



COLOUR GUIDE PER TOPIC

GENERAL ORTHOPAEDICS
UPPER LIMB
LOWER LIMB
SPINE
TRAUMA/POLYTRAUMA
PAEDIATRICS
GENERAL EDUCATION



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1. INTRODUCTION

Welcome from the President of EFORT	2
Welcome from the Chairman of the Local Organising Committee and the Chairman of the Scientific Committee	3
About EFORT	4
EFORT Committees	5
National Member Societies	7
Speciality Societies and other collaborating organisations	8

2. SESSION OVERVIEW & ABSTRACT INFORMATION

Advances in Total Hip and Total Knee Replacement	11
Clinical Cases	11
Complex Case Discussion	11
Comprehensive Review Course	12
Debate Forum	12
Evidence Based Medicine Session	12
Free Paper session	12
Honorary Lecture	16
Instructional Lecture	16
Interactive Expert Exchange	17
Nurse session	18
Speciality Society Session	18
Symposium	20
Workshop	22

Abstracts information	24
-----------------------	----

3. WEDNESDAY 5 JUNE 2013

Programme of the day	32
----------------------	----

4. THURSDAY 6 JUNE 2013

Programme of the day	56
----------------------	----

5. FRIDAY 7 JUNE 2013

Programme of the day	86
----------------------	----

6. SATURDAY 8 JUNE 2013

Programme of the day	118
----------------------	-----

7. POSTERS

General Orthopaedics	133
Upper Limb	151
Spine	159
Lower Limb	163
Trauma / Polytrauma	187
Paediatrics	199

8. INDEX OF AUTHORS

Index of Authors	203
------------------	-----

9. INDUSTRY & EXHIBITION

Industry partners of the 14 th EFORT Congress	247
Industry Symposia Session Overview	248
Industry Symposia	
Wednesday 5 June 2013	250
Thursday 6 June 2013	252
Friday 7 June 2013	255
Exhibitors list	257
Exhibition floor plan	258

10. GENERAL CONGRESS INFORMATION

General Information A-Z	261
About Istanbul	266
Travel information	267
Maps and Floorplans	269

Welcome Address



Prof. Dr. Pierre Hoffmeyer
EFORT President 2012/2013

Dear Colleagues, Friends and Participants,

A warm welcome to the fourteenth EFORT Congress, organised in 2013 in Istanbul in close cooperation with the Turkish Society of Orthopaedics and Traumatology.

The cutting edge in clinical research and technology in orthopaedics and traumatology will be presented, along with the newest concepts and breakthroughs in musculoskeletal surgery-related specialities. Only the latest and best practices, meeting the highest standards of our profession, will be discussed during this high-quality EFORT Congress.

The EFORT Congress offers you a broad spectrum of carefully-selected opportunities to further your knowledge of our complex and varied field. These include 30 Symposia organised by well-known European experts, 22 Instructional Course lectures, more than 600 hand-picked Free Papers, the popular full-day Comprehensive Review Course, many posters, and numerous workshops, industry symposia and technical exhibits. Collaboration with European speciality societies and other affiliated organisations provides major additional input into our programme. The highlights of the Congress will be plenary addresses from two internationally renowned honorary lecturers. The Michael Freeman Honorary Lecture will be given by Professor Katsuro Tomita, the outstanding spinal surgeon from Kanazawa, Japan, and the Erwin Morscher Honorary Lecture will be delivered by Jean Dubousset the master surgeon of Cottrel-Dubousset fame from Paris, France.

On behalf of the Executive Committee of EFORT and also personally, I would like especially to express my heartfelt gratitude to the chairman of the Local Organising Committee, Professor Hakki Sur, for his commitment and support in the organisation of this Congress. Our thanks also go to the staffs of our congress organiser MCI and EFORT Head Office, for their untiring efforts and enthusiastic hard work. In addition, this Congress could not take place without the staff of the magnificent Istanbul Congress Centre, so great thanks also to this wonderful team. Finally, little would be possible without our industry partners, and we extend our gratitude also to them.

Come with us and enjoy this fabulous, pulsating city of Istanbul.

Welcome!

A handwritten signature in black ink, appearing to read 'PH', followed by a long horizontal line that ends in a small flourish.

Prof. Pierre Hoffmeyer
EFORT President



Prof. Dr. Hakki Sur,
Chair Local Organisation, Istanbul

Prof. Dr. Enric Cáceres
Chair EFORT Scientific Committee

Dear colleagues,

"One city, two continents", may be the words to describe this wonderful city. Today, Istanbul is a forward-thinking capital of an emerging country. Medical science is one of the areas in which the city is particularly progressive.

That is why EFORT has chosen to hold its 14th Congress in Istanbul, in the early summer from 5–8 June.

It takes a degree of courage to choose such an attractive place for a Congress. There is always the risk that the setting will overshadow the Congress itself.

EFORT, however, has all the scientific prestige that it takes to stand up to the competition. EFORT has taken care to shape the 14th Congress scientific programme to appeal to a mix of scientists from Europe, of course, but also from the rest of the world.

We have worked hard on the upcoming scientific programme, which we are sure will meet your justifiably high expectations. Its highlights are sure to fire our professional passions anew.

We are proud of the feedback we have received, which reveals a great deal of interest in this Congress from Middle and Far-Eastern countries. With Istanbul's position as the gateway to Asia, you will encounter culture, orthopaedic science – and many colleagues – from the East.

The 14th Congress will be one of the most successful meetings ever. We are sure that you will want to stay longer, to visit the Orient, and to discover the history of this fascinating country, from which both the tulip and the tradition of coffee originate.

EFORT looks forward to welcoming you to Istanbul from 5–8 June 2013.

Hakki Sur
14th EFORT Istanbul Congress LOC Chairman

Prof. Dr. Hakki Sur,
Chair Local Organisation, Istanbul 2013

Prof. Dr. Enric Cáceres Palou
Chair EFORT Scientific Committee

About EFORT

The European Federation of National Associations of Orthopaedics and Traumatology (EFORT) is the platform organisation linking Europe's national orthopaedic associations.

EFORT concentrates on two main goals: we will achieve our mission and vision by becoming a point of reference in musculoskeletal diseases and injuries, and by raising awareness of musculoskeletal topics at the EU and global level. Our role as a point of reference focuses on driving the scientific agenda, harmonising training and treatment, encouraging knowledge exchange and performing with a high level of integrity. To raise awareness at the EU and global level we will be collaborating closely with our member network. The EBOT exam, as the common result of both set goals, will be promoted and will influence the drafting of training curricula aimed at establishing a common level among the variety of training approaches that currently exists around Europe.

To fulfil its objectives, EFORT organises an annual congress, a comprehensive advanced training programme (ATP), and is present at major European conferences. It also issues a series of scientific publications, including the "European Orthopaedics and Traumatology" (EOTR) journal, book series and Instructional Lecture books.

With its annual congress, EFORT offers an international stage for the latest developments in the field of musculoskeletal disease and trauma, and constitutes a unique platform for surgeons, physicians and other healthcare professionals to absorb and track the latest scientific findings.

The ATP is a series of specialised courses taking place throughout the year. Its objective is to improve and harmonise training standards with its member organisations and specialty societies. The specifically designed "BAT Educational Programme" is complementing the range of EFORT's educational programme and the second module has started with already 2 courses out of 3 run jointly with EPOS, the European Paediatric Orthopaedic Society. The acronym BAT stands for Basic Courses, Advanced Courses and Traumatology Courses, implying that the curriculum is comprised of a module of two basic courses in combination with one on traumatology. The aim of this programme is to foster a problem-solving approach in the diagnosis and management of musculo-skeletal conditions.

"European Orthopaedics and Traumatology" (EOTR) is EFORT's official journal, and offers a forum for discussion among surgeons and those who work with them, as well as patient organisations. Meanwhile, our book series and IL books ensure comprehensive and dynamic coverage of topical issues throughout the year. Articles published here reflect the broad spectrum of European opinion on daily practice in orthopaedics, and help to promote consensus and accepted standards across the discipline.

EFORT is pleased to announce the creation of EMSA, the European Musculoskeletal Health Alliance, a joint initiative from EFORT and EULAR. The Alliance brings together Europe's foremost orthopaedists, traumatologists, rheumatologists, physiatrists, allied health providers and patient organisations. They are now working closely together in Brussels to steer our EU policy makers towards recommendations to Member States that will reduce the incidence and impact of rheumatic and musculoskeletal diseases and injuries across Europe, and enhance the health and quality of life for all 120 million Europeans suffering from these conditions.

New this year will be the launch of EFORTnet, the Orthopaedic and Traumatology Platform that fosters knowledge sharing and capacity building. Education and science is increasingly delivered through the internet hence adding one important channel to access knowledge. Though congress and courses remain primary ways to teach and learn, the e-world innovates the approach to the harmonization of training throughout Europe by reaching beyond geographic boundaries.

Welcome to Istanbul and we wish you a successful congress.

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President	Prof. Dr. Pierre Hoffmeyer
Vice President	Dr. Manuel Cassiano Neves
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Member at Large	Dr. George Macheras
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	Prof. Dr. Karl-Göran Thorngren

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	Prof. Dr. Karl Knahr (Book Series)
	Prof. Dr. Wolfhart Puhl (Journal)
Scientific Congress Committee	Prof. Dr. Enric Cáceres Palou
Speciality Society Standing Committee	Dr. Marino Delmi

TASK FORCES AND AD HOC COMMITTEES

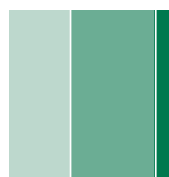
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Fora	Prof. Dr. Thierry Bégue
Musculoskeletal Trauma Task Force	Prof. Dr. Norbert Haas
Travelling & Visiting Fellowships	Prof. Dr. Philippe Neyret

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	Prof. Dr. Søren Overgaard
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	Prof. Dr. Ulrich Stöckle
	Dr. Mazhar Tokgözoğlu



EFORTnet

Share knowledge & experience!

Join the Orthopaedics & Traumatology Community Platform | www.efort.org

NATIONALITY	ABBREVIATION	NAME
Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Austria	ÖGO	Austrian Society of Orthopaedics and Orthopaedical Surgery
Belgium	BVOT	Belgian Association of Orthopaedics and Traumatology
Belgium	SORBCOT	Belgian Royal Society of Orthopaedic Surgery and Traumatology
Bosnia and Herzegovina	OTSABH	Orthopaedic and Traumatology Surgeons Ass. of Bosnia and Herzegovina
Bulgaria	BOTA	Bulgarian Orthopaedics and Trauma Association
Croatia	COTA/HUOT	Croatian Orthopaedic and Traumatology Association
Croatia	CrOS	Croatian Orthopaedic Society of the Croatian Medical Ass.
Cyprus	CAOST	Cyprus Association of Orthopaedic Surgery and Traumatology
Czech Republic	CSOT	Czech Society for Orthopaedics and Traumatology
Denmark	DOS	Danish Orthopaedic Society
Estonia	ETOS	Estonian Orthopaedic Society
Finland	SOY-FOA	Finnish Orthopaedic Association
Former Yugoslav Republic of Macedonia	MAOT	Macedonian Association of Orthopaedics and Traumatology
France	SOFCOT	French Society of Orthopaedic Surgery and Traumatology
Germany	BVOU	Professional Association of Orthopaedic Surgeons
Germany	DGOOC	German Association of Orthopaedics and Orthopaedic Surgery
Germany	DGU	German Trauma Society
Greece	HAOST	Hellenic Association of Orthopaedic Surgery & Traumatology
Hungary	MOT/HOA	Hungarian Orthopaedic Association
Iceland	IBF	Icelandic Orthopaedic Society
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Italian Society of Orthopaedics and Traumatology
Kosovo	KSOTS	Kosovo Society of Orthopaedics and Trauma Surgeons
Latvia	LTOA	Latvian Association of Traumatology and Orthopaedics
Lithuania	LSOT/LOTD	Lithuanian Society of Orthopaedics and Traumatology
Luxembourg	SLOT	Luxembourgian Society of Orthopaedics and Traumatology
Malta	AOTSM	Association of Orthopaedic & Trauma Surgeons of Malta
Montenegro	AMOT	Association of Orthopaedics and Traumatologists of Montenegro
Netherlands	NOV	Dutch Orthopaedic Association
Norway	NOF	Norwegian Orthopaedic Association
Poland	PTOITR	Polish Orthopaedic and Traumatologic Society
Portugal	SPOT	Portuguese Society of Orthopaedics and Traumatology
Romania	SOROT	Romanian Society of Orthopaedics and Traumatology
Russian Federation	AOTRF	Ass. of Orthopaedists and Traumatologists of the Russian Federation
Serbia	SOTA	Serbian Orthopaedic Trauma Association
Slovakia	SOTS	Slovak Orthopaedic and Traumatologic Society
Slovenia	SOA/ZOSZD	Slovenian Orthopaedic Association
Spain	SECOT	Spanish Orthopaedic and Traumatology Society
Sweden	SOF	Swedish Orthopaedic Association
Switzerland	SGO-SSO	Swiss Society of Orthopaedic Surgery and Traumatology
Turkey	TSOT/TOTBID	Turkish Society of Orthopaedics and Traumatology
Ukraine	UAOST	Ukrainian Ass. of Orthopaedic Surgeons & Traumatologists
United Kingdom	BOA	British Orthopaedic Association

SPECIALITY SOCIETIES

Speciality Society Sessions form an integral part of each EFORT Congress. EFORT would like to take this opportunity to thank the Speciality Societies involved in the Istanbul Congress for their valuable input and active contribution to the scientific programme.

EUROPEAN SPECIALITY SOCIETIES AND OTHER COLLABORATING ORGANISATIONS

AOSpine	AOSpine
AOTrauma	AOTrauma
ARTOF	Association for the Rational Treatment of Fractures
EBJIS	European Bone and Joint Infection Society
EFAS	European Foot and Ankle Society
EFOST	European Federation of National Associations of Orthopaedic Sports Traumatology
EHS	European Hip Society
EORS	European Orthopaedic Research Society
EPOS	European Paediatric Orthopaedic Society
ERASS	European Rheumatism and Arthritis Surgical Society
ESB	European Society for Biomaterials
ESPA	European Society of Pelvis And Acetabulum
ESSKA	European Society of Sports Traumatology, Knee Surgery and Arthroscopy
ESTES	European Society for Trauma and Emergency Surgery
EULAR	European League Against Rheumatism
EuroSpine	EuroSpine - the Spine Society of Europe
EWAS	European Wrist Arthroscopy Society
EWMA	European Wound Management Association
FESSH	Federation of European Societies for Surgery of the Hand
FFN	Fragility Fracture Network
ICON	International Collaboration of Orthopaedic Nursing
ISLASS	International Society of Laser and Percutaneous Procedures in Spinal Surgery
ISTF	International Surgical Thrombosis Forum
FORTE	Federation of Orthopaedic Trainees in Europe

EFORT Invited Nation Programme

The EFORT Invited Nation Programme aims at raising awareness and recognition towards the contribution made to the management of musculo-skeletal diseases worldwide and to strengthen ties with colleagues around the globe. In this sense we are delighted to announce that EFORT honors two societies in 2013: The Latin American SLAOT (Federation of Latin American Societies) and the Brazilian SBOT (Brazilian Society of Traumatology and Orthopaedics). Both Societies will be holding their own sessions, present themselves with a booth and during the Opening Ceremony.



LATIN-AMERICAN SOCIETY OF ORTHOPEDICS AND TRAUMATOLOGY LASOT/SLAOT

The Latin-American Society of Orthopaedics and Traumatology SLAOT unites 43,000 orthopaedic surgeons in Latin America. It strengthens the already close bonds between 21 sister nations, with the shared aim achieving constant growth and development in Latin-American orthopaedic practice.

SLAOT is an independent private-sector, non-profit, scientific and professional organisation. It is a federation of professional bodies for orthopaedic surgeons and practitioners in the musculo-skeletal and related fields. SLAOT seeks to develop service and business opportunities between Latin America, Europe, North America and Asia through international cooperation agreements. In pursuit of its aim, it organises continuing academic and professional development programmes. These offer top-quality training to member organisations, and encourage multi-centre research with a social and professional focus in areas such as promotion, prevention, healing, rehabilitation and palliative care in relation to the musculo-skeletal system.

The various regional organisations are represented by a vice-president, who attends regular and special general assembly meetings. At present, SLAOT comprises four regional organisations, namely:

- Mexico, Central America and the Caribbean: includes Mexico, Guatemala, Dominican Republic, Honduras, Cuba, El Salvador, Panama, Puerto Rico, Netherlands Antilles, Costa Rica and Nicaragua
- Andean Countries: includes Colombia, Venezuela, Ecuador, Peru and Bolivia
- Southern Cone: includes Argentina, Paraguay, Uruguay and Chile
- Brazil

Through its various scientific and entrepreneurial activities, SLAOT is well-placed to respond to the changing needs of orthopaedics in Latin America via inter-institutional agreements with the European Federation of National Associations of Orthopaedic Surgeons and Traumatologists, EFORT, and with the International Society of Orthopaedic Surgery and Traumatology, SICOT. It also continues to participate in lectures, international symposia, free papers and scientific posters within the framework of the various activities organised in Latin America.



Brazilian Society of Traumatology and Orthopaedics (SBOT)

Since its foundation 78 years ago SBOT carries the mission of congregate the Brazilian orthopedists, provides high quality of Continuing Education, supports professionally with ethical values towards the improvement of the orthopedic medical care in Brazil. Today SBOT has been consolidated as one of the most important professional association in the country with almost 12.000 members and in the world's most respected scientific societies.

Its scientific activities are driven to continuous medical improvement, with a highlight to the 'Exame para Obtenção do Título de Especialista – TEOT' (Examination to obtain the Title of Specialist – our Board Exam), which is regarded as an international example to medical institutions thus it assesses around 600 resident physicians per year by means of written, oral, physical and skills tests.

The Brazilian Congress of Orthopaedics and Traumatology is responsible for providing high quality scientific update to 5.000 specialists annually, as well as presenting innovations and improvements in this specialty. And it is during the congress that SBOT is able to show all of its vigor, creativity and strength.

The "EFORT Forum" project, which is an EFORT symposium at a national congress, began in 2002 at the DGOOC congress in Berlin. The initial idea was to choose one topic for several events, such as thromboprophylaxis, and have invited European experts discuss it with local speakers from various countries. The aim was to clarify different European criteria and arrive at new standards. The idea was very well received, but the problem was finding European speakers ready to deal with the same topic at up to ten different events. Furthermore, we realised that the expectations of such a symposium differ widely between countries.

We have therefore changed our format, and have decided instead to organise up to ten European Fora each year with four to six speakers. The EFORT Forum now offers a platform for the discussion of current issues with renowned national and international faculty at the national congresses of our member societies.

In 2013, we plan to provide updates on a variety of hot topics in our speciality. National societies are free to choose a topic, including trauma topics suggested by the EFORT Trauma Task Force, and to propose a two-to-four-hour session during their annual congress, preferably on the official opening day. EFORT Fora should not clash with the main sessions of the congress. Half of the speakers should always come from the hosting national society, while the other international half will be selected by the EFORT Fora Chair, Prof. Thierry Bégue, from speakers who have agreed to be part of our Fora schedule.

For this reason, the Forum language will be English. Whether or not simultaneous translation is needed must be decided by the congress organisers. In recent years, the EFORT Fora have achieved a very high scientific level and provided an excellent platform for exchange between national societies and EFORT. The speakers involved in these Fora were always hosted very graciously, and treated as honoured guests at the congress. Accordingly, the interest in such Fora has growing markedly, and we are delighted to announce seven EFORT Fora at European national congresses in 2013:

1. EFORT FORUM during the MOT/HOA Congress in Budapest, Hungary
28 June 2013
Topic: Periprosthetic fractures associated with total hip and total knee replacement
2. EFORT FORUM during the ÖGO Congress in Krems an der Donau, Austria,
3 September 2013
Topic: Modern trends in arthroplasty
3. EFORT FORUM during the HAOST Congress in Athens, Greece
3 October 2013
Topic: Open fractures on the leg
4. EFORT Forum during the SPOT Congress in the Algarve, Portugal
24 October 2013
Topic: Degenerative knee. The challenge with the young and active patient
5. EFORT Forum during the SIOT Congress in Genova, Italy
26 October 2013
Topic: Polytrauma: What to do after damage control?
6. EFORT FORUM during the TSOT/TOTBID Congress in Antalya, Turkey
30 October 2013
Topic: Current treatment concepts in locked plating
7. EFORT FORUM during the SOFCOT Congress in Paris, France
12 November 2013
Topic: Tibial pilon fractures – an update

We invite all EFORT national member societies to organise such Fora in the future.

ADVANCES IN TOTAL HIP AND TOTAL KNEE REPLACEMENT (additional registration required)

Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Total Knee Replacement	Knahr, Karl / Argenson, Jean-Noël	● Knee osseous	Helsinki	08.00–12.00
Total Hip Replacement	Kjaersgaard-Andersen, Per / Zagra, Luigi Massimo	● Hip	Helsinki	13.00–17.00

CLINICAL CASES

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Clinical Cases: Trauma	Kinik, Hakan / Muñoz Vives, Josep Maria	● General Trauma	Brussels	11.00–12.00
Clinical Cases: Basic Sciences	Gómez Barrena, Enrique / Overgaard, Søren	● General Orthopaedics	Florence	11.00–12.00

6 June 2013

Clinical Cases: Hand & Wrist	Kopylov Philippe / Uzuncugil, Akin	● Hand and wrist	Barcelona	14.00–15.00
Clinical Cases: Paediatrics	Böhm, Stephanie / Inan, Muharrem	● Paediatrics	Helsinki	14.00–15.00

7 June 2013

Clinical Cases: Spine	Cáceres Palou, Enric / Berk, Haluk	● Spine (incl. trauma)	Berlin	14.00–15.00
Clinical Cases: Foot & Ankle	Magnan, Bruno / Besse, Jean-Luc	● Foot/ankle/leg	Madrid	17.15–18.15

COMPLEX CASE DISCUSSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Fractures around the shoulder and elbow	Sanderhoff Olsen, Bo	● Shoulder/elbow, arm/forearm	Helsinki	11.00–12.00
Management of complications in Spine Surgery	Pellisé Urquiza, Ferran	● Spine (incl. trauma)	Vienna	17.45–18.45

6 June 2013

Controversial issues in THA on the femoral side	Tokgozoglu, Ahmet Mazhar	● Hip	Munich	14.00–15.00
Ligament injury of the immature knee: Conservative and surgical treatments	Doral, Mahmut Nedim	● Sports / Knee soft-tissue	Madrid	14.00–15.00
Major pelvic and spine fractures	Guerado Parra, Enrique	● Polytrauma/Pelvis	Brussels	17.15–18.15

Session Overview

COMPREHENSIVE REVIEW COURSE (additional registration required)				
Session Title	Organisers/Moderators	Category	Room	Time
6 June 2013				
Comprehensive Review Course	Suva, Domizio	● General education	Berlin	08.00-18.00
DEBATE FORUM				
Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Conservative versus surgical treatment of thoracolumbar junction burst fractures	Berk, Haluk	● Spine (incl. trauma)	Vienna	11.00-12.00
Flexible flat foot in children - to operate or not to operate?	Krauspe, Rüdiger	● Paediatrics	Copenhagen	11.00-12.00
6 June 2013				
Arthroplasty vs. Osteosynthesis after femoral neck fracture	Overgaard, Søren	● Hip	Munich	17.15-18.15
7 June 2013				
4-Part proximal humerus fracture in elderly: Osteosynthesis vs prosthesis	Kontakis, George	● Shoulder/elbow, arm/forearm	Vienna	14.00-15.00
Radial head replacement or not in elbow trauma?	Judet, Thierry	● Trauma upper limb	Barcelona	14.00-15.00
EVIDENCE BASED MEDICINE SESSION				
Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Metatarsalgia: Treatment and options	Delmi, Marino	● Foot/ankle/leg	Lisbon	14.00-15.00
8 June 2013				
Spine metastases treatment	Cáceres Palou, Enric	● Spine (incl. trauma)	Madrid	10.30-11.30
FREE PAPER SESSION				
Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Distal radius fractures	Kopylov, Philippe / Luchetti, Riccardo	● Hand and wrist	Lisbon	09.00-10.30
Shoulder prosthetics	Moro, Fabrizio / Demirhan, Mehmet	● Shoulder/elbow, arm/forearm	Helsinki	09.00-10.30
Tumour 1	Hiz, Murat / Jäger, Marcus	● Bone and joint tumours	Berlin	11.00-12.00

FREE PAPER SESSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Osteoarthritis hip and knee	Arazi, Mehmet / Karachalios, Theofilos	General Orthopaedics	Florence	14.30-15.30
Carpal tunnel syndrome	Kopylov, Philippe / Zammit, Jason	Hand and wrist	Lisbon	14.30-15.30
Shoulder - Miscellaneous	Miozzari, Hermes / Atalar, Ata Can	Shoulder/elbow, arm/forearm	Helsinki	14.30-15.30
Femoral neck vascularity and head necrosis	García-Cimbrelo, Eduardo / Beyzadeoglu, Tahsin	Hip	Madrid	14.30-15.30
TKA - Perioperative considerations	Murray, David / Thienpont, Emmanuel	Knee osseous	Munich	14.30-15.30
Injuries around the elbow	Kiss, Jenő / Aktuglu, Kemal	Trauma upper limb	Barcelona	14.30-15.30
Degenerative conditions	Sturesson, Bengt / Alanay, Ahmet	Spine (incl. trauma)	Vienna	16.00-17.30
Hip arthroplasty: Technique 1	Zagra, Luigi Massimo / Yercan, Huseyin	Hip	Madrid	16.00-17.30
Osteotomies around the knee	Hofmann, Siegfried / Atilla, Bülent	Knee osseous	Munich	16.00-17.30
Humerus fractures	Babst, Reto / Durak, Kemal	Trauma upper limb	Barcelona	16.00-17.30
Tumour 2	Sabah, Dündar / Capanna, Rodolfo	Bone and joint tumours	Berlin	17.45-18.45
Shoulder girdle / clip radius	Miozzari, Hermes / Arazi, Mehmet	Trauma upper limb	Brussels	17.45-18.45

6 June 2013

Bone and implant headings	Ates, Yalim / Husted, Henrik	General Orthopaedics	Nice	08.30-10.00
Experimental: Infection and bone	Sen, Cengiz / Cordero-Ampuero, José	General Orthopaedics	Vienna	08.30-10.00
Meniscus and cartilage	Madry, Henning / Camathias, Carlo	Sports / Knee soft-tissue	Madrid	08.30-10.00
Fracture femur / knee	Papadakis, Stamatios / Dincer, Derya	Trauma lower limb	Brussels	08.30-10.00
Metal-Ceramic-Polyethylene: A search for the favourite	Malchau, Henrik / Knahr, Karl	Tribology	Paris	08.30-10.00
Scaphoid	Haerle, Max / Dumontier, Christian	Hand and wrist	Barcelona	10.30-12.00
FAI - Hip arthroscopy	Leunig, Michael / Ganz, Reinhold	Hip	Munich	10.30-12.00
THA complications	Ullmark, Gösta / Levent, Eralp	Hip	Helsinki	10.30-12.00
TKA - Technique related outcomes	Steens, Wolfram / Gamal, Ahmed Hosny	Knee osseous	Vienna	14.00-15.00
The hype of Ceramic - Will it continue?	Kaddick, Christian / Knahr, Karl	Tribology	Paris	14.00-15.00

Session Overview

6 June 2013

Paediatrics hip disorders	Krauspe, Rüdiger / Gamal, Ahmed Hosny	● Paediatrics	Helsinki	15.00-16.00
Risk factors in lower limb arthroplasty	Isiklar, Ugur / Husted, Henrik	● General Orthopaedics	Nice	15.30-17.00
Anterior cruciate ligament	Margheritini, Fabrizio / Karahan, Mustafa	● Sports / Knee soft-tissue	Madrid	15.30-17.00
Tendons hindfoot	Tourné, Yves / Esemeli, Tanil	● Foot/ankle/leg	Lisbon	15.30-17.00
Hip arthroscopy	Tokgözüoğlu, Ahmet Mazhar / Aydogdu, Semih	● Hip	Munich	15.30-17.00
Unicompartmental knee	Thienpont, Emmanuel / Ozkan, Ilhan	● Knee osseous	Vienna	15.30-17.00
Metal-on-Metal: Still an option?	Günther, Klaus-Peter / Savk, Öner	● Tribology	Paris	15.30-17.00
Developmental dysplasia of the hip	Ömeroglu, Hakan / Grill, Franz	● Paediatrics	Helsinki	16.00-17.00
Challenges in fragility fractures	Atik, Sahap / Dreinhöfer, Karsten	● Osteoporosis	Nice	17.15-18.15
Knee ligaments	Doral, Mahmut Nedim / Menetrey, Jacques	● Sports / Knee soft-tissue	Madrid	17.15-18.15
Forefoot	Delmi, Marino / Magnan, Bruno	● Foot/ankle/leg	Lisbon	17.15-18.15
Pelvic fractures: Diagnostic challenges and functional outcome	Siebenrock, Klaus / Okçu, Güvenir	● Polytrauma/Pelvis	Florence	17.15-18.15
Basic sciences	Yazici, Muharrem / Lascombes, Pierre	● Paediatrics	Helsinki	17.15-18.15
Improvements of polyethylene - Have we reached the goal?	Sur, Haki / Muratoglu, Orhun Kamil	● Tribology	Paris	17.15-18.15

7 June 2013

Tumour 3	Özger, Harzem / Capanna, Rodolfo	● Bone and joint tumours	Paris	08.30-10.00
Assessing the rotator cuff	Sanderhoff Olsen, Bo / Demirhan, Mehmet	● Shoulder/elbow, arm/forearm	Vienna	08.30-10.00
Hip arthroplasty: Technique 2	Wirtz, Dieter / Akgün, Isik Karli	● Hip	Copenhagen	08.30-10.00
Alignment for TKA	Pederzini, Luigi A. / Gamal, Ahmed Hosny	● Knee osseous	Munich	08.30-10.00
Infection in total hip and knee replacement	Yazar, Tarik / Winkler, Heinz	● Infection	Florence	10.30-12.00
Rotator cuff: New strategies	Verhaar, Jan / Karahan, Mustafa	● Shoulder/elbow, arm/forearm	Vienna	10.30-12.00
Cartilage lesions	Vannini, Francesca / Kiliçoğlu, Önder	● Foot/ankle/leg	Lisbon	10.30-12.00
FAI - Periacetabular osteotomies	Christofilopoulos, Panayiotis / Ozsoy, Mehmet Hakan	● Hip	Paris	10.30-12.00
Revision hip arthroplasty	Babis, George / Togrul, Emre	● Hip	Madrid	10.30-12.00
THA outcomes	Kostakos, Athanasios / Beksac, Burak	● Hip	Nice	10.30-12.00

7 June 2013

Imaging and measurements in TKA	Sur, Hakki / Akgün, Isik Karli	● Knee osseous	Munich	10.30–12.00
Hip fracture – General	Rogmark, Cecilia / Cullu, Emre	● Trauma lower limb	Brussels	10.30–12.00
Open fractures – Healing problems	Teixidor Serra, Jordi / Agus, Haluk	● Trauma lower limb	Barcelona	10.30–12.00
Neuromuscular disorders and fracture diagnosis	Inan, Muharrem / Cassiano Neves, Manuel	● Paediatrics	Copenhagen	10.30–12.00
Infection in orthopaedic surgery	Gür, Semih / Borens, Olivier	● Infection	Florence	14.00–15.00
Femoral neck fractures in young patients	Duus, Benn Ronnow / Sarisözen, Bartu	● Trauma lower limb	Brussels	14.00–15.00
Hip imaging	Leunig, Michael / Cila, Erdal	● Hip	Madrid	14.00–15.00
Elbow session	Kiss, Jenő / Atalar, Ata Can	● Shoulder/elbow, arm/forearm	Vienna	15.30–17.00
Deformity	Balsano, Massimo / Aydingöz, Önder	● Spine (incl. trauma)	Berlin	15.30–17.00
Metal-on-Metal and wear	Günther, Klaus-Peter / Altintas, Faik	● Hip	Paris	15.30–17.00
TKA – Design related outcomes	Doral, Mahmut Nedim / Steens, Wolfram	● Knee osseous	Copenhagen	15.30–17.00
Femoral neck fractures – Periprosthetic fractures	Bel, Jean-Christophe / Erdemli, Bülent	● Trauma lower limb	Brussels	15.30–17.00
Blood transfusion and DVT	Altintas, Faik / Ovesen, Ole	● General Orthopaedics	Paris	17.15–18.15
Infection, tumour & miscellaneous	Ubierna Garcés, María Teresa / Talu, Ufuk	● Spine (incl. trauma)	Berlin	17.15–18.15
Total ankle arthroplasty	Leemrijse, Thibault / Kofoed, Hakon	● Foot/ankle/leg	Lisbon	17.15–18.15
Femoral neck: Hemiarthroplasty and its complications	Bégué, Thierry / Karaoglu, Sinan	● Trauma lower limb	Barcelona	17.15–18.15
Polytrauma	Ruchholtz, Steffen / Kinik, Hakan	● Polytrauma/Pelvis	Brussels	17.15–18.15

8 June 2013

Patient reported outcome (Prom) and total joint replacement	Alparslan, Bülent / Kärrholm, Johan	● Hip	Florence	08.30–10.00
Unstable shoulder	Belling Sørensen, Anne Kathrine / Güven, Osman	● Shoulder/elbow, arm/forearm	Madrid	08.30–10.00
Metal-on-Metal	Günther, Klaus-Peter / Bilgen, Ömer	● Hip	Paris	08.30–10.00
TKA – Navigation	Becker, Roland / Bozkurt, Murat	● Knee osseous	Munich	08.30–10.00
Fractures distal tibia, ankle, foot	Teixidor Serra, Jordi / Aydin, Ahmet Turan	● Trauma lower limb	Brussels	08.30–10.00
Experimental: Cartilage, meniscus, bone	Verdonk, René / Benazzo, Francesco	● General Orthopaedics	Nice	10.30–12.00
Trauma (Spine)	Ubierna Garcés, María Teresa / Senköylü, Alpaslan	● Spine (incl. trauma)	Berlin	10.30–12.00

Session Overview

8 June 2013

Miscellaneous (arthrodesis, fractures, diabetes)	Ogüt, Tahir / Rabat Ribes, Eduard	● Foot/ankle/leg	Lisbon	10.30-12.00
Metal-on-Metal: Adverse effects	Penny, Jeannette / Ozkan, Ilhan	● Hip	Paris	10.30-12.00
Revision knee arthroplasty	Sur, Hakki / Sarpel, Yaman	● Knee osseous	Munich	10.30-12.00
Intertrochanteric fractures	Bal, Emin / Muñoz Vives, Josep María	● Trauma lower limb	Brussels	10.30-12.00

HONORARY LECTURE

Session Title	Honorary Lecturer	Category	Room	Time
Erwin Moscher Honorary Lecture	Dubousset, Jean	● General education	Paris	12.00-12.30

7 June 2013

Michael Freeman Honorary Lecture	Tomita, Katsuro	● General education	Paris	12.00-12.30
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INSTRUCTIONAL LECTURE

Session Title	Moderator, Lecturer	Category	Room	Time
Treatment of early and late infection following THA	Wirtz, Dieter / Cordero-Ampuero, José	● Hip	Madrid	11.00-12.00
The forearm joint	Szabó, Zsolt / Dumontier, Christian	● Hand and wrist	Lisbon	11.00-12.00
Management of proximal tibial fractures	Bégué, Thierry / Garnavos, Christos	● Trauma lower limb	Barcelona	11.00-12.00
The evidence for medical treatment for tertiary prophylaxis of osteoporosis	Dreinhöfer, Karsten / Brixen, Kim	● Osteoporosis	Nice	11.00-12.00
Early OA in the knee from conservative to surgical treatment	Doral, Mahmut Nedim / Lars Engebretsen	● Knee osseous	Munich	11.00-12.00
Treatment of ageing spine	Pellisé Urquiza, Ferran / Aebi, Max	● Spine (incl. trauma)	Vienna	14.30-15.30
Surgical treatment of pelvic fractures	Stöckle, Ulrich / Lindahl, Jan Erik	● Polytrauma/Pelvis	Brussels	14.30-15.30
Surgical treatment of soft tissue sarcoma	Szendrői, Miklos / Capanna, Rodolfo	● Bone and joint tumours	Berlin	14.30-15.30
Risk factors and treatment of dislocations of the THA	Hernigou, Philippe / Ullmark, Gösta	● Hip	Madrid	17.45-18.45
New trends in shoulder arthroplasty	Stanley, David / Ekelund, Anders	● Shoulder/elbow, arm/forearm	Helsinki	17.45-18.45
Classification and algorithm of treatment for proximal humeral fractures	Muñoz Vives, Josep María / Resch, Herbert	● Trauma upper limb	Barcelona	17.45-18.45
UNI knee arthroplasty from primary to revision surgery	Verhaar, Jan / Benazzo, Francesco	● Knee osseous	Munich	17.45-18.45

6 June 2013

Biologics in open fractures	Giannoudis, Peter / Haas, Norbert	● Polytrauma/Pelvis	Brussels	14.00–15.00
How to introduce new implants/ techniques	Macheras, George / Malchau, Henrik	● General Orthopaedics	Nice	14.00–15.00
Modern indication for a high tibial Osteotomy	Neyret, Philippe / Denti, Matteo	● Sports / Knee soft-tissue	Florence	14.00–15.00
Meniscal lesion today: Evidence of treatment	Espegueira-Mendes, João / Beaufils, Philippe	● Sports / Knee soft-tissue	Vienna	17.15–18.15

7 June 2013

Osteotomies around the ankle	Viladot Voegeli, Antonio / Knupp, Markus	● Foot/ankle/leg	Lisbon	08.30–09.30
Training as non-operative treatment of patients with osteoarthritis of the hip or knee	Murray, David / Roos, Ewa	● General Orthopaedics	Paris	14.00–15.00
New trends based on experimental results	Cannon, Stephen / Baldini, Nicola	● General Orthopaedics	Copenhagen	14.00–15.00
Current evidence in designs and surfaces in THA	Overgaard, Søren / Karachalios, Theofilos	● Hip	Vienna	17.15–18.15
Growth modulation	Møeller-Madsen, Bjarne / Eastwood, Deborah	● Paediatrics	Copenhagen	17.15–18.15
Risk factors for postoperative infection	Romanò, Carlo Luca / Borens, Olivier	● Infection	Florence	17.15–18.15

INTERACTIVE EXPERT EXCHANGE (additional registration required)

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
DDH: Before walking age	Ömeroglu, Hakan / Graf, Reinhard	● Paediatrics	Copenhagen	14.30–16.30
DDH: Residual deformities	Inan, Muharrem / Chomiak, Jiri	● Paediatrics	Copenhagen	16.45–18.45

6 June 2013

Pseudarthrosis – bone defects	Giannoudis, Peter	● Polytrauma/Pelvis	Copenhagen	08.30–12.00
Advanced concepts and treatment strategies for femoroacetabular impingement	Leunig, Michael	● Hip	Copenhagen	14.00–18.15

8 June 2013

How to manage bone defects in THA	Macheras, George	● Hip	Copenhagen	08.30–12.00
Infected fractures	Kocaoglu, Mehmet	● Infection	Berlin	08.30–12.00

Session Overview

NURSE SESSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Nurse Session	Hommel, Ami / Sendir, Merdiye	● General education	Nice	16.00-18.30

SPECIALITY SESSION

Session Title	Organisers/Moderators	Society	Room	Time
5 June 2013				
Posttraumatic and chronic conditions pelvis and acetabulum	Pohlemann, Tim / Giannoudis, Peter	● ESPA – European Society of Pelvic and Acetabular Surgery	Brussels	09.00-10.30
What is the current status of Metal-on-Metal hip replacement	Blom, Ashley / Gill, Richie	● EORS – European Orthopaedic Research Society	Nice	09.00-10.30
Antimicrobial treatment in wounds	Gottrup, Finn	● EWMA – European Wound Management Association	Nice	14.30-15.30
Distal radius fractures	Yücetürk, Aydin / Szabó, Zsolt	● FESSH – Federation of European Societies for Surgery of the Hand / EWAS – European Wrist Arthroscopy Society	Lisbon	16.00-18.45
FORTE session	Huri, Gazi	● FORTE – Federation of Orthopaedic Trainees in Europe	Florence	16.00-18.45
Prostheses and infection in arthritis patients	Nelissen, Rob	● ERASS – European Rheumatism Arthritis Surgical Society	Berlin	16.00-17.30

6 June 2013

Hip arthroscopic surgery in 2013	Ullmark, Gösta / Villar, Richard	● EHS – European Hip Society	Munich	08.30-10.00
Foot & ankle injuries in the athlete: Where do we stand today?	Viladot Voegeli, Antonio	● EFAS – European Foot and Ankle Society	Lisbon	08.30-10.00
Ankle arthritis: Prevention and management	Delmi, Marino / Solan, Matthew	● EFAS – European Foot and Ankle Society	Lisbon	10.30-12.00
Hallux valgus	Delmi, Marino / Redfern, David	● EFAS – European Foot and Ankle Society	Lisbon	14.00-15.00

6 June 2013

Sine qua non / An Essential Element or Condition – Sports and OA	Doral, Mahmut Nedim / Papadopoulos, Pericles / Huylebroek, José / Canata, Gian Luigi	● EFOST – European Federation of National Associations of Orthopaedic Sports Traumatology	Barcelona	15.30–18.15
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7 June 2013

New developments for trauma care	Haas, Norbert / Renner, Nikolaus	● AOTrauma	Barcelona	08.30–10.00
Minimal invasive spinal surgery: New overall perspectives	Menchetti, Pier Paolo Maria	● ISLASS – International Society of Laser Assisted and Percutaneous Procedures in Spinal Surgery	Berlin	08.30–10.00
Orthopaedic surgery and thromboembolism	Fletcher, John	● ISTF – International Surgical Thrombosis Forum	Nice	08.30–10.00
Low back pain in children and adolescents	Yazici, Muharrem	● AOSpine – Global Spine society / EPOS – European Paediatric Orthopaedic Society	Berlin	10.30–12.00
Office pediatric orthopaedics	Yazici, Muharrem	● EPOS – European Paediatric Orthopaedic Society	Nice	14.00–14.50
Pediatric foot disorders	Eastwood, Deborah	● EPOS – European Paediatric Orthopaedic Society	Nice	14.50–15.40
Around the meniscus	Menetrey, Jacques / Seil, Romain	● ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	14.00–15.00
Lower limb injury in soccer	Servien, Elvire / Ekstrand, Jan	● ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	15.00–16.00

Session Overview

7 June 2013

Focus on elbow trauma	Leenen, Luke / Rommens, Pol Maria	● ESTES – European Society for Trauma and Emergency Surgery	Barcelona	15.30-17.00
Defining bone and joint infection	Romanò, Carlo Luca / Heppert, Volkmar	● EBJIS – European Bone & Joint Infection Society	Florence	15.30-17.00
Management of benign bone lesions	Krauspe, Rüdiger	● EPOS – European Paediatric Orthopaedic Society	Nice	16.00-18.15
Unsolved problems in shoulder arthroscopic surgery	Poberaj, Boris / Tzanakakis, Nikolaos	● ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	16.15-17.15
Limits in anterior and posterior ankle arthroscopy	Ogüt, Tahir / Kerkhoffs, Gino M.M.J.	● ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	17.15-18.15

8 June 2013

Posttraumatic joint instability	Biberthaler, Peter	● ARTOF – Association for the Rational Treatment of Fractures	Barcelona	08.30-12.00
Everything you wanted to know about adult deformity in an hour	Berk, Haluk	● EuroSpine – The Spine Society of Europe	Helsinki	08.30-10.00

SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Technical aspects of Total Hip Arthroplasty in DDH	Tözün, Ismail Remzi	● Hip	Madrid	09.00-10.30
Supracondylar fractures of the elbow in children: Still a challenging problem?	Cassiano Neves, Manuel / Ağuş, Haluk	● Paediatrics	Copenhagen	09.00-10.30
Preoperative evaluation and management of patients with osteoarthritis of the spine, hip and knee	Hamzaoglu, Azmi	● Spine (incl. trauma)	Vienna	09.00-10.30
Status of the art: Lower limb reconstruction in orthopaedic oncology	Windhager, Reinhard	● Bone and joint tumours	Berlin	09.00-10.30

SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Orthopaedic management in patients with haemophilia	Aydogdu, Semih	General Orthopaedics	Florence	09.00–10.30
Painful knee after TKA	Sur, Hakki	Knee osseous	Munich	09.00–10.30
Periprosthetic fractures in the lower limb	Bégué, Thierry	Trauma lower limb	Barcelona	09.00–10.30
Management of complications in proximal femoral fracture	Guerado Parra, Enrique	Trauma lower limb	Brussels	16.00–17.30
The evidence of navigation in knee surgery	Becker, Roland	General Orthopaedics	Helsinki	16.00–17.30
6 June 2013				
Early complications in THA	Haddad, Fares	Hip	Helsinki	08.30–10.00
Invited Guest Federation: SLAOT – Primary complex hip arthroplasty	Macheras, George / Musafir, Marcos	Hip	Florence	08.30–10.00
Osteoarthritis of the thumb. Is resection arthroplasty the only treatment?	Schwind, Frédéric	Hand and wrist	Barcelona	08.30–10.00
Complex elbow injuries	Stöckle, Ulrich	Trauma upper limb	Brussels	10.30–12.00
Multiple ligaments knee injury	Espegueira-Mendes, João	Sports / Knee soft-tissue	Madrid	10.30–12.00
Rapid recovery patients programmes. Lessons from the past and new areas	Kjærsgaard-Andersen, Per	General Orthopaedics	Florence	10.30–12.00
Statistical analysis in orthopaedic clinical studies	Jolles-Haeberli, Brigitte	General education	Nice	10.30–12.00
Orthopaedic Publishing in 2013	Villar, Richard	General education	Vienna	10.30–12.00
Tribology of total knee arthroplasty: Basics and current trends	Argenson, Jean-Noël / Böhler, Nikolaus	Tribology	Paris	10.30–12.00
Third world orthopaedics	Wurnig, Christian	General education	Florence	15.30–17.00
Trauma and orthopaedics in conflict and post-conflict settings	Ciritsis, Bernard	Polytrauma/Pelvis	Brussels	15.30–17.00
7 June 2013				
Reconstruction after damage control	Schultz Larsen, Morten	Polytrauma/Pelvis	Brussels	08.30–10.00
Management of bone defects after THR infection	García-Cimbrelo, Eduardo	Infection	Florence	08.30–10.00
Invited Guest Nation: SBOT – Massive rotator cuff tears: From basic science to arthroscopy and arthroplasty	Motta, Geraldo	Shoulder/elbow, arm/forearm	Madrid	08.30–10.00
Acetabular revisions	Tsiridis, Eleftherios	Hip	Madrid	15.30–17.00

Session Overview

7 June 2013

Complications in total ankle arthroplasty	Besse, Jean-Luc	● Foot/ankle/leg	Lisbon	15.30-17.00
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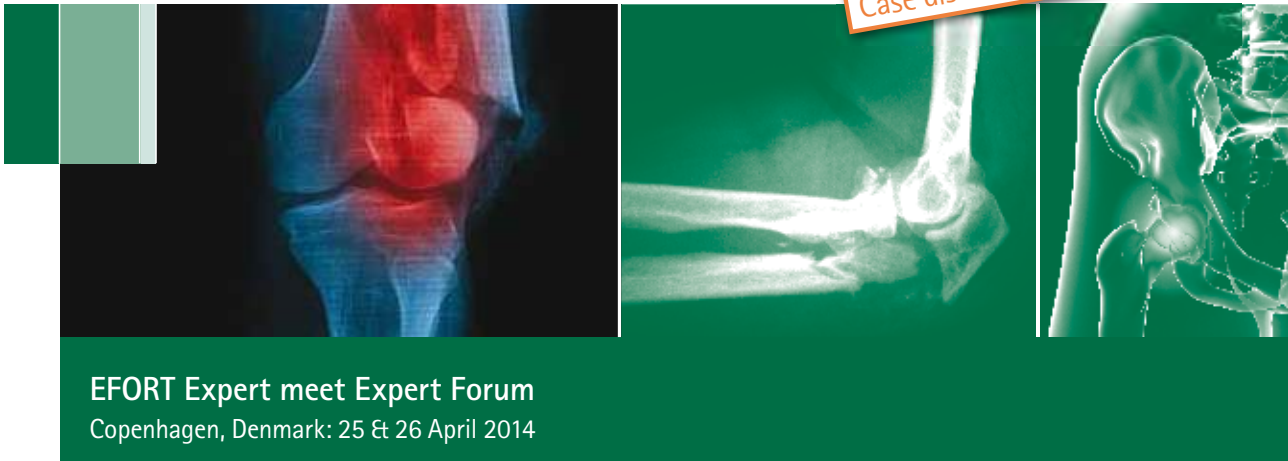
8 June 2013

Percutaneous and mini-invasive surgery myths and reality	Ogüt, Tahir	● Foot/ankle/leg	Lisbon	08.30-10.00
Tricks in arthroscopic rotator cuff repair	Randelli, Pietro Simone	● Shoulder/elbow, arm/forearm	Nice	08.30-10.00
Bone and Joint Decade: Healthy Active Ageing – a multidisciplinary and multiprofessional approach	Woolf, Anthony / Dreinhöfer, Karsten	● General Orthopaedics	Vienna	08.30-10.00
European Arthroplasty Register – Clinical findings, development and new requirements from authorities	Labek, Gerold / Böhler, Nikolaus	● General Orthopaedics	Florence	10.30-12.00
Fragility fractures of the pelvis	Stöckle, Ulrich / Mutschler, Wolf	● Osteoporosis	Vienna	10.30-12.00

WORKSHOP

Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Speaker coaching workshop	Coles, Angela	● General education	Taksim 1	08.00-12.00
Literature search for Orthopaedics and Traumatology surgeons	Küçükdurmaz, Fatih	● General education	Taksim 2	10.30-12.00

Case discussions / Workshops



Periarticular Fractures

- Subtrochanteric fractures
- Complex fractures around the knee
- Pilon and hindfoot fractures
- Fractures around the shoulder
- Fracture dislocations in the elbow
- Complex injuries in the wrist
- Case discussions
- Workshops

In collaboration with the EFORT Trauma Task Force

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %
United Kingdom			Turkey			Japan		
Hip	181		Shoulder/elbow, arm/forearm	36		Hip	85	
Trauma lower limb	165		Hip	31		Knee osseous	29	
General Orthopaedics / complications / basic science / technology	153		Trauma lower limb	29		Spine (incl. trauma)	15	
Knee osseous	146		Knee osseous	26		Shoulder/elbow, arm/forearm	12	
Shoulder/elbow, arm/forearm	97		Foot/ankle/leg	24		Bone and joint tumours	11	
Foot/ankle/leg	85		General Orthopaedics / complications / basic science / technology	22		Foot/ankle/leg	10	
Paediatrics	57		Bone and joint tumours	19		Sports / Knee soft-tissue	8	
Trauma upper limb	54		Paediatrics	19		General Orthopaedics / complications / basic science / technology	6	
Spine (incl. trauma)	53		Hand and wrist	17		Hand and wrist	4	
Hand and wrist	48		Spine (incl. trauma)	10		Trauma lower limb	4	
Infection	38		Sports / Knee soft-tissue	9		Infection	3	
Sports / Knee soft-tissue	37		Trauma upper limb	8		Paediatrics	3	
Bone and joint tumours	28		Infection	5		Pain control / rehabilitation and non-surgical management	2	
Polytrauma / Pelvis	20		Polytrauma / Pelvis	4		Trauma upper limb	2	
Pain control / rehabilitation and non-surgical management	18		Pain control / rehabilitation and non-surgical management	3		Osteoporosis	1	
Osteoporosis	6		Osteoporosis	2		Nurse	1	
Tribology	5		Nurse	1				
Nurse	2							
United Kingdom Total	1193	29.98%	Turkey Total	265	6.66%	Japan Total	196	4.93%
Spain			Italy			Germany		
Knee osseous	43		Hip	44		Hip	42	
Hip	37		Knee osseous	39		Spine (incl. trauma)	24	
Shoulder/elbow, arm/forearm	37		Trauma lower limb	29		General Orthopaedics / complications / basic science / technology	23	
Spine (incl. trauma)	30		Shoulder/elbow, arm/forearm	20		Shoulder/elbow, arm/forearm	23	
Bone and joint tumours	23		Foot/ankle/leg	13		Knee osseous	21	
Trauma lower limb	23		General Orthopaedics / complications / basic science / technology	13		Foot/ankle/leg	13	
Hand and wrist	22		Sports / Knee soft-tissue	13		Trauma lower limb	13	
Infection	22		Trauma upper limb	13		Sports / Knee soft-tissue	8	
Sports / Knee soft-tissue	22		Bone and joint tumours	9		Infection	7	
Foot/ankle/leg	20		Infection	8		Polytrauma / Pelvis	7	
Trauma upper limb	18		Polytrauma / Pelvis	8		Bone and joint tumours	4	
General Orthopaedics / complications / basic science / technology	15		Hand and wrist	6		Hand and wrist	3	
Paediatrics	10		Spine (incl. trauma)	6		Tribology	3	
Osteoporosis	4		Paediatrics	5		Pain control / rehabilitation and non-surgical management	2	
Pain control / rehabilitation and non-surgical management	3		Pain control / rehabilitation and non-surgical management	1		Osteoporosis	1	
Polytrauma / Pelvis	2					Paediatrics	1	
						Trauma upper limb	1	
Spain Total	331	8.32%	Italy Total	227	5.70%	Germany Total	196	4.93%

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %
Greece		
Trauma lower limb	21	
Shoulder/elbow, arm/forearm	16	
Spine (incl. trauma)	13	
Foot/ankle/leg	11	
Knee osseous	10	
General Orthopaedics / complications / basic science / technology	8	
Hand and wrist	8	
Hip	7	
Osteoporosis	7	
Sports / Knee soft-tissue	7	
Bone and joint tumours	6	
Paediatrics	5	
Trauma upper limb	5	
Polytrauma / Pelvis	4	
Infection	2	
Pain control / rehabilitation and non-surgical management	1	

Greece Total 131 3.29%

Portugal		
Hip	21	
Trauma lower limb	14	
Paediatrics	11	
Shoulder/elbow, arm/forearm	10	
Hand and wrist	9	
General Orthopaedics / complications / basic science / technology	8	
Infection	8	
Trauma upper limb	8	
Foot/ankle/leg	7	
Spine (incl. trauma)	7	
Knee osseous	6	
Sports / Knee soft-tissue	5	
Osteoporosis	3	
Polytrauma / Pelvis	3	
Bone and joint tumours	2	
Pain control / rehabilitation and non-surgical management	1	

Portugal Total 123 3.09%

COUNTRY/CATEGORY	TOTAL	IN %
United States		
Hip	32	
Knee osseous	28	
General Orthopaedics / complications / basic science / technology	19	
Tribology	11	
Trauma lower limb	8	
Shoulder/elbow, arm/forearm	6	
Foot/ankle/leg	4	
Paediatrics	3	
Sports / Knee soft-tissue	3	
Hand and wrist	2	
Spine (incl. trauma)	2	
Polytrauma / Pelvis	1	

United States Total 119 2.99%

Republic of Korea		
Knee osseous	30	
Hip	24	
Trauma lower limb	10	
General Orthopaedics / complications / basic science / technology	9	
Trauma upper limb	7	
Foot/ankle/leg	5	
Sports / Knee soft-tissue	5	
Hand and wrist	4	
Osteoporosis	4	
Paediatrics	3	
Polytrauma / Pelvis	3	
Spine (incl. trauma)	2	
Bone and joint tumours	1	
Shoulder/elbow, arm/forearm	1	

Republic of Korea Total 108 2.71%

COUNTRY/CATEGORY	TOTAL	IN %
France		
Hip	21	
Knee osseous	13	
General Orthopaedics / complications / basic science / technology	11	
Shoulder/elbow, arm/forearm	10	
Sports / Knee soft-tissue	10	
Paediatrics	9	
Trauma lower limb	6	
Foot/ankle/leg	5	
Spine (incl. trauma)	5	
Bone and joint tumours	2	
Trauma upper limb	2	
Hand and wrist	1	
Polytrauma / Pelvis	1	
Tribology	1	

France Total 97 2.44%

Switzerland		
Hip	25	
Shoulder/elbow, arm/forearm	18	
Foot/ankle/leg	12	
Bone and joint tumours	5	
General Orthopaedics / complications / basic science / technology	5	
Infection	5	
Paediatrics	4	
Knee osseous	3	
Trauma lower limb	3	
Pain control / rehabilitation and non-surgical management	2	
Polytrauma / Pelvis	2	
Spine (incl. trauma)	2	
Sports / Knee soft-tissue	2	
Osteoporosis	1	
Tribology	1	

Switzerland Total 90 2.26%

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %
Austria		
Knee osseous	11	
Bone and joint tumours	9	
Hip	8	
Foot/ankle/leg	6	
Infection	6	
Paediatrics	6	
Shoulder/elbow, arm/forearm	5	
Sports / Knee soft-tissue	5	
Spine (incl. trauma)	4	
Trauma lower limb	4	
Hand and wrist	3	
General Orthopaedics / complications / basic science / technology	2	
Osteoporosis	2	
Tribology	2	
Polytrauma / Pelvis	1	

Austria Total 74 1.86%

Denmark		
Hip	14	
Knee osseous	10	
Trauma lower limb	9	
Paediatrics	7	
Nurse	7	
General Orthopaedics / complications / basic science / technology	4	
Bone and joint tumours	3	
Pain control / rehabilitation and non-surgical management	2	
Trauma upper limb	2	
Foot/ankle/leg	1	
Hand and wrist	1	
Polytrauma / Pelvis	1	
Shoulder/elbow, arm/forearm	1	
Spine (incl. trauma)	1	

Denmark Total 63 1.58%

COUNTRY/CATEGORY	TOTAL	IN %
Romania		
Hip	11	
Trauma lower limb	8	
Trauma upper limb	7	
General Orthopaedics / complications / basic science / technology	6	
Foot/ankle/leg	4	
Infection	4	
Paediatrics	4	
Bone and joint tumours	3	
Knee osseous	3	
Shoulder/elbow, arm/forearm	3	
Sports / Knee soft-tissue	3	
Hand and wrist	1	
Osteoporosis	1	
Pain control / rehabilitation and non-surgical management	1	
Polytrauma / Pelvis	1	
Spine (incl. trauma)	1	

Romania Total 61 1.53%

Netherlands	52	1.31%
India	41	1.03%
Egypt	40	1.01%
Ireland	36	0.90%
Norway	32	0.80%
Poland	32	0.80%
Sweden	32	0.80%
Islamic Republic of Iran	29	0.73%
Canada	28	0.70%
Argentina	26	0.65%
Australia	26	0.65%
Serbia	25	0.63%
Chile	22	0.55%
Czech Republic	21	0.53%
Russian Federation	21	0.53%
Croatia	19	0.48%
Singapore	19	0.48%
Thailand	18	0.45%
Finland	15	0.38%
Belgium	14	0.35%
Israel	13	0.33%
Bulgaria	12	0.30%
Slovenia	12	0.30%
Ukraine	12	0.30%
Belarus	10	0.25%
Brazil	10	0.25%
Pakistan	9	0.23%

COUNTRY/CATEGORY	TOTAL	IN %
Taiwan, Province of China	9	0.23%
New Zealand	7	0.18%
Albania	6	0.15%
Bosnia and Herzegovina	6	0.15%
Lithuania	6	0.15%
Hungary	5	0.13%
China	4	0.10%
Kazakhstan	4	0.10%
Kyrgyzstan	4	0.10%
Lebanon	3	0.08%
Bangladesh	2	0.05%
Ecuador	2	0.05%
Estonia	2	0.05%
Kosovo	2	0.05%
Latvia	2	0.05%
Malta	2	0.05%
Republic of Moldova	2	0.05%
United Arab Emirates	2	0.05%
Azerbaijan	1	0.03%
Iceland	1	0.03%
Indonesia	1	0.03%
Iraq	1	0.03%
Jordan	1	0.03%
Martinique	1	0.03%
Qatar	1	0.03%
Saudi Arabia	1	0.03%
United States Minor Outlying Islands	1	0.03%

Overall Total 3979 100%

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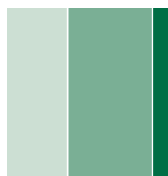
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Welcome

to the 14th EFORT Congress in Istanbul!
Wednesday 5 June 2013

Opening and Award Ceremony

12.00 – 13.00, Auditorium Paris

Welcome from the Local Chairman and the EFORT President

The South Latin American Association of Orthopaedics and the Brazilian Society
of Orthopaedics and Traumatology as Invited Nations

Award Ceremony

Welcome Reception

starting at 18.30, Auditorium Paris

"The origin of science in Ionia"

Prof. Celal Sengör, Turkey

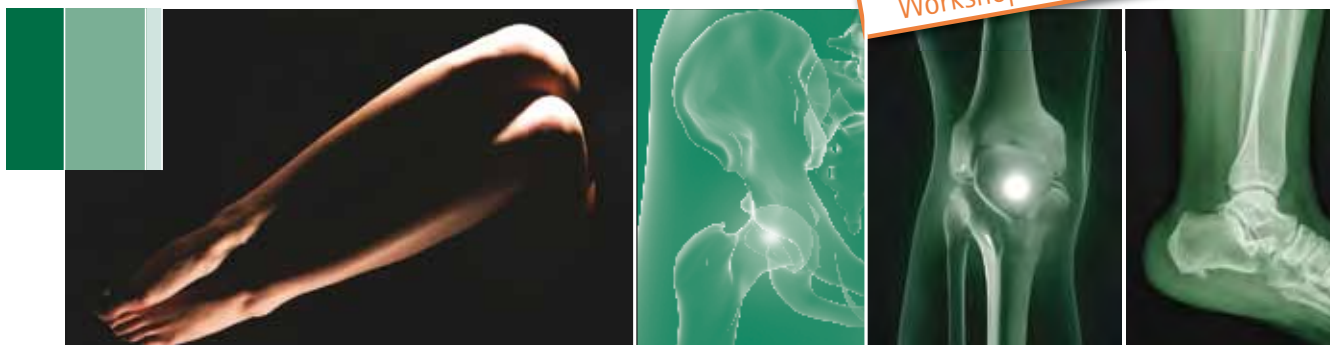
A colourful and captivating view on science

Shaman Dance Theatre

Dance, music, rhythm, and theater. A highly energetic and original show
promoting Turkish cultural diversity all around the world.

Cocktail reception

Workshops / Live Surgery



EFORT Instructional Course

Basel, Switzerland: 15 & 16 November 2013

Osteoarthritis: Joint preserving surgery (JPS) of the lower extremity

- Joint preserving surgery around the hip
- Joint preserving surgery around the knee
- Joint preserving surgery around the ankle

Hands-on Workshops:

- Hip: Osteotomies, arthroscopy, impingement surgery, chondral repair
- Knee: Osteotomies, arthroscopy, chondral repair, ligament repair
- Ankle/Hindfoot: Osteotomies, arthroscopy, chondral repair, ligament repair

Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon
Time						
09:00		Painful knee after TKA Knee osseous	Periprosthetic fractures in the lower limb	Posttraumatic and chronic conditions pelvis and acetabulum	Shoulder prosthetics Shoulder/elbow, arm/ forearm	Distal radius fractures Hand and wrist
09:15		Symposium	Trauma lower limb Symposium	Polytrauma/Pelvis Speciality Session ESPA	Free Paper Session	Free Paper Session
09:30						
09:45						
10:00						
10:15						
10:30		Break – Visit of the industry exhibition				
10:45						
11:00		Early OA in the knee from conservative to surgical treatment	Management of proximal tibial fractures	Clinical Cases: Trauma General education	Fractures around the shoulder and elbow	The forearm joint Hand and wrist
11:15		Knee osseous	Trauma lower limb	Clinical Cases	Shoulder/elbow, arm/forearm	Hand and wrist
11:30		Instructional Lecture	Instructional Lecture		Complex case discussion	Instructional Lecture
11:45						
12:00	Opening & Award Ceremony – Paris Auditorium					
12:15						
12:30						
12:45						
13:00		Cement Session – Contem- porary revision techniques: Modern infection manage- ment in joint arthroplasty			Balancing evidence and innovation in THA	Periprosthetic fractures solutions – a result of 10 years NCB evolution
13:15		Hip			Hip	Polytrauma/Pelvis
13:30		Industry Symposium			Industry Symposium	Industry Symposium
13:45		Biomet			Stryker	Zimmer GmbH
14:00						
14:15						
14:30		TKA – Perioperative considerations	Injuries around the elbow	Surgical treatment of pelvic fractures	Shoulder – Miscellaneous	Carpal tunnel syndrome
14:45		Knee osseous	Trauma upper limb	Polytrauma/Pelvis	Shoulder/elbow, arm/ forearm	Hand and wrist
15:00		Free Paper Session	Free Paper Session	Instructional Lecture	Free Paper Session	Free Paper Session
15:15						
15:30		Break – Visit of the industry exhibition				
15:45						
16:00		Osteotomies around the knee	Humerus fractures	Management of com- plications in proximal femoral fracture	The evidence of navigati- on in knee surgery	Distal radius fractures
16:15		Knee osseous	Trauma upper limb	Trauma lower limb	General Orthopaedics / complications / basic science / technology	Hand and wrist
16:30		Free Paper Session	Free Paper Session	Symposium	Symposium	Speciality Session
16:45						FESSH/EWAS
17:00						
17:15						
17:30		BREAK				
17:45		UNI knee arthroplasty from primary to revision surgery	Classification and algorithm of treatment for proximal humeral fractures	Shoulder girdle / clip radius	New trends in shoulder arthroplasty	
18:00		Knee osseous	Trauma upper limb	Trauma upper limb	Shoulder/elbow, arm/forearm	
18:15		Instructional Lecture	Instructional Lecture	Free Paper Session	Instructional Lecture	
18:30						
Welcome Reception for delegates and registered accompanying persons – Paris Auditorium & Foyer B2						

GENERAL ORTHOPAEDICS	UPPER LIMB	LOWER LIMB	SPINE	TRAUMA/ POLYTRAUMA	PAEDIATRICS	GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room		
						Time		
Orthopaedic management in patients with haemophilia General Orthopaedics / complications / basic science / technology Symposium	What is the current status of Metal-on-Metal hip replacement Hip Speciality Session EORS	Preoperative evaluation and management of patients with osteoarthritis of the spine, hip and knee Spine (incl. trauma) Symposium	Technical aspects of Total Hip Arthroplasty in DDH Hip Symposium	Supracondylar fractures of the elbow in children: Still a challenging problem? Paediatrics Symposium	Status of the art: Lower limb reconstruction in orthopaedic oncology Bone and joint tumours Symposium	09:00		
						09:15		
						09:30		
						09:45		
						10:00		
						10:15		
Break – Visit of the industry exhibition						10:30		
						10:45		
Clinical Cases: Basic sciences General Orthopaedics / complications / basic science / technology Clinical Cases	The evidence for medical treatment for tertiary prophylaxis of osteoporosis Osteoporosis Instructional Lecture	Conservative versus surgical treatment of thoracolumbar junction burst fractures Spine (incl. trauma) Debate forum	Treatment of early and late infection following THA Hip Instructional Lecture	Flexible flat foot in children – to operate or not to operate? Paediatrics Debate forum	Tumour 1 Bone and joint tumours Free Paper Session	11:00		
						11:15		
						11:30		
						11:45		
						12:00		
Opening & Award Ceremony – Paris Auditorium						12:15		
						12:30		
						12:45		
The osteoporotic tsunami: Trends in geriatric fracture prevention and fixation Osteoporosis Industry Symposium DePuy Synthes & Eli Lilly	Open tibia fractures: Reducing the frequency of revisions Trauma lower limb Industry Symposium Medtronic	Treatment of high energy injuries – Key priorities for intervention Trauma lower limb Industry Symposium Orthofix	Journey "Normal is exceptional" Sports / Knee soft-tissue Industry Symposium Smith & Nephew			13:00		
						13:15		
						13:30		
						13:45		
						14:00		
Osteoarthritis hip and knee General Orthopaedics / complications / basic science / technology Free Paper Session	Antimicrobial treatment in wounds Hip Speciality Session EWMA	Treatment of ageing spine Spine (incl. trauma) Instructional Lecture	Femoral neck vascularity and head necrosis Hip Free Paper Session	DDH: Before walking age Paediatrics Interactive Expert Exchange	Surgical treatment of soft tissue sarcoma Bone and joint tumours Instructional Lecture	14:30		
						14:45		
						15:00		
						15:15		
Break – Visit of the industry exhibition					BREAK	15:30		
						15:45		
FORTE session General education Speciality Session FORTE	Nurse session General education Nurse Session Programme on page 53	Degenerative conditions Spine (incl. trauma) Free Paper Session	Hip arthroplasty: Technique 1 Hip Free Paper Session		Prostheses and infection in arthritis patients Infection Speciality Session ERASS	16:00		
								16:15
								16:30
								16:45
					17:00			
					17:15			
					17:30			
					17:45			
				18:00				
		18:15						
		18:30						
Welcome Reception for delegates and registered accompanying persons – Paris Auditorium & Foyer B2								

09:00 – 10:30

Knee osseous

SYMPOSIUM	PAINFUL KNEE AFTER TKA	Room Munich
09.00–10.30	Organiser: Sur, Hakki (Turkey)	
	The painful TKA: causes and diagnostic algorithm for failure analysis Speaker: Hofmann, Siegfried (Austria)	
	Painful instability Speaker: Victor, Jan (Belgium)	
	Malalignment of the components and pain after TKA Speaker: Hernigou, Philippe (France)	
	Anterior knee pain after TKA Speaker: Sur, Hakki (Turkey)	

Trauma lower limb

SYMPOSIUM	PERIPROSTHETIC FRACTURES IN THE LOWER LIMB	Room Barcelona
09.00–10.30	Organiser: Bégué, Thierry (France)	
	Revision arthroplasty with long stems in periprosthetic fractures Speaker: Macheras, George (Greece)	
	Total femoral replacement in periprosthetic fractures Speaker: Stöckl, Bernd (Austria)	
	Clinical outcomes after periprosthetic fractures around the hip Speaker: Zuurmond, Rutger (Netherlands)	
	Influence of fracture type for the choice of osteosynthesis in PFF Speaker: Haas, Norbert (Germany)	

ESPA – European Society of Pelvic and Acetabular Surgery



Polytrauma/Pelvis

SPECIALITY SESSION	POSTTRAUMATIC AND CHRONIC CONDITIONS PELVIS AND ACETABULUM	Room Brussels
09.00–10.30	Moderators: Pohlemann, Tim (Germany), Giannoudis, Peter (United Kingdom)	
	Insufficiency fractures posterior pelvis ring – increasing importance in an aging population Speaker: Rommens, Pol Maria (Germany)	
	Symphysitis pubis in athletes – Standardized diagnostics and novel treatment strategies Speaker: Hopp, Sascha (Germany)	
	Chronic and postpartal SI-joint pain/degeneration – Assessment, treatment options and surgical fusion techniques Speaker: Giannoudis, Peter (United Kingdom)	
	Early and late avulsion injuries around the pelvis – Assessment, decision making and treatment Speaker: Oransky, Michele (Italy)	
	Posttraumatic Acetabular Cartilage damage – Hip preservation techniques Speaker: Pohlemann, Tim (Germany)	

09:00 – 10:30

Shoulder/elbow, arm/forearm

FREE PAPER	SHOULDER PROSTHETICS	Room Helsinki
09.00–10.30	Moderators: Moro, Fabrizio (Switzerland), Demirhan, Mehmet (Turkey)	
	Evaluation of intra-operative contact forces experienced on trialing components during RSA Authors: Schmidig, Gregg / Nelson, Andrew / McGovern, Michael / Scholl, Laura / Thakore, Mayur Speaker: Thakore, Mayur (United States)	
	Comparison of clinical metric scores evaluating outcomes in reverse shoulder arthroplasty Authors: Flurin, Pierre Henri / Wright, Thomas / Zuckerman, Joseph / Christensen, Matt / Johnson, Diane / Roche, Chris / Marczuk, Yann Speaker: Marczuk, Yann (France)	
	Short stem shoulder prosthesis – Results of a European multicentre study Authors: Joudet, Thierry / Kelly, Cormac / Nyffeler, Richard / Irlenbusch, Ulrich / Pap, Géza Speaker: Pap, Géza (Germany)	
	Clinical outcome of reverse total shoulder arthroplasty combined with latissimus dorsi transfer Authors: Catanzaro, Sabrina / Gerber, Christian / Puskas, Gabor Speaker: Puskas, Gabor (Switzerland)	
	Glenoid fixation using two different reverse shoulder designs with an equivalent center of rotation in a low and high density bone substitute Authors: Stroud, Nick / Martin, Brian / Flurin, Pierre Henri / Zuckerman, Joseph / Marczuk, Yann / Steiler, Cindy / Roche, Chris / Wright, Thomas Speaker: Wright, Thomas (United States)	
	Clinical outcome of revision surgery for failed humeral head replacement following shoulder trauma Authors: Beckles, Verona / Lambert, Simon / Uri, Ofir Speaker: Uri, Ofir (United Kingdom)	
	Revision shoulder arthroplasty for failed surface replacement Authors: Malhotra, Akshay / Hay, Stuart / Kelly, Cormac / Jaiswal, Anuj Speaker: Jaiswal, Anuj (United Kingdom)	
	The outcome of revision shoulder arthroplasty using an inverse design: What can we expect? Authors: Blocher, Martina / Tauber, Mark / Matis, Nicholas / Resch, Herbert / Ortmaier, Reinhold Speaker: Ortmaier, Reinhold (Austria)	
	Comparison of scapula bone removal when correcting a posterior defect using 3 different glenoid prosthesis designs Authors: Wright, Thomas / Marczuk, Yann / Zuckerman, Joseph / Diep, Phong / Greene, Alex / Roche, Chris / Flurin, Pierre Henri Speaker: Flurin, Pierre Henri (France)	

Hand and wrist

FREE PAPER	DISTAL RADIUS FRACTURES	Room Lisbon
09.00–10.30	Moderators: Kopylov, Philippe (Sweden), Luchetti, Riccardo (Italy)	
	Reliability and reproducibility of classifications for distal radius fractures Authors: Kumbharaci, Mert / Gunay, Huseyin / Levent, Karapinar / Orman, Mehmet / Ozdemir, Oguz / Kucuk, Levent Speaker: Kucuk, Levent (Turkey)	
	Utility of the sonographic evaluation of pronator quadratus muscle in occult bone injury following trauma Authors: Takeda, Mitsuhiro / Ishii, Yoshinori / Noguchi, Hideo / Sato, Junko Speaker: Sato, Junko (Japan)	
	Comparison of polyaxial and uniaxial locking systems for the treatment of distal radius fractures Authors: Chou, Daud / Hambidge, John / Al-Mouazzen, Louay Speaker: Al-Mouazzen, Louay (United Kingdom)	
	The 'carpal shoot through view': Identification of dorsal screw penetration during volar locking plate fixation of distal radius fractures Authors: Sauvé, Phillip / Hobbs, Chris / Marsland, Daniel Speaker: Marsland, Daniel (United Kingdom)	

09:00 – 10:30

Intraoperative radial groove view to prevent complications of extensor pollicis longus tendon by prominent screw following after volar plating for distal radius fractures

Authors: Lee, Sang Ki

Speaker: Lee, Sang Ki (Korea, Republic of)

Wrist denervation of the posterior interosseous nerve through a volar approach: A new technique with anatomical considerations

Authors: Dreu, Manuel / Dolcet, Claudia / Sadoghi, Patrick / Grechenig, Stephan / Champion, Miranda / Grechenig, Wolfgang / Lidder, Surjit

Speaker: Lidder, Surjit (United Kingdom)



Have the results improved after distal radius fracture? The one-year DASH subjective outcome score between 2002–2010

Authors: Kopylov, Philippe / Abramo, Antonio / Tägil, Magnus / Landgren, Marcus

Speaker: Landgren, Marcus (Sweden)

Functional outcomes in distal radius fracture research: Which instrument should we use? A systematic review on measurement properties using COSMIN

Authors: Kleinlugtenbelt, Y. V. / Poolman, Rudolf / Scholtes, V. A. / Nienhuis, R. W.

Speaker: Nienhuis, R. W. (Netherlands)

Perioperative factors affecting patient reported functional outcomes post internal fixation of distal radius fractures

Authors: Chennagiri, Ramesh / Graham, Alastair / Bakti, Nik

Speaker: Bakti, Nik (United Kingdom)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM

ORTHOPAEDIC MANAGEMENT IN PATIENTS WITH HAEMOPHILIA

Room Florence

09.00–10.30

Organiser: Aydogdu, Semih (Turkey)

Conservative or surgical management: how to decide?

Speaker: Seuser, Axel (Germany)

Isotopes inside the joints: how and how long do they work?

Speaker: Aydogdu, Semih (Turkey)

Surgery around the joints: From synovia to the bone

Speaker: Kiliçoglu, Önder (Turkey)

Arthroplasty issues: good, better and the worst.

Speaker: Solimeno, Luigi (Italy)

EORS – European Orthopaedic Research Society



Hip

SPECIALITY SESSION

WHAT IS THE CURRENT STATUS OF METAL-ON-METAL HIP REPLACEMENT

Room Nice

09.00–10.30

Moderators: Blom, Ashley (United Kingdom), Gill, Richie (United Kingdom)

An Update on Metal-on-Metal from the National Joint Registry of England and Wales.

Speaker: Blom, Ashley (United Kingdom)

Frictional Consequences of Using Large Diameter THR Bearings.

Speaker: Morlock, Michael (Germany)

What are the Underlying Reasons for Soft Tissue Reaction?

Speaker: Gill, Richie (United Kingdom)

Metal-on-Metal in the Netherlands: A Perspective from the Dutch Orthopaedic Society.

Speaker: Verheyen, Cees (Netherlands)

Why there is a Continuing Role for Metal-on-Metal in Hip Replacement.

Speaker: Girard, Julien (France)



09:00 – 10:30

Spine (incl. trauma)		
SYMPOSIUM 09.00–10.30	PREOPERATIVE EVALUATION AND MANAGEMENT OF PATIENTS WITH OSTEOARTHRITIS OF THE SPINE, HIP AND KNEE Organiser: Hamzaoglu, Azmi (Turkey)	Room Vienna
	Importance of sagittal balance in patients with osteoarthritis of spine, hip and knee and its impact on surgical treatment Speaker: Oner, Cumhur (Netherlands)	
	Spine-hip-knee syndrome. How to diagnose where pain comes from? Speaker: Sirvanci, Mustafa (Turkey)	
	Osteoarthritis of spine, hip and knee; from arthroplasty surgeon point of view Speaker: Gogus, Abdullah (Turkey)	
	Osteoarthritis of spine, hip and knee; from spinal surgeon point of view Speaker: Oner, Cumhur (Netherlands)	

Hip		
SYMPOSIUM 09.00–10.30	TECHNICAL ASPECTS OF TOTAL HIP ARTHROPLASTY IN DDH Organiser: Tözün, İsmail Remzi (Turkey)	Room Madrid
	Surgical approaches and soft tissue releases/balancing in THA Speaker: Karachalios, Theofilos (Greece)	
	Placement and fixation acetabular component Speaker: Binazzi, Roberto (Italy)	
	Femoral shortening and choice of femoral component Speaker: Sener, Nadir (Turkey)	
	Perioperative complications and solutions Speaker: Togrul, Emre (Turkey)	

Paediatrics		
SYMPOSIUM 09.00–10.30	SUPRACONDYLAR FRACTURES OF THE ELBOW IN CHILDREN: STILL A CHALLENGING PROBLEM? Organisers: Ağuş, Haluk (Turkey), Cassiano Neves, Manuel (Portugal)	Room Copenhagen
	Introduction: Clinical evaluation and diagnosis: Image evaluation Speaker: Cassiano Neves, Manuel (Portugal)	
	Common Pitfalls: Evaluation of the reduction on x-ray, methods of reduction, factors affecting the stability Speaker: Ramachandran, Manoj (United Kingdom)	
	Conservative treatment methods Speaker: Odat, Mahmoud M. (Jordan)	
	How to fix Speaker: Slongo, Teddy (Switzerland)	
	Indications for open reduction Speaker: Wirth, Thomas (Germany)	
	Management of complicated supracondylar fracture Speaker: Ağuş, Haluk (Turkey)	
	Late complications of supracondylar fractures Speaker: Cassiano Neves, Manuel (Portugal)	
	Discussion & closing remarks Speaker: Ağuş, Haluk (Turkey)	

09:00 – 10:30

Bone and joint tumours

SYMPOSIUM STATUS OF THE ART: LOWER LIMB RECONSTRUCTION IN ORTHOPAEDIC ONCOLOGY Room Berlin

09.00–10.30 Organiser: Windhager, Reinhard (Austria)

Biological reconstruction
Speaker: Ruggieri, Pietro (Italy)

Endoprosthetic replacement
Speaker: Funovics, Philipp (Austria)

Pelvic reconstruction
Speaker: Grimer, Robert (United Kingdom)

Growing prosthesis
Speaker: Cannon, Stephen (United Kingdom)

11:00 – 12:00

Knee osseous

INSTRUCTIONAL EARLY OA IN THE KNEE FROM CONSERVATIVE TO SURGICAL TREATMENT Room Munich

LECTURE Moderator: Doral, Mahmut Nedim (Turkey) / Engebretsen, Lars (Norway)

11.00–12.00

Trauma lower limb

INSTRUCTIONAL MANAGEMENT OF PROXIMAL TIBIAL FRACTURES Room Barcelona

LECTURE Moderator: Bégué, Thierry (France)

11.00–12.00

Speaker: Garnavos, Christos (Greece)

General education

CLINICAL CASES CLINICAL CASES: TRAUMA Room Brussels

11.00–12.00 Moderators: Kinik, Hakan (Turkey) / Muñoz Vives, Josep María (Spain)

Delayed operative treatment of clavicle fractures and an association with brachial plexus injury
Authors: Singh, Vinay / Singh, Jagwant / Fox, Michael / Jeyaseelan, Luckshmana
Speaker: Jeyaseelan, Luckshmana (United Kingdom)

Abnormal distribution of Median nerve during an ORIF of distal radius fracture
Authors: Kerr, Gregor / Suzangar, Mehdi
Speaker: Suzangar, Mehdi (United Kingdom)

Vascular injury secondary to low-energy pelvic fracture
Authors: Anania, Andres / Ortega, Jorge / Sabatella, Carlos / Diaz, Ramiro
Speaker: Diaz, Ramiro (Argentina)

The first described case of an atypical femoral peri-prosthetic fracture secondary to bisphosphonate use
Authors: Blake, Stephen / Awad, Ashraf
Speaker: Awad, Ashraf (United Kingdom)

How to salvage an intraoperative femur fracture occurred during application of a motorised lengthening nail
Authors: Seker, Ali / Kanar, Muharrem / Eren, Osman / Sezer, Hasan Basri / Armagan, Raffi
Speaker: Armagan, Raffi (Turkey)

Brachial artery embolism: A very rare complication following non-union of a midshaft clavicle fracture
Authors: Charalambous, Charalambos / Perricone, Vittorio / Burgess, Elizabeth / Sangers, Bheem / Hassan, Syed
Speaker: Hassan, Syed (United Kingdom)

11:00 – 12:00

Shoulder/elbow, arm/forearm

COMPLEX CASE DISCUSSION **FRACTURES AROUND THE SHOULDER AND ELBOW** Room Helsinki
Organiser: Sanderhoff Olsen, Bo (Denmark)
11.00–12.00

Treatment of cavitas fractures and scapula fractures
Speaker: Moro, Fabrizio (Switzerland)

Treatment of fractures of the proximal humerus
Speaker: Adolfsson, Lars (Sweden)

Treatment of fractures of the distal humerus
Speaker: Stanley, David (United Kingdom)

Treatment of fracture dislocations of the elbow
Speaker: Belling Sørensen, Anne Kathrine (Denmark)

Hand and wrist

INSTRUCTIONAL LECTURE **THE FOREARM JOINT** Room Lisbon
Moderator: Szabó, Zsolt (Hungary)
11.00–12.00

Speaker: Dumontier, Christian (France)

General Orthopaedics / complications / basic science / technology

CLINICAL CASES **CLINICAL CASES: BASIC SCIENCES** Room Florence
Moderators: Gómez Barrena, Enrique (Spain), Overgaard, Søren (Denmark)
11.00–12.00

Low energy femoral shaft fractures after long term alendronate therapy. A report of 6 cases
Authors: Papagelopoulos, Panagiotis / Karamanis, Eirinaios / Mavrogenis, Andreas / Kokkalis, Zinon / Stavropoulos, Nikolaos / Ballas, Efsthios
Speaker: Stavropoulos, Nikolaos (Greece)

Finger foot phalanx metastasis revealing occult pulmonary adenocarcinoma
Authors: Parchi, Paolo / Lisanti, Michele / Andreani, Lorenzo / Piolanti, Nicola
Speaker: Andreani, Lorenzo (Italy)

Ewing sarcoma on phalanx of the finger of a hand in an infant: Two cases
Authors: Bianco, Daniel / Llauro, Marta / Cavanilles, José María / Iborra, Miquel / Matas, Mariano / Alberti, Gloria / Ramos, Luis / Yáñez, Federico
Speaker: Yáñez, Federico (Spain)

Brown tumor of talus: A case presentation
Authors: Sever, Cem / Seker, Ali / Eren, Osman / Sezer, Hasan Basri / Armagan, Raffi
Speaker: Armagan, Raffi (Turkey)

A case report of Anterior Cruciate Ligament complicated by Pyoderma Gangrenosum
Authors: Smith, J. / Geutjens, G. / Bagouri, Elmunzar
Speaker: Bagouri, Elmunzar (United Kingdom)

Case report: Unnecessary arthroplasty avoided by cessation of statin therapy
Authors: Chambers, Simon / Brewster, Nigel / Partridge, Thomas
Speaker: Partridge, Thomas (United Kingdom)

Osteoporosis

INSTRUCTIONAL LECTURE **THE EVIDENCE FOR MEDICAL TREATMENT FOR TERTIARY PROPHYLAXIS OF OSTEOPOROSIS** Room Nice
Moderator: Dreinhöfer, Karsten (Germany)
11.00–12.00

Speaker: Brixen, Kim (Denmark)

11:00 – 12:00

Spine (incl. trauma)

DEBATE FORUM CONSERVATIVE VERSUS SURGICAL TREATMENT OF THORACOLUMBAR JUNCTION BURST FRACTURES Room Vienna
11.00–12.00

Organiser: Berk, Haluk (Turkey)

Conservative management
Speaker: Alanay, Ahmet (Turkey)

Surgical management
Speaker: Kandziora, Frank (Germany)

Hip

INSTRUCTIONAL LECTURE TREATMENT OF EARLY AND LATE INFECTION FOLLOWING THA Room Madrid
11.00–12.00 Moderator: Wirtz, Dieter (Germany)

Speaker: Cordero-Ampuero, José (Spain)

Paediatrics

DEBATE FORUM FLEXIBLE FLAT FOOT IN CHILDREN – TO OPERATE OR NOT TO OPERATE? Room Copenhagen
11.00–12.00 Organiser: Krauspe, Rüdiger (Germany)

Flexible flat foot: Do not operate
Speaker: Böhm, Stephanie (Sweden)

Flexible flat foot: Perfect results after operative treatment
Speaker: de Pellegrin, Maurizio (Italy)

Bone and joint tumours

FREE PAPER TUMOUR 1 Room Berlin
11.00–12.00 Moderators: Hiz, Murat (Turkey), Jäger, Marcus (Germany)

Angle stable intramedullary polymer for rapid stabilization of pathological fractures of the upper limb
Authors: Gick, Sascha / Pennig, Dietmar / Heck, Steffen
Speaker: Heck, Steffen (Germany)

Massive endoprosthetic replacement for bone metastases resulting from renal cell carcinoma: factors associated with patient survival
Authors: Nandra, Rajpal / Grimer, Robert / Hwang, Nicholas
Speaker: Hwang, Nicholas (United Kingdom)

Histone deacetylase inhibitors as potential therapeutic targets for chordomas: An immunohistochemical and functional analysis
Authors: Lohberger, Birgit / Froehlich, Elke / Rinner, Beate / Beham, Alfred / Quehenberger, Franz / Varga, Peter / Kaltenecker, Heike / Haybaeck, Johannes / Leithner, Andreas / Liegl, Bernadette / Scheipl, Susanne
Speaker: Scheipl, Susanne (Austria)

Adequate assessment and appropriate referral in metastatic bone disease
Authors: Sharma, Rajeev / Bhaskar, Deepu / Rudd, Pandora
Speaker: Rudd, Pandora (United Kingdom)

Capabilities and limitations of fDG PET/CT for monitoring soft tissue tumors
Authors: Takada, Jun / Oebisu, Naoto / Nakamura, Hiroaki / Hoshi, Manabu
Speaker: Hoshi, Manabu (Japan)

Postoperative infection after reconstruction using liquid nitrogen treated tumor-bearing bone
Authors: Shirai, Toshiharu / Nishida, Hideji / Hayashi, Katsuhiro / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Igarashi, Kentaro / Kato, Takashi / Tsuchiya, Hiroyuki / Shimozaki, Shingo / Yamamoto, Norio
Speaker: Yamamoto, Norio (Japan)

14:30 – 15:30

Knee osseous

FREE PAPER **TKA – PERIOPERATIVE CONSIDERATIONS** **Room Munich**

14.30–15.30 **Moderators: Murray, David (United Kingdom), Thienpont, Emmanuel (Belgium)**

Standards for the Oxford knee score following total and unicompartmental knee replacement

Authors: Robb, Curtis / Pynsent, Paul / Matharu, Gulraj

Speaker: Matharu, Gulraj (United Kingdom)

The new knee society score: Clinimetric quality in TKA patients

Authors: Heyligers, I. / Grimm, B. / Senden, R. / Dinjens, R.

Speaker: Dinjens, R. (Netherlands)

Pre-operative radiographic classification of arthritis effecting the knee and long term outcomes following Total Knee Arthroplasty

Authors: Curran, Dominic / Ballantyne, James / Stone, Oliver

Speaker: Stone, Oliver (United Kingdom)

Poorer outcomes of Total Knee Replacement in early radiological stages of osteoarthritis

Authors: McLauchlan, George / Childs, James / Peck, Christopher

Speaker: Peck, Christopher (United Kingdom)

Bilateral Total Hip and Knee Arthroplasty. A nationwide study

Authors: Jørgensen, Christoffer / Husted, Henrik / Kehlet, Henrik / Lindberg-Larsen, Martin

Speaker: Lindberg-Larsen, Martin (Denmark)

Influence of preoperative psychological distress in pain, function and quality of life after Total Knee Arthroplasty

Authors: De la Torre-Escuredo, Basilio / Asúnsolo-Del Barco, Ángel / Utrillas-Compained, Alfonso

Speaker: Utrillas-Compained, Alfonso (Spain)

Trauma upper limb

FREE PAPER **INJURIES AROUND THE ELBOW** **Room Barcelona**

14.30–15.30 **Moderators: Kiss, Jenő (Hungary), Aktuglu, Kemal (Turkey)**

Results in 105 paediatric lateral humeral condyle fractures treated with open reduction internal fixation

Authors: Pagkalos, Joseph / Lepetos, Panagiotis / Antonis, Konstantinos / Flieger, Ioannis / Tsiridis, Eleftherios / Leonidou, Omiros / Graham, Simon / Leonidou, Andreas

Speaker: Leonidou, Andreas (United Kingdom)

Terrible triad of the elbow. Review of 18 cases

Authors: Berenguer Sánchez, Alex / Huguet Boqueras, Jordi / Valls-Mellado, Marc

Speaker: Valls-Mellado, Marc (Spain)

Anatomical preshaped olecranon plates. Are they anatomical?

Authors: Anastasopoulos, Nikolaos / Paraskevas, George / Kiriakidis, Anastasios / Natsis, Konstantinos / Koeke, Juergen / Totlis, Trifon

Speaker: Totlis, Trifon (Greece)

The management of comminuted Mason type 3 radial head fractures with open reduction and internal fixation: A case series

Authors: Krkovic, Matija / Hill, Christopher

Speaker: Hill, Christopher (United Kingdom)

Fixation of olecranon fractures and osteotomies using compression screws: A report of 9 cases

Authors: Khan, Wasim / Grimes, Lisa / Schenk, Willem / Haddad, Behrooz

Speaker: Haddad, Behrooz (United Kingdom)

Simple elbow dislocations: Management, direct medical cost and clinical outcome

Authors: Morell, D. / Kanakaris, Nikolaos / Tan, H. / Giannoudis, Peter / Panteli, Michalis

Speaker: Panteli, Michalis (United Kingdom)

14:30 – 15:30

Polytrauma/Pelvis

INSTRUCTIONAL LECTURE

SURGICAL TREATMENT OF PELVIC FRACTURES

Room Brussels

Moderator: Stöckle, Ulrich (Germany)

14.30–15.30

Speaker: Lindahl, Jan Erik (Finland)

Shoulder/elbow, arm/forearm

FREE PAPER

SHOULDER – MISCELLANEOUS

Room Helsinki

14.30–15.30

Moderators: Miozzari, Hermes (Switzerland), Atalar, Ata Can (Turkey)

Progressive displacement after clavicle fracture: Prospective observational study

Authors: Jacobson, Aaron / Cole, Peter / Gauger, Erich

Speaker: Gauger, Erich (United States)

New radiographic index for the adequate diagnosis of posterior acromioclavicular joint dislocations

Authors: Villalon, Ignacio / Vaisman, Alex

Speaker: Vaisman, Alex (Chile)

Isolated Latissimus Dorsi transfer to restore shoulder external rotation in adults with brachial plexus injury

Authors: Fox, Michael / Ghosh, Subhajit

Speaker: Ghosh, Subhajit (United Kingdom)

Chitosan fibre scaffold for tendon tissue engineering and repair in shoulder surgery

Authors: Aibibu, Dilbar / Farack, Jana / Gelinsky, Michael / Kasten, Philip / Nowotny, Joerg

Speaker: Nowotny, Joerg (Germany)

Anatomic study of the relationship between the transferred muscle and the musculocutaneous nerve after a pectoralis mayor transfer

Authors: Diaz Heredia, Jorge / Murillo González, Jorge / Ávila Lafuente, José / Cuéllar, Ricardo / Sastre, Sergi / Ruiz Iban, Miguel

Speaker: Ruiz Iban, Miguel (Spain)

Influence of temperature on the biomechanical stability of titanium, PEEK, PLLA and β -TCP-PLLA suture anchors tested on human humeri in-vitro in a wet environment

Authors: Mazur, Alexandra / Schröder, Christian / Rossbach, Björn / Ficklscherer, Andreas / Jansson, Volkmar / Müller, Peter /

Pietschmann, Matthias / Gülecüyz, Mehmet

Speaker: Gülecüyz, Mehmet (Germany)

Hand and wrist

FREE PAPER

CARPAL TUNNEL SYNDROME

Room Lisbon

14.30–15.30

Moderators: Kopylov, Philippe (Sweden), Zammit, Jason (Malta)

A study into the use of MRI scans of the cervical spine in the investigative process of those with suspected carpal tunnel syndrome: A retrospective cohort study

Authors: El-Husseiny, Moataz / Levack, Brian / Khalfaoui, Mahdi

Speaker: Khalfaoui, Mahdi (United Kingdom)

Methylprednisolone injection for moderately severe carpal tunnel syndrome: Randomized double-blind placebo-controlled trial

Authors: Flondell, Magnus / Hofer, Manfred / Ranstam, Jonas / Atroshi, Isam

Speaker: Atroshi, Isam (Sweden)

Proximal extension of the flexor retinaculum: A cadaveric study

Authors: Chan, Francis / Pinto, Narendra / Weerasuriya, Thisara

Speaker: Weerasuriya, Thisara (United Kingdom)

Minimally invasive one millimeter approach ultrasound guided carpal tunnel release: External pilot study

Authors: Capa Grasa, Alberto / Villanueva Martínez, Manuel / Rodríguez Maruri, Guillermo / Chana, Francisco / Vaquero Martín, Javier

/ De las Heras, Julio / Rojo Manaute, José

Speaker: Rojo Manaute, José (Spain)

14:30 – 15:30

Minimally invasive one millimeter approach ultrasound guided carpal tunnel release: Anatomic study

Authors: Capa Grasa, Alberto / Villanueva Martinez, Manuel / Chana, Francisco / Rodríguez Maruri, Guillermo / Vaquero Martín, Javier / De las Heras, Julio / Rojo Manaute, José
Speaker: Rojo Manaute, José (Spain)

Can incomplete NCS be gold standard for CTS?

Authors: Kanvinde, Raghunandan / Sans, Roberto / Kubaitis, Viktoras
Speaker: Kubaitis, Viktoras (United Kingdom)

General Orthopaedics / complications / basic science / technology

FREE PAPER **OSTEOARTHRITIS HIP AND KNEE** **Room Florence**

14.30–15.30 **Moderators: Arazi, Mehmet (Turkey), Karachalios, Theofilos (Greece)**

Proton magnetic resonance spectroscopy of the thalamus in patients with osteoarthritis of the hip joint

Authors: Kishida, Shunji / Nakamura, Junichi / Takahashi, Kazuhisa / Shigemura, Tomonori
Speaker: Shigemura, Tomonori (Japan)

Secretion of interleukin 1 – beta, adiponectin and leptin in chondrocytes and synovial fibroblasts from knees with osteoarthritis and Anterior Cruciate Ligament deficiency

Authors: Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Kokoszka, Pawel / Malendowicz, Ludwik / Ziolkowska, Agnieszka / Lapaj, Lukasz
Speaker: Lapaj, Lukasz (Poland)

Role of pit-1 in In Vitro models of osteoarthritis: A new therapeutic target?

Authors: Michea, Luis / Goecke, Annelise / Martínez, Catalina / Martínez, Rafael
Speaker: Martínez, Rafael (Chile)

Intra-articular and blood lymphocyte markers and their usefulness as indicators of the earlier forms of osteoarthritis

Authors: Santos Rosa, Manuel / Fonseca, Fernando / Oliveira, João Pedro
Speaker: Oliveira, João Pedro (Portugal)

PRP injections versus viscosupplementation for early knee osteoarthritis: A randomized double-blind trial

Authors: Filardo, Giuseppe / Di Martino, Alessandro / Di Matteo, Berardo / Perdisa, Francesco / Merli, Maria Letizia / Marcacci, Maurilio / Patella, Silvio / Kon, Elizaveta
Speaker: Kon, Elizaveta (Italy)

Growth factors rich plasma-emerging management options for osteoarthritis knees

Authors: Sharma, Rakesh
Speaker: Sharma, Rakesh (India)

EWMA – European Wound Management Association



Hip
SPECIALITY SESSION **ANTIMICROBIAL TREATMENT IN WOUNDS** **Room Nice**

14.30–15.30

Presentation of the EWMA antimicrobial document

Speaker: Gottrup, Finn (Denmark)

Controversies and issues in the use of antimicrobial treatment of wounds

Speaker: Cooper, Rose (United Kingdom)

Evidence for the use of antimicrobial

Speaker: Apelqvist, Jan (Sweden)

14:30 – 15:30

Spine (incl. trauma)

**INSTRUCTIONAL
LECTURE**

TREATMENT OF AGEING SPINE

Room Vienna

14.30–15.30

Moderator: Pellisé Urquiza, Ferran (Spain)

Speaker: Aebi, Max (Switzerland)

Hip

FREE PAPER

FEMORAL NECK VASCULARITY AND HEAD NECROSIS

Room Madrid

14.30–15.30

Moderators: García-Cimbrelo, Eduardo (Spain), Beyzadeoglu, Tahsin (Turkey)

Effect of corticosteroid in the development of osteonecrosis of the femoral head

Authors: Katada, Ryuichi / Mizuo, Keisuke / Sasaki, Mikito / Watanabe, Satoshi / Yamashita, Toshihiko / Matsumoto, Hiroshi / Nagoya, Satoshi / Okazaki, Shunichiro

Speaker: Okazaki, Shunichiro (Japan)

Quantitative transverse relaxation time (T2) mapping of asymptomatic osteonecrosis of the femoral head in systemic lupus erythematosus patients

Authors: Watanabe, Atsuya / Harada, Yoshitada / Iida, Satoshi / Nakamura, Junichi / Ohtori, Seiji / Kishida, Shunji / Takahashi, Kazuhisa / Wada, Yuichi / Yamamoto, Shinji

Speaker: Yamamoto, Shinji (Japan)

Toll-like receptor signaling pathway plays a crucial role in the pathogenesis of corticosteroid-induced osteonecrosis of the femoral head

Authors: Mizuo, Keisuke / Sasaki, Mikito / Watanabe, Satoshi / Yamashita, Toshihiko / Matsumoto, Hiroshi / Nagoya, Satoshi / Katada, Ryuichi / Okazaki, Shunichiro

Speaker: Okazaki, Shunichiro (Japan)

A minimum two-year follow-up study of concentrated autologous bone marrow aspirate transplantation (CABMAT) treatment for early stage osteonecrosis of the femoral head (ONFH)

Authors: Mishima, Hajime / Sugaya, Hisashi / Aoto, Katsuya / Li, Meihua / Yoshioka, Tomokazu / Sakai, Shinsuke / Akaogi, Hiroshi / Sakane, Masataka / Yamazaki, Masashi / Ochiai, Naoyuki / Kumagai, Hiroshi

Speaker: Kumagai, Hiroshi (Japan)

Prevalence of the acetabular dysplasia in patients with osteonecrosis who underwent Total Hip Arthroplasty

Authors: Miura, Yoko / Tamaki, Tatsuya / Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Kaneyama, Ryutaku / Ueda, Yusuke

Speaker: Ueda, Yusuke (Japan)

Sartorius muscle pedicle iliac bone graft for the treatment of avascular necrosis of the femoral head

Authors: Ömeroglu, Hakan / Seber, Sinan / Köse, Nusret

Speaker: Köse, Nusret (Turkey)

Bone and joint tumours

**INSTRUCTIONAL
LECTURE**

SURGICAL TREATMENT OF SOFT TISSUE SARCOMA

Room Berlin

14.30–15.30

Moderator: Szendrői, Miklos (Hungary)

Speaker: Capanna, Rodolfo (Italy)

14:30 – 16:30

Paediatrics

INTERACTIVE
EXPERT
EXCHANGE

14.30–16.30

DDH: BEFORE WALKING AGE

Room Copenhagen

Organisers: Graf, Reinhard (Austria), Ömeroglu, Hakan (Turkey)

The importance of early diagnosis in DDH
Speaker: Seidl, Tamara (Germany)

The effects of newborn ultrasonographic hip screening program on therapeutic outcomes and other aspects in DDH
Speaker: Grill, Franz (Austria)

The use of abduction orthosis in DDH
Speaker: Dungal, Pavel (Czech Republic)

Closed reduction under general anesthesia before walking age in DDH
Speaker: Synder, Marek (Poland)

Open reduction before walking age in DDH
Speaker: Tümer, Yücel (Turkey)

16:00 – 17:30

Knee osseous

FREE PAPER

16.00–17.30

OSTEOTOMIES AROUND THE KNEE

Room Munich

Moderators: Hofmann, Siegfried (Austria), Atilla, Bülent (Turkey)

Tibial osteotomy for knees with medial osteoarthritis. A prospective study with 6 years follow-up
Authors: Nerhus, Tor Kjetil / Dimmen, Sigbjørn / Heir, Stig / Ekland, Arne
Speaker: Ekland, Arne (Norway)

Distal femoral osteotomy for knees with lateral osteoarthritis – A prospective study with 6 years follow-up
Authors: Nerhus, Tor Kjetil / Dimmen, Sigbjørn / Heir, Stig / Ekland, Arne
Speaker: Ekland, Arne (Norway)

Opening wedge high tibial osteotomy – The effects of body mass index on early clinical results
Authors: Wilson, Adrian / Risebury, Michael / Thomas, Neil / Brown, Matthew / Gould, Anthony / Rossiter, Nigel / Cox, George
Speaker: Cox, George (United Kingdom)

Early full weight-bearing in open-wedge high tibia valgus osteotomy: A randomized, controlled RSA trial with 2 years follow-up
Authors: Laursen, Mogens / Hansen, Thomas / Nielsen, Poul Torben / Laursen, Anders Christian
Speaker: Laursen, Anders Christian (Denmark)

A modified (retro-tubercle) opening-wedge high tibial osteotomy versus the conventional technique
Authors: Keyhani, Sohrab / Madadi, Firooz / Safdari, Farshad / Kazemi, Seyyed Morteza
Speaker: Kazemi, Seyyed Morteza (Iran, Islamic Republic of Islamic Republic Of)

Patient reported pain, function and quality of life after high tibial osteotomy by the hemicallotasis technique: A preoperatively to 5 years follow-up study in 197 patients
Authors: Robertsson, Otto / Hjartarson, Hjörtur / Toksvig-Larsen, Sören / W-Dahl, Annette
Speaker: W-Dahl, Annette (Sweden)

The hockey stick osteotomy
Authors: Al Rawi, Maher
Speaker: Al Rawi, Maher (United Arab Emirates)

Total Knee Replacement following high tibial osteotomy versus Total Knee Replacement without high tibial osteotomy: A systematic review and Meta analysis
Authors: Anand, Sanjeev / Jennings, Andrew / Ramappa, Manjunath
Speaker: Ramappa, Manjunath (United Kingdom)

Dome osteotomy and Total Knee Arthroplasty
Authors: Montserrat Ramón, Ferran / Torres-Claramunt, Raúl / Gil González, Sergi / Guirro Castellnou, Pau / Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Puig Verdié, Lluís / Sánchez-Soler, Juan Francisco
Speaker: Sánchez-Soler, Juan Francisco (Spain)

16:00 – 17:30

Trauma upper limb		
FREE PAPER	HUMERUS FRACTURES	Room Barcelona
16.00–17.30	Moderators: Babst, Reto (Switzerland), Durak, Kemal (Turkey)	
	Translation between the Neer classification and the AO/OTA classification for proximal humeral fractures: Do we need to be bilingual to interpret the scientific literature? Authors: Eckardt, Henrik / Audigé, Laurent / Rolaufts, Bernd / Bahrs, Christian / Brorson, Stig Speaker: Brorson, Stig (Denmark)	
	Can we predict the outcome of displaced proximal humeral fractures? Authors: Ruiz, Aina / Santana, Fernando / Miquel, Joan / Torrens, Carlos / Aliet, Albert Speaker: Aliet, Albert (Spain)	
	Does fracture of the dominant shoulder has any effect on functional and quality of life outcome? Authors: Isart, Anna / Sánchez-Soler, Juan Francisco / Santana, Fernando / Puig Verdí, Lluís / Torrens, Carlos Speaker: Torrens, Carlos (Spain)	
	Comparison study of different approach (Delto-pectoral approach and Deltoid-splitting approach) for proximal humeral fractures Authors: Kim, Byoung-Gook / Kim, Jae-Hwa / Lee, Yun-Seok / Han, Suhong / Dan, Jinmyoung Speaker: Dan, Jinmyoung (Korea, Republic of)	
	Intramedullary locking nail versus angle-stable locking compression plate osteosynthesis in the treatment of two and three-part fractures of the proximal humerus in the elderly Authors: Prejbeanu, Radu / Vermesan, Dinu / Prejbeanu, Marius / Pujo, Ermir / Sarbu, Partenie / Deleanu, Bogdan Speaker: Deleanu, Bogdan (Romania)	
	Screw augmentation in locked plating of proximal humerus fractures. A biomechanical In Vitro study Authors: Scola, A. / Schmoelz, W. / Fliri, L. / Gebhard, Florian / Röderer, Götz Speaker: Röderer, Götz (Germany)	
	Is reverse shoulder arthroplasty appropriate for the treatment of proximal humeral fractures in the elderly?: A systematic review Authors: Patel, Akash / Trigkilidas, Dionysios / Modi, Chetan / Anand, Bobby / Anand, Amarjit Speaker: Anand, Amarjit (United Kingdom)	
	Minimally invasive plate osteosynthesis for humeral shaft fracture: A reproducible technique with the assistance of an external fixator Authors: Oh, Jong-Keon / Kim, Joon-Woo / Yoon, Jong-Pil / Lee, Dong-Joo / Jung, Jae-Wook / Lee, Hyun-Joo / Oh, Chang-Wug Speaker: Oh, Chang-Wug (Korea, Republic of)	
	Conservative treatment of isolated closed humeral shaft fractures using a functional brace Authors: Hambling, Ruth / Divekar, Manish / Sarkar, Saurabh Speaker: Sarkar, Saurabh (United Kingdom)	

Trauma lower limb		
SYMPOSIUM	MANAGEMENT OF COMPLICATIONS IN PROXIMAL FEMORAL FRACTURE	Room Brussels
16.00–17.30	Organiser: Guerado Parra, Enrique (Spain)	
	Management of Osteosynthesis Infection Speaker: Serveev, Sergey (Russia)	
	Management of Osteosynthesis Failure Speaker: Gouin, François (France)	
	Management of Acute Joint Replacement Infection Speaker: Okçu, Güvenir (Turkey)	

16:00 – 17:30

General Orthopaedics / complications / basic science / technology

SYMPOSIUM THE EVIDENCE OF NAVIGATION IN KNEE SURGERY Room Helsinki

16.00–17.30 Organiser: Becker, Roland (Germany)

Computer navigation parameter and clinical outcome in total knee arthroplasty
Speaker: Becker, Roland (Germany)

Robots and patient matched instruments achieve preop plans in knee arthroplasty
Speaker: Cobb, Justin (United Kingdom)

Computer navigation to assess knee kinematic before and after TKA.
Speaker: Zaffagnini, Stefano (Italy)

Navigation: cuts and ligamentous balancing in TKA
Speaker: Neyret, Philippe (France)

Spine (incl. trauma)

FREE PAPER DEGENERATIVE CONDITIONS Room Vienna

16.00–17.30 Moderators: Stuesson, Bengt (Sweden), Alanay, Ahmet (Turkey)

Evaluating the function and physical activity of patients with low back pain using sensor technology
Authors: van Rooij, W. / Heyligers, I. / van Hemert, W. L. / Grimm, B. / Senden, R.
Speaker: Senden, R. (Netherlands)

Pain relief after caudal epidural injection – Does fatty changes in spinal muscle matters?
Authors: Umar, M. / Khan, A. / Osei, N. / Haque, Syed
Speaker: Haque, Syed (United Kingdom)

Short vs long posterior spinal fusion and decompression for degenerative scoliosis associated with neurologic symptoms
Authors: Valli, Federico / Prestamburgo, Domenico / Teli, Marco
Speaker: Teli, Marco (Italy)

Fatty degeneration of back muscles and gait disturbance in elderly patients with spinal kyphosis
Authors: Ozawa, Hiroshi / Aizawa, Toshimi / Koakutsu, Tomoaki / Itoi, Eiji / Nakamura, Takeshi
Speaker: Nakamura, Takeshi (Japan)

Alterations of the kamin triangle area in different lying positions: A magnetic resonance imaging study
Authors: Kantarci, Fatih / Kaynak, Gokhan / Guven, Fatih / Ertan, Sema / Albayram, Sait / Bilisel, Nafiz / Aydingöz, Önder / Botanlioglu, Huseyin
Speaker: Botanlioglu, Huseyin (Turkey)

Does obesity increase the rate of recurrent herniated nucleus pulposus after lumbar microdiscectomy?
Authors: Syme, Grant / Swamy, Girish / Nanjayan, Shashi / Fowler, Andy / Calthorpe, Denis / Quah, Conal
Speaker: Quah, Conal (United Kingdom)

Nerve injury following extreme lateral interbody fusion
Authors: Lykissas, Marios / Hughes, Alexander / Taher, Fadi / Cammisa, Frank / Girardi, Federico / Lebl, Darren / Sama, Andrew / Aichmair, Alexander
Speaker: Aichmair, Alexander (United States)

Anterior cervical interbody fusion with metal trabecular implant: Clinical and radiological evaluation with 5-year minimum follow-up
Authors: Delgado, Jorge Alexsander / Gamez Moreno, Davinia / Fuentes Salguero, Luis / Ruiz Arranz, José Luis
Speaker: Ruiz Arranz, José Luis (Spain)

Expected outcomes and potential complications of surgical treatment of cervical spondylotic myelopathy (CSM)
Authors: Bommireddy, Rajendranadh / Klezl, Zdenek / Bagoury, El Monzer / Sigamoney, Kohila / Sherief, Tamer
Speaker: Sherief, Tamer (United Kingdom)

16:00 – 17:30

Hip		
FREE PAPER	HIP ARTHROPLASTY: TECHNIQUE 1	Room Madrid
16.00–17.30	Moderators: Zagra, Luigi Massimo (Italy), Yercan, Huseyin (Turkey)	
	Equalization of leg length at hip arthroplasty: Do modular femoral necks enable better fine-tuning than non-modular stems? Authors: Kersic, Matej / Dolinar, Drago / Antolic, Vane / Mavcic, Blaz Speaker: Mavcic, Blaz (Slovenia)	
	Both morphotype and etiology influence hip anatomy but not gender Authors: Argenson, Jean-Noël / Flecher, Xavier / Blanc, Guillaume / Pauly, Vanessa / Parratte, Sébastien / Olivier, Matthieu Speaker: Olivier, Matthieu (France)	
	Biomechanical comparison of oblique and step-cut osteotomies of the femur in Total Hip Arthroplasty with femoral shortening Authors: Kiliçoglu, Önder / Dikmen, Göksel / Sariyilmaz, Kerim / Bozdog, Ergun / Sunbuloglu, Emin / Tuna, Meral / Yazicioglu, Onder / Yildiz, Fatih Speaker: Yildiz, Fatih (Turkey)	
	Posterior soft tissue repair fails in osteoarthritis patients operated with total hip arthroplasty Authors: Loiba, Valdemaras / Stucinskas, Justinas / Robertsson, Otto / Wingstrand, Hans / Tarasevicius, Sarunas Speaker: Tarasevicius, Sarunas (Lithuania)	
	Comparison between direct anterior and antero-lateral in Total Hip Arthroplasty. Prospective randomized control trial Authors: Minoda, Yukihide / Ohta, Yoichi / Maki, Takatoshi / Itokazu, Maki / Mizokawa, Shigeichi / Nakamura, Hiroaki / Ikebuchi, Mitsuhiro / Iwaki, Hiroyoshi Speaker: Iwaki, Hiroyoshi (Japan)	
	Direct anterior approach Total Hip Replacement with computer navigation utilizing a new table extension device: A surgical video Authors: Kreuzer, Stefan Speaker: Kreuzer, Stefan (United States)	
	Midterm outcomes of Total Hip Arthroplasty for patients with end-stage hemophilic arthropathy Authors: Lin, Jin / Qian, Wenwei / Guo, Shigong / Feng, Bin / Zhai, Jiliang / Weng, Xisheng Speaker: Zhai, Jiliang (China)	
	Osseointegration of tritanium acetabular components in revision Total Hip Arthroplasty with major acetabular defects Authors: Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza Speaker: Meftah, Morteza (United States)	
	Soft tissue reconstruction combined with medialization of acetabular component for repair of abductor avulsion after failed primary Total Hip Arthroplasty – Surgical technique and follow-up Authors: Dwyer, Tim / Marmor, Meir / Ng, De Juan / Attar, Fahad / Cameron, John / Drexler, Michael Speaker: Drexler, Michael (Canada)	

ERASS – European Rheumatism Arthritis Surgical Society



Infection		
SPECIALITY SESSION	PROSTHESES AND INFECTION IN ARTHRITIS PATIENTS	Room Berlin
16.00–17.30	Moderator: Nelissen, Rob (Netherlands)	
	Biological DMARDS and infection Speaker: Hazes, Mieke (Netherlands)	
	Reumasurgery and DMARDS: decrease and increase Speaker: Schmidt, Klaus (Germany)	
	Infection prevention & treatment in reuma surgery Speaker: Wilkinson, Mark (United Kingdom)	

16:00 – 18:30

FESSH – Federation of European Societies for Surgery of the Hand / EWAS – European Wrist Arthroscopy Society



Hand and wrist

SPECIALITY SESSION	DISTAL RADIUS FRACTURES	Room Lisbon
16.00–18.45	Moderators: Yücetürk, Aydın (Turkey), Szabó, Zsolt (Hungary)	

Indications of closed treatment, percutaneous and ext. fixation
Speaker: Uzumcugil, Akin (Turkey)

Palmar plate fixation
Speaker: Luchetti, Riccardo (Italy)

Dorsal plate fixation
Speaker: Kopylov, Philippe (Sweden)

Fragment – Specific fixation of distal radius
Speaker: Nalbantoglu, Ufuk (Turkey)

Principles to make complications rare
Speaker: Haerle, Max (Germany)

Arthroscopic treatment of complex radius fractures
Speaker: Mathoulin, Christophe (France)

Arthroscopic assisted reduction of simple fractures
Speaker: Branco, José (Portugal)

Associated lesions and Arthroscopy
Speaker: Schmelzer Schmid, Nicole (Switzerland)

FORTE – Federation of Orthopaedic Trainees in Europe



General education

SPECIALITY SESSION	FORTE SESSION	Room Florence
16.00–18.45	Moderators: Huri, Gazi (Turkey)	

FORTE News
Speaker: Hentenaar, Bram (Netherlands)

What is expected from young generation? "An expert opinion"
Speaker: Doral, Mahmut Nedim (Turkey)

The necessities of young groups in the field
Speaker: Aydingöz, Önder (Turkey)

How to become an expert?
Speaker: Marcacci, Maurilio (Italy)

What an editor seeks?
Speaker: Villar, Richard (United Kingdom)

Advice to a young trainee
Speaker: Maffulli, Nicola (United Kingdom)

When I was a young surgeon
Speaker: Neyret, Philippe (France)

EBOT
Speaker: Mineiro, Jorge (Portugal)

16:00 – 18:45

Paediatrics

**INTERACTIVE
EXPERT
EXCHANGE**

DDH: RESIDUAL DEFORMITIES

Room Copenhagen

Organisers: Chomiak, Jiri (Czech Republic), Inan, Muharrem (Turkey)

16.45–18.45

Acetabular osteotomies in residual DDH
Speaker: Roposch, Andreas (United Kingdom)

Radiographic parameters for residual deformities in DDH
Speaker: Straker, Haim (Israel)

Proximal femoral deformities
Speaker: Senaran, Hakan (Turkey)

Postoperative regime
Speaker: Aksoy, Mehmed Cemalettin (Turkey)

Complications following residual deformities in DDH
Speaker: Ippolito, Ernesto (Italy)

17:45 – 18:45

Knee osseous

**INSTRUCTIONAL
LECTURE**

UNI KNEE ARTHROPLASTY FROM PRIMARY TO REVISION SURGERY

Room Munich

Moderator: Verhaar, Jan (Netherlands)

17.45–18.45

Speaker: Benazzo, Francesco (Italy)

Trauma upper limb

**INSTRUCTIONAL
LECTURE**

CLASSIFICATION AND ALGORITHM OF TREATMENT FOR PROXIMAL HUMERAL FRACTURES

Room Barcelona

17.45–18.45

Moderator: Muñoz Vives, Josep María (Spain)

Speaker: Resch, Herbert (Austria)

Trauma upper limb

FREE PAPER

SHOULDER GIRDLE / CLIP RADIUS

Room Brussels

17.45–18.45

Moderators: Miozzari, Hermes (Switzerland), Arazi, Mehmet (Turkey)

Open reduction and fixation of lateral clavicle fractures using the MINAR technique; a multicentre review
Authors: Morgan, Barnes / Ravenscroft, Matthew / Webb, Mark / Wheelton, Andrew
Speaker: Wheelton, Andrew (United Kingdom)

Operative vs non-operative treatment of acute dislocations of the acromio-clavicular joint: Results of a multi-centre randomized, prospective clinical trial
Authors: McKee, Michael / Vicente, Milena / Pelet, Stéphane
Speaker: Pelet, Stéphane (Canada)

Systematic review of management of unstable distal radius fracture – The unresolved problem
Authors: Farhan, Munthir / Ali, Imran
Speaker: Ali, Imran (United Kingdom)

A comparison of locking plates in the fixation of intra-articular distal radius fractures
Authors: Cheung, Graham / Rhee, Shin-Jae / Ford, David / Herman-Kuiper, Jan / Knight, Timothy
Speaker: Knight, Timothy (United Kingdom)

17:45 – 18:45

Conservative management of mid-shaft clavicle fractures: A thing of the past?

Authors: Prejbeanu, Radu / Vermesan, Dinu / Singh, Gaurav / Sarbu, Partenie / Deleanu, Bogdan

Speaker: Deleanu, Bogdan (Romania)

Patient Reported Outcome Measures in the non-operative management of clavicle fractures

Authors: Jeavons, Richard / Kent, Jonathan / Gower, Andrew / Morrell, Rebecca

Speaker: Morrell, Rebecca (United Kingdom)

Shoulder/elbow, arm/forearm

INSTRUCTIONAL
LECTURE

NEW TRENDS IN SHOULDER ARTHROPLASTY

Room Helsinki

Moderator: Stanley, David (United Kingdom)

17.45–18.45

Speaker: Ekelund, Anders (Sweden)

Spine (incl. trauma)

COMPLEX CASE
DISCUSSION

MANAGEMENT OF COMPLICATIONS IN SPINE SURGERY

Room Vienna

Organiser: Pellisé Urquiza, Ferran (Spain)

17.45–18.45

Intraoperative neurologic damage

Speaker: Acaroglu, Emre (Turkey)

Surgical site infection after posterior spinal fusion instrumentation

Speaker: Nuñez-Pereira, Susana (Spain)

Complications associated to osteoporotic fractures, the osteoporotic cascade

Speaker: Heini, Paul (Switzerland)

Hip

INSTRUCTIONAL
LECTURE

RISK FACTORS AND TREATMENT OF DISLOCATIONS OF THE THA

Room Madrid

Moderator: Hernigou, Philippe (France)

17.45–18.45

Speaker: Ullmark, Gösta (Sweden)

Bone and joint tumours

FREE PAPER

TUMOUR 2

Room Berlin

17.45–18.45

Moderators: Sabah, Dünder (Turkey), Capanna, Rodolfo (Italy)

The effects of corticosteroid injection therapy in simple bone cyst

Authors: Yildiz, Yusuf / Saglik, Yener / Bezirgan, Ugur / Basarir, Kerem

Speaker: Basarir, Kerem (Turkey)

Does sentinel node biopsy have a role in the treatment of patients with soft tissue sarcoma?

Authors: Boldt, Henrike / Werner, Mathias / Hamann, Christine / Tunn, Per-Ulf / Pink, Daniel / Andreou, Dimosthenis

Speaker: Andreou, Dimosthenis (Germany)

How important are surgical margins in prediction of local recurrence and survival in high grade sarcoma of bones?

Authors: Jeys, Lee / Vaiyapuri, Sumathi / Grimer, Robert / Neelapala, Venkata

Speaker: Neelapala, Venkata (United Kingdom)

Surgical hip dislocation according to Ganz for excision of osteochondromas of the femoral neck in patients with hereditary multiple exostoses

Authors: Homan, A. / De Meulemeester, F. / Ham, S. / Façee Schaeffer, Maarten

Speaker: Façee Schaeffer, Maarten (Netherlands)

Wednesday
5 June

17:45 – 18:45

Differentiation of benign and malignant soft-tissue masses using color Doppler ultrasonography with contrast medium

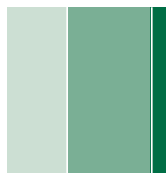
Authors: Hoshi, Manabu / Takada, Jun / Nakamura, Hiroaki / Oebisu, Naoto

Speaker: Oebisu, Naoto (Japan)

MDM2 gene amplification in soft tissue sarcomas by fluorescent in situ hybridization: Analysis of 137 cases

Authors: Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Hayashi, Katsuhiro / Tanzawa, Yoshikazu / Takeuchi, Akihiko / Igarashi, Kentaro / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Kimura, Hiroaki

Speaker: Kimura, Hiroaki (Japan)



EFORTnet

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16.00 – 16.10

Welcome

Ami Hommel, Sweden
Merdiye Sendir, Turkey

16.10 – 16.20

ICON Symposium

Advancing Orthopaedic and Trauma Nursing Through International Collaboration

Ami Hommel

16.20 – 16.40

Invited Lecture

Pain management in orthopedic patients

Funda Büyükyılmaz

16.40 – 16.55

Invited Lecture

Effectiveness of home monitoring according to the Model of living in hip replacement surgery patients

Sevil Güler Demir

16.55 – 18.15

Oral Presentations – Selected abstracts

Chemical Sterilisation

Emel Yıldaz

Specialist Orthopaedic Nurses: Frontline for fracture clinic referrals

Randeep Aujla

New knowledge: A project on nurses' application of newly acquired

Susanne Kristensen



The analysis of hip fracture management after the introduction of a "Fast track" scheme

Rasa Valaviciene

Evaluation of nursing care problems of elderly patients with hip fracture during early postoperative period

Merdiye Sendir

The Importance of a Pre-outpatient contact for the Trauma-patient with Ilizarov-fixation

Anne Rikardt
Pernille Bønneland

Access to analgesia and basic observations for cognitively impaired

William Harrison

18.20 – 18.30

Questions & Answers

Ami Hommel, Sweden
Merdiye Sendir, Turkey

Instructional Course

Vienna, Austria

9-11 October 2013



Workshops / Case discussion



EPOS – EFORT Instructional Course

Vienna, Austria: 9-11 October 2013

Paediatrics: Basic Course II

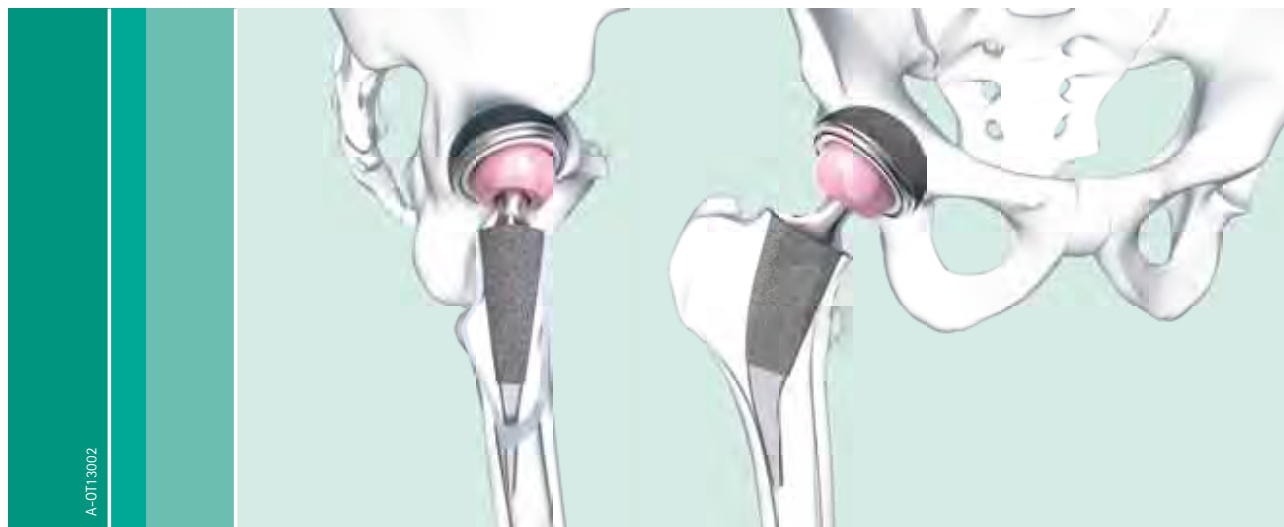
- Disorders of the upper limb
- Disorders of the knee
- Musculoskeletal infections
- Spine



info More updates available on: www.efort.org/ic/epos2013/basic2

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WEDNESDAY
5 JUNE

A-OTI 3002

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B16 – Hall B5

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- **Unique Stem Alignment**
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Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon			
Time									
08:00									
08:15									
08:30	Metal-Ceramic-Polyethylene: A search for the favourite Tribology Free Paper Session	Hip arthroscopic surgery in 2013 Hip Speciality Session EHS	Osteoarthritis of the thumb. Is resection arthroplasty the only treatment? Hand and wrist Symposium	Fracture femur / knee Trauma lower limb Free Paper Session	Early complications in THA Hip Symposium	Foot & ankle injuries in the athlete: Where do we stand today? Foot/ankle/leg Speciality Session EFAS			
08:45									
09:00									
09:15									
09:30									
09:45									
10:00	Break – Visit of the industry exhibition								
10:15									
10:30	Tribology of total knee arthroplasty: Basics and current trends Tribology Symposium	FAI – Hip arthroscopy Hip Free Paper Session	Scaphoid Hand and wrist Free Paper Session	Complex elbow injuries Trauma upper limb Symposium	THA complications Hip Free Paper Session	Ankle arthritis: Prevention and management Foot/ankle/leg Speciality Session EFAS			
10:45									
11:00									
11:15									
11:30									
11:45									
12:00	Erwin Moscher Honorary Lecture – Paris Auditorium								
12:15									
12:30		Revision Hip – Infection & complication Hip Industry Symposium Zimmer GmbH	Simplifying your hip revision practice Hip Industry Symposium Smith & Nephew		Optimys® short stem – First clinical results Hip Industry Symposium Mathys	Experience that counts... Insights from the use of rivaroxaban in routine clinical practice General Orthopaedics Industry Symposium Bayer Healthcare			
12:45									
13:00									
13:15									
13:30									
13:45									
14:00	The hype of Ceramic – Will it continue? Tribology Free Paper Session	Controversial issues in THA on the femoral side Hip Complex case discussion	Clinical Cases: Hand & Wrist Hand and wrist Clinical Cases	Biologics in open fractures Polytrauma/Pelvis Instructional Lecture	Clinical Cases: Paediatrics Paediatrics Clinical Cases	Hallux valgus Foot/ankle/leg Speciality Session EFAS			
14:15									
14:30									
14:45									
15:00	Break – Visit of the industry exhibition				Paediatrics hip disorders Paediatrics Free Paper Session				
15:15									
15:30	Metal-on-Metal: Still an option? Tribology Free Paper Session	Hip arthroscopy Hip Free Paper Session	Sine qua non / An Essential Element or Condition – Sports and OA Sports / Knee soft-tissue Speciality Session EFOS	Trauma and orthopaedics in conflict and post-conflict settings Polytrauma/Pelvis Symposium	Developmental dysplasia of the hip Paediatrics Free Paper Session	Tendons hindfoot Foot/ankle/leg Free Paper Session			
15:45									
16:00									
16:15									
16:30									
16:45									
17:00	BREAK								
17:15	Improvements of polyethylene – Have we reached the goal? Tribology Free Paper Session	Arthroplasty vs. Osteosynthesis after femoral neck fracture Hip Debate forum			Major pelvic and spine fractures Polytrauma/Pelvis Complex case discussion	Basic sciences Paediatrics Free Paper Session	Forefoot Foot/ankle/leg Free Paper Session		
17:30									
17:45									
18:00									

GENERAL ORTHOPAEDICS	UPPER LIMB	LOWER LIMB	SPINE	TRAUMA/POLYTRAUMA	PAEDIATRICS	GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room
						Time
						Comprehensive Review Course
						General education
						Registration required
Invited Guest Federation: SLAOT – Primary complex hip arthroplasty Hip Symposium	Bone and implant headings General Orthopaedics / complications / basic science / technology Free Paper Session	Experimental: Infection and bone General Orthopaedics / complications / basic science / technology Free Paper Session	Meniscus and cartilage Sports / Knee soft-tissue Free Paper Session	Pseudarthrosis – bone defects Polytrauma/Pelvis Interactive Expert Exchange	Registration required	08:00
						08:15
						08:30
						08:45
						09:00
						09:15
						09:30
						09:45
						10:00
						10:15
Break – Visit of the industry exhibition						10:30
Rapid recovery patients programmes. Lessons from the past and new areas General Orthopaedics / complications / basic science / technology Symposium	Statistical analysis in orthopaedic clinical studies General education Symposium	Orthopaedic Publishing in 2013 General education Symposium	Multiple ligaments knee injury Sports / Knee soft-tissue Symposium			10:45
						11:00
						11:15
						11:30
						11:45
						12:00
						12:15
						12:30
						12:45
						13:00
Erwin Moscher Honorary Lecture – Paris Auditorium						13:15
Practical guidance and real-world experience with novel oral anticoagulants: Optimizing use in orthopaedic practice General Orthopaedics Industry Symposium Boehringer Ingelheim	Dual mobility: A 35 years French experience Hip Industry Symposium Groupe Lepine	Patient's needs & Health Economics. Do short stem philosophies have a positive impact? Hip Industry Symposium Limacorporate	Knee Session – Innovative solutions with multiple options for success: Proven technologies meets future patient solutions Knee osseous Industry Symposium Biomet			13:30
						13:45
						14:00
						14:15
						14:30
						14:45
						15:00
						15:15
						15:30
						15:45
Modern indication for a high tibial osteotomy Sports / Knee soft-tissue Instructional Lecture	How to introduce new implants/ techniques General Orthopaedics / complications / basic science / technology Instructional Lecture	TKA – Technique related outcomes Knee osseous Free Paper Session	Ligament injury of the immature knee: Conservative and surgical treatments Sports / Knee soft-tissue Complex case discussion	Advanced concepts and treatment strategies for femoroacetabular impingement Hip Interactive Expert Exchange	Registration required	16:00
						16:15
						16:30
						16:45
						17:00
						17:15
						17:30
						17:45
						18:00
						BREAK
Pelvic fractures: Diagnostic challenges and functional outcome Polytrauma/Pelvis Free Paper Session	Challenges in fragility fractures Osteoporosis Free Paper Session	Meniscal lesion today: Evidence of treatment Sports / Knee soft-tissue Instructional Lecture	Knee ligaments Sports / Knee soft-tissue Free Paper Session			

THURSDAY
6 JUNE

08:00 – 18:00

General education

COMPREHENSIVE REVIEW COURSE (registration required)

Moderator: Suva, Domizio (Switzerland)

Room Berlin

Bring your Laptop!

08.00–18.00

Welcome & Introduction

Speaker: Suva, Domizio (Switzerland)

Eye opener: Infection

Speaker: Borens, Olivier (Switzerland)

Bio mechanics of musculoskeletal tissue – Biomaterials (trauma, prosthesis)

Speaker: Tanner, Elizabeth (United Kingdom)

Metabolic bone disease

Speaker: Dreinhöfer, Karsten (Germany)

Diagnostic work up and recognition of primary bone tumours

Speaker: Cannon, Stephen (United Kingdom)

Diagnostic algorithm and treatments options in bone metastasis

Speaker: Szendrői, Miklos (Hungary)

Missed diagnosis for children's orthopaedics

Speaker: Møller-Madsen, Bjarne (Denmark)

Neuro-orthopaedics

Speaker: Yazici, Muharrem (Turkey)

Abnormalities of newborns feet

Speaker: Radler, Christof (Austria)

Hip diseases in the childhood

Speaker: Pospischill, Renata (Austria)

Pediatric idiopathic scoliosis

Speaker: Lascombes, Pierre (Switzerland)

Management of spinal trauma

Speaker: Berk, Haluk (Turkey)

Hip: Osteotomy and arthroplasty

Speaker: Siebenrock, Klaus (Switzerland)

Knee: Osteotomy and arthroplasty

Speaker: Petek, Daniel (Switzerland)

Ankle arthrodesis, arthroplasty, hallux valgus & flat foot

Speaker: Valderrabano, Victor (Switzerland)

Shoulder degenerative disorders

Speaker: Ekelund, Anders (Sweden)

Degenerative disorders of the elbow

Speaker: Suva, Domizio (Switzerland)

ACL, PCL, collateral injuries

Speaker: Neyret, Philippe (France)

Meniscus and cartilage repair

Speaker: Verdonk, René (Belgium)

Fractures: Pelvic ring, & acetabular fractures

Speaker: Stöckle, Ulrich (Germany)

Fractures: Hip, femur, tibia & open fractures

Speaker: Borens, Olivier (Switzerland)

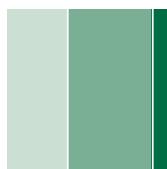
08:00 – 18:00

Fractures: Pilon, Ankle, Talus & Calcaneus
Speaker: Assal, Mathieu (Switzerland)

Fractures of distal radius and scaphoid & wrist instability
Speaker: Kopylov, Philippe (Sweden)

Fractures of shoulder, arm, elbow and forearm & shoulder instability
Speaker: Hoffmeyer, Pierre (Switzerland)

Take home message
Speaker: Hoffmeyer, Pierre (Switzerland)



EFORT

Join the Orthopaedics & Traumatology Community Platform | www.efort.org

For CRC participants only!
Access the "Recap on CRC" session!

08:30 – 10:00

Tribology

FREE PAPER METAL-CERAMIC-POLYETHYLENE: A SEARCH FOR THE FAVOURITE Room Paris

08.30-10.00 Moderators: Malchau, Henrik (United States), Knahr, Karl (Austria)

Results of the long-term follow-up study after the metasul Metal-on-Metal cementless Total Hip Arthroplasty
Authors: Koyanagi, Junichirou / Tsuda, Kosuke / Fujiwara, Keiju / Haraguchi, Keiji
Speaker: Haraguchi, Keiji (Japan)

Description of the wear scar of ex vivo metal-on-metal hip prostheses
Authors: Lord, James / Langton, David / Nargol, Antoni / Joyce, Tom
Speaker: Joyce, Tom (United Kingdom)

Association between histological findings and whole blood metal ion levels with pseudotumour characteristics identified in MRI
Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks
Speaker: Reito, Aleks (Finland)

Ceramic-on-Metal Total Hip Replacements
Authors: Hill, Janet / O'Brien, Seamus / Boldt, Jens / Stevenson, Michael / Beverland, David / Diamond, Owen
Speaker: Diamond, Owen (United Kingdom)

Comparing large diameter Metal-on-Metal and Ceramic-on-Ceramic Total Hip Replacement
Authors: Viçoso, Sofia / Ramalho, Frederic / Couto, Roberto / Basto, Tiago / Lima, Fernando / Barbosa, Tiago
Speaker: Barbosa, Tiago (Portugal)

Wear of larger Ceramic-on-Ceramic (CoC) bearings for Total Hip Arthroplasty (THA)
Authors: Preuss, Roman / Streicher, Robert / Häußler, Kim
Speaker: Häußler, Kim (Germany)

HXLPE with vitamin E in isoelectric monoblock pressfit cup: 2-years follow up with clinical and radiological scores
Authors: Abttroun, Yamina / Beck, Martin / Baines, Joseph / De Gast, Arthur / Steenmeijer, A. V. / French, Gary / Becker, Roland / Pijenburg, A. C. / Knahr, Karl / Hollmann, Lutz / Helmy, Naeder / Rehbein, Philipp
Speaker: Rehbein, Philipp (Germany)

Thursday
6 June

08:30 – 10:00

Oxidative analysis of surgically-retrieved Marathon™ acetabular liners after up to 10 years In Vivo
Authors: Rowell, Shannon / Reyes, Christopher / Engh, Charles / Hopper, Robert / Muratoglu, Orhun
Speaker: Muratoglu, Orhun (United States)

Multi-center analysis of clinical factors affecting polyethylene wear in 945 Total Hip Arthroplasties
Authors: Bragdon, Charles / Martell, John / Kwon, Young-Min / Malchau, Henrik / Barr, Christopher
Speaker: Malchau, Henrik (United States)

EHS – European Hip Society



Hip

SPECIALITY SESSION	HIP ARTHROSCOPIC SURGERY IN 2013	Room Munich
08.30–10.00	Moderators: Ullmark, Gösta (Sweden), Villar, Richard (United Kingdom)	

Introduction

Speaker: Ullmark, Gösta (Sweden)

Introduction

Speaker: Villar, Richard (United Kingdom)

The evolution of hip arthroscopy

Speaker: Villar, Richard (United Kingdom)

Hip arthroscopy for FAI

Speaker: Lund, Bent (Denmark)

The role of arthroscopy in degenerative disease

Speaker: Santori, Nicola (Italy)

Hip joint stability and the management of the capsule in arthroscopic surgery

Speaker: Papavasiliou, Thanos (Greece)

The psoas tendon as a source of hip symptoms: evaluation and treatment

Speaker: Santori, Nicola (Italy)

How to measure outcomes in hip arthroscopy

Speaker: Marin, Oliver (Spain)

Orthobiologics and hip arthroscopy

Speaker: Bajwa, Ali (United Kingdom)

Hand and wrist

SYMPOSIUM	OSTEOARTHRITIS OF THE THUMB. IS RESECTION ARTHROPLASTY THE ONLY TREATMENT?	Room Barcelona
08.30–10.00	Organiser: Schuind, Frédéric (Belgium)	

Introduction

Speaker: Schuind, Frédéric (Belgium)

4D Imaging of Early Trapezio-Metacarpal Osteoarthritis

Speaker: Streekstra, Geert J. (Netherlands)

Sonographic Evaluation after Simple Trapeziectomy

Speaker: Schuind, Frédéric (Belgium)

LRTI Arthroplasty

Speaker: Ceruso, Massimo (Italy)

Replacement Arthroplasty

Speaker: Stockmans, Filip (Belgium)

08:30 – 10:00

Trauma lower limb

FREE PAPER	FRACTURE FEMUR / KNEE	Room Brussels
08.30-10.00	Moderators: Papadakis, Stamatios (Greece), Dincer, Derya (Turkey) Ipsilateral fractures of femoral neck and shaft: Treatment with interlocking nail Authors: Mangiavacchi, Massimo / D'Ascola, Jacopo / Liberati, Maria Antonietta / Di Bisceglie, Francesco / Ferrata, Paolo / Crainz Fossati, Edoardo Speaker: Crainz Fossati, Edoardo (Italy)	
	Do not play with the butterfly Authors: Mohamed, Mohamed Ali Ahmed Speaker: Mohamed, Mohamed Ali Ahmed (Egypt)	
	The Comparison of Open Fixation versus MIPPO in the treatment of the Distal Femoral Fracture Authors: Kim, Jung-Youn / Oh, Hyun-Sup / Cho, Kye-Youl / Kang, Dong-Geun / Kim, Kang-Il Speaker: Kim, Kang-Il (Korea, Republic of)	
	MIPPO vs ORIF in distal femoral fractures Authors: Beletsky, Alexander / Sitnik, Alexandre Speaker: Sitnik, Alexandre (Belarus)	
	The morphology, classification and treatment of tibial plateau fractures: Computer-tomographic analysis of 525 cases Authors: Cong-Feng, Luo / Yang, Guang / Putnis, Sven Speaker: Putnis, Sven (United Kingdom)	
	A review of periprosthetic knee fractures presenting to a trauma centre Authors: Ashraf, Mujeeb / Porter, Keith / Matharu, Gulraj / Goswami, Karan Speaker: Goswami, Karan (United Kingdom)	
	Striving for excellence in fracture neck of femur patients' care Authors: Sampalli, Sridhar / Fernando, Francis / Fletcher, James Speaker: Fletcher, James (United Kingdom)	
	Primary Total Knee Replacement for supracondylar femoral fractures in osteoarthritic knees Authors: Pittas, Alexandros / Andersen, Nicolas / Zampelakis, Nikolaos / Kazas, Sotiris / Sokorelos, Michail / Orfanos, Ioannis Speaker: Orfanos, Ioannis (Greece)	
	Successful use of minimally invasive plate osteosynthesis techniques in the management of periprosthetic fractures around the femur Authors: Deo, Sunny / Nagy, Ernest / Kneale, Kathryn Speaker: Kneale, Kathryn (United Kingdom)	

Hip		
SYMPOSIUM	EARLY COMPLICATIONS IN THA	Room Helsinki
08.30-10.00	Organiser: Haddad, Fares (United Kingdom) Periprosthetic fracture after total hip arthroplasty Speaker: Manktelow, Andrew (United Kingdom)	
	Instability after total hip arthroplasty – prevention and immediate management Speaker: Waddell, James (Canada)	
	Instability after total hip arthroplasty – further surgery including dual mobility Speaker: Hernigou, Philippe (France)	
	Heterotopic ossification after total hip arthroplasty Speaker: Jäger, Marcus (Germany)	
	Periprosthetic infection after total hip arthroplasty Speaker: Haddad, Fares (United Kingdom)	

EFAS – European Foot and Ankle Society



Foot/ankle/leg

SPECIALITY SESSION 08.30–10.00	FOOT & ANKLE INJURIES IN THE ATHLETE: WHERE DO WE STAND TODAY? Moderators: Viladot Voegeli, Antonio (Spain),	Room Lisbon
	Articular cartilage injuries in the athlete Speaker: Engebretsen, Lars (Norway)	
	Ligamentous injuries in the athlete Speaker: Rhys, Thomas (United Kingdom)	
	Battle: Treatment of cartilage injuries in the athlete: One step Speaker: Vannini, Francesca (Italy)	
	Battle: Treatment of cartilage injuries in the athlete: Two steps Speaker: Wiewirowski, Martin (Germany)	
	Battle: Acute lateral ligamentous injuries in the athlete: Conservative treatment Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)	
	Battle: Acute lateral ligamentous injuries in the athlete: Surgical treatment Speaker: Solan, Matthew (United Kingdom)	

Hip

SYMPOSIUM 08.30–10.00	INVITED GUEST FEDERATION: SLAOT – PRIMARY COMPLEX HIP ARTHROPLASTY Moderators: Macheras, George (Greece), Musafir, Marcos (Brasil)	Room Florence
	Arthroplasties in deformities of the proximal femur Speaker: Palacios, Julio (Colombia)	
	Surgical options in dislocating THR Speaker: Wirtz, Dieter (Germany)	
	Arthroplasty in non-anatomic femur Speaker: Restrepo, Nicolas (Colombia)	
	Conversion of hip arthrodesis into THR Speaker: Bernardo, Marcos (Brasil)	
	Arthroplasty secondary to failed osteosynthesis Speaker: Franco, Jose Segio (Brasil)	
	Arthroplasty in high dislocation Speaker: Macheras, George (Greece)	

General Orthopaedics / complications / basic science / technology

FREE PAPER 08.30–10.00	BONE AND IMPLANT HEADINGS Moderators: Ates, Yalim (Turkey), Husted, Henrik (Denmark)	Room Nice
	Effect of chemical and thermic disinfection on μ CT-data and compression stability of cancellous bone cylinders of calves: Investigation of three different methods Authors: Ignatius, Anita / Duerselen, Lutz / Pruss, Axel / Reichel, Heiko / Jung, Sebastian Speaker: Jung, Sebastian (Germany)	
	In Vivo studies of human bone marrow stromal cell-loaded hemiporous hydroxyapatite scaffold as a bone substitute Authors: Nam, Jinwoo / Seo, Sang-Min / Oh, Kyung-Sik / Kim, Hee Joong / Kim, Ha Na / Yoo, Jeong Joon Speaker: Oh, Kyung-Sik (Korea, Republic of)	

08:30 – 10:00

Influence of soft callus protection and replacement during open reduction and internal fixation: An experimental study in a rat model of fracture

Authors: Danoff, Jonathan / Burky, Robert / Coyle, Ryan / Rosenwasser, Melvin / Aurégan, Jean-Charles

Speaker: Aurégan, Jean-Charles (France)

Bone healing in critical size defects of the rat femur after application of Bone marrow aspirate and rh-BMP7 in different doses

Authors: Hoffmann, Stefanie / Göttlinger, Michael / Augat, Peter / Betz, Oliver / Högel, Florian

Speaker: Högel, Florian (Germany)

Effect of electrolyte-plasma polishing on the surface properties of TiFix titanium bone plates

Authors: Wendlandt, Robert / Jürgens, Christian / Schulz, Arndt

Speaker: Schulz, Arndt (Germany)

An In Vitro animal bone model study to predict spiral fracture strength of long bones in an infant

Authors: Theobald, Peter / Malik, Shahbaz / Jones, Mike / Malik, Sheraz

Speaker: Malik, Sheraz (United Kingdom)

Albumin coated allografts improve bone formation in rat calvaria defect

Authors: Vác, Gabriella / Lacza, Zsombor / Toró, Ildikó / Horvathy, Denes

Speaker: Horvathy, Denes (Hungary)

Novel porous titanium implants demonstrate bone ingrowth in a rabbit model

Authors: Poggie, Matthew / Kulesha, Gene / Muth, John / Coyle, Sue / Aponte, Carlos / Dong, Nick / Ngo, Chau

Speaker: Ngo, Chau (United States)

Effect of mussel inspired polydopamine coating on Ti6Al4V In Vitro

Authors: Kim, Yong-Sik / Kwon, Soon-Yong / Sun, Doo-Hoon / Lee, Hyun-Jin / Park, In-Joo / Lim, Young-Wook

Speaker: Lim, Young-Wook (Korea, Republic of)

General Orthopaedics / complications / basic science / technology

FREE PAPER

EXPERIMENTAL: INFECTION AND BONE

Room Vienna

08.30-10.00

Moderators: Sen, Cengiz (Turkey), Cordero-Ampuero, José (Spain)

Can inflammatory markers predict the pathogenic bacteria in periprosthetic joint infection?

Authors: Aggarwal, Vinay / Sharkey, Peter / Hozack, William / Parvizi, Javad / Alijanipour, Pouya

Speaker: Alijanipour, Pouya (Spain)

A novel antibiotic gel delivery system

Authors: Penn-Barwell, Jowan / Wenke, Joseph / Rand, Ben

Speaker: Rand, Ben (United Kingdom)

Chitosan; an effective NPWT-compatible local antibiotic delivery device

Authors: Wenke, Joseph / Noel, Scott / Rand, Ben

Speaker: Rand, Ben (United Kingdom)

Fresh osteochondral allografts storage: Assessment of chondrocyte viability and proliferation over time

Authors: Calvo, Rafael / Figueroa, David / Vaisman, Alex / Novoa, Felipe / Simon, Valeska / Conget, Paulette / Espinosa, Maximiliano

Speaker: Espinosa, Maximiliano (Chile)

Evaluating the effect of different basal cell culture media during mesenchymal stem cell expansion on their osteogenic differentiation potential in a standard osteogenic monolayer cell culture assayed with 99mTc-MDP labeling

Authors: Gotterbarm, Tobias / Grossner, Tobias

Speaker: Grossner, Tobias (Germany)

The effect of different basal cell culture media during mesenchymal stem cell induction after Alpha-MEM expansion on their osteogenic differentiation potential in a standard osteogenic monolayer cell culture assayed with 99mTc-MDP Labeling

Authors: Gotterbarm, Tobias / Grossner, Tobias

Speaker: Grossner, Tobias (Germany)

Hyperinsulinemia reduces osteoblast activity in vitro via upregulation of TGF-β

Authors: Braun, Karl / Pscherer, Stefan / Stöckle, Ulrich / Nuessler, Andreas / Haug, Alexander / Ehner, Sabrina / Freude, Thomas

Speaker: Freude, Thomas (Germany)

08:30 – 10:00

Characterisation of native multipotential stromal cells (MSCs) liberated from human long-bones by reaming: phenotypic, molecular and yield comparison with donor-matched iliac crest MSCs

Authors: Kouroupis, Dimitrios / Boxall, Sally / Dennis, McGonagle / Giannoudis, Peter / Churchman, Sarah / Tan, Hiang Boon / Jones, Elena

Speaker: Jones, Elena (United Kingdom)

Sports / Knee soft-tissue

FREE PAPER

MENISCUS AND CARTILAGE

Room Madrid

08.30–10.00

Moderators: Madry, Henning (Germany), Camathias, Carlo (Switzerland)

Correlation between chondral defect size, pressure distribution and condylar size

Authors: Kiliçoglu, Önder / Yildiz, Fatih / Sariyilmaz, Kerim / Bozdog, Ergun / Sunbuloglu, Emin / Tuna, Meral / Dikmen, Göksel

Speaker: Dikmen, Göksel (Turkey)

The effect of lesion size on clinical outcomes after microfracture: A 2 to 8 year follow-up study

Authors: Briggs, Karen / Steadman, J. / Rodkey, William

Speaker: Rodkey, William (United States)

Meniscal allograft transplantation with arthroscopically assisted soft tissue technique: Three years follow-up

Authors: Madonna, Vincenzo / Cortese, Fabrizio / Giovannuscio, Roberto / Condello, Vincenzo / Zorzi, Claudio

Speaker: Zorzi, Claudio (Italy)

Host serum is not indispensable in collagen performance in viable meniscal transplantation at 4-week incubation

Authors: Pelfort López, Xavier / Erquicia, Juan / Gelber, Pablo / Puig Verdié, Lluís / Monllau, Joan C. / García-Giralt, Natalia /

Torres-Claramunt, Raúl

Speaker: Torres-Claramunt, Raúl (Spain)

The comparison of the proprioceptive and functional effects of partial meniscectomy and meniscus repair

Authors: Basar, Betül / Inanmaz, Mustafa / Köse, Kamil / Basar, Hakan

Speaker: Basar, Hakan (Turkey)

The comparison of intra articular hyaluronic acid and extracorporeal shock wave therapy in osteochondral defects treatment of rats

Authors: Orhan, Zafer / Çomunoglu, Cem / Ankarali, Handan / Erbil, Baris

Speaker: Erbil, Baris (Turkey)

Tissue engineered meniscus strategies: Experimental preclinical studies

Authors: Konan, Sujith / Khan, Wasim / Alam, Mahbub / Haddad, Behrooz

Speaker: Haddad, Behrooz (United Kingdom)

Adipose-derived mesenchymal stromal cells for knee articular cartilage focal lesions repair

Authors: Kyriakidis, Theophylaktos / Melas, Ioannis / Alvanos, Dimitrios / Kyriakidis, Anastasios / Iosifidis, Michael

Speaker: Iosifidis, Michael (Greece)

Natural history of graft hypertrophy after matrix based Autologous Chondrocyte Implantation (mb-ACI)

Authors: Niethammer, Thomas / Gülecü, Mehmet / Jansson, Volkmar / Müller, Peter / Horng, Annie / Pietschmann, Matthias

Speaker: Pietschmann, Matthias (Germany)

Matrix-induced autologous chondrocyte implant vs microfracture: Prospective, randomized trial, 2-year follow up

Authors: Price, Andrew / Brittberg, Mats / Caron, Jacob / Emans, Pieter / Kili, Sven / Bezuidenhout, Mauritz / Sanson, Bernd-Jan /

Levine, David / Saris, Daniel

Speaker: Price, Andrew (United Kingdom)

08:30 – 12:00

Polytrauma/Pelvis

INTERACTIVE

PSEUDARTHROSIS – BONE DEFECTS

Room Copenhagen

EXPERT

Organiser: Giannoudis, Peter (United Kingdom)

EXCHANGE

08.30–12.00

Biological profile of atrophic and hypertrophic non-unions: Is there a need for osteogenic enhancement?

Speaker: Schmidmaier, Gerhard (Germany)

10:30 – 12:00

How can we optimise the success of the induced membrane technique for the treatment of long bone defects?
Speaker: Bégué, Thierry (France)

The concept of biological chamber for the treatment of non-unions: What material and why?
Speaker: Calori, Giorgio Maria (Italy)

Composite grafts for the treatment of long bone non-unions: Options and effectiveness
Speaker: Giannoudis, Peter (United Kingdom)

10:30 – 12:00

Tribology

SYMPOSIUM **TRIBOLOGY OF TOTAL KNEE ARTHROPLASTY: BASICS AND CURRENT TRENDS** **Room Paris**

10.30-12.00 **Moderators: Argenson, Jean-Noël (France), Böhler, Nikolaus (Germany)**

Crosslinked Polyethylene in knee arthroplasty: wear, particle analysis and biological activity
Speaker: Jansson, Volkmar (Germany)

Simulator testing of knee endoprostheses: Result and possible clinical implications
Speaker: Kaddick, Christian (Germany)

Evaluation and Clinical Performance of a TKA system with Ceramic femoral component
Speaker: Mittelmeier, Wolfram (Germany)

Highly crosslinked Polyethylene does not reduce the wear in total knee arthroplasty
Speaker: Hinarejos, Pedro (Spain)

Tibial component safety of a novel all ceramic primary total knee system under worst case conditions
Speaker: Maurer, Andreas (Germany)

Hip

FREE PAPER **FAI – HIP ARTHROSCOPY** **Room Munich**

10.30-12.00 **Moderators: Leunig, Michael (Switzerland), Ganz, Reinhold (Switzerland)**

Evaluation of hip joint cartilage using 3.0T MRI T2 mapping for patients with hip labral tear and a comparison with the clinical results
Authors: Sumen, Yoshio / Sakaridani, Kazuki / Tanaka, Kou / Nishimori, Makoto / Yokoyama, Ayako / Ochi, Mitsuo / Oshima, Seigo
Speaker: Oshima, Seigo (Japan)

Clinical and radiological outcome after periacetabular osteotomy operated on in the period 1999-2008: Predictors for good results or conversion to Total Hip Arthroplasty
Authors: Petersen, Michael / Stürup, Jens / Dahl, Line / Dengsoe, Kristine
Speaker: Dengsoe, Kristine (Denmark)

Validation and rim-trimming simulation of pincer femoroacetabular impingement in the patients with cross-over sign by computerized 3D analysis
Authors: Koyama, Hiroshi / Suzuki, Daisuke / Matsuyama, Yukihiro / Hoshino, Hironobu
Speaker: Hoshino, Hironobu (Japan)

Three dimensional relationship between acetabular rim morphology and femoral cam severity
Authors: Nightingale, Craig / Azimi, David / Cobb, Justin / Masjedi, Milad
Speaker: Masjedi, Milad (United Kingdom)

3D assessment of the femoral head coverage: Importance of the intraoperative evaluation in curved periacetabular osteotomy
Authors: Takubo, Ryota / Horigome, Youji / Suzuki, Hayato / Tomoyuki, Ito / Dohmae, Yoichiro / Minato, Izumi / Endo, Naoto / Miyasaka, Dai
Speaker: Miyasaka, Dai (Japan)

The role of early radiological signs in the development of Femoroacetabular Impingement (FAI)
Authors: Speranza, Attilio / Ferretti, Andrea / Maestri, Barbara / De Sanctis, Stefania / D'Arrigo, Carmelo / Alonzo, Raffaella / Alberti, Francesco
Speaker: Alonzo, Raffaella (Italy)

10:30 – 12:00

The mapping of CAM lesions in femoroacetabular impingement

Authors: Fehily, Max / Wall, Alun / Plastow, Ricci

Speaker: Plastow, Ricci (United Kingdom)

PAO normalizes range of motion in dysplastic hips: A computer-assisted three-dimensional motion analysis

Authors: Zurmühle, Corinne / Schwab, Joseph / Siebenrock, Klaus / Kim, Young / Tannast, Moritz / Steppacher, Simon

Speaker: Steppacher, Simon (Switzerland)

Performing ischial and pubic osteotomies from medial approach during periacetabular osteotomy: An anatomic study

Authors: Gürses, Ilke / Özkaya, Ufuk / Gayretli, Özcan / Parmaksizoglu, Atilla / Çetiner Kale, Aysin / Bilgili, Fuat

Speaker: Bilgili, Fuat (Turkey)

Hand and wrist

FREE PAPER

SCAPHOID

Room Barcelona

10.30–12.00

Moderators: Haerle, Max (Germany), Dumontier, Christian (France)

Physical examination in scaphoid fractures; hematoma, scaphoid compression test, tender anatomical snuffbox and radial compression

Authors: Rhemrev, Steven / Beeres, Frank / Grootendorst, Diana / Drijckoningen, Tessa

Speaker: Drijckoningen, Tessa (Netherlands)

Interobserver variability among radiologists for diagnosis of scaphoid fractures by computed tomography

Authors: Beeres, Frank / Kingma, Lucas / Otoide, Marleen / Schipper, Inger / Rhemrev, Steven / De Zwart, Andele

Speaker: De Zwart, Andele (Netherlands)

The importance of central screw placement in the distal and proximal pole in scaphoid waist fractures

Authors: Van Glabbeek, Francis / Hubens, Guy / Verstreken, Frederik / Braem, Marc / Meermans, Geert

Speaker: Meermans, Geert (Belgium)

Cast immobilization with and without immobilization of the thumb for nondisplaced scaphoid waist fractures: A multi-center randomized controlled trial

Authors: Goslings, J. Carel / Rhemrev, Steven / Weening, Alexander / Van Dijkman, Bart / Doornberg, Job / Ring, David / Buijze, Geert

Speaker: Buijze, Geert (Netherlands)

Minimally invasive surgery vs cast immobilization for stable scaphoid fractures

Authors: Dumitrescu, Mihnea / Radulescu, Sorin / Nanesu, Ciprian / Tanase, Dan / Dumitru, Costin

Speaker: Dumitru, Costin (Romania)

Outcomes of scaphoid fracture fixation using the Headless Compression Screw®: The Birmingham Hand Centre experience

Authors: Power, Dominic / Malik, Shahbaz / Tan, Simon / Simpson, Claire / Ahmed, Usman

Speaker: Ahmed, Usman (United Kingdom)

Plain radiograph vs arthroscopy in assessment of arthritic change in scapholunate ligament injury: Does arthroscopy lead to a change in management?

Authors: Bebbington, Andrew / Newington, David / Russell, Dougie / Masud, Saqib

Speaker: Masud, Saqib (United Kingdom)

Distal scaphoidectomy & radio-scapho-lunate arthrodesis using multiple Herbert screws as a motion preserving procedure in radiocarpal arthritis

Authors: Quolquela, Muhammad

Speaker: Quolquela, Muhammad (Egypt)

Four corner fusion with circular plate: Influence to the surgical capitulunate reduction in dorsal impingement and wrist motion

Authors: Natera, Luis / Almenara, Marta / Proubasta, Ignacio / Álvarez, Carlos / Millan, Angelica / Lamas, Claudia

Speaker: Lamas, Claudia (Spain)

10:30 – 12:00

Trauma upper limb

SYMPOSIUM	COMPLEX ELBOW INJURIES	Room Brussels
10.30–12.00	Organiser: Stöckle, Ulrich (Germany)	
	Distal humerus fractures: How to fix? Speaker: Raschke, Michael (Germany)	
	Radial head: to fix, remove or replace? Speaker: Muñoz Vives, Josep María (Spain)	
	Monteggia like lesions Speaker: Candrian, Christian (Switzerland)	
	Ligamentary injuries: When to fix and how? Speaker: Lambert, Simon (United Kingdom)	

Hip		
FREE PAPER	THA COMPLICATIONS	Room Helsinki
10.30–12.00	Moderators: Ullmark, Gösta (Sweden), Levent, Eralp (Turkey)	
	Evaluation of fever and its related factors during 4 weeks after primary total hip arthroplasty Authors: Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko / Domae, Yo-Ichiro / Ishii, Yoshinori Speaker: Ishii, Yoshinori (Japan)	
	Does two-stage revision of septic hip prosthesis provides better infection eradication rate than one-stage ? Authors: Romanò, Delia / Drago, Lorenzo / Romanò, Carlo Luca / Logoluso, Nicola Speaker: Romanò, Carlo Luca (Italy)	
	Diagnosis of periprosthetic hip Infection with quantification of synovial C-reactive protein Authors: Martorell, Gabriel / Quinteros, Mauricio / Zanotti, Gerardo / Piccaluga, Francisco / Comba, Fernando / Buttaró, Martin Speaker: Buttaró, Martin (Argentina)	
	It is highly unlikely that Leg length discrepancy after THR is an important risk factor regarding inferior clinical results in the short term Authors: Brun, Ole-Christian / Olsson, Marianne / Maansson, Lukas / Steensland, Erik Speaker: Steensland, Erik (Norway)	
	Management of sciatic nerve injuries following Total Hip Arthroplasty Authors: Singh, Jagwant / Sinisi, Marco / Fox, Michael / Sicuri, Marco / Jeyaseelan, Luckshmana Speaker: Jeyaseelan, Luckshmana (United Kingdom)	
	Is dislocation rate increasing after bipolar hemiarthroplasty in patients with neuromuscular disease? Authors: Lee, H. / Lee, J. / Lee, S. / Shin, W. / Suh, Kuentak Speaker: Suh, Kuentak (Korea, Republic of)	
	Major and minor complications following minimally invasive anterior approach with fracture table for Total Hip Arthroplasty Authors: Karim, Azim / Baldersee, David / Kreuzer, Stefan / Pourmoghadam, Amir Speaker: Kreuzer, Stefan (United States)	
	Stem subsidence: An important cause of dislocation after muscle sparing hip replacement Authors: Olsson, Marianne / Maansson, Lukas / Brun, Ole-Christian Speaker: Brun, Ole-Christian (Norway)	
	An evaluation of cases of revision surgery applied for polyethylene wear following Total Hip Arthroplasty Authors: Bilgen, Sadik / Özdel, Ahmet / Bilgen, Ömer / Mutlu, Müren / Kara, Kürsat Speaker: Mutlu, Müren (Turkey)	

EFAS – European Foot and Ankle Society



Foot/ankle/leg

SPECIALITY SESSION 10.30–12.00	ANKLE ARTHRITIS: PREVENTION AND MANAGEMENT Moderators: Delmi, Marino (Switzerland), Solan, Matthew (United Kingdom)	Room Lisbon
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Medial ankle instability as a cause of chronic disability

Speaker: Valderrabano, Victor (Switzerland)

The role of arthroscopy in the state of the art treatment of ankle arthritis

Speaker: Ogüt, Tahir (Turkey)

Can this ankle be saved? Joint preserving surgery (OT, distraction)

Speaker: Judet, Thierry (Switzerland)

Ankle prosthesis: why, where, when.

Speaker: Besse, Jean-Luc (France)

Ankle allografts: why, where, when.

Speaker: Giannini, Sandro (Italy)

Ankle arthrodesis: is it still the gold standard?

Speaker: Singh, Dishan (United Kingdom)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM 10.30–12.00	RAPID RECOVERY PATIENTS PROGRAMMES. LESSONS FROM THE PAST AND NEW AREAS Organiser: Kjaersgaard-Andersen, Per (Denmark)	Room Florence
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Basic concepts in accelerating the rehabilitation after surgery

Speaker: Kehlet, Henrik (Denmark)

What are the main results and changes after running accelerated patient programmes for 10 years in lower limb joint replacement in Denmark?

Speaker: Husted, Henrik (Denmark)

Rapid recovery programmes in fragility fractures in the elderly. Is that possible?

Speaker: Wendt, Klaus (Netherlands)

Rapid recovery programmes in spine surgery. Challenges and early outcome

Speaker: Birch, Nicholas (United Kingdom)

General education

SYMPOSIUM 10.30–12.00	STATISTICAL ANALYSIS IN ORTHOPAEDIC CLINICAL STUDIES Organiser: Jolles-Haerberli, Brigitte (Switzerland)	Room Nice
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Types of studies

Speaker: Jolles-Haerberli, Brigitte (Switzerland)

Types of data, simple tests, confidence intervals and p-values

Speaker: Petrie, Aviva (United Kingdom)

Sample size, regressions and survival curves

Speaker: Biau, David (France)

Systematic errors: Biases, confounding, and clinical significant differences

Speaker: Lübbeke-, Anne (Switzerland)

10:30 – 12:00

General education

SYMPOSIUM **ORTHOPAEDIC PUBLISHING IN 2013** **Room Vienna**

10.30–12.00 **Organiser: Villar, Richard (United Kingdom)**

Social media in orthopaedics
Speaker: Khanduja, Vikas (United Kingdom)

Seeking perfect English
Speaker: Scott, Gareth (United Kingdom)

Ups and downs of peer review
Speaker: Haddad, Fares (United Kingdom)

Making sense of outcomes
Speaker: Griffin, Xavier Luke (United Kingdom)

So your paper has just been accepted?
Speaker: Vodden, Emma (United Kingdom)

Helping my staff to publish
Speaker: Hoffmeyer, Pierre (Switzerland)

Sports / Knee soft-tissue

SYMPOSIUM **MULTIPLE LIGAMENTS KNEE INJURY** **Room Madrid**

10.30–12.00 **Organiser: Espregueira-Mendes, João (Portugal)**

Clinical and imaging evaluation of multiple ligament knee injuries
Speaker: Margheritini, Fabrizio (Italy)

ACL and PCL treatment
Speaker: Verdonk, René (Belgium)

How to address PCL and PLC Corner?
Speaker: Engebretsen, Lars (Norway)

Role of osteotomy in Acl, PCL and PCL lesions
Speaker: Denti, Matteo (Italy)

12:00 – 12:30

HONORARY LECTURE **ERWIN MOSCHER HONORARY LECTURE** **Room Paris**

12.00–12.30 **Speaker: Dubousset, Jean (France)**

3D, static and dynamic balance: The 3 fundamental bases in orthopedics

14:00 – 15:00

Tribology Free Paper Session with invited lecture

FREE PAPER **THE HYPE OF CERAMIC – WILL IT CONTINUE?** **Room Paris**

14.00–15.00 **Moderators: Kaddick, Christian (Germany), Knahr, Karl (Austria)**

Invited Lecture
Ceramic articulations: More benefits than concerns
Speaker: Knahr, Karl (Austria)

Long-term results of Ceramic-on-Ceramic bearings in combination with uncemented Total Hip Arthroplasty
Authors: Knahr, Karl / Pokorny-Olsen, Alexandra
Speaker: Pokorny-Olsen, Alexandra (Austria)

14:00 – 15:00

Fretting, corrosion and connection strength of large ceramic modular heads tested under In Vivo like conditions
Authors: Preuss, Roman / Flohr, Markus / Streicher, Robert
Speaker: Flohr, Markus (Germany)

Delta Ceramic-on-Ceramic Total Hip Replacement: Six cases of early delta ceramic liner fracture
Authors: Mawdsley, Matthew / Loughhead, Jonathan / Mccourt, Ellen
Speaker: Mccourt, Ellen (United Kingdom)

An audit of the incidence of joint noise following total hip arthroplasty (THA) when comparing:
Ceramic-on-Ceramic, Ceramic-on-Metal and Metal-on-Polyethylene articulations
Authors: O'Brien, Seamus / Hill, Janet / Beverland, David / Morlock, Michael / Stokes, Michael
Speaker: Stokes, Michael (United Kingdom)

Hip

**COMPLEX CASE
DISCUSSION**
14.00–15.00

CONTROVERSIAL ISSUES IN THA ON THE FEMORAL SIDE
Organiser: Tokgozoglu, Ahmet Mazhar (Turkey)

Room Munich

Speaker: Tokgozoglu, Ahmet Mazhar (Turkey)

Speaker: Binazzi, Roberto (Italy)

Speaker: Karachalios, Theofilos (Greece)

Speaker: Klauser, Wolfgang (Germany)

Hand and wrist

CLINICAL CASES
14.00–15.00

CLINICAL CASES: HAND & WRIST
Moderators: Kopylov, Philippe / Uzumcugil, Akin (Turkey)

Room Barcelona

Complex radio-carpal fracture-dislocation in a professional pianist: Early surgical treatment and rehabilitation - Case report
Authors: Pompili, Massimo / Ceccarelli, Francesco / Corsini, Tiziana / Pedrazzini, Alessio / Paterlini, Marco
Speaker: Pedrazzini, Alessio (Italy)

A misdiagnosis of traumatic hypersupination of the distal radioulnar joint
Authors: Church, James / Saad, Ali / Asopa, Vipin
Speaker: Asopa, Vipin (Australia)

Young woman with chronic swelling in her wrist and hand
Authors: Lluch Bergada, Alex / Esteban, Ignacio / Llusà, Manel / Vidal Tarrascón, Nuria / Mir Bullo, Xavier / Nardi, Joan / Cáceres Palou, Enric / Cortina Gualdo, Josep
Speaker: Cortina Gualdo, Josep (Spain)

Hydatid disease of the flexor synovial sheath of the forearm & the hand, a case report
Authors: Allam, Ahmad
Speaker: Allam, Ahmad (Egypt)

Mobilisation of triquetrum with radio-scapho-triquetral fusion for stage 3B Kienbock's disease- A preliminary report with 4 month follow up
Authors: Singh, Harvinder / Ullah, Aamer / Dias, Joseph / Srinivasan, Suresh
Speaker: Srinivasan, Suresh (United Kingdom)

Partial peripheral TFCC injury associated with an incomplete ulnar styloid fracture. A report of two cases
Authors: Temporin, Ko / Yamamoto, Koji / Okamoto, Michio / Namba, Jiro
Speaker: Namba, Jiro (Japan)

14:00 – 15:00

Polytrauma/Pelvis

INSTRUCTIONAL LECTURE	BIOLOGICS IN OPEN FRACTURES	Room Brussels
14.00–15.00	Moderator: Giannoudis, Peter (United Kingdom)	

Speaker: Haas, Norbert (Germany)

Paediatrics

CLINICAL CASES	CLINICAL CASES: PAEDIATRICS	Room Helsinki
14.00–15.00	Moderators: Böhm, Stephanie (Sweden), Inan, Muharrem (Turkey)	

Fracture of the medial growth plate of the clavicle with posterior dislocation. A difficult diagnosis
Authors: Silva Gomes, Diogo / Soares, João / Guerreiro, Ricardo / Norte Ramos, Susana / Sant'Anna, Francisco / Cassiano Neves, Manuel / Magalhães, Glória
Speaker: Magalhães, Glória (Portugal)

Iliac osteomyelitis presenting as septic arthritis of the hip joint
Authors: Ryan, William / Davis, Naomi / Kocialkowski, Cezary
Speaker: Kocialkowski, Cezary (United Kingdom)

Congenital soft tissue fibromatosis in a new born
Authors: Villa, Ángel / Salcedo, María / González, Gaspar / González, José Luis / López-Barea, Fernando / De Las Heras, Jorge
Speaker: De Las Heras, Jorge (Spain)

Delayed Grisel's syndrome diagnosis: Halo fixation or primary surgical treatment?
Authors: Tarquini, Olina / Oliveira, Vasco / Cardoso, Pedro / Gonçalves, Ricardo
Speaker: Gonçalves, Ricardo (Portugal)

Femoral bowing and consequent stress fracture in an adolescent with glucose-6-phosphatase dehydrogenase deficiency (G6PD)
Authors: Rashid, Abbas / Mellor, Simon / Abdul-Jabar, Hani B.
Speaker: Abdul-Jabar, Hani B. (United Kingdom)

Management of severe unstable open pelvic ring disruption with perineum wound, hip dislocation, and femoral diaphyseal fracture in a 7-year-old patient
Authors: Hayashi, Yoshikazu / Mukouhujawara, Yuka / Sekiya, Isato / Otsuka, Takanobu / Takada, Naoya / Joyo, Yuji
Speaker: Joyo, Yuji (Japan)

EFAS – European Foot and Ankle Society



Foot/ankle/leg

SPECIALITY SESSION	HALLUX VALGUS	Room Lisbon
14.00–15.00	Moderators: Delmi, Marino (Switzerland), Redfern, David (United Kingdom)	

Variability and Classification
Speaker: Alvarez, Fernando (Spain)

Classical open surgical treatment
Speaker: Delmi, Marino (Switzerland)

Mini-invasive surgery
Speaker: Rabat Ribes, Eduard (Spain)

Percutaneous surgery
Speaker: Magnan, Bruno (Italy)

Evidence based results
Speaker: Rochwerger, Alexandre (France)

14:00 – 15:00

Sports / Knee soft-tissue

INSTRUCTIONAL LECTURE	MODERN INDICATION FOR A HIGH TIBIAL OSTEOTOMY	Room Florence
14.00–15.00	Moderator: Neyret, Philippe (France)	

Speaker: Denti, Matteo (Italy)

General Orthopaedics / complications / basic science / technology

INSTRUCTIONAL LECTURE	HOW TO INTRODUCE NEW IMPLANTS/TECHNIQUES	Room Nice
14.00–15.00	Moderator: Macheras, George (Greece)	

Speaker: Malchau, Henrik (Sweden)

Knee osseous

FREE PAPER	TKA – TECHNIQUE RELATED OUTCOMES	Room Vienna
14.00–15.00	Moderators: Steens, Wolfram (Germany), Gamal, Ahmed Hosny (Egypt)	

Does extension gap balance affect flexion gap balance on TKA?

Authors: Iida, Satoshi / Suzuki, Chiho / Miyamoto, Shuichi / Kawamoto, Taisei

Speaker: Kawamoto, Taisei (Japan)

Midflexion knee instability in primary total knee replacement: A nationwide survey of British Association for Surgery of Knee (BASK) members

Authors: Jennings, Andrew / Gregory, Robert / Ramappa, Manjunath

Speaker: Ramappa, Manjunath (United Kingdom)

The effect of infrapatellar fat pad excision in postoperative complication after Minimally Invasive Surgery Total Knee Arthroplasty (MIS-TKA)

Authors: Pinsornsak, Piya

Speaker: Pinsornsak, Piya (Thailand)

Does minimally-invasive Total Knee Arthroplasty lead to better postoperative quadriceps function ?

Authors: Krismer, Martin / Koller, Arnold / Semenitz, Barbara / Mayr, Eckart / Liebensteiner, Michael

Speaker: Liebensteiner, Michael (Austria)

Minimum 10-Year follow-up of Total Knee Arthroplasty using gap balancing technique in young and active patients

Authors: Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza

Speaker: Meftah, Morteza (United States)

Prospective randomized controlled clinical study with radiographic control on conventional and Mini Mid-Vastus (MMV) Total Knee Arthroplasty (TKA) with 2 years follow-up

Authors: Pilot, Peter / Niesten, Dieu Donné / Verhaar, Jan / Verburg, Hennie

Speaker: Verburg, Hennie (Netherlands)

Sports / Knee soft-tissue

COMPLEX CASE DISCUSSION	LIGAMENT INJURY OF THE IMMATURE KNEE: CONSERVATIVE AND SURGICAL TREATMENTS	Room Madrid
14.00–15.00	Organiser: Doral, Mahmut Nedim (Turkey)	

Introduction and evaluation of the injured ligaments at the immature knees

Speaker: Doral, Mahmut Nedim (Turkey)

Surgical options and risks in pediatric ACL reconstructions

Speaker: Seil, Romain (Luxembourg)

Challenges of pediatric ligament injuries

Speaker: Camathias, Carlo (Switzerland)

14:00 – 15:00

Knee injuries in the young soccer players, treatment modality returning to sport in a junior team in the first division

Speaker: Huylebroek, José (Belgium)

14:00 – 18:15

Hip

INTERACTIVE
EXPERT
EXCHANGE
14.00–18.15

ADVANCED CONCEPTS AND TREATMENT STRATEGIES FOR FEMOROACETABULAR IMPINGEMENT

Room Copenhagen

Organiser: Leunig, Michael (Switzerland)

The failure mechanisms of mechanical hip disease

Speaker: Witt, Johan (United Kingdom)

Making the right diagnosis: Who can benefit from surgery?

Speaker: Christofilopoulos, Panayiotis (Switzerland)

Limits for hip arthroscopy: What can be managed and when have we gone too far?

Speaker: Field, Richard (United Kingdom)

When is open surgery required?

Speaker: Ganz, Reinhold (Switzerland)

Outcomes of FAI surgery: Where are we today?

Speaker: Dora, Claudio (Switzerland)

15:00 – 16:00

Paediatrics

FREE PAPER
15.00–16.00

PAEDIATRICS HIP DISORDERS

Room Helsinki

Moderators: Krauspe, Rüdiger (Germany), Gamal, Ahmed Hosny (Egypt)

The effect of circulating endothelial progenitor cells, serum vascular endothelial growth factor and hypogammaglobulinemia in Perthes disease

Authors: Bedir, Abdülkerim / Usta, Dilek / Yildiran, Alisan / Gülman, Birol / Sezgin, Hicabi

Speaker: Gülman, Birol (Turkey)

Subcapital re-alignment procedure for severe SCFE with intra-operative monitoring of femoral head perfusion and post-operative bone scan: 43 cases

Authors: Birke, Oliver / Gibbons, Paul / Little, David

Speaker: Little, David (Australia)

Impact of triple pelvic osteotomy on hip stress pressure distribution

Authors: Seslija, Igor / Spasovski, Dusko / Vucetic, Cedimir / Vukasinovic, Zoran

Speaker: Spasovski, Dusko (Serbia)

Paediatrics: 3D position of the femoral head centre relative to its ossification centre – A retrospective study

Authors: Castanier, Elisabeth / Edelmann, Mickael / Jacquemier, Michel / Bollini, Gérard / Petit, Philippe / Vancura, Lukas / Jouve,

Jean-Luc / Pomeroy, Vincent

Speaker: Pomeroy, Vincent (France)

The delay in diagnosis of Slipped capital femoral epiphysis and its sequelae on the number of surgical procedures

Authors: Landauer, Franz / Thaler, Christoph

Speaker: Thaler, Christoph (Austria)

Results of treatment of severe grade of SCFE

Authors: Dungl, Pavel / Oštádal, Martin / Chomiak, Jiri

Speaker: Chomiak, Jiri (Czech Republic)

15:30 – 16:50

EFOST – European Federation of National Associations of Orthopaedic Sports Traumatology



Sports / Knee soft-tissue

SPECIALITY SESSION	SINE QUA NON / AN ESSENTIAL ELEMENT OR CONDITION – SPORTS AND OA	Room Barcelona
15.30–16.50	Moderators: Doral, Mahmut Nedim (Turkey), Papadopoulos, Pericles (Greece)	

Benign contusions in sport!

Speaker: Adamczyk, Grzegorz (Poland)

Is "Knee Instability" a real risk factor of OA in adolescents?

Speaker: Huylebroek, José (Belgium)

Medical treatment of the arthritic knee in athletes

Speaker: Felmet, Gernot (Germany)

Return to sport after knee osteotomies

Speaker: Kelberine, François M. (France)

Biological partial joint replacement in local defects

Speaker: Almqvist, Fredrik (Belgium)

General Remarks for arthroplasty & sports

Speaker: Pijnenburg, Bas (Netherlands)

Arthroplasty and soft tissue stability

Speaker: Cerulli, Giuliano Giorgio (Italy)

Limited surface arthroplasty and sports

Speaker: Doral, Mahmut Nedim (Turkey)

Unicondylar knee arthroplasty and sports

Speaker: Benazzo, Francesco (Italy)

15:30 – 17:00

Tribology	Free Paper Session with invited lecture	
FREE PAPER 15.30–17.00	METAL-ON-METAL: STILL AN OPTION?	Room Paris
	Moderators: Günther, Klaus-Peter (Germany), Savk, Öner (Turkey)	

Invited lecture

Current concepts in Metal-on-Metal articulations

Speaker: Günther, Klaus-Peter (Germany)

Primary cementless Total Hip Arthroplasty with second generation Metal-on-Metal bearings

Authors: Gruebl, Alexander / Kolb, Alexander / Kubista, Bernd / Giurea, Alexander / Domayer, Stephan / Windhager, Reinhard / Lass, Richard

Speaker: Lass, Richard (Austria)

Metal-on-Metal Total Hip Arthroplasty after a ten-year follow-up

Authors: Kimura, Osamu / Cury, Marco Bernardo / Penedo, Jorge / Freitas, Emilio / Leal, Diogo

Speaker: Leal, Diogo (Brazil)

Long-term results of cementless Metal-on-Metal Total Hip Arthroplasty

Authors: Katori, Yoichi / Yamamoto, Kengo / Tateiwa, Toshiyuki / Kubo, kousuke / Shishido, Takaaki / Masaoka, Toshinori / Ishida, Tsunehito

Speaker: Ishida, Tsunehito (Japan)

Ten-year survival of the Birmingham Hip Resurfacing in patients aged 65 and over

Authors: Sharma, Akash / Treacy, Ronan / Pynsent, Paul / Matharu, Gulraj / Pailhe, Regis

Speaker: Pailhe, Regis (United Kingdom)

15:30 – 17:00

Ten year comparative effectiveness of Metal-on-Metal vs standard polyethylene-ceramic THAs with a small diameter head

Authors: Garavaglia, Guido / Roussos, Constantinos / Bonvin, Alexis / Peter, Robin / Hoffmeyer, Pierre / Lübbecke, Anne / González, Amanda
Speaker: González, Amanda (Switzerland)

Predisposing factors for pseudotumour formation in patients with adverse reaction to metal debris

Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleksi
Speaker: Reito, Aleksi (Finland)

Metal Ions and Acetabular Inclination do not correlate with pathology found on MRI following Metal-on-Metal hip arthroplasty

Authors: Bergin, Karen / Kelly, Gabrielle / Chabra, Jatinder / Kelly, Ian / McCoy, Gerry / Wozniak, Andrew / Ryan, Anthony / Quinlan, John / Fox, Ciara
Speaker: Fox, Ciara (Ireland)

Hip

FREE PAPER

HIP ARTHROSCOPY

Room Munich

15.30–17.00

Moderators: Tokgözoğlu, Ahmet Mazhar / Aydogdu, Semih (Turkey)

Timing in hip arthroscopy

Authors: Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
Speaker: Aprato, Alessandro (Italy)

Accessibility of extra-articular pathologies of iliopsoas tendon and bursitis of greater trochanter in hip arthroscopy

Authors: Ettinger, Max / Budde, Stefan / Ezechieli, Marco / Thorey, Fritz
Speaker: Thorey, Fritz (Germany)

2-year follow-up after arthroscopic treatment of femoro-acetabular impingement (FAI)

Authors: Birkhoelzer, Sarah / Pfeil, Joachim / Donner, Stefanie / Specht, Juergen
Speaker: Specht, Juergen (Germany)

A prospective study on the effect of Labral Repair on post operative hip scores following arthroscopic FAI surgery

Authors: Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
Speaker: Nabavi, Arash (Australia)

A prospective study comparing the results of primary and revision arthroscopic hip surgery for the treatment of FAI

Authors: Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
Speaker: Nabavi, Arash (Australia)

Arthroscopic treatment of femoro acetabular impingement: 4 to 7 years follow-up

Authors: Bertino, Antonio / Potestio, Domenico / Santori, Nicola
Speaker: Santori, Nicola (Italy)

Arthroscopy in painful hip arthroplasty : Analysis of 11 cases

Authors: Fantasia, Rossana / Sabbioni, Giacomo / Rani, Nicola / Filanti, Mattia / Stagni, Cesare / Dallari, Dante
Speaker: Dallari, Dante (Italy)

Revision hip arthroscopic surgery: Outcome at three years

Authors: Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
Speaker: Aprato, Alessandro (Italy)

Patient-reported outcomes in cemented and uncemented Total Hip Replacements

Authors: Garellick, Göran / Kärrholm, Johan / Rolfson, Ola
Speaker: Rolfson, Ola (Sweden)

Polytrauma/Pelvis

SYMPOSIUM

TRAUMA AND ORTHOPAEDICS IN CONFLICT AND POST-CONFLICT SETTINGS

Room Brussels

15.30–17.00

Organiser: Ciritsis, Bernard (Switzerland)

Treatment approaches in aggressive trauma in a hospital in the heart of urban tensions. Results of a retrospective study about 101 patients during 30 months.

Speaker: de Landevoisin, Emmanuel (France)

Adverse effects by a long-term presence of humanitarian organizations in developing countries

Speaker: Jouve, Jean-Luc (France)

15:30 – 17:00

Osteosynthesis and natural disasters
Speaker: Herard, Patrick (France)

ICRC war survey
Speaker: Veen, Harald (Switzerland)

Foot/ankle/leg

FREE PAPER

TENDONS HINDFOOT

Room Lisbon

15.30–17.00

Moderators: Tourné, Yves (France), Esemeli, Tanil (Turkey)

Peroneal tendon pathology associated with idiopathic subtle Cavovarus foot
Authors: Pomeroy, Greg / Sung, Wenjay / Keplinger, Marie
Speaker: Keplinger, Marie (United States)

Triple tendon Ttransfer for correction of foot drop in common peroneal nerve palsy
Authors: Rantissi, M. / Oberlin, Christophe / Dalwol, Abdalla / Rafee, Asan
Speaker: Rafee, Asan (United Kingdom)

A prospective, randomised, controlled trial to assess the efficacy of whole blood or platelets in the treatment of chronic Achilles tendinosis
Authors: Bass, Cheryl / Bourke, Gerard
Speaker: Bourke, Gerard (Australia)

Endoscopic treated midportion Achilles tendinopathy with or without intraoperative platelet-rich plasma application: A one-year prospective randomized study
Authors: Fischer, Ralph / Thermann, Hajo
Speaker: Thermann, Hajo (Germany)

Dermal and tendinous microcirculation of the healthy Achilles tendon
Authors: Gradi, Gertraud / Sellei, Richard / Kobbe, Philipp / Dienstknecht, Thomas / Pfeifer, Roman / Pape, Hans-Christoph / Lichte, Philipp / Pishnamaz, Miguel / Knobe, Matthias / Carow, Bennet
Speaker: Carow, Bennet (Germany)

Ultrasound elastography imaging of healing ruptured Achilles tendons: A measure of mechanical healing
Authors: Brown, Philip / Thompson, Mark / Willett, Keith / Noble, Alison / Alsousou, Joseph
Speaker: Alsousou, Joseph (United Kingdom)

Treatment of the insertional Achilles tendinopathie through a transtendinous approach
Authors: Razaq, Rameez / Waizy, Hazibullah / Stukenborg-Colsman, Christina / Plaass, Christian
Speaker: Plaass, Christian (Germany)

A novel way to reconstruct the neglected Achilles tendon rupture
Authors: Clayton, James / Asopa, Vipin
Speaker: Asopa, Vipin (Australia)

Alternative treatment for recalcitrant plantar fasciitis: Proximal medial gastrocnemius release (minimally invasive surgical technique)
Authors: Medina Santos, Monica / De Lucas Aguilar, Rocio / Ortega González, Javier / Bau González, Alonso / Escribano Rueda, Lydia / Salgado Rodrigo, Angel / Nuñez García, Ana
Speaker: Nuñez García, Ana (Spain)

General education

SYMPOSIUM

THIRD WORLD ORTHOPAEDICS

Room Florence

15.30–17.00

Organiser: Wurnig, Christian (Austria)

Sustainability in third world orthopaedics, is it possible?
Speaker: Mannion, Steve (United Kingdom)

Ponseti metod in India from 2009 to 2013
Speaker: Ey Batlle, Ana (France)

Arthroscopy in Cuba, an ongoing project
Speaker: Wurnig, Christian (Austria)

15:30 – 17:00

Consequences of political instability during an ongoing project
Speaker: Radler, Christof (Austria)

General Orthopaedics / complications / basic science / technology

FREE PAPER **RISK FACTORS IN LOWER LIMB ARTHROPLASTY** **Room Nice**

15.30–17.00 **Moderators: Isiklar, Ugur (Turkey), Husted, Henrik (Denmark)**

Heparin induced thrombocytopenia following lower limb arthroplasty: Should we be concerned?
Authors: Cobb, Andrew / Craik, Johnathan
Speaker: Craik, Johnathan (United Kingdom)

Reduced medium-term mortality following primary Total Hip and Knee Arthroplasty with an Enhanced Recovery Programme
Authors: Savaridas, Terence / Reed, Mike / Martin, Kate / Serrano-Pedraza, Ignacio / Malviya, Ajay / Khan, Sameer
Speaker: Khan, Sameer (United Kingdom)

The influence of pre-operative anaemia on outcomes after primary hip and knee arthroplasty under an Enhanced Recovery programme
Authors: Reed, Mike / Jameson, Simon / Petheram, Tim / Partington, Paul / Fishley, William / Khan, Sameer
Speaker: Khan, Sameer (United Kingdom)

Adverse perioperative outcomes following elective total hip arthroplasty in diabetes mellitus: A systematic review and meta-analysis of cohort studies
Authors: Gaston, Paul / Tsang, Shao-Ting
Speaker: Tsang, Shao-Ting (United Kingdom)

Total Hip Replacement in intravenous drug users: Long-term outcome and immunological status
Authors: Riedl, Martina / Giurea, Alexander / Fischer, Michael / Gruebl, Alexander
Speaker: Gruebl, Alexander (Austria)

Bleeding-related wound complications during chemical thromboprophylaxis in Total Hip Replacement: What's chemical and what's technical?
Authors: do Carmo, Wellington / Gomes, Luiz
Speaker: Gomes, Luiz (Brazil)

The effect of chronic kidney disease on total knee arthroplasty: An evaluation of perioperative morbidity and implant longevity
Authors: Inacio, Maria / Namba, Robert / Miric, Alexander
Speaker: Miric, Alexander (United States)

Fewer and older patients with rheumatoid arthritis need Total Knee Replacement
Authors: Honkanen, Pirjo / Eskelinen, Antti / Huhtala, Heini / Remes, Ville / Skyttä, Eerik
Speaker: Skyttä, Eerik (Finland)

Knee osseous

FREE PAPER **UNICOMPARTIMENTAL KNEE** **Room Vienna**

15.30–17.00 **Moderators: Thienpont, Emmanuel (Belgium), Ozkan, Ilhan (Turkey)**

Does the appearance of the patellofemoral joint at surgery influence the clinical result in medial unicompartmental knee arthroplasty?
Authors: Kim, Bu-Hwan / Ahn, Seong-Jun / Yoo, Seong-Ho / Song, Moo-Ho
Speaker: Song, Moo-Ho (Korea, Republic of)

Increase of tibial slope reduces wear in medial unicompartmental fixed-bearing knee arthroplasty
Authors: Utzschneider, Sandra / Pietschmann, Matthias / Jansson, Volkmar / Schröder, Christian / Weber, Patrick / Müller, Peter
Speaker: Weber, Patrick (Germany)

All-poly tibial component in unicompartmental knee arthroplasty: A prospective study with 13 years minimum follow-up
Authors: Confalonieri, Norberto / Aldè, Simone / Manzotti, Alfonso
Speaker: Manzotti, Alfonso (Italy)

15:30 – 17:00

Improved positioning of the tibial component in unicompartmental knee arthroplasty with patient-specific cutting blocks

Authors: Helmy, Näder / Diezi, Christian / Goerres, Gerhard / Dao Trong, Mai Lan

Speaker: Dao Trong, Mai Lan (Switzerland)

Unicompartmental knee arthroplasty: Is robotic technology more accurate than conventional technique?

Authors: Conditt, Michael / Banks, Scott / Pearle, Andrew / Suero, Eduardo / Citak, Mustafa

Speaker: Citak, Mustafa (Germany)

Lateral unicompartmental arthroplasty – Midterm survivorship and knee scores at minimum 5-year follow-up for fixed bearing, all-polyethylene tibial prosthesis

Authors: Porteous, Andrew / Murray, James / Robinson, James / Hassaballa, Mohammed / Smith, James

Speaker: Smith, James (United Kingdom)

Convex tibial component lowers PE dislocation rate in mobile bearing unicondylar knee prosthesis. Early clinical results of a multicentre study on 175 cases

Authors: Campbell, David / Veckman, Geert / Stuyts, Bart / Hoffmann, Frank

Speaker: Hoffmann, Frank (Germany)

The uniglide unicompartmental knee replacement: Early functional outcomes and survivorship from an independent centre

Authors: Richmond, Catherine / Spalding, Tim / Thompson, Peter / Odumenya, Michelle

Speaker: Odumenya, Michelle (United Kingdom)

Unicompartmental knee arthroplasty modes of failure. A multicentre study of 418 failed knees

Authors: Epinette, Jean Alain / Brunschweiler, Benoit / Bonnin, Michel / Leyder, Marie / Mertl, Patrice

Speaker: Mertl, Patrice (France)

Sports / Knee soft-tissue

FREE PAPER

ANTERIOR CRUCIATE LIGAMENT

Room Madrid

15.30–17.00

Moderators: Margheritini, Fabrizio (Italy), Karahan, Mustafa (Turkey)

Anatomy of the Anterior Cruciate Ligament related to Hamstrings tendons grafts. A Cadaveric study.

Authors: Beaufls, Philippe / Boisenoult, Philippe / Pujol, Nicolas

Speaker: Pujol, Nicolas (France)

The oblique lateral ligament – Novel observations on a structure to resist the pivot shift

Authors: Gupte, Chinmay / Williams, Andy / Amis, Andrew / Dodds, Alexander

Speaker: Dodds, Alexander (United Kingdom)

Prediction of the quadruple hamstring autograft thickness in anterior cruciate ligament reconstruction using anthropometric measures

Authors: Celiktas, Mustafa / Golpinar, Alper / Sutuluk, Zeynel / Celebi, Kamile / Sarpel, Yaman / Kose, Ozkan

Speaker: Kose, Ozkan (Turkey)

Partial anterior cruciate ligament tears: Histological study of the posterolateral bundle remnant

Authors: Sonnery Cottet, Bertrand / Colombet, Philippe / Potel, Jean François / Trojani, Christophe / Panisset, Jean Claude / Cucurulo, Thomas / Hulet, Christophe / Graveleau, Nicolas / Servien, Elvire / Djian, Patrick / Bazille, Celine / Pujol, Nicolas

Speaker: Pujol, Nicolas (France)

Inertial sensors and a standardized pivot shift maneuver are able to correctly highlight knee joint laxity

Authors: Lopomo, Nicola / Signorelli, Cecilia / Hoshino, Yuichi / Ahlden, Mattias / Araujo, Paulo / Fu, Freddie / Musahl, Volker / Zaffagnini, Stefano

Speaker: Zaffagnini, Stefano (Italy)

Diagnosis of different patterns of anterior cruciate ligament tears with instrumented laximetry

Authors: Panisset, Jean-Claude / Vasconcelos, Wilson / Saggin, Paulo / Dejour, David / Ntagiopoulos, Panagiotis

Speaker: Ntagiopoulos, Panagiotis (France)

Effect of femoral tunnel widening on the clinical and functional results in single bundle ACL reconstruction with aperture fixation using two different techniques– Transtibial versus anteromedial portal

Authors: Jain, Vineet / Bahl, Vibhu / Joshi, Deepak / Chaudhary, Deepak / Goyal, Ankit

Speaker: Goyal, Ankit (India)

15:30 – 17:00

Comparison of radiological and clinical results between transtibial and outside-in femoral tunnel in single bundle ACL reconstruction

Authors: Kim, Chang-Wan / Seo, Jin-Hyuk / Seo, Seung-Suk
Speaker: Seo, Seung-Suk (Korea, Republic of)

Anatomical posterolateral corner reconstruction : Mid-term results

Authors: Boisrenoult, Philippe / Wasserman, Vincent / Pujol, Nicolas / Tardy, Nicolas / Beaufils, Philippe
Speaker: Beaufils, Philippe (France)

16:00 – 17:00

Paediatrics

FREE PAPER

DEVELOPMENTAL DYSPLASIA OF THE HIP

Room Helsinki

16.00-17.00

Moderators: Ömeroglu, Hakan (Turkey), Grill, Franz (Austria)

The benefits of anterior ultrasound scanning during treatment of developmental dysplasia of the hip

Authors: Cox, Peter / Carlile, Graeme / Woodacre, Timothy
Speaker: Woodacre, Timothy (United Kingdom)

Effect of gestational age on the sonographic hip screening in term infants

Authors: Bilgili, Mustafa / Çolakoglu, Bulent / Demirhan, Mehmet / Seyahi, Aksel / Orak, Mehmet / Uludag, Serkan
Speaker: Uludag, Serkan (Turkey)

Staged weaning versus immediate cessation of Pavlik harness treatment: A retrospective comparative study

Authors: Westacott, Daniel / Waton, Andrew / Webb, Mark / Henman, Philip / Cooke, Stephen / Mackay, Nicola
Speaker: Mackay, Nicola (United Kingdom)

An analysis of the failure rates of Pavlik harness treatment for developmental dysplasia of the hip. Age of presentation and ultrasound findings are also analysed

Authors: Henman, Philip / Harrison, William / Elfaki, Ahmed
Speaker: Elfaki, Ahmed (United Kingdom)

Prognosis of late sequelae after early successful Pavlik harness treatment of dysplastic and unstable neonatal hip joints

Authors: Georgiev, Hristo / Alexiev, Venelin
Speaker: Alexiev, Venelin (Bulgaria)

An economic evaluation of the surveillance and treatment of developmental dysplasia of the hip in children

Authors: Cox, Peter / Edwards, Caroline / Carlile, Graeme
Speaker: Carlile, Graeme (United Kingdom)

16:50 – 18:15

EFOST – European Federation of National Associations of Orthopaedic Sports Traumatology



Sports / Knee soft-tissue

SPECIALITY
SESSION

SINE QUA NON / AN ESSENTIAL ELEMENT OR CONDITION – SPORTS AND OA

Room Barcelona

Moderators: Huylebroek, José (Belgium), Canata, Gian Luigi (Italy)

16.50-18.15

Return to Sports after Shoulder arthroplasty

Speaker: Papadopoulos, Pericles (Greece)

Return to Sports after Elbow arthroplasty

Speaker: Pederzini, Luigi A. (Italy)

Return to Sports after Hip arthroplasty

Speaker: Canata, Gian Luigi (Italy)

Return to Sports after total knee arthroplasty

Speaker: Haspl, Miroslav (Croatia)

17:15 – 18:15

Which type of implant is my preference for the knee arthroplasty?

Speaker: Jones, Henrique (Portugal)

Return to Sports after ankle arthroplasty

Speaker: Therman, Hajo (Germany)

Does electrotherapy restore muscle function after knee arthroplasty

Speaker: Callaghan, Michael J. (United Kingdom)

Sports after Arthroplasty. How far can we go?

Speaker: Callaghan, Michael J. (United Kingdom)

Take home message

Speaker: Maffulli, Nicola (United Kingdom)

17:15 – 18:15

Tribology

Free Paper Session with invited lecture

**FREE PAPER
SESSION**

IMPROVEMENTS OF POLYETHYLENE – HAVE WE REACHED THE GOAL?

Room Paris

17.15-18.15

Moderators: Sur, Hakki (Turkey), Muratoglu, Orhun Kamil (Turkey)

What happens to the vitamin E in a vitamin-doped HXLPE?

Authors: Lerf, Reto / Delfosse, Daniel

Speaker: Delfosse, Daniel (Switzerland)

Multicenter RSA evaluation of vitamin E doped highly cross-linked polyethylene liners and acetabular cup stability

Authors: Sillesen, Nanna / Nebergall, Audrey / Nielsen, Poul / Laursen, Mogens / Troelsen, Anders / Greene, Meridith / Malchau, Henrik

Speaker: Sillesen, Nanna (United States)

Wear evaluation of thin acetabular liners on 36mm femoral heads

Authors: Johnson, Aaron / Herrera, Lizeth / Delanois, Ronald / Mont, Michael / Loving, LaQuawn

Speaker: Loving, Laquawn (United States)

Comparison of linear wear rate according to femoral head sizes in metal on conventional UHMWPE liner

Authors: Cho, Yoon Je

Speaker: Cho, Yoon Je (Korea, Republic of)

Invited Lecture

The evolution of polyethylenes

Speaker: Muratoglu, Orhun (Turkey)

Hip

DEBATE FORUM

ARTHROPLASTY VS. OSTEOSYNTHESIS AFTER FEMORAL NECK FRACTURE

Room Munich

17.15-18.15

Organiser: Overgaard, Søren (Denmark)

Arthroplasty after femoral neck fracture

Speaker: Rogmark, Cecilia (Sweden)

Osteosynthesis after femoral neck fracture

Speaker: Ovesen, Ole (Norway)

Polytrauma/Pelvis

**COMPLEX CASE
DISCUSSION**

MAJOR PELVIC AND SPINE FRACTURES

Room Brussels

17.15-18.15

Organiser: Guerado Parra, Enrique (Spain)

Speaker: Giannoudis, Peter (United Kingdom)

Speaker: Kinik, Hakan (Turkey)

17:15 – 18:15

Paediatrics		
FREE PAPER	BASIC SCIENCES	Room Helsinki
17.15–18.15	Moderators: Yazici, Muharrem (Turkey), Lascombes, Pierre (Switzerland)	
What happens when we remove staples in epiphysiodesis? : Experimental study in rabbits Authors: Coskun, Melike / Komur, Ahmet / Oral, Aylin / Yilmaz, Baris / Komur, Baran Speaker: Komur, Baran (Turkey)		
Immunohistochemical analysis of bone bridge formation in the injured growth plate – A 9-month follow-up study Authors: Musumeci, Gieseppe / Martinelli, Elisabeth / Sonderegger, Gudrun / Fischerauer, Eva / Weinberg, Annelie / Pichler, Karin Speaker: Pichler, Karin (Austria)		
Thermal epiphysiodesis made with radio frequency ablation: An alternative treatment for leg length discrepancy? Authors: Rahbek, Ole / Stødkilde-Jørgensen, Hans / Møller-Madsen, Bjarne / Shiguetomi-Medina, Juan Speaker: Shiguetomi-Medina, Juan (Denmark)		
A study to predict transverse fracture strength of long bones in an infant by development of an In Vitro animal model of immature porcine metacarpal bones and using three-point bending Authors: Malik, Sheraz / Theobald, Peter / Jones, Mike / Malik, Shahbaz Speaker: Malik, Shahbaz (United Kingdom)		
Prevalence of vitamin D insufficiency in Swiss teenagers with appendicular fractures: a prospective study of 100 cases Authors: Lascombes, Pierre / Dayer, Romain / De Coulon, Geraldo / Anderson Della Llana, Rebecca / Martin, Xavier / Ceroni, Dimitri / Dubois-Ferrière, Victor Speaker: Dubois-Ferrière, Victor (Switzerland)		
A valid scoring system for the assessment of lower limb disability in children Authors: Fry, Helen / Abraham, Alwyn / Ghosh, Arijit Speaker: Ghosh, Arijit (United Kingdom)		
Foot/ankle/leg		
FREE PAPER	FOREFOOT	Room Lisbon
17.15–18.15	Moderators: Delmi, Marino (Switzerland), Magnan, Bruno (Italy)	
Comparison of transarticular lateral soft tissue release and conventional lateral soft tissue release in sequential bilateral distal chevron metatarsal osteotomy and unilateral distal chevron metatarsal osteotomy for the treatment of Hallux Valgus Authors: Lee, Ho Seong / Seo, Dong Kyo / Ahn, Jiyong Speaker: Seo, Dong Kyo (Korea, Republic of)		
Percutaneous metatarsal osteotomy or open technique? Is there evidence for a preferred option? A prospective randomized comparative study Authors: Lemeur, Mael / Frey, Solenne / Curvale, Georges / Rochwerger, Alexandre / Roustan, Emilie Speaker: Roustan, Emilie (France)		
Weil osteotomy vs distal metatarsal mini-invasive osteotomy form metatarsalgia and the Hallux Valgus influence in its outcome Authors: Masferrer, Ángel / Bernal Vargas, Juan / Alberti, Gloria / Matas, Mariano / Yáñez, Federico Speaker: Yáñez, Federico (Spain)		
Use of Smart Toe® implant for small toe arthrodesis. A smart concept ? Authors: Kimura, Shiori / Ahmad, Tayyab / D'Souza, Lester / Khan, Faiz Speaker: Khan, Faiz (Ireland)		
A comparison of arthrodesis, resurfacing hemiarthroplasty and total joint replacement in the treatment of advanced Hallux Rigidus Authors: Elmadag, Nuh / Tunçer, Nejat / Bilsel, Kerem / Uçan, Vahdet / Erkoçak, Ömer / Sen, Cengiz / Polat, Gökhan / Erdil, Mehmet Speaker: Erdil, Mehmet (Turkey)		
Patient experiences following implant removal after elective foot and ankle surgery: An exploratory study Authors: Roddam, Hazel / Dykes, Fiona / Sundar, Manthravadi / Wadia, Farokh Speaker: Wadia, Farokh (United Kingdom)		

17:15 – 18:15

Polytrauma/Pelvis

FREE PAPER 17.15–18.15	PELVIC FRACTURES: DIAGNOSTIC CHALLENGES AND FUNCTIONAL OUTCOME Moderators: Siebenrock, Klaus (Switzerland), Okçu, Güvenir (Turkey)	Room Florence
	Computer-assisted 3-D analysis of the safe infraacetabular bone path for a long 3.5 mm screw Authors: Arlt, Stephan / Radetzki, Florian / Marintschev, Ivan / Noser, Hansrudi / Hofmann, Gunther / Mendel, Thomas Speaker: Mendel, Thomas (Germany)	
	Radiographic measurement technique for vertical displacement of pelvic ring injury: Experimental cadaveric study Authors: Harnroongroj, Thossart / Boontanapibul, Krit Speaker: Boontanapibul, Krit (Thailand)	
	Anatomical variability of the sacrum and its implication on trans-sacral corridors and implant positioning. Results from CT based 3D statistical modeling Authors: Rommens, Pol Maria / Sawaguchi, Takeshi / Kamer, Lukas / Noser, Hansrudi / Wagner, Daniel Speaker: Wagner, Daniel (Switzerland)	
	Anterior iliac spines avulsion fractures: Surgery and conservative treatment in the adolescent. Mid- and long-term follow-up Authors: Paterlini, Marco / Betti, Emanuele / Faldini, Alessandro / Ceccarelli, Francesco / Calderazzi, Filippo Speaker: Calderazzi, Filippo (Italy)	
	Evaluation of variables affecting clinical and functional outcomes in surgically treated acetabular fractures Authors: Sen, Ramesh / Aggarwal, Sameer / Meena, Umesh / Tripathy, Sujit Speaker: Tripathy, Sujit (India)	
	Patient-reported health 10 years after displaced sacral fractures treated with internal fixation Authors: Tötterman, Anna / Glott, Thomas / Søbereg, Helene / Madsen, Jan Erik / Røise, Olav / Adelled, Aron Speaker: Adelled, Aron (Norway)	

Osteoporosis

FREE PAPER 17.15–18.15	CHALLENGES IN FRAGILITY FRACTURES Moderators: Atik, Sahap (Turkey), Dreinhöfer, Karsten (Germany)	Room Nice
	Fragility fracture of the neck of humerus and subsequent upper limb fragility fracture; is there a relationship? A retrospective cohort study of 702 neck of humerus fractures Authors: Smitham, Peter / Berko, Boris Speaker: Berko, Boris (United Kingdom)	
	Increasing occurrence of low-impact femoral shaft fractures in elderly patients on long-term use of bisphosphonates Authors: Cano, Denis / Ruiz, Carlos / Gallego, Adrián / Caeiro, José Speaker: Caeiro, José (Spain)	
	Treating the whole skeleton and not just the fracture: An audit of the secondary prevention of fragility fractures Authors: Sykes, Adam / Wigley, James Speaker: Wigley, James (United Kingdom)	
	Treatment with denosumab reduces the incidence of new vertebral and hip fractures in postmenopausal women at high risk Authors: Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana Speaker: Zidrou, Christiana (Greece)	
	Persisting long term mortality risk after a fragility fracture at middle age Authors: Nilsson, Jan-Ake / Nilsson, Peter / Akesson, Kristina / Holmberg, Anna Speaker: Holmberg, Anna (Sweden)	
	Clinical characteristics of atypical femoral fractures in patients with osteoporosis treatment Authors: Lee, Kee H / Kang, Joon-Soon Speaker: Kang, Joon-Soon (Korea, Republic of)	

17:15 – 18:15

Sports / Knee soft-tissue

INSTRUCTIONAL LECTURE	MENISCAL LESION TODAY: EVIDENCE OF TREATMENT	Room Vienna
17.15-18.15	Moderator: Espregueira-Mendes, João (Portugal)	

Speaker: Beaufils, Philippe (France)

Sports / Knee soft-tissue

FREE PAPER	KNEE LIGAMENTS	Room Madrid
17.15-18.15	Moderators: Doral, Mahmut Nedim (Turkey), Menetrey, Jacques (Switzerland)	

Medial patellobtibial ligament reconstruction for non-traumatic patellar instability: Clinical and radiological results at 6 years mean follow-up

Authors: Zaffagnini, Stefano / Grassi, Alberto / Nitri, Marco / Benzi, Andrea / Marcacci, Maurilio / Marcheggiani Muccioli, Giulio Maria
Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

The influence of the medial patellofemoral ligament on patella position - An In Vivo study

Authors: Hofmann, Siegfried / Scheurecker, Georg / Fuhrmann, Gert / Radl, Roman / Pietsch, Martin / Seitlinger, Gerd / Hoegler, Richard
Speaker: Hoegler, Richard (Austria)

Multiple arthroscopic debridement and graft retention in septic knee arthritis after ACL reconstruction. A case control study

Authors: Abdel-Aziz, Ahmed / Rizk, ahmed / Radwan, Yasser
Speaker: Radwan, Yasser (Egypt)

Local I.V. dexmedetomidine reduces Tourniquet-induced ischemia and reperfusion injury markers in ACL reconstruction

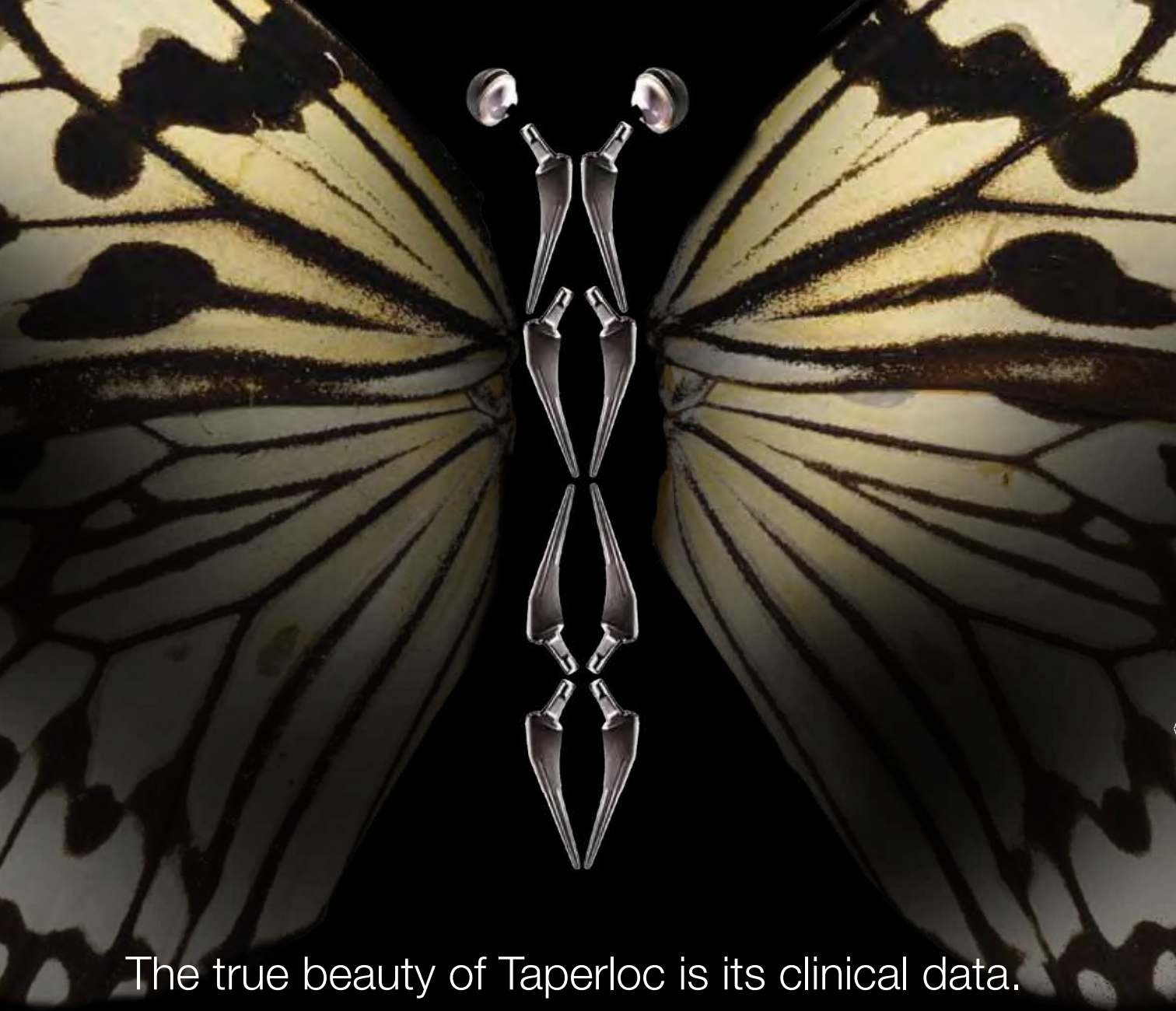
Authors: Alfeky, Atef / Zahra, Amr / Shaban, Yasser / Farouk, Mohamed / Radwan, Yasser
Speaker: Radwan, Yasser (Egypt)

Visualization of the torn anterior cruciate ligament using three-dimensional computed tomography

Authors: Kunii, Tomonori / Abe, Shun / Sugita, Takehiko / Umehara, Jutato / Uozumi, Hiroaki
Speaker: Uozumi, Hiroaki (Japan)

Evaluation of an internet - video - based patient education system in Knee Arthroscopy. Preliminary results of 62 cases

Authors: Maestro-Fernández, Antonio / Cintado-Aviles, Manuel / Seijas-Vazquez, Roberto / Perrez-Carro, Luis / Molano-Bernardino, Carlos
Speaker: Molano-Bernardino, Carlos (Spain)



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McLaughlin, J.R. and Lee, K.R. Survivorship at 22 to 26 Years. Reported with
Uncemented Tapered Total Hip Stem. Orthopedics Today. 30(1): 1, 2010.

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5.0km **Run**



2.5km **Walk**



Friday, 7 June 2013

"Sunrise Run" at 6.00am!

THURSDAY
6 JUNE

Join the EFORT Charity Run/Walk to combine your scientific congress schedule with a sportive activity for a good cause.

- If you are not yet registered, you can do so in the registration area. Ask for information at the Charity Run/Walk Desk.
- Receive your free race T-shirt upon registration.
- Refreshments and a snack will be offered after the race.
- This Run/Walk is fun and healthy. Join us!

The Run/Walk will take place in the picturesque Mačka Park near the congress venue. In the park and along the race route you can admire the diverse flora and beautiful views.

Fee: EUR 19.00

All race proceeds will benefit research through the EFORT FOUNDATION



BRAINLAB

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Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon	Florence			
Time										
08:00					Total Knee Replacement Knee osseous Advances in Total Hip and Total Knee Replacement Registration required	Osteotomies around the ankle Foot/ankle/leg Instructional Lecture	Management of bone defects after THR infection Infection Symposium			
08:15										
08:30	Tumour 3	Alignment for TKA	New developments for	Reconstruction after						
08:45	Bone and joint tumours	Knee osseous	trauma care	damage control						
09:00	Free Paper Session	Free Paper Session	Trauma upper limb	Polytrauma/Pelvis						
09:15			Speciality Session	Symposium						
09:30			AOTrauma							
09:45										
10:00	Break - Visit of the industry exhibition									
10:15										
10:30	FAI - Periacetabular	Imaging and measure-	Open fractures - Healing	Hip fracture - General		Cartilage lesions Foot/ankle/leg Free Paper Session	Infection in total hip and			
10:45	osteotomies	ments in TKA	problems	Trauma lower limb						
11:00	Hip	Knee osseous	Trauma lower limb	Free Paper Session						
11:15	Free Paper Session	Free Paper Session	Free Paper Session							
11:30										
11:45										
12:00	Michael Freeman Honorary Lecture - Paris Auditorium									
12:15										
12:30								Total Hip Replacement Hip Advances in Total Hip and Total Knee Replacement Registration required	Ealy intervention + innovation in Knee & Shoulder Arthroplast- General Orthopaedics Industry Symposium Zimmer GmbH	The MACI® implant - Setting new standards in cartilage repair General Orthopaedics Industry Symposium Sanofi
12:45										
13:00										
13:15										
13:30										
13:45										
14:00	Training as non-operative treatment of patients with osteoarthritis of the hip or knee	Around the meniscus Lower limb injury in soccer	Radial head replacement or not in elbow trauma?	Femoral neck fractures in young patients						
14:15	Pain control / rehabilitation and non-surgical management		Trauma upper limb	Trauma lower limb						
14:30	Instructional Lecture		Debate forum	Free Paper Session						
14:45										
15:00	BREAK		Break - Visit of the industry exhibition							
15:15										
15:30	Metal-on-Metal and wear		Unsolved problems in shoulder arthroscopic surgery Limits in anterior and posterior ankle arthroscopy	Focus on elbow trauma	Femoral neck fractures -					
15:45	Hip			Trauma upper limb	Periprosthetic fractures					
16:00	Free Paper Session			Speciality Session	Trauma lower limb					
16:15		ESTES		Free Paper Session						
16:30										
16:45										
17:00	BREAK									
17:15	Blood transfusion and DVT	Sports / Knee soft-tissue		Femoral neck: Hemi-arthroplasty and its complications	Polytrauma					
17:30	General Orthopaedics	Speciality Session		Trauma lower limb	Polytrauma/Pelvis					
17:45	Free Paper Session	ESSKA	Free Paper Session	Free Paper Session						
18:00						Total ankle arthroplasty Foot/ankle/leg Free Paper Session	Risk factors for postoperative infection Infection Instructional Lecture			

GENERAL ORTHOPAEDICS	UPPER LIMB	LOWER LIMB	SPINE	TRAUMA/ POLYTRAUMA	PAEDIATRICS	GENERAL EDUCATION
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Nice	Vienna	Madrid	Copenhagen	Berlin	Taksim 1	Taksim 2	Room					
							Time					
Orthopaedic surgery and thromboembolism General Orthopaedics / complications / basic science / technology Speciality Session ISTF	Assessing the rotator cuff Shoulder/elbow, arm/forearm Free Paper Session	Invited Guest Nation: SBOT – Massive rotator cuff tears: From basic science to arthroscopy and arthroplasty Shoulder/elbow, arm/forearm Symposium	Hip arthroplasty: Technique 2 Hip Free Paper Session	Minimal invasive spinal surgery: New overall perspectives Spine (incl. trauma) Speciality Session ISLASS	Speaker coaching workshop General education Workshop Registration required		08:00					
							08:15					
							08:30					
							08:45					
							09:00					
							09:15					
							09:30					
							09:45					
							10:00					
							10:15					
Break – Visit of the industry exhibition												
THA outcomes Hip Free Paper Session	Rotator cuff: New strategies Shoulder/elbow, arm/forearm Free Paper Session	Revision hip arthroplasty Hip Free Paper Session	Neuromuscular disorders and fracture diagnosis Paediatrics Free Paper Session	Low back pain in children and adolescents Spine (incl. trauma) Speciality Session AOSpine/EPOS		Literature search for Orthopaedics and Traumatology surgeons General education Workshop Registration required	10:30					
							10:45					
							11:00					
							11:15					
							11:30					
							11:45					
Michael Freeman Honorary Lecture – Paris Auditorium							12:00					
							12:15					
	Incisional negative pressure wound therapy: When to use it, how to use it? Trauma lower limb Industry Symposium Smith & Nephew	Hip Session – Exception and 2U – Always Ready to Go: The World's first Primary Hip Single Use Instrumentation Platform Hip Industry Symposium Biomet					12:30					
						12:45						
						13:00						
						13:15						
						13:30						
						13:45						
Pediatric foot disorders Paediatrics Speciality Session EPOS	4-Part proximal humerus fracture in elderly: Osteosynthesis vs prosthesis Shoulder/elbow, arm/forearm Debate forum	Hip imaging Hip Free Paper Session	New trends based on experimental results General Orthopaedics Instructional Lecture	Clinical Cases: Spine Spine (incl. trauma) Clinical Cases			14:00					
							14:15					
							14:30					
							14:45					
							15:00					
	Break – Visit of the industry exhibition						15:15					
Management of benign bone lesions Paediatrics Speciality Session EPOS	Elbow session Shoulder/elbow, arm/forearm Free Paper Session	Acetabular revisions Hip Symposium	TKA – Design related outcomes Knee osseous Free Paper Session	Deformity Spine (incl. trauma) Free Paper Session			15:30					
							15:45					
							16:00					
							16:15					
		BREAK						16:30				
								16:45				
								17:00				
								17:15				
								17:30				
	Current evidence in designs and surfaces in THA Hip Instructional Lecture	Clinical Cases: Foot & Ankle Foot/ankle/leg Clinical Cases	Growth Modulation Paediatrics Instructional Lecture	Infection, tumour & miscellaneous Spine (incl. trauma) Free Paper Session			17:45					
												18:00

FRIDAY
7 JUNE

08:00 – 17:00

Knee osseous

**ADVANCES IN
TOTAL HIP AND
TOTAL KNEE
REPLACEMENT
08.00–12.00**

TOTAL KNEE REPLACEMENT

Room Helsinki

Moderators: Knahr, Karl (Austria), Argenson, Jean-Noël (France)

Cementless, cemented or hybrid fixation
Speaker: Baldini, Andrea (Italy)

The Uni-knee: A sandwich between osteotomy and TKA
Speaker: Murray, David (United Kingdom)

Mobile versus fixed bearings
Speaker: Victor, Jan (Belgium)

Approaches to the knee joint
Speaker: Denti, Matteo (Italy)

Treatment of severe deformities
Speaker: Wymenga, Ate (Netherlands)

Management of bone defects
Speaker: Hofmann, Siegfried (Austria)

When to use revision implants?
Speaker: Benazzo, Francesco (Italy)

Navigation versus Patient-Specific-Instruments
Speaker: Becker, Roland (Germany)

The unhappy patient with a well fixed implant
Speaker: Bonnin, Michel (France)

Reducing blood loss after TKA
Speaker: Thienpont, Emmanuel (Belgium)

Periprosthetic fracture after TKA
Speaker: Hernigou, Philippe (France)

The infected implant
Speaker: Klauser, Wolfgang (Germany)

Knee osseous

**ADVANCES IN
TOTAL HIP AND
TOTAL KNEE
REPLACEMENT
13.00–17.00**

TOTAL KNEE REPLACEMENT

Room Helsinki

Moderators: Kjaersgaard-Andersen, Per (Denmark), Zagra, Luigi Massimo (Italy)

Surface replacement arthroplasty
Speaker: Spencer, Rob (United Kingdom)

Short stems – primary results
Speaker: Castelli, Claudio (Italy)

Cemented versus cementless stem fixation
Speaker: Kärrholm, Johan (Sweden)

Femoral head fractures: Hemiarthroplasty or THA?
Speaker: Ullmark, Gösta (Sweden)

Fast track treatment programs
Speaker: Siebert, Werner (Germany)

Revision of the infected THA
Speaker: Karachalios, Theofilos (Greece)

08:00 – 17:00

THA following deformities due to hip dysplasia
Speaker: Macheras, George (Greece)

Approaches to the hip joint
Speaker: Ilchmann, Thomas (Switzerland)

How to achieve stability and equal leg length in THA
Speaker: Søballe, Kjeld (Denmark)

Acetabular revision
Speaker: Garcia-Cimbrelo, Eduardo (Spain)

Revision of the femoral stem
Speaker: Tokgozoglu, Ahmet Mazhar (Turkey)

Treatment of failures related to articulation
Speaker: Zagra, Luigi Massimo (Italy)

08:30 – 09:30

Foot/ankle/leg

INSTRUCTIONAL LECTURE **OSTEOTOMIES AROUND THE ANKLE**
Moderator: Viladot Voegeli, Antonio (Spain)
08.30-09.30

Room Lisbon

Speaker: Knupp, Markus (Switzerland)

08:30 – 10:00

Bone and joint tumours

FREE PAPER **TUMOUR 3**
08.30-10.00 **Moderators: Özger, Harzem (Turkey), Capanna, Rodolfo (Italy)**

Room Paris

Deep fibromatosis. A review of current management, recurrence rates and outcomes.
Authors: Aujla, Randeep / Esler, Claire / Ashford, Robert / Eastley, Nicholas
Speaker: Eastley, Nicholas (United Kingdom)

Giant cell tumors of the small bones of the hands and feet – Long-term results of 30 patients and literature review
Authors: Dijkstra, P. / van Der Geest, I. / Campanacci, D. / Gibbons, C. / Van de Sande, Michiel / van Der Heijden, Lizz / Oliveira, Vânia
Speaker: Oliveira, Vania (Portugal)

Surgical management of long bone sarcoma in children aged five or less at diagnosis – Techniques and outcomes in a tertiary referral centre
Authors: Ozkan, Korhan / Nandra, Rajpal / Gaston, Louie / Garci, Calogero / Grimer, Robert / Reddy, Krishna
Speaker: Reddy, Krishna (United Kingdom)

Prognostic value of expression of ERCC1, MDR1, and glutathione S-transferase P1 for cisplatin based chemotherapy in osteosarcoma
Authors: Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Miwa, Shinji / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Hayashi, Katsuhiro / Igarashi, Kentaro
Speaker: Igarashi, Kentaro (Japan)

Complications and survival after surgery of skeletal metastases in 301 patients with breast cancer
Authors: Wedin, Rikard / Weiss, Rüdiger
Speaker: Weiss, Rüdiger (Sweden)

Whole body Magnetic Resonance Imaging in comparison to whole body bone scintigraphy for the detection of metastases in patients with primary bone tumours
Authors: Ng Man Sun, Stephen / Tyler, Philippa / Calleja, Michelle / Butt, Sajid / Saifuddin, Asif / Aston, William / Pollock, Robin / Skinner, John / Briggs, Timothy / Gillott, Elizabeth
Speaker: Gillott, Elizabeth (United Kingdom)

Bone reaming biopsy and histological analysis: How useful are the results?
Authors: Blackwell, John / Morley, David / Roberts, Philip / Stevenson, Jonathan
Speaker: Stevenson, Jonathan (United Kingdom)

Friday
7 June

08:30 – 10:00

Survival rates following skeletal metastases – A twenty year analysis

Authors: Ammori, Mohannad / Paul, Ashok / Panchani, Sunil

Speaker: Panchani, Sunil (United Kingdom)

YKL-40 is expressed in soft tissue sarcomas

Authors: Chrisensen, Lise / Lausten, Gunnar / Petersen, Michael / Ringsholt, Merete / Harving, Mette

Speaker: Harving, Mette (Denmark)

Knee osseous

FREE PAPER

ALIGNMENT FOR TKA

Room Munich

08.30–10.00

Moderators: Pederzini, Luigi A. (Italy), Gamal, Ahmed Hosny (Egypt)

Alignment, variations and kinematic profile of normal knees – A study of 267 knees

Authors: Deep, Kamal

Speaker: Deep, Kamal (United Kingdom)

Pre-operative TKA anatomical MRI analysis of mechanical axis and rotation of distal femur

Authors: Nawaz, Syed / Khaleel, Arshad / White, Simon / Jones, Carl

Speaker: Jones, Carl (United Kingdom)

The Hip Knee Ankle (HKA) axis and Implant position relative to mechanical axis of femur and tibia for the kinematically aligned Total Knee Replacement

Authors: Toms, Andrew / Mandalia, vipul / Waterson, Ben

Speaker: Waterson, Ben (United Kingdom)

Position and alignment of computer navigated and traditionally operated total knee replacements, evaluated by CT and long bones radiographs. A prospective, randomized clinical trial

Authors: Espehaug, Birgitte / Havelin, Leif / Petursson, Gunnar / Hallan, Geir / Halvorsen, Svein / Strøm, Eivind / Furnes, Ove / Gøthesen, Øystein

Speaker: Gøthesen, Øystein (Norway)

Measuring TKR alignment using the Perth CT Protocol : Accuracy and outcome – Influence of femoral and tibial rotation at 1 year post surgery

Authors: Bucher, Thomas / Beaver, Richard / Sloan, Karen

Speaker: Sloan, Karen (Australia)

The Berger protocol for assessing component malrotation in total knee arthroplasty: Analysis of 69 cases

Authors: Gaheer, Rajinder / Chirputkar, Kedar / Picard, Frederic / Soon, V-Liem

Speaker: Soon, V-Liem (United Kingdom)

Posterior cruciate ligament should be preserved in severe flexion contracture in total knee arthroplasty

Authors: Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Miura, Yoko / Tamaki, Tatsuya / Kaneyama, Ryutaku

Speaker: Kaneyama, Ryutaku (Japan)

Total knee arthroplasty in patients with excessive external tibial torsion > 45° and patella instability – Surgical technique and follow up

Authors: Dwyer, Tim / Marmor, Meir / Reischl, Nikolaus / Attar, Fahad / Cameron, John / Drexler, Michael

Speaker: Drexler, Michael (Canada)

Effects of tibial torsion on distal alignment of extramedullary instrumentation in Total Knee Arthroplasty

Authors: Sessa, Pasquale / Della Rocca, Antonello / Ripani, Francesca / Cinotti, Gianluca

Speaker: Cinotti, Gianluca (Italy)

AOTrauma



Trauma upper limb

SPECIALITY

NEW DEVELOPMENTS FOR TRAUMA CARE

Room Barcelona

SESSION

Moderators: Haas, Norbert (Germany), Renner, Nikolaus (Switzerland)

08.30–10.00

Multiloc humeral nail

Speaker: Hessmann, Martin (Germany)

08:30 – 10:00

Augmented implants
Speaker: Blauth, Michael (Austria)

Coated implants
Speaker: Raschke, Michael (Germany)

Dynamic locking screw
Speaker: Stöckle, Ulrich (Germany)

Discussion

Polytrauma/Pelvis

SYMPOSIUM	RECONSTRUCTION AFTER DAMAGE CONTROL	Room Brussels
08.30-10.00	Organiser: Schultz Larsen, Morten (Denmark)	

Introduction: The controversy of Damage Control
Speaker: Schultz Larsen, Morten (Denmark)

Timing of definitive fixation – systemic considerations
Speaker: Gebhard, Florian (Germany)

Strategies for treatment of pelvic and acetabular fractures
Speaker: Giannoudis, Peter (United Kingdom)

Strategies for treatment of extremity fractures
Speaker: Levent, Eralp (Turkey)

ISLASS – International Society of Laser Assisted and Percutaneous Procedures in Spinal Surgery



Spine (incl. trauma)

SPECIALITY SESSION	MINIMAL INVASIVE SPINAL SURGERY: NEW OVERALL PERSPECTIVES	Room Berlin
08.30-10.00	Moderator: Menchetti, Pier Paolo Maria (Italy)	

Posterior Percutaneous approach for cervical arthrodesis.
Speaker: Menchetti, Pier Paolo Maria (Italy)

Percutaneous Sacroiliac Fusion – pathoanatomy and biomechanical prerequisites. Mid term surgical results.
Speaker: Stureson, Bengt (Sweden)

Minimal invasive treatment in dorsal lumbar fractures: mid term results evaluation.
Speaker: Doria, Carlo (Italy)

Lumbar endoscopic discectomy versus open or microsurgical approach.
Speaker: Hess, Michael (Germany)

MISS in Adult Scoliosis: when is better versus open surgery?
Speaker: Balsano, Massimo (Italy)

Mini-open retropleural Transthoracic Approach. Technical nuances.
Speaker: Cacciola, Francesco (Italy)

Stability considerations for a 360° percutaneous fusion with an expandable intervertebral cage (PerX360°). (Speaker: Morgenstern, Rudolf (Spain)

Minimal Invasive Spinal Surgery. Less is better.
Speaker: Canero, Gianfranco (Italy)

Discussion: New perspectives in lumbar spinal surgery using ILIF System
Speaker: all

Friday
7 June

08:30 – 10:00

Infection

SYMPOSIUM	MANAGEMENT OF BONE DEFECTS AFTER THR INFECTION	Room Florence
08.30–10.00	Organiser: García-Cimbrelo, Eduardo (Spain)	
	Management of bone defects in infected THR Speaker: Cordero-Ampuero, José (Spain)	
	Criteria for success in one-stage revisions Speaker: Perka, Carsten (Germany)	
	Long stem preformed hip spacers for the management of bone defect in two-stage revision of septic THA: A 10 years experience Speaker: Romanò, Carlo Luca (Italy)	
	Clinical outcome of THR after resection-arthroplasty depending on bone defect Speaker: García-Cimbrelo, Eduardo (Spain)	

ISTF – International Surgical Thrombosis Forum



General Orthopaedics / complications / basic science / technology

SPECIALITY SESSION	ORTHOPAEDIC SURGERY AND THROMBOEMBOLISM	Room Nice
08.30–10.00	Moderator: Fletcher, John (Austria)	
	New and old oral anticoagulants: the risk of bleeding in surgery; data from clinical practice Speaker: Turpie, Alexander (Canada)	
	Type of bleeding observed in clinical trials, are they relevant for surgeons and patients Speaker: Lassen, Michael Rud (Denmark)	
	Practical tools to overcome bleeding events in surgical patients, tricks and pitfalls Speaker: Borris, Lars (Denmark)	
	Long term sequelae of bleeding and thrombosis related to surgery Speaker: Jacobsen, Barry (South Africa)	
	Panel discussion Speaker: Dahl, Ola (Norway)	

Shoulder/elbow, arm/forearm

FREE PAPER	ASSESSING THE ROTATOR CUFF	Room Vienna
08.30–10.00	Moderators: Sanderhoff Olsen, Bo (Denmark), Demirhan, Mehmet (Turkey)	
	Assessment of teres minor in massive rotator cuff tear Authors: Collin, Philippe / Lädermann, Alexandre Speaker: Lädermann, Alexandre (Switzerland)	
	Radiologic examination of the acromiohumeral distance after subacromial decompression Authors: Zelei, Tamás / Klemencsics, István / Magyar, Péter / Antal, Imre / Skaliczki, Gábor Speaker: Skaliczki, Gábor (Hungary)	
	MRI evaluations of rotator cuff retear after arthroscopic suture bridge repair Authors: Mifune, Yutaka / Nishimoto, Hanako / Muto, Tomoyuki / Harada, Yoshifumi / Inui, Atsuyuki / Nagura, Issei / Kurosaka, Masahiro / Kokubu, Takeshi Speaker: Kokubu, Takeshi (Japan)	
	Hypertrophy of the long head of the biceps advances depending on the size of rotator cuff tear Authors: Yamaguchi, Momoko / Tokai, Morihito / Tanaka, Motoki / Kawai, Nobuaki / Sugaya, Hiroyuki / Imaizumi, Hikaru / Takahashi, Norimasa Speaker: Takahashi, Norimasa (Japan)	

08:30 – 10:00

Accuracy of surgeon performed ultrasound scan compared to MRI and radiologist performed ultrasound scan in the diagnosis of rotator cuff

Authors: Ibrahim, Edward / Petrou, Charalambos / Iossifidis, Anestis

Speaker: Iossifidis, Anestis (United Kingdom)

Electro-physiologic evaluation of the supraspinatus and infraspinatus muscle after tendon rupture. Experimental rat model

Authors: Kapoukranidou, Dorothea / Chatzisotiriou, Athanasios / Ditsios, Konstantinos / Papadopoulos, Pericles / Albani, Maria / Christodoulou, Anastasios / Boutsiadis, Achilleas

Speaker: Boutsiadis, Achilleas (Greece)

The dynamic analysis of rotator cuff coordination in internal and external rotation of shoulder by Cine-MRI

Authors: Ochiai, Nobuyasu / Takaso, Masashi / Fujimaki, Hisako / Miyajima, Genyo / Onuma, Kenji / Kenmoku, Tomonori

Speaker: Kenmoku, Tomonori (Japan)

The effect of insertion angle and angle of applied load on the pullout strength of suture anchors. Should we challenge "Deadman's angle?"

Authors: Donaldson, Olly / Dafydd, Meilyr / Kulkarni, Rohit / Evans, Sam / Green, Robert

Speaker: Green, Robert (United Kingdom)

The predictive value of contra-lateral rotator cuff disease for structural outcome of arthroscopic rotator cuff repair

Authors: Bouaicha, Samy / Lübbecke, Anne / Saupe, Nadja / Duc, Silvan / Jost, Bernhard / Gerber, Christian / Puskas, Gabor

Speaker: Puskas, Gabor (Switzerland)

Shoulder/elbow, arm/forearm

SYMPOSIUM
08.30–10.00

INVITED GUEST NATION: SBOT – MASSIVE ROTATOR CUFF TEARS: FROM BASIC SCIENCE TO ARTHROSCOPY AND ARTHROPLASTY

Room Madrid

Organiser: Motta, Geraldo (Brasil)

Introduction

Speaker: Motta, Geraldo (Brasil)

Arthroscopic repair: Indications and options

Speaker: Cartucho, Antonio (Spain)

Tendon transfers for irreparable cuff lesions

Speaker: Murachovsky, Joel (Brasil)

Reverse shoulder arthropasty: When and how it is an option?

Speaker: Motta, Geraldo (Brasil)

Basic science in rotator cuff tendinopathy

Speaker: Eijnsman, Benno (Brasil)

Platelet-rich plasma in the arthroscopic repair of rotator cuff tears

Speaker: Ferreira Neto, Arnaldo Amado (Brasil)

Hip

FREE PAPER
08.30–10.00

HIP ARTHROPLASTY: TECHNIQUE 2

Room Copenhagen

Moderators: Wirtz, Dieter (Germany), Akgün, Isik Karli (Turkey)

Do we need intraoperative radiographs for determining femoral component in Total Hip Arthroplasty ?

Authors: Kabata, Tamon / Maeda, Toru / Iwai, Shintaro / Fujita, Kenji / Tsuchiya, Hiroyuki / Kajino, Yoshitomo / Kuroda, Kazunari

Speaker: Kuroda, Kazunari (Japan)

Trabecular Titanium(TM) osseointegration: A multicentre prospective DXA study

Authors: Causero, Araldo / Rossi, Paolo / Crova, Maurizio / Bistolfi, Alessandro / Grillo, Pier Paolo / Gigliofiorito, Gaetano / Pari, Carlotta / Francescotto, Andrea / Tosco, Pier Mario / Deledda, Davide / Carli, Giulia / Burelli, Silvia / Massari, Leo

Speaker: Massari, Leo (Italy)

A new method of registration in navigated hip arthroplasty without the need to register the anterior pelvic plane

Authors: Wegner, Melanie / Schubert, Mario / Haimerl, Martin / Davis, Edward

Speaker: Davis, Edward (United Kingdom)

08:30 – 12:30

The influence of the neck resection level and the prosthetic femoral head diameter on the range of motion. A computer simulation

Authors: Esopi, Paolo / Marega, Luca / Massè, Alessandro / Ravasi, Flavio / Ruggieri, Pietro / Funaioli, Silvia / Falez, Francesco
Speaker: Falez, Francesco (Italy)

Considerable individual variability in pelvis and femur orientation: Critical factor for Total Hip Arthroplasty

Authors: Tomoyuki, Ito / Horigome, Youji / Takubo, Ryota / Suda, Ken / Miyasaka, Dai / Endo, Naoto / Imai, Norio
Speaker: Imai, Norio (Japan)

Non-object based calibration of digital radiographs

Authors: Kats, Janjaap / Van Doorn, Jacco / Meermans, Geert
Speaker: Meermans, Geert (Belgium)

Curved cementless modular stem in revision hip surgery implanted with modified transfemoral approach: Three years follow-up

Authors: Cristea, Stefan / Georgeanu, Vlad / Prescura, Catalin / Predescu, Vlad
Speaker: Predescu, Vlad (Romania)

More muscle mass in men offers explanation for better results after Total Hip Arthroplasty

Authors: von Roth, Phillipp / Winkler, Tobias / Matziolis, Georg / Tohtz, Stephan / Perka, Carsten / Preininger, Bernd
Speaker: Preininger, Bernd (Germany)

Inverted Bauer approach for high hip dysplasia

Authors: Bicanic, Goran / Delimar, Domagoj
Speaker: Delimar, Domagoj (Croatia)

08:00 – 12:00

General education

WORKSHOP SPEAKER COACHING WORKSHOP (registration required)

08.00–12.00 Moderator: Coles, Angela (United Kingdom)

Room Taksim 1

Bring your Laptop!

Speaker: Coles, Angela (United Kingdom)

10:30 – 12:00

Hip

FREE PAPER FAI – PERIACETABULAR OSTEOTOMIES

Room Paris

10.30–12.00 Moderators: Christofilopoulos, Panayiotis (Switzerland), Ozsoy, Mehmet Hakan (Turkey)

Curved periacetabular osteotomy with labrum repair for dysplastic hips

Authors: Nishio, Shoji / Nakayama, Hiroshi / Yoshiya, Shinichi / Fukunishi, Shigeo
Speaker: Fukunishi, Shigeo (Japan)

A quantitative method to determine the severity of pincer lesions in acetabular impingement

Authors: Fehily, Max / Wall, Alun / Plastow, Ricci
Speaker: Plastow, Ricci (United Kingdom)

Acetabular reorientation during periacetabular osteotomy using a surgical navigation system – An experimental cadaver study

Authors: Puls, Marc / Bastian, Johannes / Keel, Marius / Tannast, Moritz / Siebenrock, Klaus / Ecker, Timo
Speaker: Ecker, Timo (Switzerland)

Dynamic evaluation of famoroacetabular impingement using CT-based 3D movement simulation software

Authors: Shirai, Chikashi / Abe, Isao
Speaker: Abe, Isao (Japan)

Hip stability after ligamentum teres resection during surgical dislocation for cam impingement

Authors: Bartlett, Gavin / Norton, Mark / Fern, Darren / Phillips, Alistair
Speaker: Phillips, Alistair (United Kingdom)

10:30 – 12:00

Minimally invasive periacetabular osteotomy: Evaluation of surgical correction and complications

Authors: Witt, Johan / Malviya, Ajay

Speaker: Malviya, Ajay (United Kingdom)

Ischiofemoral impingement: Clinical, radiological and functional evaluations and future directions

Authors: Silva, Sérgio / Pinto, Rui / Torres, João / Gutierrez, Manuel / Monteiro, Eurico

Speaker: Monteiro, Eurico (Portugal)

The influence of pelvic tilt on acetabular orientation and femoral head coverage: A three-dimensional computerised tomography analysis

Authors: Dandachli, Wael / Witt, Johan / Ul Islam, Saif

Speaker: Ul Islam, Saif (United Kingdom)

Three-dimensional simulation before and after periacetabular osteotomy to assess femoroacetabular impingement

Authors: Kabata, Tamon / Maeda, Toru / Fujita, Kenji / Tsuchiya, Hiroyuki / Kajino, Yoshitomo / Kuroda, Kazunari / Iwai, Shintaro

Speaker: Iwai, Shintaro (Japan)

Knee osseous

FREE PAPER

IMAGING AND MEASUREMENTS IN TKA

Room Munich

10.30-12.00

Moderators: Sur, Hakki (Turkey), Akgün, Isik Karli (Turkey)

Differences in measurement of lower limb alignment among different registration methods of navigation and radiograph in Total Knee Arthroplasty

Authors: Seo, Jin-Hyuk / Seo, Seung-Suk

Speaker: Seo, Seung-Suk (Korea, Republic of)

The influence of femoral curvature and axial rotation of the femur when measuring the femoral mechanical-anatomical angle (FMA). Interest of a 3D measurement system (EOS)

Authors: Feydy, Antoine / Anract, Philippe / Sailhan, Frederic

Speaker: Sailhan, Frederic (France)

Custom-fit total knee arthroplasty: An alignment study in 100 patients

Authors: Plattner, Florian / Radl, Roman / Hofmann, Siegfried / Djahani, Oliver / Pietsch, Martin

Speaker: Pietsch, Martin (Austria)

Alignment of Total Knee Arthroplasty using patient matched instrumentation vs computer assisted surgery

Authors: Blakeney, William / Hardisty, Gerard / Spencer, Jonathan / Clark, Rhys

Speaker: Clark, Rhys (Australia)

Difference of gap before and after posterior cruciate ligament substitution during TKA

Authors: Nagamine, Ryuji / Kondo, Keiichi / Yoh, Yoshinobu / Osano, Kei / Chen, Weijia

Speaker: Chen, Weijia (Japan)

The accuracy of knee implants sizing predicted by digital templating using hip-to-ankle radiographs and its relation to implants' overhanging

Authors: Kalnberzs, Konstantins / Abols, Janis / Zadoroznijs, Sergejs

Speaker: Zadoroznijs, Sergejs (Latvia)

Comparison of accuracy between MRI based and CT based patient specific instrument Total Knee Arthroplasty – A prospective randomized study

Authors: Lee, Sang-Hak / Cho, Sung-Woo / Kang, Dong-Geun / Kim, Kang-Il

Speaker: Kim, Kang-Il (Korea, Republic of)

Native hip morphology predetermines the pattern of knee osteoarthritis

Authors: Pegg, Elise / Dodd, Christopher / Murray, David / Pandit, Hemant / Boissonneault, Adam

Speaker: Boissonneault, Adam (United States)

Comparison of alignment values between short and long leg images for calculation of alignment

Authors: Mont, Michael / Dunbar, Michael / Eckhoff, Donald / Greene, Kenneth / Patel, Amisha

Speaker: Patel, Amisha (United States)

10:30 – 12:00

Trauma lower limb		
FREE PAPER	OPEN FRACTURES – HEALING PROBLEMS	Room Barcelona
10.30–12.00	Moderators: Teixidor Serra, Jordi (Spain), Agus, Haluk (Turkey)	
	Comparison of intracompartmental pressures in open and closed tibial fractures: An experimental study Authors: Altay, Nuray / Öztürk, Ibrahim / Baykara, Islam / Sert, Cemil / Isikan, Ugur / Ertürk, Cemil / Altay, Mehmet Speaker: Altay, Mehmet (Turkey)	
	Rotational displacement during reaming of segmental tibia fractures: Does it spin? Authors: Buckley, Richard / Arastu, Mateen / Sheehan, Brendan Speaker: Arastu, Mateen (Canada)	
	Fracture Healing Following High Energy Tibia Trauma: Ilizarov versus Taylor Spatial Frames Authors: Rigby, Alan / Sharma, Hemant / Menakaya, Chinyelu Speaker: Menakaya, Chinyelu (United Kingdom)	
	The British Orthopaedic Association Standards for Trauma (BOAST 4) reduce morbidity in open lower limb fractures Authors: Mulligan, Alex / Tibrewal, Saket / Malagelada, Francesc / Jeyaseelan, Luckshmana Speaker: Jeyaseelan, Luckshmana (United Kingdom)	
	To present experiences and early results of tibial nailing combined with angular stable locking screws (ASLS) in distal tibial fractures (AO 42 and AO 43). And whether this provides stable conditions, as shown in biomechanical studies Authors: Krings, Søren / Larsen, Morten / Brix, Michael / Schönnemann, Jesper / Jacobsen, Peter Speaker: Schönnemann, Jesper (Denmark)	
	Human immunodeficiency virus and open tibial fractures. Is early wound healing affected in surgically stabilised fractures? A prospective study Authors: Aird, Jim / Rollinson, Paul / Howard, Nicholas Speaker: Howard, Nicholas (United Kingdom)	
	What is the predictive value of pre-operative inflammatory blood parameters in diagnosis of low grade infection of long bone non-union? Authors: Gudipati, Suri / Giannoudis, Peter / Holton, Colin Speaker: Holton, Colin (United Kingdom)	
	Treatment of septic pseudoarthrosis of the tibia with intertibio fibular graft. Review of 52 cases Authors: Portabella-Blavia, Federico / Cabo-Cabo, Xavier / Moranas-Barrero, José / Pedrero-Elsuso, Salvador / Pérez-Fernández, Albert / Pantaleón-Rodríguez, Edwin / Romero-Pijoan, Eudald Speaker: Romero-Pijoan, Eudald (Spain)	
	Radical debridement and remote corticotomy-callotaxis in infected tibial non-union with bone loss Authors: Allam, Ahmad Speaker: Allam, Ahmad (Egypt)	
Trauma lower limb		
FREE PAPER	HIP FRACTURE – GENERAL	Room Brussels
10.30–12.00	Moderators: Rogmark, Cecilia (Sweden), Cullu, Emre (Turkey)	
	Are there significant complications in patients undergoing hip fracture surgery in whom Clopidogrel is continued? Authors: Pandey, Radhakant / Srinivasan, Suresh / Lee, Kwang Speaker: Lee, Kwang (United Kingdom)	
	Fascia iliaca compartment block for hip fractures: A great cocktail without the hangover? Authors: Lees, Debbie / Ankers, Thomas / A'Court, Jamie / Reed, Mike / Harrison, William Speaker: Harrison, William (United Kingdom)	
	Comprehensive orthogeriatric medical review as a single intervention improves outcome for elderly patients with fractures of the proximal femur: A study of 845 patients Authors: Das, Abhishek / Ollivere, Ben / Taylor, Andrew / Moran, Christopher / Gaden, Mark Speaker: Gaden, Mark (United Kingdom)	
	Time delay, length of hospital stay and 30-day mortality in hip fracture patients Authors: Razik, Aisha / Bajekal, Rajiv / Alshameeri, Zeiad Speaker: Alshameeri, Zeiad (United Kingdom)	

10:30 – 12:00

Randomised trial of blood transfusion after hip fracture surgery

Authors: Parker, Martyn / Brankin, Rory
Speaker: Brankin, Rory (United Kingdom)

Factors associated with red blood cell transfusion in patients with a fractured hip

Authors: Jørgensen, Henrik / Riis, Troels / Lauritzen, Jes / Duus, Benn / Norgaard, Astrid / Pedersen, Ole / Madsen, Christian
Speaker: Madsen, Christian (Denmark)

Hyponatraemia in hip fracture, an analysis of 3897 patients: Hyponatraemia on discharge increases the risk of a second hip fracture

Authors: Cochrane, Lynda / Singer, Brian / Tinning, Craig
Speaker: Tinning, Craig (United Kingdom)

Body Mass Index as a predictor of one-year mortality: A prospective study of elderly patients with hip fracture

Authors: Al-Ani, Amer / Hedström, Margareta / Laurin, Agnes / Flodin, Lena
Speaker: Flodin, Lena (Sweden)

Surgical site infection in hip fractures: Revision 2006-2011

Authors: Cruz, Encarnación / Hirschfeld, Miguel / Guérado Parra, Enrique / Cano, Juan Ramón
Speaker: Cano, Juan Ramón (Spain)

AOSpine – Global Spine society / EPOS – European Paediatric Orthopaedic Society



AOSPINE



Spine (incl. trauma)

SPECIALITY

LOW BACK PAIN IN CHILDREN AND ADOLESCENTS

Room Berlin

SESSION

Moderator: Yazici, Muharrem (Turkey)

10.30–12.00

Epidemiology and risk factors: Changing profile. Is this a modern years' problem?

Speaker: Lund, Teija (Finland)

Imaging: When and how?

Speaker: Zerbi, Alberto (Italy)

Differential diagnosis: When should be red flags up

Speaker: Lascombes, Pierre (Switzerland)

Disk pathologies: Same as in adults?

Speaker: Lund, Teija (Finland)

Spondylolysis: To operate or not to.

Speaker: Yazici, Muharrem (Italy)

Sports and low back pain: Sports related back pain and return to sport after LBP episode

Speaker: Lascombes, Pierre (Switzerland)

Foot/ankle/leg

FREE PAPER

CARTILAGE LESIONS

Room Lisbon

10.30–12.00

Moderators: Vannini, Francesca (Italy), Kiliçoglu, Önder (Turkey)

Influence of basal support and early loading on bone cartilage healing in press-fitted osteochondral autografts

Authors: Reilingh, Mikel / Wolny, Martin / Duda, Georg / Van Dijk, Niek / Schell, Hanna / Nosewicz, Tomasz
Speaker: Nosewicz, Tomasz (Netherlands)

Chondrocyte transplantation in osteoarthritis using a collagen gel

Authors: Halbwirth, Florian / Luksch, Thomas / Zwickl, Hannes / Nehrer, Stefan
Speaker: Nehrer, Stefan (Austria)

The biological damage in talamic fractures of the calcaneus: Clinical and anatomic-pathological study

Authors: Manfredini, Giuseppe
Speaker: Manfredini, Giuseppe (Italy)

10:30 – 12:00

Functional evaluation of patients treated with osteochondral allograft transplantation for post-traumatic ankle arthrosis: follow ups at 1 and 5 years

Authors: Berti, Lisa / Mancini, Lara / Vannini, Francesca / Leardini, Alberto / Giannini, Sandro / Lullini, Giada

Speaker: Lullini, Giada (Italy)

Reconstruction of chondral or osteochondral lesions of the talus by matrix associated autologous chondrocytes implantation (ACI) – Mid-term results

Authors: Goetz, Juergen / Schaumburger, Jens / Grifka, Joachim / Anders, Sven

Speaker: Anders, Sven (Germany)

dGEMRIC of Cartilage After AMIC – Aided reconstruction of osteochondral lesions of the talus

Authors: Studler, Ueli / Kretschmar, Martin / Miska, Matthias / Bieri, Oliver / Valderrabano, Victor / Wiewiorski, Martin

Speaker: Wiewiorski, Martin (Switzerland)

Microfracture vs osteochondral autologous transplantation for high-grade osteochondral lesions of the talus: A 10-year prospective comparative clinical experience

Authors: Dierckman, Brian / Labib, Sameh

Speaker: Labib, Sameh (United States)

Arthroscopic autologous chondrocyte implantation in talar osteochondral lesions: 7 years results and T2-mapping capability in outcome prediction

Authors: Buda, Roberto / Parma, Alessandro / Vannini, Francesca / Battaglia, Milva / Pagliuzzi, Gherardo / Giannini, Sandro / Ruffilli, Alberto

Speaker: Giannini, Sandro (Italy)

Long-term results of the autologous osteo-chondral graft for the osteochondral lesion (OCL) of talus

Authors: Usami, Norio / Hiraishi, Eiichi / Suda, Yasunori / Toyama, Yoshiaki / Ikezawa, Hiroko

Speaker: Ikezawa, Hiroko (Japan)

Infection

FREE PAPER

INFECTION IN TOTAL HIP AND KNEE REPLACEMENT

Room Florence

10.30–12.00

Moderators: Yazar, Tarik (Turkey), Winkler, Heinz (Austria)

Is nasal colonization by *S. aureus* in orthopaedic surgeons – Prevalence and relation with prosthetic joint infections

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Pereira, Paulo / Sousa, Ricardo / Dias da Costa, Luis

Speaker: Dias da Costa, Luis (Portugal)

Staphylococcus aureus screening is not effective in reducing prosthetic joint infection – results of a prospective randomized trial

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Santos, Ana Claudia / Castro, Ana Paula / Sousa, Ricardo / Dias da Costa, Luis

Speaker: Dias da Costa, Luis (Portugal)

Preoperative asymptomatic bacteriuria is a risk factor for gram negative prosthetic joint infection

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Santos, Ana Claudia / Castro, Ana Paula / Sousa, Ricardo / Dias da Costa, Luis

Speaker: Dias Da Costa, Luis (Portugal)

Analysis of different bacterial load on infected components of total knee prosthesis with the sonication method

Authors: Pilz, Magdalena / Presterl, Elisabeth / Windhager, Reinhard / Holinka, Johannes

Speaker: Holinka, Johannes (Austria)

Quality of life with PMMA spacers during 2-stage revision for periprosthetic hip infection: An evaluation with the SF-36 questionnaire

Authors: Kappe, Thomas / Bieger, Ralf / Reichel, Heiko / Jung, Sebastian

Speaker: Jung, Sebastian (Germany)

Impact of an interdisciplinary septic surgery unit on treatment of knee and hip prosthetic joint infections

Authors: Veuthey, Marie / Meriem, Samir / Trampuž, Andrej / Borens, Olivier / Tkilaishvili, Tamta / Baalbaki, Rayan / Walti, Laura

Speaker: Baalbaki, Rayan (Switzerland)

Sonication of explanted orthopaedic material – Our experience

Authors: Lapoša, Andrej / Trampuž, Andrej / Dolinar, Drago / Kocjancic, Boštjan

Speaker: Kocjancic, Boštjan (Slovenia)

10:30 – 12:00

Infection and functional outcome of hip and knee prosthetic joint infection – A retrospective multicenter study
Authors: Cattelan, Catharina / Veuthey, Marie / Meriem, Samir / Baalbaki, Rayan / Trampuž, Andrej / Borens, Olivier / Walti, Laura
Speaker: Walti, Laura (Switzerland)

Elective orthopaedic antimicrobial prophylaxis in the United Kingdom and surgical site infection in Total Hip Arthroplasty
Authors: Bryson, David / Taylor, Grahame / Aujla, Randeep
Speaker: Aujla, Randeep (United Kingdom)

Hip

FREE PAPER **THA OUTCOMES** **Room Nice**

10.30–12.00 **Moderators: Kostakos, Athanasios (Greece), Beksac, Burak (Turkey)**

The seven year outcome of the ASR XL prosthesis
Authors: De Steiger, Richard / Davidson, David / Cashman, Kara / Liu, Yen / Ryan, Philip / Graves, Stephen
Speaker: Graves, Stephen (Australia)

The Dawn hip – One year on
Authors: Daniel, Neen / Nzeako, Obi
Speaker: Nzeako, Obi (United Kingdom)

Modular stems in hip dysplasia
Authors: Rossi, Stefano / Piovani, Lucio / Benazzo, Francesco / Perticarini, Loris
Speaker: Perticarini, Loris (Italy)

Enhanced biomechanical closed kinetic chain therapy intervention in the rehabilitation of patients after total hip arthroplasty
Authors: Kosashvili, Yona / Segal, Ganit / Velkes, Steven / Mor, Amit / Ronen, Debi / Bernfeld, Benjamin / Yaari, Lee
Speaker: Yaari, Lee (Israel)

Mid-term results of an anatomic femoral neck sparing prosthesis
Authors: Egidy, Claus / Gehrke, Thorsten / Citak, Mustafa / Kendoff, Daniel
Speaker: Kendoff, Daniel (Germany)

Nineteen-years results of THA using modular 9mm S-ROM femoral component in patients with small femoral canals
Authors: Abolghasemian, Mansour / Cameron, Hugh / Dwyer, Tim / Marmor, Meir / Reischl, Nikolaus / Drexler, Michael
Speaker: Drexler, Michael (Canada)

Current fixation usage and registry outcomes in Total Hip Arthroplasty: The uncemented paradox
Authors: Sillesen, Nanna / Malchau, Erik / Malchau, Henrik / Troelsen, Anders
Speaker: Troelsen, Anders (Denmark)

 Outcome of Total Hip Arthroplasty in nonagenarian patients (with age more than 90 years) – A District General experience
Authors: Gajula, Partha / Munuswamy, Shivashankaran / Chakrabarti, Dip / Hafeez, Khalid / Jain, Shiva / Banerjee, Brian / Velpula, Jagan Mohana Reddy
Speaker: Velpula, Jagan Mohana Reddy (United Kingdom)

Shoulder/elbow, arm/forearm

FREE PAPER **ROTATOR CUFF: NEW STRATEGIES** **Room Vienna**

10.30–12.00 **Moderators: Verhaar, Jan (Netherlands), Karahan, Mustafa (Turkey)**

The advantageous effect of low-intensity pulsed ultrasound for osteogenic activity of human rotator cuff derived cells
Authors: Kokubu, Takeshi / Niikura, Takahiro / Mifune, Yutaka / Muto, Tomoyuki / Nishimoto, Hanako / Harada, Yoshifumi / Kurosaka, Masahiro / Nagura, Issei
Speaker: Nagura, Issei (Japan)

Unplanned admissions following arthroscopic day case shoulder surgery
Authors: Clewley, Tom / Crowther, Mark / Thomas, William
Speaker: Thomas, William (United Kingdom)



Winner of the Free Paper Award

10:30 – 12:00

MUA with steroid injection vs arthroscopic capsular release for frozen shoulder: A prospective randomised study
Authors: Gajjar, Shreyash / Redfern, Tom / Akhtar, Ahsan
Speaker: Akhtar, Ahsan (United Kingdom)

The importance of patient expectations in predicting functional outcomes after shoulder arthroscopic capsular release for adhesive capsulitis
Authors: Das, Abhishek / Dattani, Rupen / Patel, Vipul / Banerjee, Samik / Ramasamy, Vijayaraj
Speaker: Ramasamy, Vijayaraj (United Kingdom)

Experimental tendon regeneration of rotator cuff tears with autologous tenocytes and a biodegradable collagen-based scaffold in sheep model – First results
Authors: Kempfert, Lena / Gülecüyüz, Mehmet / Ficklscherer, Andreas / Pietschmann, Matthias / Müller, Peter / Ullmann, Tina / Schmitt, Bärbel / Rossbach, Björn
Speaker: Rossbach, Björn (Germany)

Management of irreparable rotator cuff tears with GraftJacket
Authors: Singh, Harvinder / Pandey, Radhakant / Armstrong, Alison / Modi, Amit
Speaker: Modi, Amit (United Kingdom)

Effects of selective paralysis of the supraspinatus muscle with Botulinum neurotoxin A in rotator cuff healing in rats
Authors: Hartl, Tessa-Katharina / Scharf, Markus / Pietschmann, Matthias / Müller, Peter / Schröder, Christian / Sievers, Birte / Gülecüyüz, Mehmet / Ficklscherer, Andreas
Speaker: Ficklscherer, Andreas (Germany)

The value of arthroscopic acromioplasty in the treatment of shoulder impingement syndrome. Five-year results in a randomised controlled trial
Authors: Ketola, Saara
Speaker: Ketola, Saara (Finland)

Primary stability of a new ultrasound assisted suture anchor system for rotator cuff reconstruction in comparison to the primary stability an established benchmark suture anchor system in osteopenic and healthy human humeri
Authors: Lehmann, Mario / Mayer, Jörg / Müller, Peter / Pietschmann, Matthias / Goebel, Stephanie / Gülecüyüz, Mehmet
Speaker: Gülecüyüz, Mehmet (Germany)

Hip

FREE PAPER

REVISION HIP ARTHROPLASTY

Room Madrid

10.30–12.00

Moderators: Babis, George (Greece), Togrul, Emre (Turkey)

Improvement of acetabular bone reconstruction in revision arthroplasty: Allograft loaded with stem cells, acetabular reinforcement Kerboul cross and retentive cup
Authors: Honna, Yashiro / Hernigou, Philippe
Speaker: Hernigou, Philippe (France)

First time cup revision – The Swedish experience. Analysis of 19342 first time cup revisions from the Swedish Hip Arthroplasty Register
Authors: Garellick, Göran / Kärrholm, Johan / Mohaddes, Maziar
Speaker: Mohaddes, Maziar (Sweden)

Effect of surgical approach on dislocation rates following revision Total Hip Replacement
Authors: Trickett, Ryan / Evans, Aled / Singh, Rohit / Asprou, Fotini
Speaker: Asprou, Fotini (United Kingdom)

Isolated acetabular revision with ceramic on ceramic bearings using a ceramic head with a metal sleeve
Authors: Hwang, Kyu-Tae / Choi, Il-Yong / Kim, Young-Ho / Kim, Yee-Suk
Speaker: Kim, Yee-Suk (Korea, Republic of)

Revision of recurrent THA dislocation with dual mobility cups: follow-up of 180 hips over 7 (4–14) years
Authors: Migaud, Henri / Fessy, Michel-Henri / Combes, Antoine / Brunschweiler, Benoit / Mertl, Patrice
Speaker: Mertl, Patrice (France)

Revision of acetabular component migrated in pelvis in THA
Authors: Gartonea, Dinu / Prundeanu, Andrei / Bratu, Dorel / Groseanu, Florin / Papp, Andrei / Cristea, Stefan
Speaker: Cristea, Stefan (Romania)

10:30 – 12:00

Significant cost savings and no early failures when using primary hip arthroplasty implants for revision total hip replacement surgery

Authors: Hunter, Tom / Pavlou, George / Evans, Christopher / Gandhi, Maulik
Speaker: Gandhi, Maulik (United Kingdom)

Reconstruction of deficient acetabuli using allograft and reinforcement ring or cage; bone stock restoration and its impact on the prognosis of re-revision

Authors: Tangsataporn, Suksan / Lee, Paul / Backstein, David / Safir, Oleg / Gross, Allan / Abolghasemian, Mansour
Speaker: Abolghasemian, Mansour (Canada)

Trabecular metal buttress augment and cup-cage construct in treatment of periprosthetic pelvic discontinuity

Authors: Sueiro-Fernández, José / Ballester-Alfaro, Juan José
Speaker: Ballester-Alfaro, Juan José (Spain)

Paediatrics

FREE PAPER

NEUROMUSCULAR DISORDERS AND FRACTURE DIAGNOSIS

Room Copenhagen

10.30-12.00

Moderators: Inan, Muharrem (Turkey), Cassiano Neves, Manuel (Portugal)

Treatment and prevention of lateral migration of the femoral head by the soft tissue release in children with spastic form of juvenile cerebral palsy

Authors: Poul, Jan / Urbasek, Karel
Speaker: Urbasek, Karel (Czech Republic)

Clinical and instrumental evaluation of botulinum toxin effects on the "idiopathic toe walking": A pilot study

Authors: Berti, Lisa / Benedetti, Maria Grazia / Fusaro, Isabella
Speaker: Fusaro, Isabella (Italy)

Comparative study of calcaneal lengthening osteotomy and Grice-Green extra-articular subtalar arthrodesis for the treatment of spastic pes planovalgus deformity in patients with cerebral palsy

Authors: Kanellopoulos, Anastasios / Papagelopoulos, Panagiotis / Stavropoulos, Nikolaos / Soucacos, Panayiotis / Sakellariou, Vasileios / Mazis, Georgios
Speaker: Stavropoulos, Nikolaos (Greece)

Kinematic findings in primary genu recurvatum in children with diplegic cerebral palsy

Authors: Wolf, Sebastian / Braatz, Frank / Dreher, Thomas / Klotz, Matthias
Speaker: Klotz, Matthias (Germany)

Extramembranous transfer of the tibialis posterior tendon for the treatment of drop foot deformity in children

Authors: Tuncer, Kutsi / Canbek, Umut / Yildiz, Vahit / Köse, Mehmet / Topal, Murat / Aydin, Ali
Speaker: Topal, Murat (Turkey)

Rock, paper, scissors': Introduction of a simple guideline to improve neurological assessment in paediatric patients presenting with upper limb fractures

Authors: Roberston, James / Godman, Anna / Boyle, Jennifer / Huntley, James / Marsh, Andrew
Speaker: Marsh, Andrew (United Kingdom)

Medial Patellofemoral Ligament (MPFL) reconstruction with hamstring autograft improves patella alta in children

Authors: Salvati, Eduardo / Ladenhauf, Hannah / Fabricant, Peter / Green, Daniel
Speaker: Green, Daniel (United States)

Fractures of the knee in children – What can go wrong?

Authors: Sonne-Holm, Stig / Christoffersen, Jens / Wong, Christian / Leeberg, Veronica
Speaker: Leeberg, Veronica (Denmark)

Needle aspiration/irrigation for the treatment of a septic joint in children. Is it a safe procedure?

Authors: Guerreiro, Ricardo / Sant'Anna, Francisco / Cassiano Neves, Manuel / Soares, João / Gomes, Diogo / Magalhães, Glória
Speaker: Magalhães, Glória (Portugal)

Friday
7 June

10:30 – 12:00

General education

WORKSHOP 10.30–12.00	LITERATURE SEARCH FOR ORTHOPAEDICS AND TRAUMATOLOGY SURGEONS (registration required) Moderator: Küçükdemir, Fatih (Turkey) Pubmed & Google Speaker: Küçükdemir, Fatih (Turkey) Cochrane Speaker: Sukeik, Mohamed (Turkey)	Room Taksim 2
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Bring your Laptop!

12:00 – 12:30

HONORARY LECTURE 12.00–12.30	MICHAEL FREEMAN HONORARY LECTURE Speaker: Tomita, Katsuro (Japan) Spinal Tumor Surgery: Resent challenge and future perspectives	Room Paris
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14:00 – 14:50

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY SESSION 14.00–14.50	OFFICE PEDIATRIC ORTHOPAEDICS Moderator: Yazici, Muharrem (Turkey) Rotational deformities of lower extremity Speaker: Böhm, Stephanie (Sweden) Limping child Speaker: Ömeroglu, Hakan (Turkey) Management of minor fractures Speaker: Cassiano Neves, Manuel (Portugal) Growing Pains Speaker: Eastwood, Deborah (United Kingdom)	Room Nice
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14:00 – 15:00

Pain control / rehabilitation and non-surgical management

INSTRUCTIONAL LECTURE 14.00–15.00	TRAINING AS NON-OPERATIVE TREATMENT OF PATIENTS WITH OSTEOARTHRITIS OF THE HIP OR KNEE Moderator: Murray, David (United Kingdom) Speaker: Roos, Ewa (Denmark)	Room Paris
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Friday
7 June

14:00 – 15:00

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION	AROUND THE MENISCUS	Room Munich
14.00–15.00	Moderators: Menetrey, Jacques (Switzerland), Seil, Romain (Luxembourg)	
	Meniscus biology and biomechanics Speaker: Espregueira-Mendes, João (Portugal)	
	Meniscus biology and biomechanics Speaker: Pereira Rocha, Hernani (Portugal)	
	Meniscal cysts and discoid meniscus: how to save the meniscus? Speaker: Djian, Patrick (France)	
	Meniscal tears and ACL lesions: what can we do better? Speaker: Menetrey, Jacques (Switzerland)	
	Advanced repair techniques for (not so) rare lesions Speaker: Seil, Romain (Luxembourg)	
	Meniscal lesions and cartilage repair Speaker: Madry, Henning (Germany)	
	Complications and results of meniscal repair Speaker: Denti, Matteo (Italy)	

Trauma upper limb

DEBATE FORUM	RADIAL HEAD REPLACEMENT OR NOT IN ELBOW TRAUMA?	Room Barcelona
14.00–15.00	Organiser: Judet, Thierry (France)	
	Pro radial head replacement Speaker: Dumontier, Christian (France)	
	Contra radial head replacement Speaker: Mathias, Winter (Germany)	

Trauma lower limb

FREE PAPER	FEMORAL NECK FRACTURES IN YOUNG PATIENTS	Room Brussels
14.00–15.00	Moderators: Duus, Benn Ronnow (Denmark), Sarisözen, Bartu (Turkey)	
	Surgical and functional outcome in young patients with femoral neck fractures. A prospective multicentre study of 183 patients with 2 years follow-up Authors: Neander, Gustaf / Blomfeldt, Richard / Ekström, Wilhelmina / Hedström, Margareta / Al-Ani, Amer Speaker: Al-Ani, Amer (Sweden)	
	Mortality in young hip fracture patients Authors: Riis, Troels / Mark, Susanne / Duus, Benn / Lauritzen, Jes / Pedersen, Ole / Jensen, Peter Speaker: Jensen, Peter (Denmark)	
	Outcome for patients under 60 with displaced femoral neck fractures Authors: Hommel, Ami / Åkesson, Kristina / Garellick, Göran / Rogmark, Cecilia / Leonardsson, Olof Speaker: Leonardsson, Olof (Sweden)	
	The addition of anti-rotation screw to the Dynamic Hip Screw for Garden I and II femoral neck fractures: Is it worth it? Authors: Muhammad, Ahmad / Gadiyar, Rajiv / Patterson, Marc / Makki, Daoud Speaker: Makki, Daoud (United Kingdom)	

FRIDAY
7 JUNE

14:00 – 15:00

Platelet-rich plasma in the treatment of internally fixed fractures of the proximal femur: A pragmatic randomised controlled trial

Authors: Achten, Juul / Parsons, Nicholas / Costa, Matthew / Griffin, Xavier

Speaker: Griffin, Xavier (United Kingdom)

Variables associated with mortality within 1-year following a displaced intracapsular neck of femur fracture

Authors: Bhasin, Swati / Quraishi, Sohail / Gandhi, Maulik

Speaker: Gandhi, Maulik (United Kingdom)

Spine (incl. trauma)

CLINICAL CASES

CLINICAL CASES: SPINE

Room Berlin

14.00–15.00

Moderators: Cáceres Palou, Enric (Spain), Berk, Haluk (Turkey)

Sacroplasty for sacral insufficiency fractures. Our early experience

Authors: Wilkinson, Johanna / Todd, Brian / Tandon, Vineet / Kapoor, Vikas / Joel, James

Speaker: Joel, James (United Kingdom)

Pyogenic spondylodiscitis secondary to mycotic abdominal aortic aneurysm rupture: Report of two cases

Authors: Esteve, Alba / Ubierna Garcés, María Teresa / Cavanilles, José María / Iborra, Miquel / Alberti, Gloria / Matas, Mariano / Bianco, Daniel

Speaker: Bianco, Daniel (Spain)

Epithelioid hemangioendothelioma of the spine

Authors: Vilà Canet, Gemma / Lozano Álvarez, Carlos / Saló Bru, Guillem / Molina Ros, Antoni / Ramírez Valencia, Manuel / Pérez Prieto, Daniel

Speaker: Pérez Prieto, Daniel (Spain)

Efficacy of VEPTR after convex hemiepiphysiodesis in congenital scoliosis – Three cases

Authors: Mohamedean, Aly / El-Sharkawi, Mohammad / Adam, Faisal / Stuecker, Ralf / Abol Oyouun, Nariman

Speaker: Abol Oyouun, Nariman (Egypt)

Occipital condyle fracture in a pain-free patient following low velocity injury

Authors: Wharton, Rupert / Tudor, Edward / Eseonu, Kelechi

Speaker: Eseonu, Kelechi (United Kingdom)

The blind motorcyclist: Bilateral amaurosis and loss of upper extremity motor function after blunt trauma against the cervical spine and upper trunk

Authors: Sellei, Richard / Pape, Hans-Christoph / Hansen, Nienke / Dienstknecht, Thomas / Weber, Christian

Speaker: Weber, Christian (Germany)

Foot/ankle/leg

EVIDENCE
BASED
MEDICINE
SESSION

METATARSALGIA: TREATMENT AND OPTIONS

Room Lisbon

14.00–15.00

Metatarsalgia: what do we treat?

Speaker: Redfern, David (United Kingdom)

Metatarsalgia: open or percutaneous surgery?

Speaker: Tourné, Yves (France)

Metatarsalgia and destroyed MTP joint?

Speaker: Viladot Voegeli, Antonio (Spain)

14:00 – 15:00

Infection

FREE PAPER	INFECTION IN ORTHOPAEDIC SURGERY	Room Florence
14.00–15.00	Moderators: Gür, Semih (Turkey), Borens, Olivier (Switzerland)	
	The impact of daptomycin and vancomycin loaded palacos RG on gentamicin elution Authors: Blom, Ashley / Webb, Jason / Lovering, Andrew / Gbejuade, Herbert Speaker: Gbejuade, Herbert (United Kingdom)	
	Clinical efficacy of scintigraphy with marked anti-granulocyte antibodies – LeukoScan® assisted with bone marrow scintigraphy in the diagnosis of infection in hip and knee replacement Authors: Vieira, Tiago / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Pereira, Jorge / Pinto, Rui / Duarte, Filipe / Rodrigues, Pedro / Silva, Manuel / Antunes, Artur Speaker: Antunes, Artur (Portugal)	
	MRSA screening in orthopaedic surgery: Is it clinically valuable and cost effective? Authors: Paton, Robin / Heywood, Nick / Barkatali, Bilal Speaker: Barkatali, Bilal (United Kingdom)	
	Contamination of light handle in orthopaedic theatres – Is it a cause for concern? Authors: Anand, Anoop / Hasan, Syed / Guleri, Achyut / Ayyaswamy, Brijesh Speaker: Ayyaswamy, Brijesh (United Kingdom)	
	One-stage revision of infected Total Knee Arthroplasty – Biological reconstruction and effective antimicrobial treatment using antibiotic impregnated allograft bone Authors: Winkler, Heinz Speaker: Winkler, Heinz (Austria)	
	Comparison of infected lower limb arthroplasty in an Independent and Public Sector Hospital Authors: Rawcliffe, Catherine / Kheiran, Amin / Sivaprakasam, Manjunathan / Chauhan, Sandeep / Khakha, Raghbir Speaker: Khakha, Raghbir (United Kingdom)	

Shoulder/elbow, arm/forearm

DEBATE FORUM	4-PART PROXIMAL HUMERUS FRACTURE IN ELDERLY: OSTEOSYNTHESIS VS PROSTHESIS	Room Vienna
14.00–15.00	Organiser: Kontakis, George (Greece)	
	4-part proximal humerus fractures: management with replacement Speaker: Sinopidis, Chris (Greece)	
	4-part proximal humerus fractures: management with osteosynthesis Speaker: Hackney, Roger (United Kingdom)	

Hip

FREE PAPER	HIP IMAGING	Room Madrid
14.00–15.00	Moderators: Leunig, Michael (Switzerland), Cila, Erdal (Turkey)	
	Investigation of the index for pelvic rotation on a plain A–P hip X-ray using Zed Hip Authors: Koyama, Hiroshi / Togawa, Daisuke / Hoshino, Hironobu / Matsuyama, Yukihiro / Hanada, Mitsuru Speaker: Hanada, Mitsuru (Japan)	
	Assessment of native hip offset on corresponding radiographs and CT– Implications for THA planning Authors: Waldstein, Wenzel / Grammatopoulos, George / Pegg, Elise / Streit, Marcus / Gotterbarm, Tobias / Murray, David / Aldinger, Peter / Gill, Harinderjit / Merle, Christian Speaker: Merle, Christian (Germany)	
	Preoperative simulation for Periacetabular osteotomy with using three-dimensional patient's own salt model Authors: Yamamoto, Takeaki / Takahira, Naonobu / Takaso, Masashi / Uchiyama, Katsufumi / Moriya, Mitsutoshi / Fukushima, Kensuke Speaker: Fukushima, Kensuke (Japan)	
	Standing or supine pelvic X-Rays – Is there a difference in measured acetabular orientation? Authors: Holland, J. P. / Khan, Munir / Beckingsale, Tom / Marsh, Martin Speaker: Marsh, Martin (United Kingdom)	

Friday
7 June

14:00 – 15:00

Comparison of parameters for pelvic inclination on a plain AP radiograph
Authors: Hoshino, Hironobu / Koyama, Hiroshi / Hanada, Mitsuru / Togawa, Daisuke / Suzuki, Daisuke
Speaker: Suzuki, Daisuke (Japan)

The prevalence of acetabular retroversion in asymptomatic adults
Authors: Perka, Carsten / Heller, Markus / Wassilew, Georgi
Speaker: Wassilew, Georgi (Germany)

General Orthopaedics / complications / basic science / technology

INSTRUCTIONAL LECTURE NEW TRENDS BASED ON EXPERIMENTAL RESULTS

Room Copenhagen

Moderator: Cannon, Stephen (United Kingdom)

14.00–15.00

Speaker: Baldini, Nicola (Italy)

14:50 – 15:40

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY SESSION PEDIATRIC FOOT DISORDERS

Room Nice

Moderator: Eastwood, Deborah (United Kingdom)

14.50–15.40

Tarsal coalition
Speaker: Ippolito, Ernesto (Italy)

Adolescent hallux valgus
Speaker: Synder, Marek (Poland)

Forefoot deformities: Curly toes, pes adductus, digitus quintus superductus, digitus flexus etc.
Speaker: de Pellegrin, Maurizio (Italy)

Idiopathic toe walking
Speaker: Roposch, Andreas (United Kingdom)

15:00 – 16:00

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION LOWER LIMB INJURY IN SOCCER

Room Munich

Moderators: Servien, Elvire (France), Ekstrand, Jan (Sweden)

15.00–16.00

Strategies and preventions
Speaker: Della Villa, Stefano (Italy)

Ankle injuries
Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)

ACL injuries
Speaker: Servien, Elvire (France)

Hamstrings injuries
Speaker: Ekstrand, Jan (Sweden)

15:30 – 17:00

Hip

FREE PAPER **METAL-ON-METAL AND WEAR** **Room Paris**

15.30-17.00 **Moderators: Günther, Klaus-Peter (Germany), Altintas, Faik (Turkey)**

Patient activity and In Vivo polyethylene wear in Total Hip Arthroplasty

Authors: Heyligers, I. / Grimm, B. / Senden, R.

Speaker: Senden, R. (Netherlands)

Why don't all malpositioned resurfaced cups have high wear? – A dynamic, gait lab study

Authors: Grammatopoulos, George / Gill, Harinderjit / Murray, David / Andersen, Michael / Pandit, Hemant / Pegg, Elise / Mellon, Stephen

Speaker: Mellon, Stephen (United Kingdom)

In Vivo oxidation in surgically-retrieved sequentially irradiated/annealed acetabular liners

Authors: Rowell, Shannon / Estok, Daniel / Kreuzer, Stefan / Malchau, Henrik / Muratoglu, Orhun

Speaker: Muratoglu, Orhun (United States)

The creep behavior in vitamin E stabilized highly cross-linked polyethylene

Authors: Pineau, Vincent / Gouzy, Solène / Lebel, Benoit / Vielpeau, Claude

Speaker: Vielpeau, Claude (France)

Measurement of systemic titanium ion levels following modular neck total hip arthroplasty: A 9-13 year follow-up study

Authors: Kretzer, Jan Philippe / Streit, Marcus / Reinders, Joern / Gotterbarm, Tobias / Aldinger, Peter / Omlor, Georg / Bruckner, Thomas / Merle, Christian

Speaker: Merle, Christian (Germany)

Prevalence of non-concentric loading and impingement in a retrieval analysis of 496 Metal-on-Poly Total Hip Arthroplasties

Authors: Kwon, Young-Min / Elson, Leah / Muratoglu, Orhun / Malchau, Henrik / Sillesen, Nanna

Speaker: Sillesen, Nanna (United States)

Ceramic on metal bearing in total hip arthroplasty, clinical results, ion levels and chromosomal analysis at 2 years

Authors: Perera, Jonathan / Gillott, Elizabeth / Carroll, Fintan / Briggs, Timothy / Kazi, Hussain

Speaker: Kazi, Hussain (United Kingdom)

Bearing change for ceramic fractures after Alumina-on-Alumina Total Hip Arthroplasty

Authors: Baek, Ji-Hoon / Lee, Kyung-Jae / Min, Byung-Woo / Kim, Hee Joong / Yoo, Jeong Joon

Speaker: Lee, Kyung-Jae (Korea, Republic of)

In Vivo wear particle analysis of remelted and sequential irradiated highly cross-linked poly from joint fluids

Authors: Minoda, Yukihide / Ohta, Yoichi / Ikebuchi, Mitsuhiro / Mizokawa, Shigeichi / Nakamura, Hiroaki / Iwaki, Hiroyoshi

Speaker: Iwaki, Hiroyoshi (Japan)

ESTES – European Society for Trauma and Emergency Surgery



Trauma upper limb

SPECIALITY **FOCUS ON ELBOW TRAUMA** **Room Barcelona**

SESSION **Moderators: Leenen, Luke (Netherlands), Rommens, Pol Maria (Germany)**

15.30-17.00

Is there still a place for tension band wiring in uncomplicated olecranon fractures?

Speaker: Brink, Peter (Netherlands)

Anatomical plates around the elbow, friend or foe? Part 1: distal humerus

Speaker: Rommens, Pol Maria (Germany)

Anatomical plates around the elbow, friend or foe? Part 2: proximal ulna

Speaker: Leenen, Luke (Netherlands)

Stability around the elbow: what contributes?

Speaker: Nijs, Stefaan (Belgium)

Treatment algorithm of fracture-dislocations of the elbow

Speaker: Babst, Reto (Switzerland)

15:30 – 17:00

Trauma lower limb		
FREE PAPER	FEMORAL NECK FRACTURES – PERIPROSTHETIC FRACTURES	Room Brussels
15.30–17.00	Moderators: Bel, Jean-Christophe (France), Erdemli, Bülent (Turkey)	
	Reduced reoperation rate of cemented hemiarthroplasty (HA) compared with uncemented HA and internal fixation of displaced femoral neck fracture up to 19 years after initial surgery in 75+ year old patients Authors: Overgaard, Søren / Lauritzen, Jes / Ovesen, Ole / Viberg, Bjarke Speaker: Ovesen, Ole (Denmark)	
	High dose, double antibiotic-impregnated cement reduces surgical site infection (SSI) in hip hemiarthroplasty – A randomised controlled trial of 848 patients with intracapsular neck of femur fractures Authors: Sprowson, Andrew / Chambers, Simon / Inman, Dominic / Jones, Simon / Aradhyula, Narasimha / Reed, Mike / Jensen, Cyrus Speaker: Jensen, Cyrus (United Kingdom)	
	Mortality after hemi-arthroplasty for hip fracture – Does cement make a difference? Authors: Holt, Graeme / Smith, Rik / Uzoigwe, Chika / Gosal, Harminder / Young, Peter / Middleton, Rory Speaker: Middleton, Rory (United Kingdom)	
	Surgical errors could be a major risk factor of dislocation after hip hemiarthroplasty Authors: Maansson, Lukas / Olsson, Marianne / Hansen, Knut Egill Parrington Speaker: Hansen, Knut Egill Parrington (Norway)	
	Pre-operative predictors of 30 day mortality following fracture neck of femur Authors: Pratt, Roland / Reed, Mike / Ramappa, Manjunath Speaker: Ramappa, Manjunath (United Kingdom)	
	Contralateral hip fractures: Does surgical fixation method influence the risk? Authors: Ho, Kevin / Sadiq, Shahzad / Lau, Jeffrey Speaker: Lau, Jeffrey (United Kingdom)	
	Treatment of periprosthetic fractures using locking compression plate combined with cerclage wiring Authors: Lanzani, Edoardo / Maggi, Francesco / Legnani, Claudio / Gaetani, Giorgio Speaker: Gaetani, Giorgio (Italy)	
	Periprosthetic fractures around hip hemiarthroplasty performed for hip fracture Authors: Moran, Chris / Manktelow, Andrew / Phillips, Jonathan Speaker: Phillips, Jonathan (United Kingdom)	
	Femoral revision for Vancouver B2 and B3 periprosthetic fractures Authors: Kodomuri, Preetham / Westbrook, Anthony / Manktelow, Andrew / Phillips, Jonathan Speaker: Phillips, Jonathan (United Kingdom)	
Spine (incl. trauma)		
FREE PAPER	DEFORMITY	Room Berlin
15.30–17.00	Moderators: Balsano, Massimo (Italy), Aydingöz, Önder (Turkey)	
	Transcriptional profile of vitamin D receptor gene (VDR) in bone, cartilage, muscles and blood in Juvenile and adolescent idiopathic scoliosis Authors: Szota, Justyna / Mazurek, Urszula / Bozek, Marek / Nowak, Roman / Wrotniak, Maciej Speaker: Nowak, Roman (Poland)	
	Recovery of respiratory function in idiopathic scoliosis after costoplasty and posterior instrumentation Authors: Jensen, Cyrus / Andrews, John / Fender, David / Gibson, Mike / Johnson, Riem Speaker: Johnson, Riem (United Kingdom)	
	The interest of 3D measurements (EOS) of the pelvic prametres in spinal disorders Authors: D'Astorg, Henri / Feydy, Antoine / Anract, Philippe / Sailhan, Frederic Speaker: Sailhan, Frederic (France)	
	The prevalence of abnormal preoperative coagulation tests in paediatric patients undergoing spinal surgery for scoliosis Authors: O'Brien, Kirsty / Ryan, Katie Speaker: Ryan, Katie (Ireland)	
	Efficiency of Intraoperative halofemoral traction for the treatment of scoliosis curves over 70 degrees Authors: Malkoc, Melih / Sever, Cem / Tezer, Mehmet / Cift, Hakan / Aydogan, Mehmet Speaker: Aydogan, Mehmet (Turkey)	

15:30 – 17:00

Kyphotic deformities of the cervical spine – Prospective study of 90 patients

Authors: Kryl, Jan / Vyskocil, Tomáš / Barna, Michal / Nesnidal, Petr / Stulik, Jan

Speaker: Stulik, Jan (Czech Republic)

Single stage, four-rod cantilever reduction and posterior instrumented fusion for idiopathic thoracic hyperkyphosis

Authors: Muthian, Senthil / Jasani, Vinay / Ahmed, Elnarsri / Tsang, Kai

Speaker: Tsang, Kai (United Kingdom)

Treatment of monosegmental lumbar stenosis in adults with scoliosis

Authors: Usicov, Vladimir / Michaylov, Dmitry / Mosevnin, Sergey / Man, Hao / Ptashnikov, Dmitry

Speaker: Ptashnikov, Dmitry (Russian Federation)

Growing rods for treatment of infantile and juvenile scoliosis – Preliminary results

Authors: Fernandes, Pedro / Tirado, António / Soares do Brito, Joaquim / Rocha, Pedro / Fernandes Teixeira, Joana Helena

Speaker: Rocha, Pedro (Portugal)

Foot/ankle/leg

SYMPOSIUM

COMPLICATIONS IN TOTAL ANKLE ARTHROPLASTY

Room Lisbon

15.30–17.00

Organiser: Besse, Jean-Luc (France)

TAA complications – management of cysts

Speaker: Besse, Jean-Luc (France)

Revision without prosthesis changing

Speaker: Winson, Ian (United Kingdom)

Revision by prosthesis replacement

Speaker: Knupp, Markus (Switzerland)

Revision by arthrodesis

Speaker: Leemrijse, Thibault (Belgium)

EBJIS – European Bone & Joint Infection Society



Infection

SPECIALITY SESSION

DEFINING BONE AND JOINT INFECTION

Room Florence

15.30–17.00

Moderators: Romanò, Carlo Luca (Italy), Heppert, Volkmar (Germany)

Definition of implant-related infection

Speaker: Winkler, Heinz (Austria)

Superficial and deep implant-related infections: myth or reality ?

Speaker: Romanò, Carlo Luca (Italy)

Definition and diagnostic criteria of osteomyelitis

Speaker: Wagner, Christof (Germany)

Definition of septic arthritis.

Speaker: Borens, Olivier (Switzerland)

No infection recurrence: which criteria ?

Speaker: Kirketerp-Møller, Klaus (Denmark)

Panel discussion

Speaker: Winkler, Heinz (Austria)

Panel discussion

Speaker: Romanò, Carlo Luca (Italy)

Panel discussion

Speaker: Heppert, Volkmar (Germany)

15:30 – 17:00

Shoulder/elbow, arm/forearm

FREE PAPER	ELBOW SESSION	Room Vienna
15.30–17.00	Moderators: Kiss, Jenő (Hungary), Atalar, Ata Can (Turkey)	
	Myofibroblasts in posttraumatic elbow capsules Authors: Bosse, Tjalling / Kloen, Peter / Cohen, Mark / Jupiter, Jesse / Ring, David / Doornberg, Job Speaker: Doornberg, Job (Netherlands)	
	Microdensity of the distal humerus: An anatomic study Authors: Hoffmeyer, Pierre / Abrassart, Sophie Speaker: Abrassart, Sophie (Switzerland)	
	Ulnar nerve compression neuropathy: what is the role of electromyography before surgery? Authors: Templeton-Ward, Oliver / Magnussen, Peter / Granville-Chapman, Jeremy / Smee, Elizabeth / Hearnden, Anthony / Lindisfarne, Edward A Speaker: Lindisfarne, Edward A (United Kingdom)	
	Anterior application of medial distal tibial locking plate for fractures of the distal humeral shaft metaphyseal junction: Is it a logical procedure? Authors: Özkaya, Ufuk / May, Cüneyt / Mutlu, Harun / Parmaksizoglu, Atilla / Bilgili, Fuat Speaker: Bilgili, Fuat (Turkey)	
	Radial Head Prosthesis in the treatment of unstable fractures of the elbow Authors: Teani, Ezio / Maggi, Roberto / Castelli, Claudio / Rizzi, Luigi Speaker: Rizzi, Luigi (Italy)	
	Percutaneous K-wire reduction for the treatment of radial head fractures Mason type II Authors: Simon, Paul / Unterhauser, Frank / Schmidmaier, Gerhard / Winkler, Tobias Speaker: Winkler, Tobias (Germany)	
	The role of the coronoid process in elbow fracture dislocation: Can we omit operative fixation if we use the hinged external fixation concept? Authors: Gausepohl, Thomas / Pennig, Dietmar / Mader, Konrad Speaker: Mader, Konrad (Norway)	
	Lateral epicondylitis and radial tunnel syndrome: Long-term results of surgical decompression Authors: Korpakakis, John / Triantis, Petros / Mpougiouklis, Dimitris / Andritsos, George / Ntinopoulos, Charalampos Speaker: Ntinopoulos, Charalampos (Greece)	
	Comparison of lateral epicondylitis treatment in sports persons with laser therapy, local steroid or platelet rich plasma injection Authors: Jain, Vineet / Bahl, Vibhu / Joshi, Deepak / Chaudhary, Deepak / Goyal, Ankit Speaker: Goyal, Ankit (India)	

Hip

SYMPOSIUM	ACETABULAR REVISIONS	Room Madrid
15.30–17.00	Organiser: Tsiridis, Eleftherios (United Kingdom)	
	Acetabular revision: Classification – surgical exposures – registry data Speaker: Labek, Gerold (Austria)	
	Major Bone Loss: Jumbo cup-cage-augments (tantalum VS titanium) Speaker: Atilla, Bülent (Turkey)	
	Impaction grafting indications and results Speaker: Ullmark, Gösta (Sweden)	
	Pelvic discontinuity, challenges and techniques Speaker: Flecher, Xavier (France)	

15:30 – 17:00

Knee osseous

FREE PAPER	TKA – DESIGN RELATED OUTCOMES	Room Copenhagen
15.30-17.00	Moderators: Doral, Mahmut Nedim (Turkey), Steens, Wolfram (Germany)	
	The effect of fixation on the functional outcome and survival of a mobile bearing total condylar knee replacement Authors: Jha, Shilpa / Miles, Kim / East, Debra / Apthorp, Hugh / Goddard, Richard / Butler-Manuel, Adrian / Sandiford, Nemandra / Davidson, Jerome Speaker: Davidson, Jerome (United Kingdom)	
	A randomized controlled radiostereometric study comparing a novel porous titanium construct to a porous coated surface in cementless Total Knee Arthroplasty Authors: Jensen, Claus / Schröder, Henrik / Flivik, Gunnar / Lind, Thomas / Petersen, Michael / Winther, Nikolaj Speaker: Winther, Nikolaj (Denmark)	
	All-poly vs metal backed tibia components in PFC cemented Total Knee Arthroplasty Authors: W-Dahl, Annette / Gudnason, Asgeir / Sundberg, Martin / Robertsson, Otto Speaker: Robertsson, Otto (Iceland)	
	Wear reduction in rotating-platform posterior-stabilized designs: A 10-year prospective matched-pair MRI analysis Authors: Potter, Hollis / Ranawat, Chitranjan / Ranawat, Amar / Meftah, Morteza Speaker: Meftah, Morteza (United States)	
	The ADVANCE® medial-pivot knee system in primary Total Knee Arthroplasty: A prospective, randomised controlled trial Authors: Sharma, Sanjeev / Wilkinson, Mark / Freeman, Jennifer / Buckley, Simon / Kerry, Robert / Stockley, Ian / Tomouk, Mohamad / Hamer, Andrew / Basheer, Sheba Speaker: Basheer, Sheba (United Kingdom)	
	The high flex Total Knee Arthroplasty – A prospective, randomized clinical and radiological study with long term results after a minimum of 10 years Authors: Mendel, Thomas / Delank, Karl / Röllinghoff, Marc / Gutteck, Natalia / Wohlrab, David / Radetzki, Florian Speaker: Radetzki, Florian (Germany)	
	Comparison of stability and outcome of PCL substituting and PCL sacrificing TKA (a randomized controlled trial) Authors: Han, Hyuk-Soo / Kang, Seung-Baik Speaker: Kang, Seung-Baik (Korea, Republic of)	
	A randomised single-surgeon series comparing 2 radically different knee designs in 135 patients with 10 or more years follow-up Authors: Wang, Weiye / Hadden, William / Johnson, Simon Speaker: Johnson, Simon (United Kingdom)	
	Pre-operative morphometric study of the distal femur in Japanese patients who received knee replacement Authors: Owaki, Hajime / Fuji, Takeshi / Nishikawa, Masataka Speaker: Nishikawa, Masataka (Japan)	

16:00 – 18:15

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY SESSION	MANAGEMENT OF BENIGN BONE LESIONS	Room Nice
16.00-18.15	Moderator: Krauspe, Rüdiger (Germany)	
	Management of bone lesions: Stay on the safe side Speaker: Krauspe, Rüdiger (Germany)	
	Solitary Bone Cysts Speaker: Aksoy, Mehmed Cemalettin (Turkey)	
	Aneurysmal Bone Cysts Speaker: Chomiak, Jiri (Czech Republic)	

Friday
7 June

16:00 – 18:15

Osteoid osteoma

Speaker: Yazici, Muharrem (Turkey)

Chondroid bone lesions (ossifying/non-ossifying fibroma, enchondroma, etc.)

Speaker: Lascombes, Pierre (Switzerland)

Single and hereditary multiple exostosis

Speaker: Grill, Franz (Austria)

16:15 – 17:15

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION	UNSOLVED PROBLEMS IN SHOULDER ARTHROSCOPIC SURGERY	Room Munich
16.15-17.15	Moderators: Poberaj, Boris (Slovenia), Tzanakakis, Nikolaos (Greece)	
	Surgical technique for shoulder instability in bone defects, capsular deficiency, MDI	
	Speaker: Brzoska, Roman (Poland)	
	SLAP lesions and biceps pathology; when and how to repair?	
	Speaker: Poberaj, Boris (Slovenia)	
	Optimizing healing environment in cuff tears repair	
	Speaker: Soler, Francesco (Spain)	
	Management of irreparable cuff tears and retears; arthroscopic options	
	Speaker: Senekovic, Vladimir (Slovenia)	
	Suprascapular nerve release in cuff repair; an useful technique?	
	Speaker: Calvo, Angel (Spain)	

17:15 – 18:15

General Orthopaedics / complications / basic science / technology

FREE PAPER	BLOOD TRANSFUSION AND DVT	Room Paris
17.15-18.15	Moderators: Altintas, Faik (Turkey), Ovesen, Ole (Denmark)	
	Impact of routine tranexamic acid on thromboembolic events after Total Knee and Hip Arthroplasty	
	Authors: Fennema, Peter / Hourlier, Hervé	
	Speaker: Hourlier, Hervé (France)	
	Intra-articular tranexamic acid reduced blood loss in Total Knee and Hip Arthroplasty	
	Authors: Cristea, Stefan / Prescura, Catalin / Predescu, Vlad	
	Speaker: Predescu, Vlad (Romania)	
	New post-operative hyponatraemia in elective arthroplasty: An investigation of incidence and aetiology	
	Authors: Boyd, Annmarie / Chirputkar, Kedar / Sarungi, Martin / Shields, David	
	Speaker: Shields, David (United Kingdom)	
	The incidence of pre-operative asymptomatic DVT among patients awaiting Total Knee Arthroplasty or Total Hip Arthroplasty	
	Authors: Bagga, Tajesh / Allgar, Victoria / Elsayed, Ayman / Melton, Carol / Sisodia, Gurudattsingh / Fernando, Waduge	
	Speaker: Fernando, Waduge (United Kingdom)	
	Cost-effectiveness of transfusion alternatives in elective orthopedic surgery: A randomized controlled study on patient blood management	
	Authors: Nelissen, Rob / Koopman, Ankie / Onstenk, Ron / Pöll, Ruud / Brand, Ronald / van den Hout, Wilbert / Brand, Anneke / So-Osman, Cynthia	
	Speaker: So-Osman, Cynthia (Netherlands)	

17:15 – 18:15

Non cost-effective blood saving measures in primary elective hip and knee arthroplasties: How much are these still used, by whom, and why?

Authors: So-Osman, Cynthia / Wentink, Manon / Vliet Vlieland, Thea / Nelissen, Rob / Koopman, Ankie / Marang - van de Mheen, Perla / Kaptein, Adriaan / Bodegom - Vos, Leti / Voorn, Veronique

Speaker: Voorn, Veronique (Netherlands)

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION	LIMITS IN ANTERIOR AND POSTERIOR ANKLE ARTHROSCOPY	Room Munich
17.15-18.15	Moderators: Ogüt, Tahir (Turkey), Kerkhoffs, Gino M.M.J. (Netherlands)	

What is there to see in the ankle?

Speaker: de Leeuw, Peter (Netherlands)

Limited view in anterior ankle arthroscopy?

Speaker: Spenacchio, Pietro (Italy)

What is possible with posterior ankle arthroscopy?

Speaker: Ogüt, Tahir (Turkey)

New techniques in ankle and foot arthroscopy, any limits?

Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)

Trauma lower limb

FREE PAPER	FEMORAL NECK: HEMIARTHROPLASTY AND ITS COMPLICATIONS	Room Barcelona
17.15-18.15	Moderators: Bégué, Thierry (France), Karaoglu, Sinan (Turkey)	

Randomised trial of anterolateral versus posterior approach for insertion of hemiarthroplasties for hip fractures

Authors: Parker, Martyn / Brankin, Rory

Speaker: Brankin, Rory (United Kingdom)

Cemented Thompson's Hemiarthroplasty in patients with intracapsular neck of femur fracture: survivorship analysis of 1670 procedures.

Authors: Reed, Mike / Jameson, Simon / Sims, Alex / Muller, Scott / Rangan, Amar / A'Court, Jamie / Khan, Sameer

Speaker: Khan, Sameer (United Kingdom)

Risk factors for reoperation after hemiarthroplasties in Norway and Sweden. A co-joined analysis of 33367 procedures in the Norwegian and Swedish national registries

Authors: Fenstad, Anne / Leonardsson, Olof / Engeseter, Lars / Kärrholm, Johan / Furnes, Ove / Garellick, Göran / Gjertsen, Jan-Erik / Rogmark, Cecilia

Speaker: Rogmark, Cecilia (Sweden)

Unipolar hemiarthroplasty versus bipolar hemiarthroplasty in the most elderly patients with displaced femoral neck fractures. A four-year follow-up of a randomized controlled trial

Authors: Hedbeck, Carl-Johan / Blomfeldt, Richard / Lapidus, Gunilla / Ponzer, Sari / Enocson, Anders / Inngul, Christian

Speaker: Inngul, Christian (Sweden)

Cementless total hip arthroplasty with collarless femoral stems for the treatment of displaced femoral neck fractures

Authors: Üzümcügil, Onat / Ünkar, Ethem / Karamemetoglu, Mahmut / Caniklioglu, Mustafa / Öztürkmen, Yusuf

Speaker: Öztürkmen, Yusuf (Turkey)

Occurrences of serious surgical postoperative complications after uncemented hip hemiarthroplasty is lower if a consultant specialized in joint replacement is present during the intervention

Authors: Månsson, Lukas / Olsson, Marianne / Steensland, Erik

Speaker: Steensland, Erik (Norway)

17:15 – 18:15

Polytrauma/Pelvis

FREE PAPER	POLYTRAUMA	Room Brussels
17.15–18.15	Moderators: Ruchholtz, Steffen (Germany), Kinik, Hakan (Turkey)	
	Polytrauma and femoral shaft fracture: Incidence, characteristics and outcomes of patients treated with damage control orthopaedic surgery Authors: Bouamra, Omar / Jenks, Tom / Edwards, Antoinette / Tosounidis, Theodoros / Lecky, Fiona / Giannoudis, Peter Speaker: Giannoudis, Peter (United Kingdom)	
	Morbidity and mortality after bilateral femoral shaft fractures in the era of damage control Authors: Micansky, Fabian / Lichte, Philipp / Sellei, Richard / Pfeifer, Roman / Knobe, Matthias / Lefering, Rolf / Pape, Hans-Christoph / Kobbe, Philipp Speaker: Kobbe, Philipp (Germany)	
	Influence of Interleukine 6 (IL-6) on SIRS evaluation in polytrauma patients with femur fractures Authors: Sousa, Antonio / Raposo, Frederico / Valente, Luis / Moura Gonçalves, Antonio / Pinto, Rui / Sa Rodrigues, Andre / Duarte, Filipe Speaker: Duarte, Filipe (Portugal)	
	The influence of haemorrhagic shock on bone healing: Results of a study in mice Authors: Kobbe, Philipp / Pfeifer, Roman / Pape, Hans-Christoph / Pufe, Thomas / Bergmann, Christian / Campbell, Graeme / Glüer, Claus / Lichte, Philipp Speaker: Lichte, Philipp (Germany)	
	The effect of the timing of antibiotics and surgical treatment on infection rates in open long-bone fractures: A 5-year prospective study after a change in policy Authors: Apperley, Shane / Vanstone, Sean / Woods, David / Kiraly, Zoltan / Galily, Hristifor / Leonidou, Andreas Speaker: Leonidou, Andreas (United Kingdom)	
	Open femoral shaft fractures in the polytrauma patient Authors: Pape, Hans-Christoph / Lefering, Rolf / Dienstknecht, Thomas / Tarkin, Ivan / Weber, Christian Speaker: Weber, Christian (Germany)	

Spine (incl. trauma)

FREE PAPER	INFECTION, TUMOUR & MISCELLANEOUS	Room Berlin
17.15–18.15	Moderators: Ubierna Garcés, María Teresa (Spain), Talu, Ufuk (Turkey)	
	The impact of intraperitoneal oxytocin administration on nerve recovery in the rat sciatic nerve damage model Authors: Erbas, Oytun / Seyfettinoglu, Firat / Bora, Osman / Kuyucu, Ersin / Gümüş, Bilal Speaker: Gümüş, Bilal (Turkey)	
	Biomechanical evaluation of combined anterior plate and transarticular screw for atlantoaxial fixation in comparison with posterior fixation methods Authors: Sripirom, Pornpavit / Sugandhavesa, Nantawit / Thiranon, Chaiyot Speaker: Thiranon, Chaiyot (Thailand)	
	Three dimension fluoroscopy-based navigation system in spine surgery Authors: Ruatti, Sebastien / Moreau Gaudry, Alexandre / Chipon, Emilie / Dubois, Caroline / Tonetti, Jerome / Milaire, Michel / Bodin, Arnaud / Eid, Ahmad / Kerschbaumer, Gael / Courvoisier, Aurélien / Maisse, Nicolas / Merloz, Philippe Speaker: Merloz, Philippe (France)	
	Increasing rates of postoperative infections after spine surgery Authors: Witsø, Eivind / Lydersen, Stian / Grabner Von Rosenberg, Jean-Paul Speaker: Grabner Von Rosenberg, Jean-Paul (Norway)	
	Infection after vertebroplasty or kyphoplasty. A series of 9 cases and review of literature Authors: Siam, Ahmed / Ezzati, Ali / Shawky, Ahmed / Boehm, Heinrich / Ahmed, Hamdan Speaker: Ahmed, Hamdan (Germany)	
	Prognostic factors for determining survival in patients treated for symptomatic spinal epidural metastases Authors: Van de Sande, Michiel / Bollen, Laurens / Pattynama, Bas / van Der Linden, Yvette / Pondaag, Willem / Peul, Wilco / Dijkstra, Sander Speaker: Van de Sande, Michiel (Netherlands)	

17:15 – 18:15

Foot/ankle/leg

FREE PAPER	TOTAL ANKLE ARTHROPLASTY	Room Lisbon
17.15-18.15	Moderators: Leemrijse, Thibault (Belgium), Kofoed, Hakon (Turkey)	
	HINTEGRA three-component total ankle replacement: Survivorship analysis in 722 consecutive ankles Authors: Zwicky, Lukas / Knupp, Markus / Henninger, Heath / Hintermann, Beat / Barg, Alexej Speaker: Barg, Alexej (Switzerland)	
	Total ankle replacement – A population-based study on 714 cases from the Finnish Arthroplasty Register Authors: Kneer, Holger / Honkanen, Pirjo / Eskelinen, Antti / Remes, Ville / Skyttä, Eerik Speaker: Skyttä, Eerik (Finland)	
	A comparison of CT and plain film assessment of osteolysis following total ankle joint arthroplasty Authors: Gomez, Glenn / Bourke, Gerard Speaker: Bourke, Gerard (Australia)	
	Analysis of the effect of ankle arthrodesis and total ankle replacement on plantar pressure and gait symmetry Authors: Rouhani, Hossein / Aminian, Kamiar / Arami, Arash / Crevoisier, Xavier / Chopra, Swati Speaker: Chopra, Swati (Switzerland)	
	Computertomographic evaluation of ankle joint geometry in osteoarthritis Authors: Hoechel, Sebastian / Nowakowski, Andrej / DeOrio, James / Easley, Mark / Nunley, James / Valderrabano, Victor / Wiewiorski, Martin Speaker: Wiewiorski, Martin (Switzerland)	
	Revision arthroplasty for failed ankle prostheses: Mid-to long-term results of 117 consecutive cases Authors: Zwicky, Lukas / Knupp, Markus / Henninger, Heath / Hintermann, Beat / Barg, Alexej Speaker: Barg, Alexej (Switzerland)	

Infection

INSTRUCTIONAL LECTURE	RISK FACTORS FOR POSTOPERATIVE INFECTION	Room Florence
17.15-18.15	Moderator: Romanò, Carlo Luca (Italy)	
	Speaker: Borens, Olivier (Switzerland)	

Hip

INSTRUCTIONAL LECTURE	CURRENT EVIDENCE IN DESIGNS AND SURFACES IN THA	Room Vienna
17.15-18.15	Moderator: Overgaard, Søren (Denmark)	
	Speaker: Karachalios, Theofilos (Greece)	

Foot/ankle/leg

CLINICAL CASES	CLINICAL CASES: FOOT & ANKLE	Room Madrid
17.15-18.15	Moderators: Magnan, Bruno (Italy) / Besse, Jean-Luc	
	Anterior tarsal tunnel syndrome: A rare cause of foot and ankle pain Authors: Barlow-Kearsley, Ernest / Babar, Syed / Wharton, Rupert Speaker: Wharton, Rupert (United Kingdom)	
	Percutaneous surgery as rescue technique for Weil osteotomies Authors: Parals, Felix / Ribau, Miguel Angel / Via-Dufresne, Octavi / Novell, Josep / Conesa, Xavier / Ustes, Xavier Speaker: Conesa, Xavier (Spain)	
	Acute Compartment Syndrome (ACS) following fixation of an ankle fracture: A case report Authors: Matthews, Timothy / Kempshall, Pete / Fawi, Hassan Speaker: Fawi, Hassan (United Kingdom)	

17:15 – 18:15

Paresis of the common peroneal nerve after ankle sprains – 2 rare cases

Authors: Rodrigues, Pedro / Carvalho, Manuel / Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Moura, Antonio / Pinto, Rui / Silva, Manuel / Antunes, Artur

Speaker: Antunes, Artur (Portugal)

Conservative treatment for chronic Achilles tendon ruptures in three cases

Authors: Mae, Tatsuo / Toritsuka, Yoshiyuki / Koizumi, Kota / Uchida, Ryohei

Speaker: Uchida, Ryohei (Japan)

A novel intramedullary nail in the treatment of supramalleolar malunion and nonunion, a preliminary report of three cases

Authors: Uruc, Vedat / Saglam, Necdet / Akpınar, Fuat / Küçükdemir, Fatih

Speaker: Küçükdemir, Fatih (Turkey)

Paediatrics

INSTRUCTIONAL
LECTURE

17.15–18.15

GROWTH MODULATION

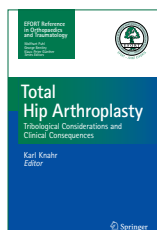
Moderator: Møller-Madsen, Bjarne (Denmark)

Room Copenhagen

Speaker: Eastwood, Deborah (United Kingdom)

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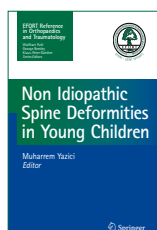
TRIBOLOGY IN TOTAL HIP ARTHROPLASTY - Wear Behaviour of Different Articulations

Analysis in the use of ceramics in total hip arthroplasty

- Discusses the effectiveness of new polyethylenes
- Addresses concerns metal wear
- Evaluates currently used articulation materials
- Considers clinical outcomes

Editor: Karl Knahr, Edition 2013

New Edition! Hot off the press!



NON IDIOPATHIC SPINE DEFORMITIES IN YOUNG CHILDREN

Non idiopathic early onset scoliosis represents a true challenge to the physician due to the significance of the ongoing growth of spine, the risk of curve progression, and the risk of pulmonary insufficiency. A comprehensive review of the growth mechanisms of spine in infancy forms the basis of the book.

Editor: Muharrem Yazici



HEALTH TECHNOLOGY ASSESSMENT OF HIP ARTHROPLASTY IN EUROPE

This book (EUROHIP) provides readers with an understanding of the key issues that dictate the provision of total hip replacement, one of the most cost-effective procedures available within health care. A highlight of the book is its multinational and multidisciplinary approach.

Editors: Karsten Dreinhöfer, Paul Dieppe, Klaus-Peter Günther, Wolfhart Puhl



EFORT JOURNAL - EOTR - EUROPEAN ORTHOPAEDICS AND TRAUMATOLOGY

Official Journal of EFORT

Editor-in-Chief: Wolfhart Puhl

New edition now available!

FRIDAY
7 JUNE

Saturday 8 June

Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon
Time						
08:30	Metal-on-Metal	TKA – Navigation	Posttraumatic joint instability Polytrauma/Pelvis Speciality Session ARTOF	Fractures distal tibia, ankle, foot Trauma lower limb Free Paper Session	Everything you wanted to know about adult deformity in an hour. Spine (incl. trauma) Speciality Session EuroSpine	Percutaneous and mini- invasive surgery myths and reality Foot/ankle/leg Symposium
08:45	Hip	Knee osseous				
09:00	Free Paper Session	Free Paper Session				
09:15						
09:30						
09:45						
10:00	BREAK					
10:15						
10:30	Metal-on-Metal: Adverse	Revision knee arthro-		Intertrochanteric	Trauma (Spine) Spine (incl. trauma) Free Paper Session	Miscellaneous (arthrode- sis, fractures, diabetes) Foot/ankle/leg Free Paper Session
10:45	effects	plasty				
11:00	Hip	Knee osseous				
11:15	Free Paper Session	Free Paper Session				
11:30						
11:45						

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/ POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room
						Time
Patient reported outcome (Prom) and total joint replacement Hip Free Paper Session	Tricks in arthroscopic rotator cuff repair Shoulder/elbow, arm/forearm Symposium	Bone and Joint Decade: Healthy Active Ageing – a multidisciplinary and multiprofessional approach General Orthopaedics Symposium	Unstable shoulder Shoulder/elbow, arm/forearm Free Paper Session	How to manage bone defects in THA Hip Interactive Expert Exchange Registration required	Infected fractures Infection Interactive Expert Exchange Registration required	08:30
						08:45
						09:00
						09:15
						09:30
Coffee Break					09:45	
					10:00	
					10:15	
European Arthroplasty Register – Clinical findings, development and new requirements from authorities General Orthopaedics Symposium	Experimental: Cartilage, meniscus, bone General Orthopaedics / complications / basic science / technology Free Paper Session	Fragility fractures of the pelvis Osteoporosis Symposium	Spine metastases treatment Spine (incl. trauma) Evidence based medicine session			10:30
						10:45
						11:00
						11:15
						11:30
					11:45	

08:30 – 10:00

Hip

FREE PAPER	METAL-ON-METAL	Room Paris
08.30-10.00	Moderators: Günther, Klaus-Peter (Germany), Bilgen, Ömer (Turkey)	
	Birmingham Hip Resurfacing (BHR) vs. Total Hip Replacement (THR) – A study comparing patient reported outcomes at 5 years Authors: Ramaskandhan, Jayasree / Bettinson, K. / Muthumayandi, Karthikeyan / Holland, J. P. / Kakkar, Rahul Speaker: Kakkar, Rahul (United Kingdom)	
	The mid term survival of Birmingham Synergy total hip replacements Authors: Jameson, Simon / Partington, Paul / Carluke, Ian / Holmes, Rachel / Reed, Mike / Lupu, Andreea Speaker: Lupu, Andreea (United Kingdom)	
	Ceramic – Ceramic vs Metal – Polyethylene bearing surfaces: A comparison of early results Authors: Nicholls, Alexander / Matthews, Edward / Al Rawi, Bara / Hartwright, David Speaker: Hartwright, David (United Kingdom)	
	Early follow-up of a long-term registry-based multicenter Total Hip Replacement outcome study: Vitamin E doped polyethylene liner and porous-titanium coated acetabular shells Authors: Nebergall, Audrey / Kwon, Young-Min / Bragdon, Charles / Huddleston, James / Gebuhr, Peter / García-Cimbrelo, Eduardo / Malchau, Henrik / Greene, Meridith Speaker: Malchau, Henrik (United States)	
	Medial placement of the acetabular component in an Alumina-on-Alumina Total Hip Arthroplasty: A comparative study with propensity score matching Authors: Yoon, Pil Whan / Lee, Young-Kyun / Koo, Kyung-Hoi / Yoon, Kang Sup / Kim, Hee Joong / Yoo, Jeong Joon Speaker: Yoo, Jeong Joon (Korea, Republic of)	
	Correlation between histopathology and metal ion levels in failed Metal-on-Metal hips Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks Speaker: Reito, Aleks (Finland)	
	High failure rates of a low-carbide Metal-on-Metal Total Hip Arthroplasty (THA), after 12 years average follow-up time Authors: Vitsas, Vasilis / Bouras, Theodoros / Korovessis, Panagiotis / Repantis, Thomas Speaker: Repantis, Thomas (Greece)	
	Clinical and radiographic results of large-diameter femoral head Metal-on-Metal cementless Total Hip Arthroplasty Authors: Haraguchi, Keiji / Koyanagi, Junichirou / Fujiwara, Keiju / Tsuda, Kosuke Speaker: Tsuda, Kosuke (Japan)	

Knee osseous

FREE PAPER	TKA – NAVIGATION	Room Munich
08.30-10.00	Moderators: Becker, Roland (Germany), Bozkurt, Murat (Turkey)	
	A comparison of registration errors with imageless computer navigation during MIS Total Knee Arthroplasty versus standard incision Total Knee Arthroplasty. A cadaveric study Authors: Davis, Edward / Gallie, Price / Macgroarty, Kelly / Waddell, James / Schemitsch, Emil / Pagkalos, Joseph Speaker: Pagkalos, Joseph (United Kingdom)	
	Intraoperative mismatch in femoral TKA rotation established by navigated vs conventional technique Authors: Hernández-Hermoso, José / Asencio, Jordi / Aliaga, Francisco / Rodríguez, David Speaker: Rodríguez, David (Spain)	
	In Vivo gap analysis in various knee flexion angles during navigated-assisted Total Knee Arthroplasty Authors: Yoon, Jung-Ro / Woo, Young-Ok / Lee, Nam-Ji / Oh, Kwang-Jun / Lim, Deuk-Soo / Yang, Jae-Hyuk Speaker: Yang, Jae-Hyuk (Korea, Republic of)	
	Accuracy of I.M. guide in femoral component prothesis in TKA: A CAOS study Authors: Di Sette, Priscilla / Lorio, Raffaele / Conteduca, Fabio / Bolle, Gabriele / Redler, Andrea / Conteduca, Jacopo / Valeo, Luigi / Ferretti, Andrea / Mazza, Daniele Speaker: Mazza, Daniele (Italy)	

08:30 – 10:00

Pinless navigation for Total Knee Arthroplasty: A randomised controlled trial

Authors: Chin, Pak-Lin / Li, Zongxian / Yew, Andy / Tay, Darren / Chia, Shi-Lu / Lo, Ngai-Nung / Yeo, Seng-Jin / Chen, Jerry

Speaker: Chen, Jerry (Singapore)

Low incidence of complications in computer assisted Total Knee Arthroplasty – A retrospective review of 1596 cases

Authors: Norris, Mark / Kheiran, Amin / Chauhan, Sandeep / Khakha, Raghbir

Speaker: Khakha, Raghbir (United Kingdom)

The Utility of Immediate Post-operative Radiographs in Primary Total Knee Arthroplasty

Authors: Moussa, Mohamed / Chandran, Shaun / Hansen, Viktor / Freiberg, Andrew / Kwon, Young-Min / Malchau, Henrik / Barr, Christopher

Speaker: Malchau, Henrik (United States)

A prospective assessment of sleep status in patients undergoing total knee arthroplasty

Authors: Jung, Kwang-Am / Lee, Su-Chan / Ahn, Hye-Sun / Hwang, Byoung-Yoon / Ong, Alvin

Speaker: Hwang, Byoung-Yoon (United States)

Trauma lower limb

FREE PAPER

FRACTURES DISTAL TIBIA, ANKLE, FOOT

Room Brussels

08.30–10.00

Moderators: Teixidor Serra, Jordi (Spain), Aydin, Ahmet Turan (Turkey)

Treatment of tibia distal diaphyso-metaphyseal fractures with unreamed MBDLS (MONOBLOC DISTAL LOCKING SCREW) nail

Authors: Saglam, Necdet / Saka, Gürsel / Akpınar, Fuat / Kurtulmus, Tuhan / Küçükdemir, Fatih

Speaker: Küçükdemir, Fatih (Turkey)

Clinical experience of 30 fractures of distal tibial shaft treated with the ZNN anatomic nail

Authors: Liberati, Maria Antonietta / Di Bisceglie, Francesco / Savoini, Marzia / Crainz Fossati, Edoardo

Speaker: Crainz Fossati, Edoardo (Italy)

Locking plate fixation versus circular frame fixation for distal tibial metaphyseal fractures

Authors: Haque, Aziz / Abraham, Alwyn / Shoaib, Ahmed / Berber, Reshid

Speaker: Berber, Reshid (United Kingdom)

New DLS – Dynamic Locking Screws and bridging plating technique in treatment of closed tibial and femoral metaphyseal fractures: A multicenter prospective study

Authors: Moretti, Biagio / Rollo, Giuseppe / Conserva, Vito / Colasuonno, Rocco / Mori, Claudio Maria / Tartaglia, Nicola / Vicenti, Giovanni

Speaker: Tartaglia, Nicola (Italy)



Prospective randomized multicentric trial comparing a static implant and a dynamic implant in the surgical treatment of ankle syndesmosis rupture

Authors: Laflamme, Mélissa / Belzile, Etienne / Glazebrook, Mark / Bédard, Luc / van Bekerom, Michel / Pelet, Stéphane

Speaker: Pelet, Stéphane (Canada)

Ankle fractures: When can I drive doctor? A simulation study

Authors: Tarassoli, Payam / Jackson, Mark / Yousri, Taher

Speaker: Yousri, Taher (United Kingdom)

Arthritis after two years of ankle fracture – Analysis of 62 cases

Authors: Rodrigues, Pedro / Carvalho, Manuel / Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Moura, Antonio / Pinto, Rui / Silva, Manuel / Antunes, Artur

Speaker: Antunes, Artur (Portugal)

Revision rate before and after introduction of intraoperative three-dimensional imaging in treatment of calcaneal fractures

Authors: Wendl, Klaus / Grützner, Paul / von Recum, Jan / Franke, Jochen

Speaker: Franke, Jochen (Germany)

The clinical results of peroneal tendon dislocation compared with bone block procedure and soft tissue procedure

Authors: Ikezawa, Hiroko / Hiraishi, Eiichi / Usami, Norio

Speaker: Usami, Norio (Japan)



Winner of the Free Paper Award

Saturday
8 June

08:30 – 10:00

EuroSpine – The Spine Society of Europe



Spine (incl. trauma)

SPECIALITY SESSION	EVERYTHING YOU WANTED TO KNOW ABOUT ADULT DEFORMITY IN AN HOUR.	Room Helsinki
08.30–10.00	Moderator: Berk, Haluk (Turkey)	
	Adult deformity evaluation and classification Speaker: Aebi, Max (Switzerland)	
	Importance of co-morbidities Speaker: Acaroglu, Emre (Turkey)	
	Importance of lumbar spine evaluation before hip arthroplasty and vice versa Speaker: Le Huec, Jean-Charles (France)	
	Treatment options Speaker: Mineiro, Jorge (Portugal)	
	HRQOL based assessment, how does surgery affect quality of life Speaker: Pellisé Urquiza, Ferran (Spain)	

Foot/ankle/leg

SYMPOSIUM	PERCUTANEOUS AND MINI-INVASIVE SURGERY MYTHS AND REALITY	Room Lisbon
08.30–10.00	Organiser: Ogüt, Tahir (Turkey)	
	Mini- invasive hallux valgus and forefoot surgery Speaker: Laffenêtre, Olivier (France)	
	Mini- invasive hindfoot surgery Speaker: Magnan, Bruno (Italy)	
	Effectiveness and safety of mini-invasive foot surgery Speaker: Maffulli, Nicola (United Kingdom)	
	Results and reality in mini-invasive foot surgery Speaker: Leemrijse, Thibault (Belgium)	

Hip

FREE PAPER	PATIENT REPORTED OUTCOME (PROM) AND TOTAL JOINT REPLACEMENT	Room Florence
08.30–10.00	Moderators: Alparslan, Bülent (Turkey), Kärrholm, Johan (Sweden)	
	Patient education influence on Patient Reported Outcomes after Total Hip Replacement Authors: Malchau, Henrik / Garellick, Göran / Rolfson, Ola / Gordon, Max / Greene, Meridith Speaker: Greene, Meridith (United States)	
	The equivalence of remote electronic and paper collection of Patient Reported Outcome (PROs): A crossover trial Authors: Williams, Daniel / Norton, Mark / Fern, Darren / Griffiths-Jones, William Speaker: Griffiths-Jones, William (United Kingdom)	
	A Core Outcome Measures Index (COMI) for patients undergoing hip replacement Authors: Mannion, Anne / Naal, Florian / Leunig, Michael / Impellizzeri, Franco Speaker: Impellizzeri, Franco (Switzerland)	
	Functional outcomes in patients with different BMIs following primary hip replacement surgery Authors: Helm, Anthony / McKiernan, Elizabeth / Rutherford, Claire Speaker: Rutherford, Claire (United Kingdom)	
	The responsiveness and minimal detectable change of functional outcome measures after Total Hip Arthroplasty Authors: Saleh, Anas / Sculco, Thomas / Nguyen, Joseph / Cornell, Charles / Lane, Joseph / Mancuso, Carol / Unnanuntana, Aasis Speaker: Unnanuntana, Aasis (Thailand)	

08:30 – 10:00

Current use, barriers and facilitators for implementation of Patient Reported Outcome measures by Dutch orthopaedic surgeons

Authors: Poolman, Rudolf / van Oosterhout, Frank / Scholtes, Vanessa

Speaker: Scholtes, Vanessa (Netherlands)

Standards for the Oxford hip score following total hip replacement and hip resurfacing

Authors: McBryde, Callum / Pynsent, Paul / Matharu, Gulraj

Speaker: Matharu, Gulraj (United Kingdom)

New developments in patient-reported outcome assessment: A computer-adaptive testing version of the Forgotten Joint Score

Authors: Kuster, Markus / Holzner, Bernhard / Jost, Bernhard / Giesinger, Johannes / Giesinger, Karlmeirad

Speaker: Giesinger, Karlmeirad (Switzerland)

Reliability and validity of WOMAC osteoarthritis index and Lequesne algofunctional index in Greek patients with hip or knee osteoarthritis

Authors: Aletras, Vasilios / Totlis, Trifon / Adam, Athanasios / Natsis, Konstantinos / Papastergiou, Stergios / Konstantinidis, Georgios

Speaker: Konstantinidis, Georgios (Greece)

Shoulder/elbow, arm/forearm

SYMPOSIUM

TRICKS IN ARTHROSCOPIC ROTATOR CUFF REPAIR

Room Nice

08.30–10.00

Organiser: Randelli, Pietro Simone (Italy)

Tricks in single row repair

Speaker: Krahan, Mustafa (Turkey)

Tricks in double row repair

Speaker: Antonogiannakis, Manos (Greece)

Tricks for massive cuff tears

Speaker: Demirhan, Mehmet (Turkey)

Tricks in arthroscopic trans-osseus repair

Speaker: Randelli, Pietro Simone (Italy)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM

BONE AND JOINT DECADE: HEALTHY ACTIVE AGEING – A MULTIDISCIPLINARY AND MULTIPROFESSIONAL APPROACH

Room Vienna

08.30–10.00

Organisers: Dreinhöfer, Karsten (Germany), Woolf, Anthony (United Kingdom)

Reducing the impact of fragility fractures: Orthopaedic viewpoint

Speaker: Maalouf, Ghassan (Lebanon)

Reducing the impact of fragility fractures: Geriatric viewpoint

Speaker: Wilson, Helen (United Kingdom)

Musculoskeletal health in the workplace: Rheumatology viewpoint

Speaker: Woolf, Anthony (United Kingdom)

Musculoskeletal health in the workplace: Occupational health viewpoint

Speaker: van der Vliet, Jacques (Netherlands)

Osteoarthritis: Orthopaedic viewpoint

Speaker: Dreinhöfer, Karsten (Germany)

Osteoarthritis: Physiotherapy viewpoint

Speaker: Bazin, Sarah (United Kingdom)

Saturday
8 June

08:30 – 10:00

Shoulder/elbow, arm/forearm

FREE PAPER	UNSTABLE SHOULDER	Room Madrid
08.30–10.00	Moderators: Belling Sørensen, Anne Kathrine (Denmark), Güven, Osman (Turkey)	
	Reliability of the posterior corner of the acromion as a landmark for the posterior arthroscopic portal of the shoulder Authors: Kiriakidis, Anastasios / Natsis, Konstantinos / Pantelidis, Pantelis / Paraskevas, George / Totlis, Trifon Speaker: Totlis, Trifon (Greece)	
	Evaluation of the arthroscopic shoulder treatment to the weightlifters of the Hellenic National Weightlifting Federation (2000–2010) Authors: Moschonas, Spiridon / Tsikouris, Dimitrios / Plessas, Spiridon / Tsikouris, George / Karamanis, Eirinaios Speaker: Karamanis, Eirinaios (Greece)	
	Indirect magnetic resonance arthrography of the shoulder is a reliable diagnostic tool for investigation of suspected labral pathology Authors: Fallahi, Farshid / Jeavons, Lisa / Jonker, Leon / Gadde, Sarat / Green, Robert Speaker: Green, Robert (United Kingdom)	
	Primary stability of knotless suture anchors in primary and revision Bankart repair Authors: Scharpf, Andreas / Gülecü, Mehmet / Eid, Ahmad / Jansson, Volkmar / Pietschmann, Matthias / Müller, Peter Speaker: Müller, Peter (Germany)	
	Anterior stabilisation of the shoulder with Bristow procedure: Bone block or tension band? A cadaveric study Authors: Côté, Maxime / Cloutier, Réjean / Beaulieu, Marie-Pier / Pelet, Stéphane Speaker: Pelet, Stéphane (Canada)	
	Glenoid defect coverage with coracoid graft – How much do we need? : A CT based evaluation Authors: Tavakkolizadeh, Adel / Sinha, Joydeep / Ahmed, Mohammed / Elias, David / Singh, Ashok Speaker: Singh, Ashok (United Kingdom)	
	The prevalence of chronic impingement syndrome and SLAP lesion and the sensitivity of O'Brien's Test Authors: Yildiz, Vahit / Kalali, Fatih / Aydin, Pelin / Topal, Murat / Aydin, Ali / Köse, Mehmet Speaker: Köse, Mehmet (Turkey)	
	The biomechanical strength and load transfer of classic and congruent Arc Latarjet procedures Authors: Johnson, James / Athwal, George / Giles, Joshua / Welsh, Mark / Puskas, Gabor Speaker: Puskas, Gabor (Switzerland)	
	Early failure of human dermal collagen allograft interposition combined with shoulder hemiarthroplasty Authors: Lebschi, Julia / Gerber, Christian / Meyer, Dominik / Puskas, Gabor Speaker: Puskas, Gabor (Switzerland)	

08:30 – 12:00

ARTOF – Association for the Rational Treatment of Fractures



Polytrauma/Pelvis

SPECIALITY SESSION	POSTTRAUMATIC JOINT INSTABILITY	Room Barcelona
08.30–12.00	Moderator: Biberthaler, Peter (Germany)	
	Shoulder instabilities: post traumatic stabilization and options for revision Speaker: Biberthaler, Peter (Germany)	
	Elbow instability: post traumatic reconstruction and options for revision Speaker: Ruecker, Andreas (Germany)	
	Hip: Dislocating and posttraumatic instability: methods and options Speaker: Waddell, James (Canada)	
	Knee instability: post traumatic reconstruction and options for revision Speaker: Blyth, Mark (United Kingdom)	

08:30 – 12:00

Ankle instability and it's stabilizing options
Speaker: Ruchholtz, Steffen (Germany)

Post traumatic Wrist Instability and it's options
Speaker: Ahrens, Philipp (United Kingdom)

Elbow Instability: Hinged Fixators
Speaker: Biberthaler, Peter (Germany)

Elbow Instability: Hinged Fixators
Speaker: Blyth, Mark (United Kingdom)

Elbow Instability: Hinged Fixators
Speaker: Ruchholtz, Steffen (Germany)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Ruecker, Andreas (Germany)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Ahrens, Philipp (United Kingdom)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Waddell, James (Canada)

Hip

INTERACTIVE
EXPERT
EXCHANGE
08.30-12.00

HOW TO MANAGE BONE DEFECTS IN THA
Organiser: Macheras, George (Greece)

Room Copenhagen

Strategies for dealing with massive pelvic bone loss
Speaker: Haddad, Fares (United Kingdom)

Introduction-The problem
Speaker: Macheras, George (Greece)

How to manage the femoral side
Speaker: Dora, Claudio (Switzerland)

The rational of bone defect classification
Speaker: Schreurs, Wim (Netherlands)

How to manage the acetabular side
Speaker: Babis, George (Greece)

Antibiotic loaded impaction grafting
Speaker: Buttar, Martin (Argentina)

Infection

INTERACTIVE
EXPERT
EXCHANGE
08.30-12.00

INFECTED FRACTURES
Organiser: Kocaoglu, Mehmet (Turkey)

Room Berlin

Physiopathology and staging of infected fractures
Speaker: Levent, Eralp (Turkey)

Infection problems at gunshot injuries
Speaker: Lerner, Alexander (Israel)

Surface coatings of implants for the treatment of bone infection
Speaker: Hiroyuki, Tsuchiya (Japan)

Actual approach for the treatment of infected fractures
Speaker: Heppert, Volkmar (Germany)

Saturday
8 June

08:30 – 12:00

Reconstruction of segmental bone defects due to chronic osteomyelitis with use of an external fixator and an intramedullary nail

Speaker: Kocaoglu, Mehmet (Turkey)

10:30 – 11:30

Spine (incl. trauma)

EVIDENCE
BASED
MEDICINE
SESSION

SPINE METASTASES TREATMENT

Room Madrid

Organiser: Cáceres Palou, Enric (Spain)

10.30–11.30

Spinal metastases of mobile spine, high-degree spinal cord compression and myelopathy

Speaker: Cáceres Palou, Enric (Spain)

Metastases of the sacrum

Speaker: Martin Benlloch, Antonio (Spain)

10:30 – 12:00

Hip

FREE PAPER

METAL-ON-METAL: ADVERSE EFFECTS

Room Paris

10.30–12.00

Moderators: Penny, Jeannette (Denmark), Ozkan, Ilhan (Turkey)

MRI screening of pseudotumors following large-diameter Metal-on-Metal Total Hip Arthroplasty and metal ion release

Authors: Yoshida, Kakunoshin / Wakabayashi, Hiroki / Miyamoto, Noriki / Matsui, Yuriyo / Sudo, Akihiro / Hasegawa, Masahiro

Speaker: Hasegawa, Masahiro (Japan)

Evaluation of ultrasound as a diagnostic tool for diagnosing pseudotumor in patients with MoM, using MRI as the gold standard

Authors: Torfing, Trine / Penny, Jeannette / Varmarken, Jens-Erik / Overgaard, Søren / Schou, Martin

Speaker: Schou, Martin (Denmark)

Pre- and perioperative findings in 132 ASR Metal-on-Metal (MoM) hips revised due to Adverse Reaction to Metal Debris (ARMD)

Authors: Elo, Petra / Reito, Aleks / Pajamäki, Jorma / Puolakka, Timo / Eskelinen, Antti / Lainiala, Olli

Speaker: Lainiala, Olli (Finland)

High failure rate of the R3 Metal-on-metal hip arthroplasty

Authors: Clatworthy, Elizabeth / Jones, Stephen / John, Alun / Dramis, Asterios

Speaker: Dramis, Asterios (United Kingdom)

Immune system involvement in patients with failed metal on metal Total Hip Replacement

Authors: Court, Pinar / Donell, Simon / Ivory, Kamal / Carding, Simon / Ebreo, Darren

Speaker: Ebreo, Darren (United Kingdom)

The relationship of wear volume with histological features in failed hip resurfacing arthroplasty – An insight on failures associated with pseudotumors

Authors: Pandit, Hemant / Kamali, Amir / Glyn-Jones, Sion / Gill, Richie / Murray, David / Athanasou, Nick / Grammatopoulos, George

Speaker: Grammatopoulos, George (United Kingdom)

The effect of gender on adverse reactions to metal debris: Outcomes of 1159 38mm Metal-on-Metal hip replacements

Authors: Pearce, Andrea / Price, Mark / Harker, Richard / Conn, Kevin / Stranks, Geoff / Britton, John / Briant-Evans, Toby

Speaker: Briant-Evans, Toby (United Kingdom)

10:30 – 12:00

Revision rate for adverse reaction to metal debris in large diameter head Metal-on Metal Total Hip Replacements
Authors: McKenna, Rosaleen / Ellaparadja, Pregash / Roberts, Jason / Kelly, Michael / Grant, Stephen
Speaker: Grant, Stephen (United Kingdom)

Randomized controlled trial comparing metal ion levels in 9 different hip resurfacing designs
Authors: De Smet, Koen / van Der Straeten, Catherine
Speaker: van Der Straeten, Catherine (Belgium)

Knee osseous

FREE PAPER **REVISION KNEE ARTHROPLASTY** **Room Munich**

10.30–12.00 **Moderators: Sur, Hakki / Sarpel, Yaman (Turkey)**

β-Catenin-A marker with high specificity for arthrofibrosis after TKA
Authors: Dierkes, C.; Theiss, Carsten / Gehrke, Thorsten / Krenn, Veit / KnöB, Per / Citak, Mustafa / Kendoff, Daniel
Speaker: Kendoff, Daniel (Germany)

How does 3rd body debris affect polyethylene wear in TKR?
Authors: Herrera, Lizeth / Essner, Aaron / Longaray, Jason
Speaker: Longaray, Jason (United States)

Revision knee arthroplasty for femoral component malrotation: Clinical and radiological outcomes
Authors: Smith, Elizabeth / Ali, Syed / McLauchlan, George / Choudry, Qaisar
Speaker: Smith, Elizabeth (United Kingdom)

A cost-minimization analysis of knee arthroplasty using data from two national registries
Authors: Aqil, Adeel / Cobb, Justin / Willis-Owen, Charles / Andrews, Barry
Speaker: Andrews, Barry (United Kingdom)

Stemmed vs non-stemmed femoral components in Total Knee Arthroplasty using any constraint
Authors: Cameron, Hugh / Butt, Ahsan / Shaikh, Aamir
Speaker: Shaikh, Aamir (Ireland)

Improved metaphyseal fixation of revision total knee arthroplasty with metal modular augments fixed to the bone instead of the tibial baseplate
Authors: Traverso, Francesco / Castellani, Lorenzo / Grappiolo, Guido / Manfredini, Luca / Baldini, Andrea
Speaker: Baldini, Andrea (Italy)

Outcomes following total knee revision with trabecular metal cones
Authors: Post, Zachary / Orozco, Fabio / Austin, Matthew / Huang, Ronald / Younger, Victoria / Ong, Alvin
Speaker: Ong, Alvin (United States)

Extensor mechanism allograft reconstruction in TKA for ruptures
Authors: Summa, Pier Paolo / Traverso, Francesco / Manfredini, Luca / Baldini, Andrea
Speaker: Baldini, Andrea (Italy)

Radiographic assessment of uncemented, metaphyseal supported revision hinged knee prosthesis and classification of fixation
Authors: Spencer Jones, Richard / Oakley, Jeremy / Pavlou, George / Dhawan, Rohit
Speaker: Dhawan, Rohit (United Kingdom)

Trauma lower limb

FREE PAPER **INTERTROCHANTERIC FRACTURES** **Room Brussels**

10.30–12.00 **Moderators: Bal, Emin (Turkey) / Muñoz Vives, Josep María**

Difficult intertrochanteric fracture variants: CT scan morphology and fixation pitfalls
Authors: Kwek, Ernest
Speaker: Kwek, Ernest (Singapore)

Awareness of the tip apex distance amongst orthopaedic surgeons and trainees
Authors: Rowlands, Thomas / Matharu, Gulraj / Shahid, Mohammad
Speaker: Matharu, Gulraj (United Kingdom)

10:30 – 12:00

Minimally invasive osteosynthesis of unstable pertrochanteric hip fractures with proximal intramedullary nails and reverse LISS locking plates

Authors: Bilgili, Fuat / Aybar, Ahmet / Parmaksizoglu, Atilla / Armagan, Raffi / Özkaya, Ufuk

Speaker: Ozkaya, Ufuk (Turkey)

Extramedullary stabilization of trochanteric fractures by Compression and Limited Sliding (CLS)

Authors: Knobe, Matthias / Maier, Klaus-Jürgen

Speaker: Maier, Klaus-Jürgen (Germany)

Severely comminuted proximal femoral fractures, one implant will not solve the problem

Authors: Mohamed, Mohamed Ali Ahmed

Speaker: Mohamed, Mohamed Ali Ahmed (Egypt)

Cementless bipolar hemiarthroplasty for unstable intertrochanteric fractures in octogenarians

Authors: Hwang, Kyu-Tae / Choi, Il-Yong / Kim, Yee-Suk / Kim, Young-Ho

Speaker: Kim, Young-Ho (Korea, Republic of)

Hip arthroplasty for failed internal fixation of intertrochanteric fractures

Authors: Cho, Hong Man / Sim, Ju Hyun

Speaker: Sim, Ju Hyun (Korea, Republic of)

Treatment strategies for proximal femoral nailing of unstable intertrochanteric fractures; reduction on the traction table or lateral decubitus position without traction table. A prospective randomized trial

Authors: Seckin, Mustafa / Seker, Ali / Kara, Adnan / Ozturk, Irfan / Camur, Savas / Sonmez, Mesut

Speaker: Sonmez, Mesut (Turkey)

Spine (incl. trauma)

FREE PAPER

TRAUMA (SPINE)

Room Helsinki

10.30–12.00

Moderators: Ubierna Garcés, María Teresa (Spain), Senköylü, Alpaslan (Turkey)

Role of multimodality imaging in management of spinal trauma

Authors: Cronin, Kevin / Devitt, Aiden / McCabe, John / Munigangaiah, Sudarshan

Speaker: Munigangaiah, Sudarshan (Ireland)

Instabilities of the vertebrae remain after Balloon Kyphoplasty

Authors: Tono, Osamu / Ikuta, Ko / Doi, Toshio / Tarukado, Kiyoshi

Speaker: Tarukado, Kiyoshi (Japan)

Cement-augmented anterior screw fixation of Odontoid type II fractures – Description of a new technique

Authors: Seidel, Ulrich / Hoppe, Sven / Keel, Marius / Benneker, Lorin / Kohlhof, Hendrik

Speaker: Kohlhof, Hendrik (Germany)

The anterior transarticular stabilisation of C1/2 for atlantoaxial instabilities of the geriatric patient – A gentle alternative for posterior stabilisations

Authors: Franck, Alexander / Spiegl, Ulrich / Glasmacher, Stefan / Schmidt, Christian / Jarvers, Jan- Sven / Josten, Christoph

Speaker: Josten, Christoph (Germany)

Incidence and treatment outcome of cervical spine injuries in RTA – Retrospective analysis for the city of Belgrade from 2007–2012

Authors: Lesic, Aleksandar / Milosevic, Ivan / Bumbasirevic, Vesna / Bumbasirevic, Marko / Simic, Marko / Zagorac, Slavisa

Speaker: Lesic, Aleksandar (Serbia)

How safe and effective is percutaneous balloon kyphoplasty with local analgesia and intravenous sedation in osteoporotic vertebra fracture patients?

Authors: Margariti, Rodanthi / Papagiannopoulos, George / Karagiannis, Apostolos / Arabagi, Afrodite / Nikolopoulos, Dimitrios /

Sergides, Neoptolemos

Speaker: Nikolopoulos, Dimitrios (Greece)

Radiofrequency (RFK) Kyphoplasty in comparison to conservative care in the treatment of osteolytic vertebral fractures due to multiple myeloma

Authors: Jansen, Tom / Otten, Lucia / Kabir, Koroush / Wirtz, Dieter / Bornemann, Rahel / Pflugmacher, Robert

Speaker: Pflugmacher, Robert (Germany)

10:30 – 12:00

Comparison of Balloon Kyphoplasty and RF-kyphoplasty in treatment of patients with osteoporotic compression fractures

Authors: Jansen, Tom / Otten, Lucia / Wirtz, Dieter / Bornemann, Rahel / Pflugmacher, Robert
Speaker: Pflugmacher, Robert (Germany)

Dural tears in lumbar burst fractures associated with greenstick lamina fractures

Authors: Fernandes, Pedro / Tirado, António / Botton, Miguel / Spranger, André / Teixeira, Joana / Soares do Brito, Joaquim
Speaker: Teixeira, Joana (Portugal)

Foot/ankle/leg

FREE PAPER

MISCELLANEOUS (ARTHRODESIS, FRACTURES, DIABETES)

Room Lisbon

10.30-12.00

Moderators: Ögut, Tahir (Turkey), Rabat Ribes, Eduard (Spain)

Plantar pressure changes after double arthrodesis of the hindfoot for correction of planovalgus deformity

Authors: Wanivenhaus, Axel / Funovics, Philipp / Windhager, Reinhard / Trnka, Hans-Joerg / Salzberger, Florian / Schuh, Reinhard
Speaker: Schuh, Reinhard (Austria)

Retrospective study of calcaneal lengthening osteotomies: Non-union rates of autograft vs bovine xenograft (tutobone) in patients with Cerebral Palsy (CP)

Authors: Hipps, Daniel / Dobson, Philip
Speaker: Dobson, Philip (United Kingdom)

First results of a novel polyaxial angle-stable fusion plate for ankle and transtalar arthrodesis via posterolateral approach

Authors: Lebek, Susanne / Zeh, Alexander / Delank, Karl / Wohlrab, David / Gutteck, Natalia
Speaker: Gutteck, Natalia (Germany)

Radiographic assessment of hindfoot alignment using hindfoot alignment view

Authors: Henninger, Heath / Harris, Michael / Hintermann, Beat / Anderson, Andrew / Saltzman, Charles / Barg, Alexej
Speaker: Barg, Alexej (Switzerland)

Prospective comparative study between Saltzman and hindfoot circle wired views to assess the hindfoot alignment

Authors: Moroney, Paul / Saussac, François / Barthelemy, Renaud / Fantino, Bruno / Tourné, Yves
Speaker: Tourné, Yves (France)

Measurement technic of calcaneal varus from axial view radiograph

Authors: Harnroongroj, Thossart / Tangmanasakul, Akegapon / Choursamran, Nattapol
Speaker: Choursamran, Nattapol (Thailand)

Radiographic calcaneal fracture scores assess the fracture configuration complexity

Authors: Harnroongroj, Thossart
Speaker: Harnroongroj, Thossart (Thailand)

Five years post compression arthrodesis in infected diabetic Charcot ankle joint

Authors: Allam, Ahmad
Speaker: Allam, Ahmad (Egypt)

Solid bolt fixation of the medial column in Charcot midfoot arthropathy

Authors: Miska, Matthias / Yasui, Tetsuro / Valderrabano, Victor / Wiewiorski, Martin
Speaker: Wiewiorski, Martin (Switzerland)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM

EUROPEAN ARTHROPLASTY REGISTER – CLINICAL FINDINGS, DEVELOPMENT AND NEW REQUIREMENTS FROM AUTHORITIES

Room Florence

10.30-12.00

Organiser: Labek, Gerold (Austria) Moderator: Böhler, Nikolaus (Germany)

Legal circumstances, task and limitations for arthroplasty registers dealing with public health stakeholders on EU-and national level

Speaker: Labek, Gerold (Austria)

Better outcome by assessment of the income – A new method with the siris registry

Speaker: Huber, Jörg (Switzerland)

10:30 – 12:00

Findings from the 10-year report of the Romanian Arthroplasty Register RNE
Speaker: Stoica, Christian (Romania)

Identification of inferior implants in a developing Arthroplasty Register
Speaker: Bergovec, Marko (Croatia)

The German Arthroplasty Register EPRD
Speaker: Liebs, Thoralf (Germany)

Aggregated analyses of worldwide Arthroplasty register data – What can we extract?
Speaker: Sadoghi, Patrick (Austria)

General Orthopaedics / complications / basic science / technology

FREE PAPER **EXPERIMENTAL: CARTILAGE, MENISCUS, BONE** **Room Nice**
10.30–12.00 **Moderators: Verdonk, René (Belgium) / Benazzo, Francesco**

Early expression of molecular markers in mesenchymal stem cells from human adipose tissue induced to chondrogenic differentiation
Authors: Mardones, Rodrigo / Martínez, Catalina / González, Magdalena / Martínez, Rafael
Speaker: Martinez, Rafael (Chile)

Meniscal repair in vivo using human chondrocyte-seeded PLGA mesh scaffold pretreated with platelet-rich plasma
Authors: Kim, Ha Na / Nam, Jinwoo / Kim, Hee Joong / Yoo, Jeong Joon
Speaker: Yoo, Jeong Joon (Korea, Republic of)

Long-term cyclic muscle induced submaximal joint loading leads to cartilage degeneration in an In Vivo model
Authors: Fortuna, Rafael / Leonard, Timothy / Valderrabano, Victor / Herzog, Walter / Horisberger, Monika
Speaker: Horisberger, Monika (Switzerland)

Chondrotoxicity of intraarticular use of tranexamic acid In knees of rats compared to epinephrine
Authors: Tuncay, Ibrahim / Elmadag, Mehmet / Kivilcim, Hakan / Sen, Cengiz / Küçükdemir, Fatih
Speaker: Küçükdemir, Fatih (Turkey)

Triamcinolone acetonide treatment combined with platelet-rich plasma exerts anti-inflammatory and anti-degenerative effects on rotator cuff derived cells
Authors: Kokubu, Takeshi / Mifune, Yutaka / Inui, Atsuyuki / Nishimoto, Hanako / Harada, Yoshifumi / Nagura, Issei / Kurosaka, Masahiro / Muto, Tomoyuki
Speaker: Muto, Tomoyuki (Japan)

The Masquelet technique induces the formation of a mesenchymal stem cell rich periosteum like membrane
Authors: Jones, Elena / Dennis, McGonagle / Giannoudis, Peter / Churchman, Sarah / Tan, Hiang Boon / Cuthbert, Richard
Speaker: Cuthbert, Richard (United Kingdom)

A new application of demineralised bone as tendon substitute; ovine animal study
Authors: Pendegrass, Catherine / Blunn, Gordon / Elnikety, Sherif
Speaker: Elnikety, Sherif (United Kingdom)

Platelet rich plasma with its cellular components increased tenocytes DNA content and proliferation compared to PRP releasate and controls
Authors: Thompson, Mark / Harrison, Paul / Willett, Keith / Franklin, Sarah / Alsousou, Joseph
Speaker: Alsousou, Joseph (United Kingdom)

Novel silk-based scaffolds for meniscus tissue engineering: The relevance of controlling segmental vascularization by methacrylated Gellan gum hydrogels
Authors: Oliveira, Joaquim / Reis, Rui / Espregueira-Mendes, João / Silva-Correia, Joana / Yan, Le-Ping / Miranda-Gonçalves, Vera / Oliveira, A. L. / Reis, R.M. / Pereira, Hélder
Speaker: Pereira, Hélder (Portugal)

10:30 - 12:00

Osteoporosis		
SYMPOSIUM	FRAGILITY FRACTURES OF THE PELVIS	Room Vienna
10.30-12.00	Organisers: Mutschler, Wolf (Germany), Stöckle, Ulrich (Germany)	
	Profile of geriatric pelvic fractures Speaker: Schultz Larsen, Morten (Denmark)	
	Pubic rami fracture – a benign pelvic injury? Speaker: Pohlemann, Tim (Germany)	
	Treatment of sacral insufficiency fractures Speaker: Stöckle, Ulrich (Germany)	
	Acetabular fractures in the elderly – endoprosthesis vs osteosynthesis Speaker: Mutschler, Wolf (Germany)	
	Insufficiency fractures of the pelvis need more than operative treatment Speaker: Woolf, Anthony (United Kingdom)	



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General Orthopaedics

NR.	TITLE	AUTHORS
Bone and joint tumours		
EFORT13-1447	A rare and interesting case: Van Ness rotationplasty in a 14-month-old for Ewing's sarcoma of the whole femur	Mckenna, David / Taminiau, Antonie / Pollock, Robin / Bhamra, Jagmeet
EFORT13-1543	Organ preservation technologies of transosseous osteosynthesis in restorative treatment of patients with primary tumors and tumor-like lesions of the tibia	Balaev, Pavel / Borzunov, Dmitry
EFORT13-1551	Bone lesions in multiple myeloma; a descriptive study using information from total body CT-scans	Oner, Cumhur / Verlaan, Jorrit-Jan / Minnema, Monique / Versteeg, Anne
EFORT13-1576	Efficacy of newly developed platinum complexes against osteosarcoma, bone targeting platinum and proteasome inhibitory platinum	Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Miwa, Shinji / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Odani, Akira / Hayashi, Katsuhiro / Igarashi, Kentaro
EFORT13-1581	Multifocal, metachronous giant cell tumour in a 59-year-old male patient with rare localisation: A case report	Friesenbichler, Jörg / Pirker-Frühauf, Ulrike / Maurer-Ertl, Werner / Sadoghi, Patrick / Leithner, Andreas / Mächler, Maximilian
EFORT13-1646	Synovial chondrosarcoma arising in primary synovial chondromatosis: A tertiary unit experience	Boffano, Michele / Chaudhry, Samena / Jeys, Lee / Grimer, Robert / Evans, Scott
EFORT13-1650	Pedicle versus free frozen autograft for reconstruction in malignant bone and soft tissue tumors of the lower extremities	Yamamoto, Norio / Shirai, Toshiharu / Hayashi, Katsuhiro / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Igarashi, Kentaro / Inatani, Hiroyuki / Kato, Takashi / Tsuchiya, Hiroyuki / Shimozaki, Shingo
EFORT13-1805	Multidisciplinary approach to giant cell tumors of tendon sheath and synovium – Critical appraisal of literature and treatment proposal	van Der Heijden, Lizz / Gibbons, C. / Hassan, A. / Kroep, J. / Gelderblom, H. / van Rijswijk, C. / Nout, R. / Bradley, K. / Athanasou, Nick / Dijkstra, P. / Hogendoorn, P. / Van de Sande, Michiel
EFORT13-1828	TLEMsafe: A European project to improve predictability of functional recovery of patients requiring severe musculoskeletal surgery	Koopman, Bart / Krog, Marjolein / Weerdesteyn, Vivian / Wirix-Speetjens, Roel / Tørholm, Søren / Sitnik, Robert / Feilkas, Thomas / Verdonchot, Nico
EFORT13-1925	Complications after Oncologic pelvis ring surgery	García, Francisco / Angulo, Manuel / Moreno, María / Amaya, José
EFORT13-1975	Reconstruction of malignant bone tumors using pedicle frozen autograft treated with liquid nitrogen	Yamamoto, Norio / Takeuchi, Akihiko / Kimura, Hiroaki / Igarashi, Kentaro / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Nishida, Hideji
EFORT13-2029	Intraarticular osteoid osteoma of the hip: A challenging diagnosis	Demiralp, Bahtiyar / Basbozkurt, Mustafa / Yildiz, Cemil / Keskinbora, Mert / Kose, Ozkan
EFORT13-2165	Reconstruction in severe pelvic bone loss and discontinuity; using a coned hemi-pelvis with a posterior approach to the hip	Evans, Scott / Sadique, Hammad / Jeys, Lee / Grimer, Robert / Quraishi, Mohammed
EFORT13-2218	A "boneless" shoulder; a rare case of Gorham's Syndrome	Portolés Pcampo, Ana / Navarro Beltrán, Pablo / Lambán, Noemi / Rodríguez-Chacón, Luis
EFORT13-2237	Simple bone cysts of the calcaneus – A distinct clinical entity? A comparative study with long bone cysts	Hoshi, Manabu / Oebisu, Naoto / Nakamura, Hiroaki / Takada, Jun



General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-2264	Osteoarthritis after curettage with PMMA for giant cell tumors around the knee - Prevalence, risk factors and clinical relevance in 46 patients	van Der Heijden, Lizz / Heineken, Adriaan / Van de Sande, Michiel / Nelissen, Rob / Dijkstra, P.
EFORT13-2309	Vascularized fibular reconstruction after tumoral resection. Our experience and results	Baixauli, Francisco / Moreno, María / Angulo, Manuel / Amaya, José
EFORT13-2373	Extra-articular knee resection while preserving the extensor apparatus in distal femoral osteosarcoma with articular invasion	Velez, Roberto / Barrera, Sergi / Haddad, Sleiman / Aguirre, Marius / Nardi, Joan / Cáceres Palou, Enric / Barastegui, David
EFORT13-2389	Computed tomography guided musculoskeletal biopsies	Papavasiliou, Kyriakos / Kyrkos, Ioannis / Kapetanios, Georgios / Bintoudi, Antonia
EFORT13-2400	Percutaneous image-guided radiofrequency ablation of bone lesions. Our experience in the last 10 years	Papavasiliou, Kyriakos / Sarris, Ioannis / Kyrkos, Ioannis / Bintoudi, Antonia
EFORT13-2429	Adverse reactions of artificial bone graft substitutes: Lessons learned from using tricalcium phosphat "GeneX"	Sadoghi, Patrick / Maurer-Ertl, Werner / Pirker-Frühauf, Ulrike / Weger, Christian / Leithner, Andreas / Friesenbichler, Jörg
EFORT13-2447	Metastatic lesions in the humerus. Analysis of 70 cases	Serrano, Celia / Pablos, Oscar / Agulló, José Luis / Tramunt-Monsonet, Carlos / Casals, Victor / Fontalva, María Luisa / Portabella, Federico
EFORT13-2526	Malignant degeneration of an osteochondroma to a peripheral chondrosarcoma	Pablos, Oscar / Ezagüi, Jaime León / Narváez, José Antonio / Agulló, José Luis / Fontalva, María Luisa / Portabella, Federico
EFORT13-2583	Arthroscopic treatment of synovial chondromatosis with three diverse locations	Murciano Antón, María Aránzazu / Martínez López, Nuria / Muñoz Sicilia, Teresa / De Dios Pérez, María Sol / Gómez Mendieta, Remedios / Sanjurjo Portus, Jorge / Escalera Alonso, Javier / López-Franco, Mariano
EFORT13-2803	Clavicular osteochondroma resulting in Paget Schroetter syndrome: A case report	Campton, Luke / Mahmood, Fahd
EFORT13-2879	Autologous double-barrel vascularized fibula bone graft for arthrodesis of the shoulder after tumor resection	Wieser, Karl / Fuchs, Bruno / Modaressi, Kourosh
EFORT13-2959	Surgical management of metastatic periacetabular lesions	López-Durán, Luis / García-Coiradas, Javier / Cebrián Parra, Juan Luis
EFORT13-2964	Patient and implant survival following joint replacement because of metastatic bone disease	Gregersen, Kristine / Grum-Schwensen, Thomas / Hovgaard, Dorrit / Petersen, Michael / Sørensen, Michala
EFORT13-3132	Primary osseous lymphoma – A difficult diagnosis	Desai, Ankit / Pinches, Gwendoline / Lang, Kathryn / Lidder, Surjit / Skyrme, Andrew / Edwards, Huw
EFORT13-3365	Synovial cyst and sudden motor weakness, sensory loss and neurogenic claudication	Bernaldez, M. J. / Lorente, A. / Castrejón, M. C. / Díaz-Rojas, L. M. / Muñoz-Ledesma, J. L. / Lorente, Rafael
EFORT13-3652	Bilateral Elastofibroma Dorsi, a case review.	Estévez, Daniel / Pérez, Arturo / Rodríguez, Joaquim / Casellas, Mireia
EFORT13-3864	Complication of radiation therapy for soft tissue sarcomas: experience of orthopaedic oncology department of Florence	Campanacci, Domenico / Frenos, Filippo / Scoccianti, Guido / Matera, Davide / Capanna, Rodolfo / Caff, Giuseppe / Beltrami, Giovanni
EFORT13-3865	Functional reconstruction around the knee with megaprosthesis	Beltrami, Giovanni / Scoccianti, Guido / Chacon, Sara / Capanna, Rodolfo / Caff, Giuseppe / Campanacci, Domenico
EFORT13-3893	Combined distal femoral and proximal tibial segmental endoprosthetic reconstruction following tumour resection – A retrospective analysis of 38 patients	Dominkus, Martin / Windhager, Reinhard / Funovics, Philipp / Riedl, Markus / Sevelde, Florian

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-3950	Gorham-Stout disease : A rare case of massive osteolysis and chylothorax	Liu, Chien-Lin / Cheng, Yen-Wen
EFORT13-3952	Surgical treatment of pathological fractures of the humerus with bony metastases	Chung, Lien-Hsiang / Wu, Po-Kuei / Chen, Cheng-Fong / Chen, Wei-Ming / Liu, Chien-Lin / Cheng, Yen-Wen
EFORT13-3958	Biological diaphyseal reconstruction after excision of malignant bone tumours using a vascularised fibular graft	Ogura, Koichi / Fujiwara, Tomohiro / Asano, Naofumi / Setsu, Nokitaka / Kobayashi, Eisuke / Nakatani, Fumihiko / Chuuman, Hirokazu / Kawai, Akira / Tanzawa, Yoshikazu
EFORT13-4032	Hydatic cyst of the thigh. An unusual localization. Case report	Saloupis, Panagiotis / Papadopoulos, Anestis / Eftychiakos, Nikolaos / Chatziravdelli, Vasiliki / Christakis, Nikolaos / Ioannidis, Christos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4226	Pitfalls of biopsy in cartilaginous tumours of iliac bones	Delepine, Fabrice / Delepine, Gerard
EFORT13-4382	Cervical paravertebral osteolipoma. Case report	Puig Verdí, Lluís / Ramírez Valencia, Manuel / Saló Bru, Guillem / Molina Ros, Antoni / Lladó Blanch, Andreu / Gil González, Sergi / Pérez Prieto, Daniel / Guirro Castellnou, Pau
EFORT13-4402	Primary synovial chondromatosis of the hip presenting as a pathological fracture: a case report and review of literature	Shoker, Balvinder / Shetty, Shilpith / Muthian, Senthil
EFORT13-4526	A symptomatic non-ossifying fibroma of the distal femur treated by cryoablation. A case report.	Bize, Pierre / Rüdiger, Hannes / Cherix, Stéphane / Ngo, Nam
EFORT13-4543	A two-stage reconstruction with a total knee megaprosthesis for a single distal femur metastasis, 9 years after excision of a malignant melanoma in a 21-years old patient: A case report	Leyvraz, Pierre / Cherix, Stéphane / Mariaux, Sandrine
EFORT13-4644	Solitary secondary malignant melanoma of clavicle two years after enucleation for ocular melanoma	Ciloglu, Ufuk / Turkmen, Ismail / Senol, Serkan / Graci, Calogero / Tozum, Halil / Ozkan, Korhan / Reddy, Krishna
EFORT13-4655	Parosteal lipoma as an increasingly noticed etiology for upper extremity compression neuropathy	Basarir, Kerem / Yildiz, Yusuf / Saglik, Yener / Karaca, Onur
EFORT13-4731	Jaffé-Campanacci syndrome: An extremely rare cause of pathologic fracture of the femur	Rüdiger, Hannes / Cherix, Stéphane
EFORT13-4740	Extra-articular knee resection for a secondary chondrosarcoma evolving from an isolated enchondroma of the distal femur	Cherix, Stéphane / Rüdiger, Hannes / Laurencon, Jonathan
EFORT13-4769	Patellar bone stock below critical level in extraarticular resection of the knee preserving the extensor mechanism: A cadaver study	Karaca, Onur / Armangil, Mehmet / Esmer, Firat / Sen, Tulin / Yildiz, Yusuf / Basarir, Kerem
EFORT13-5554	Proximal humeral endoprosthetic replacement outcomes: The use of tumour tube reconstruction	Gikas, Panagiotis / Bhamra, Jagmeet / Aston, William / Blunn, Gordon / Pollock, Robin / Briggs, Timothy / Perera, Jonathan
EFORT13-5598	Transaxillary resection of a scapular osteochondroma causing chest wall deformity - A case discussion	Gerrand, C. H. / Kakkur, Rahul
EFORT13-5680	Extraskelatal osteosarcoma: A clinical review of fifteen cases	Dominkus, Martin / Panotopoulos, Ioannis / Windhager, Reinhard / Funovics, Philipp / Hipfl, Christian
EFORT13-5683	Modular prosthesis reconstructions in tumoral bone oncologic surgery - A too short experience	Popescu, Mihai / Cismasiu, Razvan-Silviu

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-5843	Periosteal osteosarcoma: A single institute review of 14 cases	Pollock, Robin / Tirabosco, Roberto / Silverwood, Robert
EFORT13-5878	An update of epidemiology of childhood bone malignancies	Hara, Eshelle / Fong, Angus
EFORT13-6026	The treatment of impending and existing pathological proximal or diaphyseal femoral fractures with Intra Medullary Nailing without Methyl-Methacrylate Augmentation	Kosashvili, Yona / Sidon, Eliezer / Cohen, Nir / Yaari, Lee / Velkes, Steven / Shemesh, Shai
General Orthopaedics / complications / basic science / technology		
EFORT13-1175	AKAN®: An improvement for the trans-femoral amputee?	Carmona, Gorki / Assal, Mathieu / Lacraz, Alain
EFORT13-1185	One-year results of percutaneous concentrated autologous bone marrow aspirate transplantation (CABMAT) in seventeen cases of non-union	Mishima, Hajime / Aoto, Katsuya / Li, Meihua / Yoshioka, Tomokazu / Sakai, Shinsuke / Akaogi, Hiroshi / Sakane, Masataka / Yamazaki, Masashi / Ochiai, Naoyuki / Sugaya, Hisashi
EFORT13-1276	An analysis of 471 failed unicompartmental knee arthroplasties	Gehrke, Thorsten / Dersch, Kathrin / Klauser, Wolfgang / Kendoff, Daniel / Citak, Mustafa
EFORT13-1284	Effectiveness of autologous transfusion system in primary Total Knee and Total Hip Arthroplasty	Gehrke, Thorsten / Hessling, Carola / Roehrs, Ehrenfried / Citak, Mustafa / Kendoff, Daniel
EFORT13-1310	15 months down the line – Clinical results of traumatic bone defects treated with resorbable silicated porous hydroxyapatite	Brüning-Wolter, Felix / Schulz, Arndt / Paech, Andreas / Jürgens, Christian / Wilde, Erik
EFORT13-1330	Evaluation of routine echocardiogram request for 'new murmur' detected in orthopaedics pre-admission clinic	Asawadi, Abdulrahman / Bullen, Lynda / Hynes, Matthew / Ahmed, Altaf
EFORT13-1350	Trauma day surgery: A necessary resource	Oliver, Matthew / Davies, Chi / Bhamra, Jagmeet
EFORT13-1477	Local infiltration of anaesthesia reduces blood loss and transfusion rates in knee arthroplasty surgery	Tong, Karen / Bhutta, Mohammed / Ryan, William / Ajwani, Sanil
EFORT13-1478	Coronal stability and dynamic alignment of the osteoarthritic knee before and after medial uni-compartmental knee replacement using navigation	Nandhara, Gubinder / Jarratt, Jeremy / Ajwani, Sanil
EFORT13-1546	Detection of prosthesis loosening by electrical impedance analysis	Audrito, Massimo / Facchini, Alessandro / Fusi, Simonetta / Pedotti, Antonio / Forlani, Christian / Bovio, Dario
EFORT13-1605	Training in day-case surgery – A missed opportunity	El-Sharkawy, Ahmed / Bagouri, Elmunzar / Chauhan, Vanisha
EFORT13-1631	Implant use for primary hip and knee arthroplasty: Are we getting it right first time?	Gillott, Elizabeth / Bhamra, Jagmeet / Briggs, Tim / Ng Man Sun, Stephen
EFORT13-1645	Differences in mechanical and oxidative stability between vitamin-e blending and diffusion processes	Figura, Michael / Freedman, Jordan / Sundaramurthy, Sona / Schroeder, Dave
EFORT13-1694	A comparison of tensile modulus between pattellar ligament and hamstrings tendon graft	Jovanovic, Savo / Zelic, Zoran / Rapan, Saša / Wertheimer, Vjekoslav / Biuk, Egon

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-1708	Increased plasma protein advanced glycation endproduct, oxidation and nitration biomarkers in patients with increasing severity of osteoarthritis	Costa, Matthew / Watts, Richard / Thornalley, Paul / Rabbani, Naila / Ahmed, Usman
EFORT13-1750	Changes in the incidence of diabetes-related lower extremity amputation: A long-term observational survey in Geneva, Switzerland	Hoffmeyer, Pierre / Assal, Mathieu / Lacraz, Alain / Carmona, Gorki
EFORT13-1769	Platelet derived growth factor releasing poly-β-hydroxybutyrate-co-3-hydroxyvalerate based biodegradable implants: The effect on fracture healing	Türker, Mehmet / Demir, Teyfik / Çirpar, Meriç / Yalçinozan, Mehmet
EFORT13-1775	Effects of 5'-(N-ethylcarboxamido) adenosine on proliferation and differentiation of human bone marrow-derived mesenchymal stem cells	Jung, S. / Lee, J. / Jung, J. / Cha, S. / Suh, Kuentak
EFORT13-1790	The role of the vacuum in reinfusion drainage systems	kovac, Simon / Topolovec, Matevž
EFORT13-1809	In an observatory study there are a substantial risk of misinterpretation of results after primary Total Hip Replacement	Nordsletten, Lars / Maansson, Lukas
EFORT13-1883	Is cardipulmonary exercise testing useful in predicting peri-operative mortality in arthroplasty?	Isaac, David / Tillotson, Laura
EFORT13-1900	Adherence to NICE guidance on Venous Thromboembolism prophylaxis after elective hip and knee arthroplasty	Marsh, Martin / Brewster, Nigel / Partridge, Thomas
EFORT13-1924	Dropping of instrument by scrub team during hip and knee arthroplasty - Does patient's size matters?	Jayme, Odette / Kalairajah, Y. / Haque, Syed
EFORT13-1929	The analysis of regenerative and immune cells in bone marrow and concentrate, by multidimensional flow cytometry	Cieslik-Bielecka, Agata / Sedek, Lukasz / Szczepanski, Tomasz / Wójcik, Krzysztof / Bielecki, Tomasz
EFORT13-1970	Thromboprophylaxis for Hip and Knee Arthroplasty with Rivaroxaban- Experience in a District Hospital	Nunag, Perrico / Giebaly, Dia / Kerr, Andrew / Press, James
EFORT13-2071	A mile in my shoes: The experiences of ASR hip patients and their families	Wienroth, Matthias / Hopkins, Clare / Joyce, Tom / McCormack, Pauline
EFORT13-2073	Multiple bilateral cutaneous schwannomas: Case report	Azevedo, Jorge / Tarquini, Olíana / Silva, Luis / Maia, Bruno / Pires, José / Carvalho, Eunice
EFORT13-2134	Interleukin-6 can serve as an early marker of fat embolism syndrome: A clinical study	Sen, Ramesh / Shiva, S. / Tripathy, Sujit
EFORT13-2184	Can the sound of hammering objectively predict intraoperative microfracture in bone? A study on animal bone	Elisibaei, Anas / Jackson, Bob / Rice, John / Riordan, Dan / Abdulkarim, Ali
EFORT13-2193	Antibiotic pre-exposure reduces the ability to detect heat production of bacteria in biofilm	Furustrand Tabin, Ulrika / Betriséy, Bertrand / Overgaard, Søren / Trampuž, Andrej / Ravn, Christen
EFORT13-2234	Patient perceptions of computer assisted surgery	Patel, Amit / Davis, Edward / Gandhi, Maulik
EFORT13-2292	Comparative differential scanning calorimetric analysis of 13 different types of human collagen tissues	Vámhidy, László / Lorinczy, Dénes / Naumov, Istvan / Wiegand, Norbert

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-2326	Effect of triamcinolone acetonide to rotator cuff derived cells: Dose and time depending effect	Kurosaka, Masahiro / Kokubu, Takeshi / Mifune, Yutaka / Nishimoto, Hanako / Muto, Tomoyuki / Inui, Atsuyuki / Nagura, Issei / Harada, Yoshifumi
EFORT13-2338	Prophylactic use of gentamicin and the incidence of acute kidney injury in orthopaedics	McGraw, Iain / Hansom, Donald
EFORT13-2352	PCL over-tightness increases tibial insert contact stress in cruciate retaining Total Knee Arthroplasty	Angibaud, Laurent / Gao, Bo
EFORT13-2359	Metatropic dysplasia as the cause of atlantoaxial instability, spinal stenosis and myelopathy. Case report and literature review	Kryl, Jan / Vyskocil, Tomáš / Nesnidal, Petr / Stulik, Jan / Barna, Michal
EFORT13-2504	The influence of ACL reconstruction on post-operative rotational laxity: Do the patients with higher values maintain higher values after the surgery?	Signorelli, Cecilia / Lopomo, Nicola / Marcheggiani Muccioli, Giulio Maria / Marcacci, Maurilio / Zaffagnini, Stefano / Bonanzinga, Tommaso
EFORT13-2533	Nuclear medicine applications in lumbar vertebral pathology	Duran, C. / Garcia, L. / Rayo, J. I. / Lorente, A. / Serrano, V. J. / Infante, J. R. / Lorente, Rafael
EFORT13-2536	Peri-operative prophylactic gentamicin and flucloxacillin administration significantly increases new onset renal impairment for elective hip and knee arthroplasty	Torkington, Mathew / Anthony, Iain / Wells, Julie / Blyth, Mark / Jones, Bryn / Bailey, Oliver
EFORT13-2542	Non-traumatic anterior knee dislocation in a patient with osteoarthritis of the knee	Klatte, Till / Gehrke, Thorsten / Klauser, Wolfgang / Kendoff, Daniel / Ansorge, Christian / Citak, Mustafa
EFORT13-2584	Aggressive arthropathy of multiple large joints following tick bites: Case report and review of literature	Akrawi, Hawar / Sagar, Chris / Tawfiq, Osama / Shafqat, Syed / Hassan, Syed
EFORT13-2611	Routine tranexamic acid use in a district general primary arthroplasty unit: Outcome following introduction	Hassan, Fazal / Craig, David / Bunn, Jonathon / Thompson, Robin
EFORT13-2695	Clinical and cost-effectiveness aspects of retransfusion in orthopaedic surgery	Dutka, Julian / Dutka, Lukasz / Skowronek, Pawel / Skowronek, Michal / Dobosz, Bartlomiej
EFORT13-2805	Impaction test method replicating simulated use for cancellous bone punch arthroplasty	Pencinger, Christie / Scholl, Laura / Schmidig, Gregg / Thakore, Mayur
EFORT13-2860	Does hypotensive anesthesia result in false anemia and therefore increase transfusion requirements?	Bou Monsef, Jad / Perna, Michelle / Boettner, Friedrich
EFORT13-2971	Weekday of surgery and gender as important factors delaying discharge after Total Hip Replacement (THR)	Olsson, Marianne / Maansson, Lukas / Thoen, Peder
EFORT13-2995	Peri-operative radiation exposure; is it a big problem?	Finlayson, David / Cochrane, Lynda / Hince, Andrew / Dalglish, Stephen
EFORT13-3019	The diagnostic availability of multidetector-row computed tomography (MDCT) in deep vein thrombosis developed after joint arthroplasty	Jong Min, Lee / Suk In, Na / Myung Ku, Kim
EFORT13-3031	Common autoantibody markers for SLE and vascular diseases	Yamanaka, Hajime / Tahara, Masamitsu / Goto, Ken-ichiro
EFORT13-3116	Combined inhalation of cigarette smoke and coal dust particulate matter 10 (PM10) increase bone iron level in rat	Setiawan, Bambang / Noor, Zairin
EFORT13-3158	The effect of poly methyl methacrylate viscosity on Cement-within-Cement bond strength	Ayre, Wayne / Evans, Sam / Sims, Alex

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-3160	Is the quality of orthopaedic research improving?	Dodds, Alexander / Spicer, Dominic / Newman, Simon
EFORT13-3198	A simple novel bone bank storage: The Singapore General Hospital Experience	Chin, Pak-Lin / Yeo, Seng-Jin / Lo, Ngai-Nung / Chia, Shi-Lu / Tay, Darren / Ang, Chay-You / Loh, Danny
EFORT13-3235	The efficiency of using silver coated implants in the treatment of osteomyelitis and fracture in experimental rabbit model	Total, Murat / Tuncer, Kutsi / Karsan, Orhan / Köse, Mehmet / Aydin, Ali / Uymur, Erdem
EFORT13-3291	Strass-strain analysis on allo-and autograft of anterior cruciate ligament – Pitfalls of the fixation techniques	Hangody, György / Szebenyi, Gábor / Kiss, Rita / Hangody, László / Pap, Karoly
EFORT13-3315	Surgical management of Total Knee Arthroplasty dislocations	Tuncay, Ibrahim / Sen, Cengiz / Bilsel, Kerem / Erdil, Mehmet / Elmadag, Mehmet / Ceylan, Hasan
EFORT13-3317	"One Step" treatment of juvenile knee osteochondritis dissecans: Clinical results and T2 mapping characterization	Buda, Roberto / Parma, Alessandro / Vannini, Francesca / Cavallo, Marco / Giannini, Sandro / Ruffilli, Alberto
EFORT13-3496	Polyethylene wear particles induce TLR 2 upregulation in synovial layer of mice	Frenzel, Jan / Paulus, Alexander / Jansson, Volkmar / Utzschneider, Sandra
EFORT13-3502	New Surgical Approach in the treatment of femoral interprosthetic fractures	Kendoff, Daniel / Haasper, Carl / Gehrke, Thorsten / Gebauer, Matthias / Citak, Mustafa
EFORT13-3532	Subcutaneously Administered Exenatide (a Glucagon Like Peptide-1 Analogue) On The Recovery Of Nerve In A Rat Sciatic Nerve Damage Model	Gümüş, Bilal / Erbas, Oytun / Dulgeroglu, Ali / Bora, Osman / Kuyucu, Ersin
EFORT13-3548	Delayed presentation of a non traumatic compartment syndrome in a patient warfarinized for an acute DVT	Tong, Aureola / Brooks, Francis / Tanaka, Hiro / Bayley, Morgan
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EFORT13-3696	Clinical evaluation of rivaroxaban vs fondaparinux for thromboprophylaxis following Total Hip or Knee Arthroplasty	Hourlier, Hervé / Fennema, Peter / Reina, Nicolas
EFORT13-3698	Wear particles differently modulate syndecan-4 expression in human periprosthetic loosening fibroblasts	Gilbert, Nina / Wilisch-Neumann, Annette / Kuester, Doerthe / Krueger, Sabine / Roessner, Albert / Lohmann, Christoph / Drange, Steffen
EFORT13-3775	Energy consumption during simulated minimal access surgery with and without using an armrest	Jafri, Mansoor
EFORT13-3872	Verification of an Magnetic Resonance Imaging algorithm to recreate the anatomic contours of the femoral condyles with bony defects for Total Knee Arthroplasty	Mont, Michael / Dunbar, Michael / D'Alessio, Jerry / Kester, Mark / Patel, Amisha
EFORT13-3953	Introduction of a Trauma checklist to improve the quality of operation notes in a District General Hospital	Ansari, Aneel / Seeley, Joanna / Shah, Nirav / Chotai, Neil
EFORT13-3954	The use of computerised records as main-stream documentation on total knee arthroplasty patients: A single centre experience	Froghi, Saeid / Porter, Kenneth / Shahid, Mohammad / Robati, Shibby
EFORT13-3963	Primary stability of megaprotheses of the proximal femur – Influence of different designs	Kretzer, Jan / Jakobowitz, Eike / Kinkel, Stefan / Graage, Jan / Nadorf, Jan
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General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-4023	Knee injury and osteoarthritis outcome score (KOOS): Reliability, validity and responsiveness of the Greek version in patients with Total Knee Replacement	Moutzouri, Maria / Billis, Evdokia / Gliatis, John / Panagiotopoulos, Elias / Tsoumpas, Pantelis
EFORT13-4132	Fear of falling in knee and hip osteoarthritis	Usón, Elena / Constantino, Juan / Quiles, Manuel
EFORT13-4162	Is the patient warm enough? Perioperative core temperatures in arthroplasty patients	Westerman, Richard / Rowles, John / Gogna, Rajiv
EFORT13-4164	Quantitative analysis of BAX and BCL2 mRNA levels in human osteoarthritis and normal articular cartilage: Investigation of their differential expression	Mavridis, Konstantinos / Scorilas, Andreas / Babis, George / Karaliotas, Georgios
EFORT13-4219	Does the marker wire position contribute to risk of polyethylene bearing fracture	Pandit, Hemant / Gill, Harinderjit / O'Connor, John / Murray, David / Pegg, Elise
EFORT13-4268	A new monetite/silica-gel based biomaterial for bone regeneration. In Vivo study	Carrodegua, Raúl / Padilla, Susette / García de Castro, Arcadio / Díaz-Guemes, Idioa / Enciso, Susana / Collía, Francisco / Benito, Lorena / De Pedro, José Antonio
EFORT13-4274	Bone regeneration induced by the engraftment of c-Kit unselected human amniotic fluid stem cells (AFSC) in a rat model: A pilot study	Salini, Vincenzo / Stuppia, Liborio / Antonucci, Ivana / Andreoli, Elda / Di Pietro, Roberta / Marchegiani, Francesco / Centurione, Lucia / Centurione, Maria / Pantalone, Andrea / Vanni, Daniele
EFORT13-4347	The role of consent in elective and trauma orthopaedic surgery. A comparative audit	Christogiannis, Ioannis / Karamanis, Eirinaios / Papagelopoulos, Panagiotis / Ballas, Efstathios
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EFORT13-4403	Evaluating of bone healing around porous coated titanium implant and potential systematic bias of the traditional sampling method	Ding, Ming / Overgaard, Søren / Babiker, Hassan
EFORT13-4422	Reliability of TiNbN coatings against ion release on TKA components for allergic patients	Rondelli, Gianni / De Nardo, Luigi / Masoni, Davide / Sandrini, Enrico / Melli, Virginia
EFORT13-4423	Total knee prosthesis in Valgus deformity after supracondylar femur fracture	Caballero, María / Martínez Delgado, Fernando / Herrera, Antonio / Roche, Adrián / Benedi Alcaine, José
EFORT13-4440	Effect of intrarticular platelet-rich plasma (prp) injection in osteochondritis. An experimental histological study in rabbits	Cervero, Javier / López, Marta / Iglesias, Javier / Collía, Francisco / Pérez Caballer, Antonio / Benito, Lorena / De Pedro, José Antonio
EFORT13-4499	Litigation in orthopaedic surgery. Is this a growing problem?	Gillott, Elizabeth / Briggs, Tim / Machin, John
EFORT13-4687	Postoperative fever after total joint arthroplasty: Use of a simple medical workup to avoid delayed discharge	Orozco, Fabio / Kane, Ian / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4698	Is blood transfusion refusal following total joint arthroplasty associated with increased complications?	Orozco, Fabio / Kane, Ian / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4742	Joint kinematics and moments during stair ascent and descent in healthy adults: A review	Ibrahim, Mazin / Sarmah, Sasanka / Haddad, Fares / Khan, Muhammad
EFORT13-4782	Would procedure-specific consent forms be the answer? A prospective study of current methods in consenting for lower limb arthroplasty	Mussa, Mohamed

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-4795	The effects of diabetic medications on long bone fracture healing	Jayaramaraju, Dheenadhayalan / Agraharam, Devendra / Shanmuganathan, Rajasekaran / Gudipati, Suri / Giannoudis, Peter / Simpson, Christopher
EFORT13-4849	Quality of written consent will improve with pre-filled consent forms: Results of an audit on quality of written consent for operations for fractures of the neck of femur	Menon, Dipen / Aujla, Randeep / Wazir, Akhlaq / Bishnoi, Amit / Murphy, Jennifer / Nakedar, Sameer
EFORT13-4873	A multimodal approach to blood management can decrease the risk of blood transfusion after total joint replacement	Orozco, Fabio / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4877	Resistance to fracture of long and short femoral stems: Mechanical testing of synthetic and cadaveric bones	Clarke, Susannah / Cobb, Justin / Aqil, Adeel / Jones, Christopher
EFORT13-4882	The incidence of inaccurate insertion of the locking screw to locking compression plate	Kim, Jung-Jae / Park, Ki-Chul / Shon, Oog-Jin / Oh, Hyoung-Keun / Kim, Ji-Wan
EFORT13-4887	The factors affecting the accurate insertion of the drill sleeve to locking compression plate	Kim, Jung-Jae / Park, Ki-Chul / Shon, Oog-Jin / Oh, Hyoung-Keun / Kim, Ji-Wan
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EFORT13-4973	Electronic patient management system improves patient care in a major trauma centre	Spicer, Dominic / Gupte, Chinmay / Montanez, Angelica / Al-Obaidi, Bilal / Kambhampati, Srinivas / Asopa, Vipin
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EFORT13-5000	Glucogen storage disease type 1a (GSD1a) and femoral malunion	Akrivos, Ioannis / Kalantzis, Panagiotis / Nikas, Eleftherios / Doudoulakis, Konstantinos / Boudouris, Panagiotis / Priftis, Athanasios / Kakavas, Pindaros / Papagiannakos, Konstantinos
EFORT13-5001	To make orthopaedic surgery green in Europe	Chan, Francis / Pinto, Narendra / Rathnayake, Kalana / Karunathilaka, Loku Kankanamge Don
EFORT13-5068	An audit of the accuracy of data reported to the National Hip Fracture Database (NHFD)	Grant, Michael / Acharya, Ash / Sawalha, Seif
EFORT13-5071	Thromboembolic events associated with lower limb fractures	Singh, Jagwant / Alswadi, Abdul / Mula, Vish / Loeffler, Mark / Prinja, Aditya
EFORT13-5089	Feasibility of patient-reported outcome assessment in daily clinical practice: A comparison of assessment instruments and modes of administration	Kesterke, Nicolas / Jost, Bernhard / Kuster, Markus / Giesinger, Karlmeirad / Giesinger, Johannes
EFORT13-5107	Inappropriate CRP measurement post elective hip and knee arthroplasty	Hossain, Rehnuma / Saeed, Mohammed / Selzer, Gunther / Gee, Edward
EFORT13-5116	Procedure Based Assessments in trauma and orthopaedic training in the UK: A time for change?	Baird, Emily / Reed, Mike / Hunter, Alistair
EFORT13-5123	The usefulness of intraoperative 3D imaging in fracture surgery	Kim, Jung-Jae / Park, Ki-Chul / Shon, Oog-Jin / Oh, Hyoung-Keun / Kim, Ji-Wan
EFORT13-5170	A review of orthopaedic classifications; is their use justified?	Yates, Edward / Foley, Giles / Murray, David / Whitehouse, Samantha / Jain, Neil
EFORT13-5230	Patient perception of nerve injury following elective lower limb arthroplasty surgery	Silk, Zacharia / Butt, Umar / Bardakos, Nikolaos / Field, Richard / Buly, Jocelyn / Alazzawi, Sulaiman

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-5334	Predictive value of stress gradient index on lateral acetabular edge for long-term effects of Tonnis triple pelvic osteotomy	Vukasinovic, Zoran / Seslija, Igor / Zivkovic, Zorica / Spasovski, Vesna / Spasovski, Dusko
EFORT13-5349	Orthopaedics and traumatology progress test: A nationwide, on-site, in-training examination	Aydogdu, Semih / Gönen, Emel / Öztuna, Volkan / Çaliskan, S. Ayhan
EFORT13-5356	Can we resolve patient information issues in the outpatient setting with a mobile application?	Rajagopalan, Senthilvelan / Myint, Yulanda
EFORT13-5377	Publication trends in knee surgery: A review of the last 16 years	Ajuied, Adil / Wong, Fabian / Back, Diane / Davies, Andrew / Earnshaw, Peter / Smith, Christian
EFORT13-5399	Ganz reinforcement ring in revision Total Hip Replacement: Minimum 6-year follow-up results	Del Bosque Herrero, Antonio / Torres Campos, Antonio / Corella Abenia, Eduardo / Albareda Albareda, Jorge / Seral García, Belén / Palacio Barrabés, Jessica
EFORT13-5400	Tibial non-unions with bone loss treated with the Ilizarov apparatus	Kecojevic, Vaso / Lukic, Mirka / Vukajlovic, Bosko / Tomic, Sanja / Lalic, Ivica
EFORT13-5403	Finite element analysis of the medialization technique in total hip replacement of the dysplastic hip	Russu, Octav / Gergely, Istvan / Pop, Tudor Sorin / Nagy, Ors / Zazgyva, Ancuta / Zuh, Sandor-Gyorgy
EFORT13-5432	Cost analysis of primary Total Hip Replacements	Blake, Stephen / Tillotson, Laura
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EFORT13-5485	MSC transplantation improves contraction forces after skeletal muscle trauma and is accompanied by a shift in myofiber type	von Roth, Phillipp / Preininger, Bernd / Perka, Carsten / Duda, Georg / Winkler, Tobias
EFORT13-5494	Triage of extremity injuries in the emergency department: Can we trust our patients?	Lindner, Tobias / Haas, Norbert / Springer, Alexander / Koch, Julia / Wichlas, Florian / Tsitsilonis, Serafim
EFORT13-5526	Introduction of Joint arthroplasty register in Lithuania. First year results	Stucinskas, Justinas / Lebedev, Alexej / Tarasevicius, Sarunas
EFORT13-5593	Influence of anthropometric factors, activity level, comorbidities and genetic variables in periprosthetic osteolysis of knee and hip prosthesis	Gosalbez, Javier / Fernández, Carlos / Bonilla, David / Muñoz, José / Fernández-Valdes, José
EFORT13-5594	The need for a "post-op check x-ray" on trauma patients	Gogna, Rajiv
EFORT13-5633	Delayed compartment syndrome of the thigh following excessive physiotherapy after a Total Hip Replacement	Stone, Andrew / Nicol, Stephen / Elsofay, Kareem
EFORT13-5661	Beneficial Ppharmacological effects of Levosimendan on antioxidant status of acute inflammation induced in paw of rat: Involvement in inflammatory mediators	Karakus, Emre / Albayrak, Abdulmecit / Bayir, Yasin / Unal, Deniz / Aydin, Ali / Halici, Zekai
EFORT13-5722	The absence of the bilateral femoral diaphysis – A case report	Gogulescu, Nicolae / Gogulescu, Bogdan
EFORT13-5736	New method to monitor partial weight bearing of outpatients with the insole sensor system	Deiniger, Christian / Schwieger, Karsten / Pohlmann, Tim / Stöckle, Ulrich / Lucke, Martin / Doebele, Stefan
EFORT13-5742	2-months development of the mechanical properties of absorbable sutures used in orthopedic surgery	Meyer, Dominik / Snedeker, Jess / Müller, Daniel Andreas

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-5777	Modern dressings for wounds	Recalde-Espinosa, E. / Santana-Zorrilla, S. / Ferrer-Ballester, B. / Valero-Queral, M.
EFORT13-5905	Bilateral knee and hip osteonecrosis after systemic steroid treatment for choroidal neovascularization	Davidson, Jerome / Goddard, Richard / Jha, Shilpa
EFORT13-5931	Communication after cancellations in orthopaedics: The patient perspective	Bryson, David / Cutler, Lucy / Mehta, Saurabh
EFORT13-5963	Stress and strain in the ankle ligament	Gogulescu, Nicolae / Gogulescu, Bogdan
EFORT13-5984	Nanoparticle antibiotic delivery as a proposed treatment strategy for intraosteoblast S. aureus	Ogle, Craig / Kastanis, John / Wenke, Joseph / Ellington, Kent / Rand, Ben

Infection

EFORT13-1193	Audit of trends in infections post total hip replacement, total knee replacement, hip hemiarthroplasties and neck of femur repair, over the past 6 years (2005-2011) at Colchester Hospital University Foundation Trust	Moore, David / Ahmed, Altaf
EFORT13-1418	Nephrotoxic antibiotic use in routine prophylaxis for trauma surgery: Effects on renal function	Dobson, Philip / Hipps, Daniel
EFORT13-1742	Antimicrobial prophylaxis regimes for orthopaedic trauma surgery and clostridium difficile Infections – Part 2	Bryson, David / Taylor, Grahame / Aujla, Randeep
EFORT13-1791	An overview of the risk factors for total joint infections	Mihalic, Rene / Topolovec, Matevž
EFORT13-1853	Biofilm in orthopaedics: A local or systemical problem	Clar, Volker / Windhager, Reinhard / Clar, Heimo / Leithner, Andreas / Wolf, Matthias
EFORT13-1858	Prosthetic joint infection following total hip replacement: Results of one-stage versus two-stage exchange	Glehr, Mathias / Leithner, Andreas / Lovse, Thomas / Sadoghi, Patrick / Windhager, Reinhard / Clar, Heimo / Wolf, Matthias
EFORT13-1865	Compliance with prophylactic antibiotic guidelines for trauma surgery in a typical orthopaedic unit	Dobson, Philip / Hipps, Daniel
EFORT13-1983	Are we using good rationale when prescribing antibiotics?	Dobson, Philip / Hipps, Daniel
EFORT13-2135	Results of using bioactive glass S53P4 (BonAlive®) in reconstructive orthopaedic surgery – A 18-month follow-up study	Opris, Remus / Voicu, Bogdan / Bataga, Simona / Vilcelean, Marius / Denes, Marton / Gulian, Andrei / Solyom, Arpad / Tiberiu, Bataga
EFORT13-2136	A novel approach to the management of the diabetic and neuropathic foot ulcer with underlying chronic osteomyelitis – Surgical debridement, gentamicin beads and Home IV antibiotics	Sunderamoorthy, Dakshinamurthy / Chokkalingham, Kamal / Snape, Susan / Scammell, Brigitte / Kurien, Thomas
EFORT13-2172	Flucloxacillin and gentamicin as antibiotic prophylaxis – Is it causing acute kidney injury?	El-Deen, Mujahid / Ferguson, Kim
EFORT13-2455	Soft tissue tuberculosis : The hard facts of a rare presentation	Kumar, Senthil / Trikha, Vivek
EFORT13-2555	MRSA / MRSE – Chronic osteomyelitis and associated bone infections with surgical implants. Influence of different antibiotics on the period of therapy	Von Stein, Thomas

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-2639	A retrospective 5-year study of Gram – negative bacteria isolated from orthopaedic patients' infections	Efstathopoulos, Nikolaos / Kaseta, Maria / Roumeliotis, Leonidas / Prevezanos, Vassilis / Andreacos, Anastasios / Apostolopoulos, Ioannis / Tsiplakou, Sophia
EFORT13-2691	The microbiology profile of infections following primary Total Knee Replacement in the Kingdom of Fife	Morris, Keith / Walmsley, Phil / Ballantyne, James / Brenkel, Ivan / Akhtar, Muhammad Adeel
EFORT13-2857	Less-invasive cement spacer for replacement of infected uncemented Total Hip Replacement (THR) : Report of three cases	Yoshikawa, Eiichiro / Kume, Shinichiro / Okawa, Takahiro / Mitsui, Yasuhiro / Gotoh, Masafumi / Araki, Kyoko / Higuchi, Fujio
EFORT13-3053	Clindamycin-rifampin regimen in staphylococcal prosthetic joint infections	Kullberg, Bart-Jan / Sturm, Patrick / Elbers, Jos / Schreurs, Wim
EFORT13-3245	The surgical site infection on a traumatized patient: Correlation among age, diabetes, smoke and operating risk	Fischella, Leonardo / Fenga, Domenico / Maio, Monica / Laudati, Angelo / Rosa, Michle Attilio
EFORT13-3337	Effect on bacterial adhesion of chemical modified titanium alloy surface by farnesol. In Vivo study.	Quiles, Manuel / Delgado, María / Pacha, Miguel / Giraldo, Ciro / Gallardo, Amparo / González-Martín, María / Constantino, Juan
EFORT13-3425	Gentamicin-impregnated vs Gentamicin-vancomycin-impregnated prosthesis-like spacers for the treatment of failed septic total knee arthroplasty. Is there any difference in clinical outcomes?	Corona, Pablo / Pijoan, Joan / Barro, Victor / Amat, Carles / Flores, Xavier / Mendez Ojeda, Marye Merce
EFORT13-3428	Total Femur Arthroplasty. A limb salvage procedure to manage end-stage periprosthetic joint infections around the hip and the knee. Our experience with four cases	Corona, Pablo / Amat, Carles / Flores, Xavier / Mendez Ojeda, Marye Merce
EFORT13-3431	Temporal bone-cement tectoplasty for the management of a prefabricated hip spacer dislocation: A report of two cases	Corona, Pablo / Amat, Carles / Flores, Xavier / Mendez Ojeda, Marye Merce
EFORT13-3572	Painful knee : Unconventional methods SEM & sonication for infection detection as a standard hospital procedure	Raglio, Annibale / Gregis, Giampietro / Buoro, Sabrina / Virota, Giorgio / Remuzzi, Andrea / Castelli, Claudio / Ferrari, Roberto
EFORT13-3694	False-negative rate of Gram-stain microscopy for diagnosis of septic arthritis: Suggestions for improvement	Faroug, Radwane / Stirling, Paul
EFORT13-3715	Use of Ilizarov technique in chronic osteomyelitis in children	Aziz, Amer
EFORT13-3744	Necrotising fasciitis: A series of seven cases	Talwalkar, Sumedh / Shah, Nikhil / Phillips, Hannah / Alva, Avinash
EFORT13-3752	Shortened antibiotic regime in pelvic & acetabular surgery	Lee, Noel / Clayson, Anthony / Shah, Nikhil / Alva, Avinash
EFORT13-3780	Investigation into post operative hand infection in a regional hand centre serving rural and urban communities	Wood, Thomas / Rosser, Patrick
EFORT13-3938	Clinical assessment of treatment of pyogenic arthritis of the knee by arthroscopic synovectomy and open drainage with early passive motion as functional treatment	Tsuchiya, Akihiro / Fukuda, Hideaki
EFORT13-4081	Necrotizing pyoderma gangrenosum: An unusual differential diagnosis fo necrotizing fasciitis	Viana-López, Ramón / González-Gómez, Ignacio / Minuesa-Asensio, Álvaro / Utrillas-Compaired, Alfonso
EFORT13-4083	Vertebral hydatid disease and its treatment by anterior-posterior radical excision, fusion and chemotherapy with Albendazole. A case report: Twelve years follow-up result	Sever, Cem / Erdem, Mehmet / Erturer, Erden / Tezer, Mehmet / Cift, Hakan

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-4343	Analysis of risk factors for deep prosthetic infections following surgery for neck of femur fractures	Patel, Vishal
EFORT13-4361	Hip fracture: Is it necessary to extend antibiotic prophylaxis in parcial hip replacement?	Cano, Juan Ramón / Guerado Parra, Enrique / Cruz, Encarnación
EFORT13-4381	Pathological fracture due to acute osteomyelitis caused by clostridium sepsis	Torres-Claramunt, Raúl / Puig Verdié, Lluís / Martínez Díaz, Santos / Alentorn Geli, Eduard / Santana, Fernando / Alier, Albert / Puente Palacios, Isabel / Sánchez-Soler, Juan Francisco / Guirro Castellnou, Pau
EFORT13-4640	Propionibacterium prosthetic joint infections – A retrospective database analysis	Borens, Olivier / Trampuž, Andrej / Rienmüller, Anna
EFORT13-4803	Necrotizing fasciitis: Influence of prognosis factors	Marull Serra, Lluís / Muñoz Vives, Josep María / Froufe Siota, Miguel Angel / Navarro Cano, Ester / Vilabré Pagès, Neus
EFORT13-4818	Use of tobramycin impregnated beads in the management of chronic osteomyelitis. Early out come	Barakatali, Bilal / Wilkes, Richard / Rafee, Asan
EFORT13-5260	Septic elbow arthritis in children: A report of two cases	Koizumi, Yoshitsugu / Minegishi, Hanae / Kotajima, Satoshi / Hatori, Masahito / Dohi, Osamu
EFORT13-5316	Osteomyelitis of the wrist in children: Case report and review of the literature	Yañez Siller, Federico / Bernal Vargas, Juan / Masferrer, Ángel / Iborra, Miquel / Alberti Fitó, Gloria / Matas Pareja, Mariano / Cavanilles, José María / Panadero Moncusi, Manel
EFORT13-5407	Wound infection following elective lower limb joint arthroplasty: An analysis of 199 patients	Bardakos, Nikolaos / Field, Richard / Sukeik, Mohamed / Beer, Zoe / Silk, Zacharia / Butt, Umar / Alazzawi, Sulaiman
EFORT13-5428	Treatment of the failure of a two-stage replacement of a total knee arthroplasty for mycotic infection: Case report	Guerra, Ernesto / Muñeton, David / Barastegui, David / Cáceres Palou, Enric / Aguilar, Marc
EFORT13-5438	Arthrodesis through external fixation and bone transport in extreme knee periprosthetic infection	Haddad, Sleiman / Plano, Xavier / Méndez, Marye Merce / Amat, Carles / Corona, Pablo / Flores, Xavier / Selga, Jordi
EFORT13-5467	Impact of antimicrobial prophylaxis on periprosthetic tissue culture for diagnosing prosthetic joint infection	Trebše, Rihard / Mihalic, Rene / Faganeli, Nataša / Kavcic, Martina / Bedencic, Klemen
EFORT13-5472	Paediatric musculoskeletal sepsis due to Panton-Valentine leukocidin associated Staphylococcus aureus	Astle, Lisa / Jalgaonkar, Azal / Eastwood, Deborah / Bridgens, Anna
EFORT13-5534	Bacterial biofilm – In Vitro detection by measuring impedance	Jahoda, David / Zikmund, Aleš / Landor, Ivan / Pokorný, David / Sosna, Antonín / Judl, Tobiáš
EFORT13-5574	Effect of boric acid containing bone cement on biofilm formation	Gülnaz, Dolunay / Sener, Burçin / Caglar, Omur / Batmaz, Güray / Atila, Bülent
EFORT13-5634	Acute versus chronic inflammatory reactions as indicator for treatment success of rabbit experimental osteomyelitis with antibiotic impregnated human bank bone or antibiotic impregnated bone cement	Plenk, Hanns / Mayerhoefer, Martin / Kujundzic, Meliha / Kaudela, Karl
EFORT13-5910	Use of bone substitutes with antibiotic in the treatment of chronic osteomyelitis	Portabella-Blavia, Federico / Cabo-Cabo, Xavier / Moranas-Barrero, José / Pedrero-Elsuso, Salvador / Romero-Pijoan, Eudald

Osteoporosis

EFORT13-1180	Distribution of vitamin K2 in subchondral bone in osteoarthritis knee joints of patients who underwent Total Knee Arthroplasty	Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko / Wakabayashi, Hiroyuki / Ishii, Yoshinori
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General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-1207	BMD reduction, vitamin D deficiency and lactose intolerance in young childhood sarcoma survivors	Friesenbichler, Jörg / Maurer-Ertl, Werner / Obermayer-Pietsch, Barbara / Leithner, Andreas / Pirker-Frühauf, Ulrike
EFORT13-1421	Atypical femoral fractures related to prolonged diphosphonate intake – Case report	Serdoura, Francisco / Pinho, Andre / Rodrigues, Pedro / Pinto, Rui / Santos Carvalho, Manuel
EFORT13-1496	Relation between bisphosphonate and union in patients with atypical femoral fractures: Quit or continue?	Yoo, Jeong Joon / Oh, Kwang-Jun / Yoo, Je-Hyun / Rhyu, Kee-Hyung / Suh, Dong-Hun / Min, Byung-Woo / Lee, Kyungjae
EFORT13-1880	Trends selection of method treatment femur pathological fractures at children with tarda form osteogenesis imperfecta	Kuksov, Vitaly F.
EFORT13-2074	Effects of Denosumab treatment and discontinuation on bone mineral density and bone turnover markers in postmenopausal women with low bone mass	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2076	Effects of denosumab for the treatment of men with low bone mineral density	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2101	Association between timing of zoledronic acid and infusion and hip fracture healing	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2113	Could one predict the effects of cast immobilization on bone mineral mass in teenagers with lower limb fractures	Dubois-Ferrière, Victor / Lascombes, Pierre / Dayer, Romain / Martin, Xavier / De Coulon, Geraldo / Ceroni, Dimitri
EFORT13-2353	Bone markers (beta-crosslaps) in osteoporotic fractures. Comparision of wrist fractures and hip fractures in Spanish population	Moril, Lorena / Pellicer, Vicente / Ojeda, Margarita / Gutierrez, Pedro
EFORT13-3023	Bone density, fractures and bone microarchitecture of survivors of Ewing's sarcoma	Funovics, Philipp / Schüller-Weidekamm, Claudia / Windhager, Reinhard / Holzer, Gerold / Hobusch, Gerhard
EFORT13-3977	Singh index does not predict bone mineral density of the proximal femur as compared to dual energy X-ray absorptiometry (DEXA) and peripheral quantitative computed tomography (pQCT)	Stark, Olaf / Beckmann, Johannes / Püschel, Klaus / Vettorazzi, Eik / Amling, Michael / Gebauer, Matthias / Klatte, Till
EFORT13-4202	Comparision of bone mineral density in hip fracture patients with or without prior osteoporotic spinal compression fracture	Kim, Yeung Jin / Kim, Byung Su / Chae, Soo Uk
EFORT13-5167	Spontaneous fracture in long-term treatment with bisphosphonates	Gil González, Sergi / Piñol Jurado, Ignasi / Guirro Castellnou, Pau / Espiga Tugas, Xavier / Cebamanos Celma, Joan / Puig Verdí, Lluís / Sánchez-Soler, Juan Francisco
EFORT13-5873	Atypical femoral fractures – Bisphosphonates?	Leirinha, Manuel / Gomes, Jose / Carvalho, Andre

Pain control / rehabilitation and non-surgical management

NR.	TITLE	AUTHORS
EFORT13-1796	The effectiveness of hyaluronic acid intra-articular injections in knee osteoarthritis. A systematic review	Anand, Amarjit / Trigkildas, Dionysios
EFORT13-1810	Media coverage can effect length of stay after Total Hip Replacement	Gullan, Dag / Olsson, Marianne / Maansson, Lukas
EFORT13-2137	Enhanced recovery programme for hip and knee arthroplasty	Iftikhar, Hamid / Robati, Shibby / Hammouche, Salah / Shahid, Mohammad

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-2312	Comparing delayed-onset muscle soreness following eccentric exercise in elite hockey players treated with: Whole body vibration, or stretching	Maffulli, Nicola / Grice, Peter / Angioi, Manuela / Morrissey, Dylan / Grice, John
EFORT13-3138	The effect of self-administered superficial local hot and cold application methods on pain, functional status and quality of life in primary knee osteoarthritis patients	Akyüz, Aygöl / Tunay, Servet / Açıksöz, Semra
EFORT13-3756	The concept of "cohorting" for arthroplasty patients	Nicholson, Lance / Macdonald, Andrew / Jardim, Ani / Farrington, William
EFORT13-3910	Can complementary therapies improve pain control after ambulatory knee surgery: A systematic review	Downham, Christopher / Barlow, David / Barlow, Timothy
EFORT13-4090	Early independence in basic amputee activities but extremely poor one-leg balance following major non-traumatic lower limb amputation	Nielsen, Anni / Nielsen, Kirsten / Madsen, Ulla / Kristensen, Morten
EFORT13-4264	Rivaroxaban for thromboprophylaxis after major orthopaedic surgery of hip or knee in XAMOS: Outcomes by type of surgery	Schmidt, Andre / Turpie, Alexander / Jamal, Waheed / Mantovani, Lorenzo / Kreutz, Reinhold / Holberg, Gerlind / Haas, Sylvia / Lassen, Michael Rud
EFORT13-4595	Introduction of iliaco-fascial blocks for pre-operative pain relief in patients with neck of femur fractures	Li, Lily / Davies, Neil / Waters, Tim / Kalraiya, Ashish / Buddhdev, Pranai
EFORT13-4737	Enhanced recovery and short hospital stay following total hip and knee arthroplasty: A review of perioperative interventions	Khan, Muhammad / Alazzawi, Sulaiman / Haddad, Fares / Ibrahim, Mazin
EFORT13-5100	Role of teriparatide (recombinant parathyroid hormone) as a therapeutic measure in tensile type of Stress fracture neck of femur, in high risk patients for impaired healing of fracture	Digge, Vijaykumar / Malhotra, Rajesh
EFORT13-5271	Ultrasound-guided anterior axilla musculocutaneous nerve block	Kokkalis, Zinon / Mavrogenis, Andreas / Saranteas, Theodosios / Stavropoulos, Nikolaos / Sarlikiotis, Thomas / Tsiavos, Konstantinos / Papagelopoulos, Panagiotis
EFORT13-5286	Rehabilitation of tibial shaft fractures using an ambulatory biofeedback device	Moga, Daniel / Neaga, Florian
EFORT13-5459	The role of periarticular injection in the fast rehabilitation of arthroplasty cases	Bilgen, Ömer / Bilgen, Sadik / Özdel, Ahmet / Yilmazlar, Aysun / Mutlu, Müren / Kara, Kürsat
EFORT13-5539	End of life decision making in orthopaedics: One unit's 5-year experience	Brookes-Fazackerly, Steve / Newton-Ede, Matthew / Jain, Neil / Wilkes, Richard / Ring, Joseph
EFORT13-5613	Pain reduction assessment in 1'147 patients using combined sodium hyaluronate & sorbitol viscosupplementation	Heisel, J. / Kipshoven, Christoph
EFORT13-5751	Enhanced recovery for Total Knee Arthroplasty: Local anaesthetic infiltration vs sciatic nerve block	Singh, Shiv / Allen, Karla / Craig, James / Wainwright, Tom / Middleton, Robert / Lloyd, John / Vyskocil, Robert / Gardner, Edward

Sports / Knee soft-tissue

EFORT13-1147	The contemporary effect of partial meniscectomy on Health-related Quality of Life (HRQOL)	Nogler, Michael / Giesinger, Johannes / Lechner, Ricarda / Lenze, Florian / Thaler, Martin / Liebensteiner, Michael
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General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-1366	A prospective randomized study to evaluate the safety and efficacy of a polyurethane meniscal substitute in a meniscectomized knee: Short-term follow-up	Reategui, Diego / Lozano, Luis / Ares, Oscar / Macule, Francisco / Rodríguez, Juan Miguel / Segur, Josep María / Popescu, Dragos
EFORT13-1594	Influence of the soccer players' professional status on the frequency and severity of injuries: A comparative pilot study	Benito del Pozo, Lorenzo / Ayán, Carlos / Fernández, Tania / Martin, Vicente / Revuelta, Gonzalo / Maestro, Antonio
EFORT13-1676	Does obesity negatively affect the functional results of arthroscopic partial meniscectomy? A retrospective cohort study	Bilsel, Kerem / Sungur, Mustafa / Dikmen, Göksel / Polat, Gökhan / Elmadag, Mehmet / Tuncay, Ibrahim / Asik, Mehmet / Tunçer, Nejat / Erdil, Mehmet
EFORT13-1710	Second-look arthroscopic evaluation of cartilage lesions in the patellofemoral joint after anatomical double bundle ACL reconstruction	Tsuchiya, Akihiro / Kanisawa, Izumi / Yamaura, Ichiro / Sakai, Hiroki / Nagamine, Tomonori / Takahashi, Kenji
EFORT13-1768	Subchondral bone restoration with synthetic bone substitute for osteochondral defect in synovial joint	Mae, Tatsuo / Matsuo, Tomohiko / Tanaka, Yoshinari / Amano, Hiroshi / Nakamura, Norimasa / Nakata, Ken / Kita, Keisuke
EFORT13-1803	Molecular biological study for meniscal lesion: Toward understanding the mechanism of the pain in patients with meniscal lesion	Suzuki, Miyako / Orita, Sumihisa / Kanisawa, Izumi / Takahashi, Kenji / Sakai, Hiroki / Nagamine, Tomonori / Miyagi, Masayuki / Isikawa, Tetsuhiro / Kamoda, Hiroto / Inoue, Gen / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takahashi, Kazuhisa / Otori, Seiji / Tsuchiya, Akihiro / Ogura, Takahiro
EFORT13-1976	Return to sports in arthroscopic reconstruction of anterior cruciate ligament: 1-6 years follow-up study of 100 patients	Popescu, Dragos / Sotorres, Guillermo / Mendez, Ana / Fernández-Valencia, Jenaro / Sastre, Sergi / Rodríguez Roiz, Juan
EFORT13-2040	Intra-articular giant cell tumor of patellar tendon sheath – Rare clinical case	Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Pinto, Rui / Silva, Manuel / Antunes, Artur
EFORT13-2042	Administration of growth factors following natural expression during tendon healing	Müller, Sebastian / Majewski, Martin
EFORT13-2087	ACL reconstruction with preservation of the posterolateral bundle for partial ACL tears	Sonnery Cottet, Bertrand / Colombet, Philippe / Potel, Jean François / Trojani, Christophe / Panisset, Jean-Claude / Cucurulo, Thomas / Hulet, Christophe / Gravelleau, Nicolas / Servien, Elvire / Djian, Patrick / Pujol, Nicolas
EFORT13-2141	Rotational laxity and proprioception after partial ACL augmentation	Desmarchelier, Romain / Testa, Rodolphe / Chèze, Laurence / Fessy, Michel-Henri / Moyen, Bernard / Viste, Anthony
EFORT13-2394	Treatment of osteochondral lesion with recombinant elastin hydrogel and human MSCs in a xenograft model	Blanco, Juan / García-Briñón, Jesús / Martín Sánchez-Guijo, Fermín / Hernández, Cristina / Muntion, Sara / Pescador, David
EFORT13-2488	Clinical and radiological examination of the implant thickness after matrix-based autologous chondrocyte implantation of the knee (mb-ACT)	Pietschmann, Matthias / Müller, Peter / Niethammer, Thomas
EFORT13-2737	Traumatic patellar dislocation. Incidence and concomitant injuries found on sub-acute MRI	Frobell, Richard / Isacson, Anders
EFORT13-2953	Orthopaedics and traumatologic sportive injuries : Scientific evidence on the use of growth factors	Fernández Fairen, Mariano / Hernández Vaquero, Daniel / Guaredo Parra, Enrique / Torres, Ana
EFORT13-3014	Which information gain do we achieve with an MRI of a radiology unit without specialization in musculoskeletal diagnostics before knee arthroscopy?	Wild, Stefan / Gülecü, Mehmet / Ficklscherer, Andreas / Niethammer, Thomas / Pietschmann, Matthias / Müller, Peter / Rossbach, Björn

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-3098	Is there a correlation between different fixation techniques and bone tunnel widening in anterior cruciate ligament reconstruction?	Efstathiopoulos, Nikolaos / Kantzios, Andreas / Roumeliotis, Leonidas / Brilakis, Emmanuel / Andreacos, Anastasios / Korres, Demetrios / Apostolopoulos, Ioannis
EFORT13-3122	Posttraumatic cartilage defects of the knee treated with platelet-rich plasma: 1-year follow-up	Balaboshka, Kanstantsin / Dejkala, Valerij / Mastykau, Anton
EFORT13-3282	Acute bicruciate and PLC associated lesions : Mid-term results of a systematic treatment strategy	Tardy, Nicolas / Pujol, Nicolas / Wasserman, Vincent / Boisrenoult, Philippe / Beaufils, Philippe
EFORT13-3884	Medial meniscus root tear combined with straight medial instability. A report of 7 cases	Kim, Jin Goo / Ra, Ho Jong / Ha, Jeong Ku
EFORT13-3947	Low velocity anteromedial knee dislocation with an intact ACL reconstruction	Lidder, Surjit / Mestha, Prabhakar / Armitage, Andrew / Edwards, Huw
EFORT13-4133	The correlation between MRI and arthroscopy findings in soft tissue knee injuries at Hereford County Hospital	Grech, P. / Clark, D. / Paliobeis, C. / Bhavsar, D. / Maclean, S. / Knight, T. / McFarlane, John
EFORT13-4240	In Vitro stability testing of a non-fixed meniscal implant: The effect of surgical technique and knee condition	Bonner, Tarra / Greene, Alex / Linder-Ganz, Eran / Hershman, Elliott / Colbrunn, Robb / Elsner, Jonathan
EFORT13-4243	Anatomic and non-anatomic double-bundle ACL reconstruction. An In Vivo kinematic analysis of two different surgical approaches	Signorelli, Cecilia / Lopomo, Nicola / Bonanzinga, Tommaso / Marcacci, Maurilio / Zaffagnini, Stefano / Marcheggiani Muccioli, Giulio Maria
EFORT13-4265	A novel polycarbonate-urethane meniscus implant for the treatment of middle aged patients: First experience from 30 patients in Israel	Arbel, Ron / Agar, Gabriel / Israeli, Shmuel / Beer, Yiftah / Ben-Haim, Tzur / Shabshin, Nogah / Linder-Ganz, Eran / Nocco, Emanuele / Rozen, Nimrod / Blumberg, Nehemia / Elsner, Jonathan
EFORT13-4452	Arthroscopic partial meniscectomy in patients over 75 years of age	Ohnuma, Masahiro / Shirai, Yu
EFORT13-4493	Operative treatment of patellofemoral instability: Analysis of 64 cases	Kunde, Aiman / Shepard, Gordon / Spibey, James
EFORT13-4511	Can the healing potential of juvenile porcine cartilage following trauma be extended to the adult ?	Saklatvala, Jeremy / Asopa, Vipin
EFORT13-4629	Medial patello-femoral ligament influence on patello-femoral joint kinematics: An In Vitro analysis	Colle, Francesca / Sharma, Bahrat / Bignozzi, Simone / Lopomo, Nicola / Dejour, David / Marcheggiani Muccioli, Giulio Maria / Bonanzinga, Tommaso / Marcacci, Maurilio / Grassi, Alberto / Zaffagnini, Stefano
EFORT13-4783	Late presentation of an apophyseal injury of the anterior inferior iliac spine with associated sub-iliacus haematoma: A case report	Ibrahim, Mazin / Alazzawi, Sulaiman / Haddad, Fares / Khan, Muhammad
EFORT13-4886	Plantar fasciopathy treated with extracorporeal shockwave therapy without local anaesthetic block: A meta-analysis of prospective randomised control trials	Siddiqui, Muhammed / Solan, Matthew / Redfern, David / Gulati, Vivek / Cobb, Justin / Aqil, Adeel
EFORT13-5030	Effect of partial meniscectomy on the clinical results of anterior cruciate ligament reconstruction	Sahin, Vedat / Gürsu, Sarper / Yildirim, Timur / Issin, Ahmet / Sofu, Hakan
EFORT13-5110	Return to play following ACL injury in professional soccer players in the United Kingdom – A comparison of media prediction, public perception and actual findings	Saqib, Rukhtam / Tucker, Harry / Wilson, Scott / Murray, David / Jain, Neil
EFORT13-5124	Effect of pre-season screening for patella tendinopathy: The findings of a professional football club	Kemp, Steve / Hayward, Phil / Murray, David / Jain, Neil

General Orthopaedics

NR.	TITLE	AUTHORS
EFORT13-5133	Frequency of foot and ankle injuries in professional footballers following the introduction of Prehab that incorporates elements of the FIFA 11+	Kemp, Steve / Hayward, Phil / Murray, David / Jain, Neil
EFORT13-5315	An extra-articular procedure improves the clinical outcome in anterior cruciate ligament reconstruction with hamstrings in female athletes	De Carli, Angelo / Vadalà, Antonio / Lanzetti, Riccardo / Fabbri, Mattia / Ferretti, Andrea / Rossi, Cristina / Iorio, Raffaele / Bonifazi, Alberto / Alberti, Francesco / Lorio, Carlo
EFORT13-5328	Inverted fixation of the hamstring ACL plasty. A biomechanical study	Espejo Baena, Alejandro / Ezquerro Juanco, Francisco / Prado Nóvoa, María / Serrano Fernández, José / Martín Castilla, Belén / Espejo Reina, Alejandro
EFORT13-5366	Platelet-rich plasma: Does it help reduce tunnel widening after ACL reconstruction?	De Carli, Angelo / Vadalà, Antonio / Ciompi, Alessandro / Lanzetti, Riccardo / Fabbri, Mattia / Ferretti, Andrea / Iorio, Raffaele / Alberti, Francesco / Ferretti, Matteo / Lorio, Carlo
EFORT13-5441	Clinical comparative evaluation of arthroscopic assisted anterior cruciate ligament reconstruction by anatomic double bundle and single bundle hamstring grafts	Nag, Hira Lal / Morey, Vivek / Digge, Vijaykumar
EFORT13-5446	Impact of surgical approach on the anatomy of anterior cruciate ligament reconstruction	Aboelmagd, Karim / Alazzawi, Sulaiman / Haddad, Fares / El-Husseiny, Moataz
EFORT13-5756	Sizing meniscus: Evaluation of direct anatomical method, indirect radiographic method and photographic method. Experimental study on 10 cadaveric knees	Marty, Francois / Favard, Luc / Rosset, Philippe / Berhouet, Julien
EFORT13-5892	Mode of administration of bupivacaine in knee arthroscopy with regard to post-operative pain relief: A randomised controlled trial	Alvand, Abtin / Holton, James / Jackson, William / Beard, David / Price, Andrew / Khan, Tanvir
EFORT13-5909	Successful return to high level sports following early surgical repair of complete sleeve avulsions of the adductor complex in combination with the rectus abdominis and pectineus: A rare injury	Jassim, Shivan / Liekens, Koen / Haddad, Fares / Benjamin-Laing, Harry
EFORT13-5943	Effect of hamstring muscle contraction on anterior laxity in anterior cruciate deficient knees In Vivo	Kumar, Ajeet / Boddu, Krishna
EFORT13-6001	The use of a mobile health platform to improve care after orthopedic procedures	Mehta, Vishal

Tribology

EFORT13-1433	Histomorphology of retrieved tissues from early revisions of highly crosslinked PE cups of THA	Rabenseifner, Lothar
EFORT13-2795	Does coronal plane malalignment in thin sequentially cross-linked tibial inserts degrade wear results?	Herrera, Lizeth / Sayeed, Siraj / Korduba, Laryssa / Essner, Aaron / Mont, Michael / Delanois, Ronald / Longaray, Jason
EFORT13-3949	Does laboratory testing corroborate clinical results? An evaluation of oxidized Zirconium and CoCr femoral components	Herrera, Lizeth / Essner, Aaron / Longaray, Jason / Kester, Mark / Bonutti, Peter
EFORT13-4174	The effect of alignment on polyethylene wear in unicompartment knee arthroplasty	Herrera, Lizeth / Blackwood, Clint / Korduba, Laryssa / Essner, Aaron / Loving, LaQuawn / Coon, Thomas
EFORT13-4448	The effect of tibial tray material on the wear performance of polyethylene	Herrera, Lizeth / Korduba, Laryssa / Essner, Aaron / Ngo, Chau / Loving, LaQuawn
EFORT13-5375	Revision of Metal-on-Metal articulations in Total Hip Arthroplasty - Clinical and radiological results	Knahr, Karl / Radakovits, Peter

Upper limb

NR.	TITLE	AUTHORS
Hand and wrist		
EFORT13-1429	Comparative interphalangeal arthrodesis with acutrak® headless screw and K-wires: Efficacy and return to work evaluation	Silva, Cesar / Costa, Luis / Aido, Ricardo / Freitas, Daniel / Trigueiros, Miguel / Oliveira, Vânia
EFORT13-1612	Retrospective analysis of the short-term prognosis in trigger finger using sonographic A1 pulley thickness	Ishii, Yoshinori / Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko
EFORT13-2017	Prevalence and distribution of sesamoid bones of the hand; a radiographic study in Turkish subjects	Guler, Ferhat / Turan, Adil / Canbora, Mehmet / Akalin, Serdar / Kose, Ozkan
EFORT13-2018	The prevalence of functional absence of flexor digitorum superficialis to the little finger: A study in Turkish population	Guler, Ferhat / Turan, Adil / Baz, Ali / Akalin, Sedar / Kose, Ozkan
EFORT13-2085	Multiple carpometacarpal fracture – dislocations with concomitant dislocation of the STT joint : A case report	Pekopoulos, Nikolaos / Gikas, Evangelos / Avramidis, Grigorios / Giota, Angeliki
EFORT13-2334	Treatment of distal radioulnar joint disorders. Our experience in the Sauvé-Kapandji procedure	Plasencia, Miguel Angel / Valmaña, José Maria / Martínez, María Angeles / Jimenez, Lydia / García, Marta / Vaquerizo, Victor
EFORT13-2392	Local anaesthetic and adrenaline for small upper limb procedures: A prospective case series of patient satisfaction	Barton, Simon / Wykes, Phil / Hodgson, Steve / Fischer, Ben / Spibey, James / Probert, Nick
EFORT13-2464	Percutaneous use of headless conic compression screw for the fixation of adult distal radius fractures	Sevencan, Adnan / Köse, Nusret / Inan, Ulukan / Göktürk, Erol / Turgut, Kemal
EFORT13-2710	Hand strength measurement is not useful in the diagnostic work-up of carpal fractures	Rhemrev, Steven / Beeres, Frank / Grootendorst, Diana / Drijkoningen, Tessa
EFORT13-3002	Are there any differences in various polyaxial locking systems?	Scheifl, Rebekka / Mehler, Dorothe / Hely, Hans / Rommens, Pol Maria / Mehling, Isabella
EFORT13-3010	Pyrocarbon interposition arthroplasty of the trapezometacarpal joint with the PyroDisc®: A retrospective study	Risto, Anton / Tägil, Magnus / Kopylov, Philippe / Abramo, Antonio
EFORT13-3056	Associated carpal bone fractures in distal radius fracture	Lim, Jae-Woo / Oh, Hyeong-Tak / Kim, Doo-Hyun / Heo, Youn-Moo / Kim, Sang-Bum
EFORT13-3247	Sarcoidosis of the wrist: A case report	Tuncer, Kutsi / Topal, Murat / Aydin, Ali
EFORT13-3390	Replantation and revascularization vs amputation	Neuhaus, Valentin / Becker, Stephanie / Ring, David / Mulders, Marjolein
EFORT13-3592	Importance of hand therapy and information technology in successful rehabilitation after flexor tendon repair in hands	Gillespie, Patrick / Ghani, Yaser
EFORT13-3640	Treating multiple Dupuytren's contractures with collagenase Clostridium histolyticum: Efficacy and safety of two concurrent injections	Coleman, Steven / Gilpin, David / Houston, Anthony / Kaufman, Gregory / Cohen, Brian / Jones, Nigel / Kaplan, F. Thomas
EFORT13-3649	Long-term follow-up after successful treatment of Dupuytren's contracture with collagenase Clostridium histolyticum: Patterns of recurrence 3 years later	Hentz, Vincent / Tursi, James / Kaufman, Gregory / Smith, Ted / Szczypa, Piotr / Gerber, Robert / Kaplan, F. Thomas
EFORT13-3682	A prospective randomised study of endoscopic vs limited-open technique in carpal tunnel syndrome	Corrales, Monica / Garcia-Bonet, Jordi / Pasarin, Alex / Bosch, Joan / Martínez-Catasús, Adriana



Upper limb

NR.	TITLE	AUTHORS
EFORT13-3765	Comparison of trapezectomy with tendon interposition and total joint replacement in patients with thumb carpometacarpal joint arthrosis	Wöhrlé, Heidrun / Schneider, Wolfgang / Chochole, Martin / Haller, Petra / Wilk, Matthias
EFORT13-3819	Variability in local pressures under digital tourniquets	McEachan, Jane / Anakwe, Raymond / Jenkins, Paul / Middleton, Scott
EFORT13-4001	The relationship of Dupuytren's disease with socioeconomic deprivation	McEachan, Jane / Watts, Adam / Jenkins, Paul / Middleton, Scott
EFORT13-4013	Long-term outcomes (more than 10 years follow-up) of the total arthroplasties in the treatment of trapezio-metacarpal osteoarthritis	Mayo, Agustin / Martín Ferrero, Miguel Ángel
EFORT13-4201	Long-term clinical results and MRI changes following tendon ball arthroplasty for advanced Kienböck's disease	Soscia, Ernesto / Sirignano, Cesare / Balato, Giovanni / Soldati, Alessandra / Mariconda, Massimo / Smeraglia, Francesco
EFORT13-4227	Fractures of the hook of hamate: Management of non-union by using the carpal tunnel approach. A case series of 7 consecutive patients	Tolat, Amit / Compson, Jonathan / McGovern, Paul
EFORT13-4353	Evaluation of radiologic and functional outcomes of perilunate fracture dislocation	Kara, Adnan / Celik, Haluk / Uzun, Metin / Sonmez, Mehmet / Ozturk, Irfan / Seker, Ali
EFORT13-4415	Functional outcome and re-operation rate after proximal interphalangeal joint arthroplasty comparing volar and dorsal surgical approaches: Case series	Khan, Muhammad / Chakrabarti, Indranil / Ibrahim, Mazin
EFORT13-4447	Long term results after volar plating of articular distal radius fractures	Ruckenstein, Paul / Kastner, Norbert / Glehr, Mathias / Sadoghi, Patrick / Bernhardt, Gerwin / Leithner, Andreas / Gruber, Gerald
EFORT13-4601	Nail bed reconstruction using a pediculate laminar flap after an en bloc resection of a glomus tumor	Lusà, Manel / Vidal Tarrasón, Nuria / Mir Bullo, Xavier / Lluch Bergada, Alejandro / Haddad, Sleiman / Esteban, Ignacio
EFORT13-4693	Clinical results after 4 corner arthrodesis and complete carpus denervation, for the treatment of radiocarpal arthritis. A series of 19 patients.	Tolis, Kostas / Raptis, Konstantinos / Spyridonos, Sarantis / Antonopoulos, Dimitrios / Mavrogenis, Andreas / Marinakos, Panagiotis
EFORT13-4727	Use of collagen scaffold as an alternative to bone grafting in the treatment of scafold nonunion	Marina, Lucian / Cristescu, Ioan
EFORT13-4736	Diagnosis and anatomic reconstruction of recurrent dislocation of Extensor Carpi Ulnaris (ECU) in a professional athlete	Marinakos, Panagiotis / Spyridonos, Sarantis / Raptis, Konstantinos / Antonopoulos, Dimitrios / Souras, Nikolaos / Chatzis, Michail / Tolis, Kostas
EFORT13-4786	Diagnostic accuracy and usefulness of 3 Tesla MRI scan in assessment of scapholunate ligament injury and triangular fibrocartilage complex tears	Russell, Dougie / Bebbington, Andrew / Newington, David / Masud, Saqib
EFORT13-4867	Ten years experience with a pyrocarbon prosthesis replacing the proximal interphalangeal joint (PIP). A prospective clinical and radiographic follow-up	Geijer, Mats / Kopylov, Philippe / Tägil, Magnus
EFORT13-4963	Evaluation of open palm technique in managing palmar skin defects following cord resection in Dupuytren's disease of the hand	Quolquela, Muhammad
EFORT13-5046	Upper extremity infection by Mycobacterium marinum in a tropical fish store worker	Gimeno, Dolores / Gutierrez-Argumosa, Gloria / López-Durán, Luis / Pérez-Ubeda, María José

Upper limb

NR.	TITLE	AUTHORS
EFORT13-5218	Partial fasciectomy for Dupuytren's contracture	Mavrogenis, Andreas / Tolis, Kostas / Raptis, Konstantinos / Chatzis, Michail / Spyridonos, Sarantis / Antonopoulos, Dimitrios
EFORT13-5253	Clinical outcome of excision arthroplasty for the management of Kienbock's disease: A case review.	Saha, Suman / Sorene, Elliot / Graf-Eltz, Stephanie / Boutong, Sara
EFORT13-5304	Predistracton of severe dupuytren contractures with a new joint protective fixator	Hoffmann, Frank / Baluch, Marius / Dombrovskij, Alexei / Gausepohl, Thomas
EFORT13-5373	Treatment of Dupuytren's contracture by means of injectable collagenase Clostridium histolyticum: 2 year results	Haller, Petra / Chochole, Martin / Wik, Matthias
EFORT13-5454	Metacarpal reconstruction in gunshot wounds. Old and new tecnicques	Vintimilla, Jorge / Escudero, Juan
EFORT13-5604	Results of arthroscopic debridement of impinging dorsal synovitis for ulnar-sided wrist pain in the absence of triangular fibrocartilage - Complex tear	Bebington, Andrew / Newington, David / Russell, Dougie / Masud, Saqib
EFORT13-5643	HbA1c in patients undergoing surgery for stenosing flexor tenosynovitis	Hayward, Annabel / Gibson, Suzy / Bradman, Hannah / Winter, Alison
EFORT13-5819	Relationship between the ligaments of the trapeziometacarpal joint, ligament laxity, and joint subluxation with the development of osteoarthritis: An anatomical study	Llusà, Manel / Morro, Rosa / Mustafa, Amer / Besalduch, Marina / Proubasta, Ignacio / Lamas, Claudia
Shoulder/elbow, arm/forearm		
EFORT13-1376	Single row versus double row arthroscopic repair in the treatment of rotator cuff tears: A prospective randomized clinical study	Aldea, Elisa / Martínez, Angel Antonio / Ripalda, Jorge / Herrera, Antonio / Carbonel, Ignacio
EFORT13-1517	Cuff fatty infiltration after proximal humeral fractures	Miquel, Joan / Corrales, Monica / Cassart, Elisa / Puig Verdié, Lluís / Torrens, Carlos / Solano, Albert / Santana, Fernando
EFORT13-1549	Mozaicplasty technique for treatment of reverse Hill-Sachs lesion	Senaran, Hakan / Acar, Mehmet / Aydin, Kerem / Ozbaydar, Mehmet / Altan, Egemen
EFORT13-1602	Complex first presentation of Mycobacterium tuberculosis following subacromial corticosteriod injection: A case report	Johnson-Lynn, Sarah / Cloke, Dave / Candal-Couto, Jaime / Harrison, William
EFORT13-1622	One-stage exchange in periprosthetic shoulder infection: A retrospective study of 35 cases	Neumann, J. / Gehrke, Thorsten / Kendoff, Daniel / Rueger, J. / Klatte, Till
EFORT13-1684	Is the type of surgical intervention important in the outcome of complex distal humerus fractures?	Bilsel, Kerem / Sayar, Safak / Erdil, Mehmet / Tuncay, Ibrahim / Acar, Mehmet / Tunçer, Nejat / Elmadag, Mehmet
EFORT13-1709	Are we giving our patients the cold shoulder? An audit of perioperative temperature management in patients undergoing arthroscopic shoulder surgery at the Nuffield Orthopaedic Centre, Oxford	Hamilton, Thomas / Benham, Stuart / Chantler, Jonathan / Rees, Jonathan / Garner, Amy
EFORT13-1712	Biomechanical evaluation of a new technique of coracoclavicular fixation for the treatment of acromioclavicular dislocations	Toro, Felipe / Fingerhuth, Maximilian / Vaisman, Alex
EFORT13-1723	Pulmonary embolism following isolated upper limb injury : A rare complication	Burke, Neil / Harrington, Paul / Raval, Pradyumna

Upper limb

NR.	TITLE	AUTHORS
EFORT13-1724	A less invasive treatment for lateral epicondylitis using radiofrequency coblation	Jeavons, Richard / Bayliss, Neil / Chambers, Simon
EFORT13-1727	Extremity muscle weakness and sensorimotor system acuity as risk factors of throwing shoulder injury	Tasaki, Atsushi / Kuroda, Eishi / Yamakawa, Akira
EFORT13-1868	Ultrasound for the detection of full thickness rotator cuff tears: the learning curve for an orthopaedic surgeon.	Ibrahim, Edward / Petrou, Charalambos / Iossifidis, Anestis
EFORT13-1881	Preferences of operative management fractures of the clavicle at young athletes	Kuksov, Vitaly F.
EFORT13-1888	Open arthrolysis by posttraumatic elbow-stiff: Difference between intraoperative mobility and long-term outcome	Papke, Yvonne / Marquass, Bastian / Josten, Christoph / Aydogan, Emrah
EFORT13-1927	Minimally invasive tension band wiring for the treatment of olecranon fractures	Otsuka, Takanobu / Fukuta, Makoto / Takada, Naoya / Kato, Kenji
EFORT13-1992	The treatment of complex proximal humeral fractures with hemiarthroplasty in elderly patients: Functional and radiological outcomes	Polat, Atilla / Köse, Özkan / Konukoglu, Levent / Görgeç, Mücahit / Canbora, Kerem
EFORT13-2183	Partial anterior interosseous nerve palsy: isolated neuropraxia of the branch to flexor pollicis longus after a closed radius fracture.	Dimri, Ravinder
EFORT13-2201	Arthroscopy or ultrasound in undergraduate anatomy education: A randomized cross-over controlled trial	Gradl, Gertraud / Pape, Hans-Christoph / Carow, Bennet / Rüsseler, Miriam / Hoffmann, Felix / Beckers, Stefan / Ghassemi, Alireza / Sönmez, Tolga / Pufe, Thomas / Knobe, Matthias
EFORT13-2257	Prospective study about Radial Shock Waves Therapy (RSWT) for lateral epicondylitis, apropos of 15 elbows	Laronde, Pascale / Wavreille, Guillaume / Fontaine, Christian
EFORT13-2305	Our experience in the elbow stiffness treatment using arthrodiastasis with an external fixator	Vaquero, Víctor / Plasencia, Miguel Angel / Pareja, José Antonio / Valmaña, José María / Martínez, María Angeles / Jimenez, Lydia / García, Marta
EFORT13-2324	The short-term effect of acromioclavicular mobilization on shoulder rom in subacromial impingement syndrome	Isintas Arik, Meltem / Can, Filiz / Erdem, Emin Ulas
EFORT13-2413	Medium-term results of unlinked elbow arthroplasty for stiff elbows with rheumatoid arthritis	Namba, Jiro / Tsuboi, Hideki / Hirao, Makoto / Hashimoto, Jun / Yonenobu, Kazuo / Akita, Shosuke
EFORT13-2445	Copeland shoulder resurfacing arthroplasty: Mid-term results from an independent centre	Modi, Chetan / Drew, Stephen / Turner, Stephen / Hwang, Nicholas
EFORT13-2469	Results of surgical decompression of exertional compartment syndrome of the forearm in professional motorcycling racers	Vidal Tarrascón, Nuria / Lluch, Alex / Haddad, Sleiman / Llusà, Manel / Mir Bullo, Xavier / Font, Jordi / Barrera, Sergi
EFORT13-2476	The radiographic evaluation of a 2-pegged polyethylene glenoid component in shoulder replacement: Midterm-results of a multicentre study	Greiner, Stefan / Irlenbusch, Ulrich / Berth, Alexander
EFORT13-2511	Arthroscopic treatment results in stiff elbow	Tunali, Onur / Gülenç, Baris / Demirhan, Mehmet / Atalar, Ata / Salduz, Ahmet
EFORT13-2525	A multi-station shoulder joint wear simulator	Joyce, Tom / Li, Lisa / Johnson, Garth / Smith, Simon
EFORT13-2527	Scapulothoracic arthrodesis for treatment of winging scapula caused by facioscapulothoracic dystrophy	Tunali, Onur / Gülenç, Baris / Uysal, Özgür / Demirhan, Mehmet / Atalar, Ata / Salduz, Ahmet

Upper limb

NR.	TITLE	AUTHORS
EFORT13-2699	The interrelationship between upper extremity skeletal muscle mass estimated by bio-electrical impedance analysis and muscle strength	Hawkes, David / Frostick, Simon / Alizadehkhayat, Omid
EFORT13-2713	Outcome of Copeland Shoulder Resurfacing Arthroplasty	Kyriakos, Alexandros / Singer, Mohamed / Frostick, Simon / Alizadehkhayat, Omid
EFORT13-2765	Our experience in complex triad elbow	Castillo Palacios, Andrés / Castán Bellido, Lidia / Corella Abenia, Eduardo / Gómez Vallejo, Jesús / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-2770	Clinical and radiological outcomes of the arthroscopic treatment of distal clavicle fracture with a minimum follow-up of 2 years	Moreau, Pierre-Emmanuel / Massin, Philippe / Boyer, Patrick / Vu Hoang, Duc / Dallaudière, Benjamin / Loriaut, Philippe
EFORT13-2792	Treatment of distal humerus fractures by locking plates LCP DHP in the elderly	Bonnomet, Francois / Adam, Philippe / Ehlinger, Matthieu / Ducrot, Guillaume
EFORT13-2793	MRI rotatorcuff pathology in swedish junior elite tennis players	Adolfsson, Anders / Jenner, Goran / Johansson, Fredrik / De Bri, Edin
EFORT13-2802	Diagnosis of elbow fracture patterns on radiographs: Inter-observer reliability	Guitton, Thierry / Ring, David / Doornberg, Job
EFORT13-2826	The comparison of whether arthroscopic treatment of partial and total thickness rotator cuff tears as successful as subacromial impingement syndrome	Basar, Betül / Inanmaz, Mustafa / Köroglu, Hasan / Köse, Kamil / Basar, Hakan
EFORT13-2828	'Easy Double Row' repair of isolated supraspinatus ruptures. A new surgical technique with clinical results and ultrasound follow-up of 78 cases	Collin, Philippe / Lädermann, Alexandre
EFORT13-2840	Focused Aspiration of Scar Tissue (FAST) for recalcitrant lateral elbow tendonopathy	Mohan, Chandra / Howe, Tet Sen / Lee, Brian / Chia, Shi-Lu / Yang, Zixian / Morrey, Bernard / Koh, Joyce
EFORT13-2843	Longterm results post arthroscopic treatment for recalcitrant lateral epicondylitis	Shih, Juitien
EFORT13-2906	Semi-quantitative assessment for inflammation of long head of the biceps in intertubercular groove using ultrasound	Imaizumi, Hikaru / Takahashi, Norimasa / Tokai, Morihito / Tanaka, Motoki / Kawai, Nobuaki / Sugaya, Hiroyuki / Yamaguchi, Momoko
EFORT13-2924	Improvement in quality of life after arthroscopic capsular release for frozen shoulder	Ramasamy, Vijayaraj / Thompson, Simon / Patel, Vipul / Dattani, Rupen
EFORT13-2940	Employment of Synthetic Patch with Augmentation of the long head of the biceps tendon in massive lesions of the rotator cuff: our technique applied to 60 patients	Vitali, Matteo
EFORT13-2958	Internal fixation with DiPhos H plate for the treatment of the proximal humeral fractures: early clinical experience	Cavaciocchi, Michele / Guerra, Enrico / Bettelli, Graziano / Marinelli, Alessandro / Fontana, Maurizio / Rotini, Roberto / Dalla Pria, Paolo
EFORT13-3145	Proximal humeral locking plates: A retrospective study of functional outcome using the Oxford Shoulder Score	Marsland, Daniel / Senior, Colin / Mumith, Aadil
EFORT13-3161	Long-term outcomes synovectomy and debridement of rheumatoid elbow	Makarov, Sergey / Amirdjanova, Vera / Asin, Boris / Logunov, Andrey / Roskidaylo, Anastasiya
EFORT13-3201	Reverse shoulder arthroplasty: The Singapore General Hospital experience and a simple method of measuring change in the center of rotation	Lai, Kah-Weng / Lie, Denny / Chang, Paul / Ang, Chay You

Upper limb

NR.	TITLE	AUTHORS
EFORT13-3239	Effects of the conservative therapy applied before arthroscopic subacromial decompression on the clinical outcome in patients with stage 2 shoulder impingement syndrome	Tuncer, Kutsi / Köse, Mehmet / Senocak, Eyüp / Yıldız, Vahit / Topal, Murat / Aydin, Ali
EFORT13-3270	Comparison of open Bankart repair versus modified Bristow operation for the treatment of traumatic recurrent anterior dislocation and capsular laxity of shoulder	Usta, Mustafa / Topal, Murat / Karsan, Orhan / Uymur, Erdem / Tuncer, Kutsi / Aydin, Ali
EFORT13-3371	Agreement between two strength devices used in the newly modified Constant score	Ban, Ilija / Kristensen, Morten
EFORT13-3399	Venous thromboembolic complications in shoulder & elbowsurgery	Smith, Christopher / Patel, Vipul / Dattani, Rupen
EFORT13-3476	The readability of upper limb outcome scores	Barnes, Matthew / Flynn, Jennifer
EFORT13-3512	Complications following internal fixation of proximal humerus fractures using a Philos Proximal Humeral Locking Plate	Casaletto, John / Kaye, Jeremy / Holland, Philip
EFORT13-3528	Saved or repairable trochlea as criteria for salvage of the elbow joint in patients with nonunions of the distal humerus	Rashkov, Mihail / Baltov, Asen / Markov, Marcho / Enchev, Dian
EFORT13-3690	The results of treatment of the isolated greater tubercle fractures of humerus	Coskun, Tamer / Erdem, Sevki / Demirtas, Abdullah / Canbora, Mehmet / Polat, Atilla / Bombaci, Hasan / Yanik, Hakan
EFORT13-3693	Locked anterior glenohumeral dislocation and the treatment of a large Hill-Sachs lesion. A case report.	Palomo, Carlos / Martín Mata, María José / Luque, Victor / Pérez, José Ignacio / Fernández, David / Martín, Elena
EFORT13-3702	The effect of ESWT on pain level and grip strength in patients with lateral epicondylitis: 3-month follow-up	Isintas Arik, Meltem / Can, Filiz / Erdem, Emin Ulas
EFORT13-3743	Strength of Hill-Sachs allograft reconstruction: A biomechanical comparison of two screw fixation techniques	Giles, Joshua / Athwal, George / Johnson, James / Degan, Ryan / Puskas, Gabor
EFORT13-3753	Aseptic loosening rate of the humeral stem in the Coonrad-Morrey total elbow arthroplasty. Does size matter?	Morrey, Bernard / Sánchez Sotelo, Joaquin / Puskas, Gabor
EFORT13-3797	The influence of rotator cuff pathology on functional outcome in total shoulder replacement	McCann, Philip / Sarangi, Partha / Tasker, Andrew / Ahearn, Nathanael
EFORT13-3814	Fixation of the major tubercle in proximal humeral fractures- Fiber-Wire or cerclage wire?	Mohr, Juliane / Bücking, Benjamin / Hauk, Carsten / Franz, Daniel / Zettl, Ralph / Ruchholtz, Steffen / Bockmann, Benjamin
EFORT13-3848	Arthroscopic reduction and fixation with percutaneous cannulated screw for Ideberg type III glenoid fractures: Report of three cases	Sola, Alejandro / Aso, Alberto / Herrera, Antonio / Garrido, Isaías
EFORT13-3932	Non-unions of the humeral head. A surgical protocol	Solemnou Soler, Xavier / Huguet Boqueras, Jordi / Yuguero, Mariano / Torner Pifarré, Pere / Valls-Mellado, Marc
EFORT13-3959	Is there a correlation between glenohumeral iatrogenic stiffness and sternoclavicular joint instability?	Verderosa, Vincenzo / Marcialis, Valentina / Pisanu, Francesco / Santandrea, Alessandro
EFORT13-3976	Modular radial head arthroplasty in comminuted radial head fractures	Avila, Arturo / Navarro, Evelio / Fekete, Andras / Blanco, Eduardo / Rodríguez-Chacón, Luis

Upper limb

NR.	TITLE	AUTHORS
EFORT13-4017	Comparative study of hemiarthroplasty and internal fixation for three part proximal humeral fractures in elderly patients	Papadopoulos, Anestis / Eftychiakos, Nikolaos / Saloupis, Panagiotis / Paraskevopoulos, Georgios / Gkikas, Georgios / Tsakonas, Nikolaos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4134	Measurement of exact glenoid bone defect in anterior shoulder instability patients	Ozbaydar, Mehmet / Tonbul, Murat / Senaran, Hakan / Aydin, Kerem / Acar, Mehmet / Altan, Egemen
EFORT13-4158	Arthroscopic facia lata patch graft procedure for irreparable massive rotator cuff tear with modified Mason-Allen technique	Sato, Katsumi / Himori, Ko / Tanaka, Minoru
EFORT13-4207	Dynamic loosening evaluation of prosthetic glenoids	La Barbara, John / Sander, Jeffery / Scholl, Laura / Schmidig, Gregg / Thakore, Mayur
EFORT13-4223	Clinical results after early surgical repair of the medial collateral ligament or the lateral collateral ligament or combined repair in posttraumatic elbow instability	Dehlinger, Friedrich / Hollinger, Boris / Franke, Stephanie
EFORT13-4408	Five-year experience with the reverse shoulder replacement Lima SMR	Sosna, Antonin / Fulin, Petr / Jahoda, David / Pokorný, David
EFORT13-4531	Diagnostic value of clinical tests for subscapularis tendon tears	Däxle, Manuel / Cakir, Balkan / Reichel, Heiko / Kappe, Thomas
EFORT13-4555	Improving the consent process for shoulder replacement using internet based videos	Thyagarajan, David / Sechrest, Randle / Wallace, Angus / Rushton, Paul
EFORT13-4567	Early outcomes of scapular dyskinesis and scapular positioning in patients undergoing rotator cuff repair	Citaker, Seyit / Kafa, Nihan / Kanatli, Ulunay / Bölükbaşı, Selçuk / Çelik, Bülent / Basar, Selda
EFORT13-4604	Free vascularized fibular autograft as a treatment for large forearm bone defects	Lluch Bergada, Alex / Vidal Tarrascón, Nuria / Llusà, Manel / Mir Bullo, Xavier / Amat Mateu, Carles / Hernández Martínez, Alejandro / Haddad, Sleiman / Esteban, Ignacio
EFORT13-4611	Results in capitellum fractures treated by open reduction and internal fixation	Castillo Palacios, Andrés / Torres Campos, Antonio / Castán Bellido, Lidia / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-4667	Intermediate to long term survival of the Delta III and Delta Xtend reverse shoulder arthroplasty: 3-12 year results	Hexel, Michael / Wurnig, Christian / Pokorny-Olsen, Alexandra
EFORT13-4751	Shoulder MR arthrography: How often is it really justified?	Velkes, Steven / Glaser, Ernesto / Levy, Jacob / Shemesh, Shai / Kosashvili, Yona / Yaari, Lee / Sidon, Eliezer
EFORT13-4792	Results of O-K Morrey debridement arthroplasty for osteoarthritis of the elbow	Boesch, Michael / Boesch, Martina / Tolat, Amit / Mohanlal, Paraskumar
EFORT13-4826	Controversial treatment of proximal humerus fractures in older adults	Blanco, Nieves / Rodríguez, Luis / Lambán, Noemi / López Baisson, Alfonso / Castán Bellido, Lidia
EFORT13-4951	Anatomy of the humeral insertion of the supraspinatus: A possible explanation of the degenerative changes	Hoffmeyer, Pierre / Gagey, Olivier / Abrassart, Sophie
EFORT13-4974	Tension band wiring for medial & lateral columns in internal fixation of low supra-condylar distal humeral fractures in adults	Quolquela, Muhammad
EFORT13-5007	Arthroscopic reduction-stabilization of greater tuberosity fractures: A case series	Ballas, Efstathios / Moschonas, Spiridon / Stavropoulos, Nikolaos / Tsikouris, Dimitrios / Tsikouris, George / Karamanis, Eirinaios
EFORT13-5057	The role of the arthroscopic suprascapular nerve release in elite overhead athletes with shoulder pathology	Moschonas, Spiridon / Tsikouris, Dimitrios / Plessas, Spiridon / Tsikouris, George / Karamanis, Eirinaios

Upper limb

NR.	TITLE	AUTHORS
EFORT13-5095	The effect of subscapularis tenotomy on internal rotation strength after open capsulorrhaphy for recurrent anterior shoulder dislocation	De Carli, Angelo / Vadalà, Antonio / Fabbri, Mattia / Ciompi, Alessandro / Lanzetti, Riccardo / Ferretti, Andrea / Iorio, Carlo
EFORT13-5171	Trauma or tumor: Giant Cell Tumor (GCT) of distal biceps tendon, an unusual cause of elbow pain: A case report	Matthews, Timmothy / Fawi, Hassan
EFORT13-5237	The TightRopeTM system in Rockwood III acromioclavicular joint luxation: A radiographic follow up	Dienstknecht, Thomas / Pishnamaz, Miguel / Kobbe, Philipp / Pape, Hans-Christoph / Weber, Christian / Horst, Klemens
EFORT13-5336	Mechanical distraction for the treatment of posttraumatic stiffness of the elbow in 100 adult patients: Long- term follow-up in a unique prospective cohort	Pennig, Dietmar / Mader, Konrad
EFORT13-5382	Platelet Rich Plasma (PRP) for the treatment of lateral elbow epicondylitis: Prospective analysis of 40 cases	Unyó Sallent, Carme / Abad Marsal, Ester / Soler Romagosa, Francesc / Sales Ortega, Josep / Casanova Canals, Xavier
EFORT13-5497	Early results of primary elbow hemiarthroplasty for distal humerus fractures in elderly patients	Srinivasan, Suresh / Banerjee, Samik / Patel, Vipul / Little, Nick / Ramasamy, Vijayaraj
EFORT13-5531	Is the Minimally Invasive Plate Osteosynthesis (MIPO) by anterior approach the optimal choice in distal humeral shaft fractures ?	Petreus, Tudor / Asaftei, Razvan / Puha, Bogdan Florin / Berea, Grigore / Botez, Paul / Sirbu, Paul Dan
EFORT13-5635	Post operative analgesia and patients satisfaction following shoulder surgery: A review of current practice	Donaldson, O. / Goel, V. / Pritchard, M. / Hoddinott, C. / Narendra, Rath
EFORT13-5638	Analgesic provision for patients undergoing day case arthroscopic shoulder surgery in a district general hospital	Cheng, Kenneth / Wallace, David / Bailey, Oliver / Winter, Alison / Hayward, Annabel
EFORT13-5642	Shoulder hemi-resurfacing arthroplasty: Outcome study of 55 consecutive patients	Kailash, Kailash / Mahalingam, Senthilkumar / Haines, John / Raza, Ali
EFORT13-5811	The incidence and fate of ulnar nerve injury, in elbow dislocations and fracture dislocations. Does this parameter compromise the overall results?	Alexandris, Athanasios / Kormpakis, John / Triantis, Petros / Andritsos, George / Ntinopoulos, Charalampos
EFORT13-5831	Long-term results of radial head excision in isolated radial head fracture – 10 years of follow-up	Miranda, António / Neto, Artur / Leal, Fernando / Resende, Vera / Frada, Ricardo
EFORT13-5881	Fixation of the medial epicondyle fracture – Positioning the patient	Hunter, James / Ubayasiri, Nicola
EFORT13-5915	Locking intramedullary nails and locking plates in the treatment of 3- and 4- part proximal humeral fractures: A randomized trial	Ciais, Grégoire / Thomazeau, Hervé / Mylle, Guy / Massin, Philippe / Hutten, Denis / Boyer, Patrick
EFORT13-5954	A new Global Ratings Scale for assessing performance on a Virtual Reality shoulder arthroscopy simulator	Cobb, Justin / Gupte, Chim / Bayona, Sofia / Bello, Fernando / Emery, Roger / Akhtar, Kash
EFORT13-5967	Fixation of distal clavical fractures: A comparison of hook versus locking plate fixation	Babatolu, Hadiza / Hartley, Richard / Bailey, Lucy
EFORT13-6005	Total elbow arthroplasty in comminuted distal humeral fractures in elderly osteoporotic patients	Chatterjee, Buddhadeb

Spine

NR.	TITLE	AUTHORS
Spine (incl. trauma)		
EFORT13-1144	Unusual complication of lumbar spine surgery: Pneumoencephalus	Herrera Pérez, Mario / Cortés García, Pedro / Deniz Rodríguez, Bernabé / Andarcia Bañuelos, César
EFORT13-1159	Which cement amount is necessary for a stable height restoration with the new radiofrequency kyphoplasty in vertebral compression fractures?	Delank, Karl / Röllinghoff, Marc
EFORT13-1182	Influence of number of reoperations and reoperation cause on the post-revision patient results	Eysel, Peer / Röder, Christoph / Aghayev, Emin / Sobottke, Rolf
EFORT13-1189	Suspected spondylodiscitis and the value of 18F- FDG PET/CT imaging in the diagnostic work up	Seifen, Tanja / Rettenbacher, Lukas / Holzmannhofer, Joerg / McCoy, Marc / Pirich, Christian / Thaler, Christoph
EFORT13-1204	C-1 laminoplasty for cervical myelopathy associated with chronic atlanto-axial subluxation	Murakami, Koji / Baba, Shoji / Ikuta, Ko
EFORT13-1238	Enbloc Resection of Primary Osteosarcoma of the Cervical Spine: a case report	Zacherl, Max / Friesenbichler, Jörg / Sadoghi, Patrick / Schröttner, Heribert / Leithner, Andreas / Weger, Christian
EFORT13-1382	Risk factors for heterotopic ossification in patients with spinal cord injury: A case-control study of 264 patients	Bertling, Maren / Meindl, Renate / Schildhauer, Thomas / Suero, Eduardo / Citak, Mustafa / Godry, Holger
EFORT13-1404	Effect of the position of a dynamic interspinous implant on the biomechanics	Lehner, Stefan
EFORT13-1456	Is Pffirman classification predictive of results after lumbar disc herniation surgery?	Marull Serra, Lluís / Muñoz Gómez, Juan José / Froufe Siota, Miguel Angel / Masvidal Sanz, Didac
EFORT13-1505	Efficacy of preservation of the semispinalis cervicis attaching to the C2 spinous process and the C2-3 complex in cervical laminoplasty	Ikuta, Ko / Baba, Shoji / Murakami, Koji
EFORT13-1704	A comparison of patient satisfaction following administration of spinal injections by a Consultant Orthopaedic Spinal Surgeon and Advanced Spinal Practitioners. Is there a significant difference in patient experience and outcome?	Mustaq, Jad / Muralikuttan, K. P. / Khan, Yasmeen / Jones, Alice
EFORT13-1850	Percutaneous pedicle screw fixation for stabilisation of neuromuscular scoliosis: A feasibility study	Kruyt, Moyo / van Gaalen, Steven / Kersten, Roel / Öner, F.
EFORT13-1890	Cauda equina syndrome. Results of early treatment	Marull Serra, Lluís / Vañó, Anna
EFORT13-1922	Case series on gait analysis in patients with lumbar back and radicular pain before and after spinal surgery	Lam, Khai Sing / Shortland, Adam / Yeoh, Clarence
EFORT13-1961	Outcomes after instrumented posterolateral spine surgery complicated by deep wound infection. Analysis of variables and fusion rates	Ortega, José Antonio / Rodríguez-Solera, José Miguel / Cerván, Ana María / Guerado Parra, Enrique / Andrés, Pablo
EFORT13-1968	Expression of vitamin D receptor (VDR) responsive genes in paravertebral muscles of juvenile and adolescent idiopathic scoliosis	Szota, Justyna / Mazurek, Urszula / Bozek, Marek / Nowak, Roman / Wrotniak, Maciej
EFORT13-1990	Systematic review of the global spine surgery database landscape	Ihara, Zenichi / Vertuani, Simona / Gannedahl, Mia / Miltenburger, Carolin
EFORT13-2170	Cost-effectiveness of Balloon Kyphoplasty versus conservative treatment in patients with symptomatic vertebral compression fractures	Nikolopoulos, Dimitrios / Tsilikas, Stauros / Margariti, Rodanthi / Safos, George / Papagiannopoulos, George / Sergides, Neoptolemos



Winner of the Jacques Duparc Award

Spine

NR.	TITLE	AUTHORS
EFORT13-2222	Outcome of two-level cervical corpectomy and fusion using meshed cages and plates in elderly patients	Kozyrev, Stanislav / Kozyrev, Oleksandr / Barysh, Oleksandr / Korzh, Mykola
EFORT13-2278	En bloc open door laminoplasty for lumbar spinal canal tumors: Analysis of 7cases	Ikenoue, Sumio / Takase, Kan / Hashimoto, Eiko / Mimura, Masaya / Shimbo, Jun / Enomoto, Takahiro / Sameda, Hiroaki
EFORT13-2325	Surgery for the L ^{2/3} lateral lumbar disc herniation with L2 radiculopathy	Nishimura, Yukimasa
EFORT13-2362	Spinal cord concussion: A study of twenty-four patients	Kryl, Jan / Vyskocil, Tomáš / Nesnidal, Petr / Stulik, Jan / Barna, Michal
EFORT13-2582	Misdiagnosed C6/C7 dislocation with minimal neurologic deficit	Lesic, Aleksandar / Bumbasirevic, Marko / Zagorac, Slavisa
EFORT13-2622	The effects of minimally invasive transforaminal lumbar interbody fusion based on Cloward concept to the back muscle	Murata, Hideaki / Muramatsu, Koichi / Tanaka, Kenichiro / Watanabe, Hiroki / Kato, Makoto / Kondo, Mikihiro / Hachiya, Yudo
EFORT13-2651	Prospective, multi-center observational study of radiofrequency kyphoplasty, a novel vertebral augmentation system	Bayer-Helms, H. / Böwe, C. / Hartwig, E. / Höhn, W. / Jerosch, J. / Jöllenbeck, B. / Maestretti, G. / Vogler, W. / Röllinghoff, Marc / Kurth, Andreas
EFORT13-2661	Treatment of malignant spine lesions using a targeted radiofrequency ablation and subsequent controlled radiofrequency kyphoplasty – A novel device	Georgy, Bassem / Coldwell, Douglas / Brook, Allan / Jennings, Jack / Proschek, Dirk / Kafchitsas, Konstantinos / Kurth, Andreas
EFORT13-2707	O-arm 3D navigation in difficult cases in spine surgery	Corchado, Carolina / Martin, José / Pescador, Daniel / MiRamóntes, Pablo / Ollero, Lourdes / Blanco, Juan / Borrego, David / Borobio, German / De Cabo, Alfonso / Cano, Carlos / Rendon, Diego / Pescador, David
EFORT13-2733	A study of the RIB-vertebra angle in patients with idiopathic scoliosis undergoing surgical correction with segmental pedicle screw systems	Soultanis, Konstantinos / Stavropoulos, Nikolaos / Papagelopoulos, Panagiotis / Grivas, Theodoros / Starantzis, Konstantinos
EFORT13-2767	Catheter infection as a risk factor of spondylodiscitis in patients on maintenance hemodialysis	Rodríguez-Solera, José Miguel / Ortega, José Antonio / Guerado Parra, Enrique / Cerván, Ana María
EFORT13-2873	Multidisciplinary rehabilitation in chronic lumbar pain : Long-term effect on work status	Norberg, Iohn / Norberg, Michael
EFORT13-2897	Surgical outcome of anterior reconstruction surgery with VATS for thoracolumbar burst fractures	Takeuchi, Kazuhiro / Nakahara, Shinnosuke / Satou, Toru / Shiota, Naofumi / Yoshida, Masahiro / Yamada, Kazuki
EFORT13-2911	Morbidity of scoliosis in Kazakhstan	Anashev, Talgat
EFORT13-2936	Evaluation of the intervertebral disc in type A thoracolumbar fractures	Mercy, Guillaume / Pascal-Moussellard, Hugues / Catonne, Yves / Loriaut, Philippe
EFORT13-2986	Accuracy of pedicle screw insertion: A prospective study by using cannulated and not cannulated transpedicular screws	Gamez Moreno, Davinia / Delgado, Jorge Alexander / Fuentes Salguero, Luis / Ruiz Arranz, José Luis
EFORT13-2999	Do we know our nerve roots?	Mahadevan, Devendra / Eastley, Nicholas / Braybrooke, Jason / Bryson, David
EFORT13-3030	The efficacy of prophylactic vertebroplasty for adjacent vertebral body after percutaneous vertebroplasty of osteoporotic compression fracture	Heo, Youn-Moo / Lim, Jae-Woo / Oh, Hyeong-Tak / Kim, Doo-Hyun / Kim, Sang-Bum

Spine

NR.	TITLE	AUTHORS
EFORT13-3094	Recapping T-saw laminoplasty for intradural extramedullary spinal cord tumor	Ikuta, Ko / Murakami, Koji / Baba, Shoji
EFORT13-3169	Cost-effective analysis of anterior cervical fusion with a porous tantalum implant	Fernández Fairen, Mariano / Hernández Vaquero, Daniel / Murcia, Antonio / Menzie, Ann / Torres, Ana
EFORT13-3187	The effect of high heel on spinal sagittal alignment	Kim, Sang-Bum / Lim, Jae-Woo / Hong, Chang-Hwa
EFORT13-3290	Low back pain amongst the Greek general population. An analysis according to physical and sociodemographic characteristics	Koutsogiannis, Constantinos / Fousekis, Konstantinos / Giftois, George / Gliatis, John / Lampropoulou, Sofia / Oldham, Jacqueline / Tsepis, Elias / Billis, Evdokia
EFORT13-3308	Low back pain amongst the general population in Greece: Quality of life, disability and psychosocial profile	Fousekis, Konstantinos / Koutsogiannis, Constantinos / Moutzouri, Maria / Matzaroglou, Charalampos / Papandreou, Maria / McCarthy, Christopher / Tsepis, Elias / Billis, Evdokia
EFORT13-3332	Bracing for spinal deformity in children affected by osteogenesis imperfecta	Fraschini, Paolo / Teli, Marco
EFORT13-3362	Long result in sagittal plane evolution in thoracolumbar spine fractures without neurologic deficit treated through arthrodesis and posterior instrumentation alone	Miranda, M. T. / Lorente, A. / Montero, I. / Rojas, C. / Fernández, M. A. / Muñoz-Ledesma, J. L. / Bernáldez, María José / Lorente, Rafael
EFORT13-3529	The outcome from epidural injection as a predictor for success from surgical intervention in the treatment of lumbar spine stenosis	Santhapuri, Sunil / Anjarwalla, Naffis / Chan, Oliver
EFORT13-3530	Long term results in patients suffering from adolescence idiopathic scoliosis treated with a partially wearing modified Boston brace	Potoupnis, Michael / Pellios, Stavros / Papavasiliou, Kyriakos / Kapetanou, Artemis / Kenanidis, Eustathios / Kapetanios, Georgios
EFORT13-3644	T6-T7 thoracic fracture dislocation in a young men	Ramírez Villaseca, José / Pardo Coello, María del Mar / Blanco Parreño, Alfonso / Barceló, José Manuel / González Pérez, Angel David / Ruiz Picazo, David
EFORT13-3717	Outcome of anterior decompression and stabilization with cage & bone graft in caries spine: An experience of 850 cases at Ghurki Hospital	Aziz, Amer
EFORT13-3871	Variability in selective nerve root block technique for lumbosacral radiculopathy	Newey, Martyn / Spiteri, Veronique / Eastley, Nicholas
EFORT13-3877	Our results in surgical treatment of adolescent idiopathic scoliosis	Aydin, Serkan / Tüzüner, Mert / Özerdemoglu, Remzi / Aslan, Ahmet
EFORT13-3894	Does the chronicity of leg pain affect the outcome from selective nerve root blocks?	James, Stuart / Brooks, Francis
EFORT13-3908	Infection of a spondylolytic vertebra in a child	Rodríguez Montserrat, David / Ubierna Garcés, María Teresa / Iborra, Miquel / Cavanilles, José María / Bernal Vargas, Juan
EFORT13-3917	Pelvic incidence and lumbar spine instability correlations in patients with chronic low back pain	Golbakhsh, Mohammadreza / Attar, Majid / Hassanmirzaei, Bahar
EFORT13-3967	A previously undescribed failure of the VEPTR device	Sian, Parmjit / Gardner, Adrian / Spilsbury, Jonathan / Marks, David / Smith, Gemma
EFORT13-4003	Primary solitary amyloidoma of the sacrum	Benneker, Lorin / Keel, Marius / Banz, Yara / Klenke, Frank / Wirtz, Christian

Spine

NR.	TITLE	AUTHORS
EFORT13-4004	Percutaneous Balloon Kyphoplasty for treatment of osteoporotic vertebral fractures. Our experience	Eftychiakos, Nikolaos / Saloupis, Panagiotis / Chatzipetrou, Thomas / Papadopoulos, Anestis / Christakis, Nikolaos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4393	Quantitive measurement of rats myofascial low back pain using CatWalk gait analysis system	Ohtori, Seiji / Miyagi, Masayuki / Ishikawa, Tetsuhiro / Kamoda, Hiroto / Eguchi, Yawara / Suzuki, Miyako / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takaso, Masashi / Takahashi, Kazuhisa / Inoue, Gen
EFORT13-4443	Vertebroplasty – high viscosity cement versus low viscosity cement	Biuk, Egon / Zelic, Zoran / Jovanovic, Savo / Spigel, Djusika / Zulj, Boris / Rapan, Saša
EFORT13-4464	An unhappy triad of spine: Association of scoliosis, astrocytoma and syringomyelia in a 12 years old girl	Erdem, Mehmet / Sever, Cem / Malkoc, Melih / Tezer, Mehmet / Cift, Hakan
EFORT13-4479	Is yoga an effective treatment in the management of patients with chronic low back pain compared with other care modalities?	Marks, Avi / Hill, Christopher
EFORT13-4561	Investigation of radiation exposure to the patients during MIS- PLIF	Aihara, Takato / Ouchi, Juntarou / Hatakeyama, Kenji
EFORT13-4614	Topographical relationship aorta – Dorsal spine	Brotat Rodríguez, María / Noriega González, David César / Plata García, María / García Flórez, Luis / Toribio Calvo, Borja / García Medrano, Belén
EFORT13-4744	Radiation exposure in scoliosis surgery – Is it a concern?	Crawford, John / McArthur, Nicholas
EFORT13-4997	Study of sagittal balance during growth	Jouve, Jean-Luc / Bollini, Gérard / Peltier, Emilie
EFORT13-5012	Copenhagen syndrome: A radiological and functional review	Gibson, Alexander / Iliadis, Alexios / Mansouri, Reza
EFORT13-5096	Activ C cervical disc replacement for myelopathy	Cadman, Susan / Chitgopkar, Shashank / Canavan, Lisa / O'Malley, Michael / Shackelford, Ian / McGonagle, Lorcan
EFORT13-5122	A study on low back pain in young athletes and their examination findings	Aihara, Takato / Ouchi, Juntarou / Urushibara, Makoto / Hatakeyama, Kenji
EFORT13-5163	Risk factors for L5/S1 intervertebral disc height narrowing after lumbar intertransverse floating fusion surgery	Ohtori, Seiji / Kamoda, Hiroto / Ishikawa, Tetsuhiro / Miyagi, Masayuki / Suzuki, Miyako / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takaso, Masashi / Takahashi, Kazuhisa / Inoue, Gen
EFORT13-5181	Kümmell's disease : Avascular osteonecrosis of vertebral body leading to a delayed vertebral compression fracture and pseudarthrosis	Kafchitsas, Konstantinos / Habermann, Bjoern / Panagiotopoulos, Elias / Samoladas, Efthimios / Georgiou, Christos / Matzaroglou, Charalampos
EFORT13-5259	Bilateral laminotomy through unilateral approach for the treatment of degenerative lumbar spinal stenosis – A prospective study	Varanda, Pedro / Cibrão-Coutinho, Paulo / Silva, Luis / Rodrigues, Luis / da Silva, Manuel / Frada, Tiago
EFORT13-5505	Rare case of sacral intraosseous lipohaemangioma: A case report	Lakshmanan, Palaniappan / Raza, Ali / Islam, Mueedul
EFORT13-5527	Degenerative spondylolisthesis: A 5- to 10-year follow-up of prospective cohort study of 79 patients treated by minimally invasive posterior lumbar interbody fusion using hollow modular anchorage screws and pedicle screw fixation	Shepperd, J. / Fawzy, E. / Müller, M. / Lyle, Shirley

Spine

NR.	TITLE	AUTHORS
EFORT13-5641	Does transforaminal epidural steroid injections provide pain relief and improve quality of life in the patients suffering from low back pain with radiculopathy? An evidence based question	Srinivasan, Sriramharish
EFORT13-5672	Enterococcus faecalis as a cause of spondylodiscitis	Plata García, María / Cortés Villar, Jesús Manuel / García Flórez, Luis / Brotat Rodríguez, María / García Medrano, Belén / Díaz Díaz, Juan / Martínez Ibeas, Marina
EFORT13-5718	Predictability of the curve in idiopathic scoliosis: Progression related to genes?	Pernstich, Sabrina / Krepler, Petra / Grohs, Josef
EFORT13-5798	How safe is minimally invasive spine surgery for the surgeon? A prospective In Vivo radiation exposure study	Aichmair, Alexander / Zeldin, Roseann / Schneider, Robert / Holodny, Ed / Lebl, Darren / Hughes, Alexander / Sama, Andrew / Fantini, Gary / Nguyen, Joseph / Cammisa, Frank / Girardi, Federico / Taher, Fadi
EFORT13-5870	Multilevel Anterior Cervical Vertebrectomy with instrumentation: Results from a single centre	Dabasias, Hitesh / Harvey, Jason / Marsland, Daniel / Glaysier, James / Jennings, Cara / Ramakrishna, Sushmith
EFORT13-5895	Osteoradionecrosis of the upper cervical spine mimicking metastasis and a new technique of upper cervical spine biopsy: A case report	Lakshmanan, Palaniappan / Raza, Ali
EFORT13-5961	Clinical outcome of Balloon Kyphoplasty in the treatment of vertebral fractures	Fagan, Daniel / Raza, Ali
EFORT13-5994	Neck pain and stroke: Should it be ignored? Beware of neck pain in suspected stroke! Cervical epidural abscess mimicking as stroke. Report of two cases	Gakhar, Harinder / Bommireddy, Rajendranadh / Sigamoney, Kohila

Lower limb

NR.	TITLE	AUTHORS
Foot/ankle/leg		
EFORT13-1083	Effect of platelet-rich plasma on a novel surgical treatment for cartilage reconstruction in the ankle joint: A prospective randomized study	Süzer, Ferzan / Thermann, Hajo
EFORT13-1097	Anti-personnel mine injuries: Experience from a thirty year conflict	Chan, Francis / Pinto, Narendra / Weerasuriya, Thisara
EFORT13-1143	Clinical results in tibiotalar arthrodesis: A comparative study of historical cohort	Herrera Pérez, Mario / Andarcia Bañuelos, Cesar
EFORT13-1162	A modified one-stage technique for the treatment of brachymetatarsia	Yeoman, Thomas / Roberts, Sam / Pillai, Anand / Brown, Michael
EFORT13-1244	peroneal palsy as a complication of developmental hip dysplasia surgery	Topal, Murat / Köse, Mehmet / Ipteç, Murat / Aydın, Ali
EFORT13-1268	Biomechanical properties of bioresorbable F-u-HA/PLLA screws in a medial malleolar fracture model – Comparison with wire fixation	Otsuka, Takanobu / Fukuta, Makoto / Takada, Naoya
EFORT13-1295	Pre and postoperative analysis of force reactions of the foot in hallux valgus surgery	Budica, Cristian / Petcu, Daniel / Panait, Gheorghe / Cristea, Stefan / Groseanu, Florin

Lower limb

NR.	TITLE	AUTHORS
EFORT13-1541	A Multi-segment model study to evaluate the sagittal plane blockade in patients with Functional Hallux Limitus (FHL): Results after endoscopic tenolysis of the Flexor Hallucis Longus at the retrotalar pulley.	Diehl, Stefan / Boulos, Kareem / Aminian, Kamiar / Rouhani, Hossein / Vallotton, Jaques / Tzioupis, Chris
EFORT13-1593	Five year results with a new bioreplaceable implant for MTP joints (RegJoint)	Hassel, Kathryn / Mai, Burkhard / Mai, Sabine
EFORT13-1748	CR-EQUIPEMENTS™ SACH Foot versus Otto BOCK™ SACH Foot – A prospective double blind study assessing patient's satisfaction	Carmona, Gorki / Sagawa, Yoshi / Lenoir, Jean / Armand, Stephane / Turcot, Katia / Lacraz, Alain
EFORT13-1856	The importance of angle of fracture and the effects of results of the fixation methods in the treatment of isolated fractures of medial malleols	Polat, Atilla / Canbora, Mehmet / Demiroz, Serdar / Erdem,Sevki / Yanik, Hakan
EFORT13-1904	Subtalar arthrodesis with interposition of allograft bone for arthritic rigid pes plano-valgus	Castaman, Enrico / Borici, Neritan
EFORT13-1980	Side to side tenorrhaphy. Biomechanical evaluation for common suture configurations	Ortiz, Cristian / Wagner, Pablo / Guzman, Rodrigo / Mococain, Pablo / Ahumada, Ximena / Olid, Arturo / Arellano, Sergio / Wagner, Emilio
EFORT13-2091	A comparison of platelet-rich plasma and steroid injection in the treatment of plantar fasciitis	Gürler, Deniz / Inkaya, Erkan / Bülbül, Murat / Say, Ferhat
EFORT13-2277	Biofilm formation on percutaneous Kirschner wires – Influence of material properties on recurrence rates after correction of foot deformities	Gersbach, Silke / Graf, Susanne / Ilchmann, Thomas / Hintermann, Beat / Knupp, Markus / Clauss, Martin
EFORT13-2599	Brachymetatarsia – lengthening with mini external fixator and percutaneous osteotomy: Case report	Marinheiro, Júlio / Ferreira, Nuno / Martins, Rui / Martins, Sandra
EFORT13-2832	Arthroscopic triple fusion performed via a lateral two portal technique. A cadaveric study to evaluate safety and efficacy	Amirfeyz, Rouin / McKenzie, Jamie / Gosling, Oliver / Winson, Ian / Hughes, Adrian
EFORT13-2869	Comparison between preoperative magnetic resonance imaging and arthroscopic findings in osteochondral lesion of the talus	Tsuchiya, Akihiro / Kanisawa, Izumi / Takahashi, Kenji / Akada, Takanori
EFORT13-3068	The practice of unnecessary X-rays in elective practice – hindfoot and ankle arthrodesis	Allen, Patricia / Ghosh, Arijit
EFORT13-3088	Minimally invasive Achilles tendon repair (a novel technique)	Özsoy, Mehmet / Özsoy, Arzu / Yücel, Mehmet / Dinçel, Veysel / Aydogan, Nevres / Cengiz, Bertan / Aksekili, Mehmet Atif Erol
EFORT13-3125	The use of Iliac crest vs DBX grafting in foot and ankle patients	Molloy, Andrew / Selvan, David
EFORT13-3192	Miniinvasive percutaneous Achilles suture gives very low complication rate in a big study group	Burnev, Martin / Raykov, Dimitar
EFORT13-3224	Macro dystrophia lipomatosa: A rare bilateral case diagnosed in adulthood	Livingstone, Julian / Ray, Pinak / Gillott, Elizabeth
EFORT13-3232	Lateral instability of the ankle and posterior ankle impingement syndrome: A report of 9 patients	Aikawa, Jun / Iwase, Dai / Minatani, Atsushi / Naruse, Koji / Urabe, Ken / Uchida, Kentaro / Kenmoku, Tomonori / Inoue, Gen / Watanabe, Eichiro / Takaso, Masashi / Sekiguchi, Hiroyuki / Takano, Shotaro / Yoshihira, Tetsuo / Higashiyama, Reiji
EFORT13-3304	Distal tibiofibular diastasis treatment with ANK nailing; clinical outcomes at ten years	Tuzuner, Tolga / Kara, Ayhan / Gurbuz, Hakan / Kahraman, Sinan / Ceylan, Hasan

Lower limb

NR.	TITLE	AUTHORS
EFORT13-3310	Bone Marrow-Derived Cells transplantation in orthopedic diseases: what's clinically real?	Buda, Roberto / Donati, Davide Maria / Cavallo, Marco / Parma, Alessandro / Vannini, Francesca / Frisoni, Tommaso / Cevolani, Luca / Giannini, Sandro / Ruffilli, Alberto
EFORT13-3446	Incidence of steroid-associated osteonecrosis of the talus: A prospective MRI study	Nakamura, Junichi / Kishida, Shunji / Takahashi, Kazuhisa / Shigemura, Tomonori
EFORT13-3554	The use of prophylactic antibiotics in forefoot surgery	Guduri, Venugopal / Dennehy, Tracey / Trevett, Mike / Gandhi, Maulik
EFORT13-3635	Biomechanical study comparing unreamed and reamed intramedullary nailing in distal tibia fractures – Are there advantages by angular stable interlocking?	Hoffmann, Stefanie / Bühren, Volker / Augat, Peter / Högel, Florian
EFORT13-3673	Suture fixation of Akin osteotomy: Results of a prospective study of 125 patients	Malik, Ahmad / Nattfogel, Emma / Mann, Bhupinder / Charalambides, Charalambos / Saad, Ali
EFORT13-3712	Prospective computed-tomography analysis of osteochondral defects following ankle fracture	Beerekamp, Suzan / Maas, Mario / Luitse, Jan / Van Dijk, Niek / Goslings, J. Carel / Nosewicz, Tomasz
EFORT13-3840	Multidisciplinary approach to diabetic foot ulcers: A 10 year audit trail	Paisey, Richard / Davis, James / Fine, Nicola
EFORT13-3904	Thromboprophylaxis in patients with lower limb casts; implications of NICE guidelines	Roland, Walker / Nzeako, Obi
EFORT13-3933	The early functional outcome of Mau osteotomy for the correction of moderate-severe Hallux Valgus	Tillu, Abhay / Ahmed, Usman / Malik, Shahbaz / Thangarajah, Tanujan
EFORT13-4045	How to manage complex pilon fractures with posterior or anterior fragment; a two-choice strategy	Touloupakis, Georgios / Sodano, Luca / Attala, Dario / Gurzi, Michele Dario / Di Giorgio, Luigi / Theodorakis, Emmanouil
EFORT13-4066	First metatarsophalangeal joint (MTPJ) replacement using a ceramic implant: A long term clinical outcome study	Walker, Christopher / Sirikonda, Siva / Nagy, Mathias
EFORT13-4075	Endoscopic procedure of partial release and synovectomy for plantar fasciitis	Ishii, Yoshinori / Takeda, Mitsuhiro / Sato, Junko / Noguchi, Hideo
EFORT13-4084	Simultaneous two lesions in ankle: Pigmented villonodular synovitis and subperiosteal osteoid osteoma in talar neck – A case report	Armagan, Raffi / Sezer, Hasan Basri / Eren, Tugrul / Seker, Ali
EFORT13-4280	Intraoperative imaging in Hallux Valgus surgery	Molloy, Andrew / Holland, Philip
EFORT13-4367	Correlation of quality of life (SF-36) with "classic" parameters (AOFAS and X-ray) after hallux valgus surgery	Sánchez, Juan / Guirro Castellnou, Pau / Piñol Jurado, Ignasi / Rigol, Pau / Puig, Lluís / Zabala, Santiago / Gines-Cespedosa, Alberto
EFORT13-4463	Treatment of neglected Achilles tendon ruptures with gastrocnemius flaps: Long-term follow up results	Armagan, Raffi / Kara, Adnan / Oc, Yunus / Varol, Ali / Ozturk, Irfan / Sezer, Hasan Basri / Seker, Ali
EFORT13-4556	Haemostasis with TachoSil during surgery of chronic leg and foot ulcers in patients under anticoagulant therapy	Gruber, Gerald / Glehr, Mathias / Mischinger, Hans-Jörg / Bernhardt, Gerwin
EFORT13-4578	Functional evaluation of three different surgical solutions for ankle arthrosis: Arthrodesis, total ankle replacement and osteochondral allograft transplantation. Five years follow up	Berti, Lisa / Mancini, Lara / Leardini, Alberto / Giannini, Sandro / Cenni, Francesco / Belvedere, Claudio / Lullini, Giada
EFORT13-4852	A study into the quality of internet resources for Hallux Valgus	Ghosh, Arijit

Lower limb

NR.	TITLE	AUTHORS
EFORT13-4936	Calcaneus varus as a complication of tibiototalcalcaneal nailing arthrodesis in early destructive diabetic neuropathy	Morro, Rosa / Haddad, Sleiman / Guerra, Ernesto / Maled, Iñaki / Busquets, Rosa / Cáceres Palou, Enric / Barastegui, David
EFORT13-4965	First metatarsophalangeal arthrodesis with a new intramedullary system: Early results	Morell Luque, Juan Manuel / López Pérez, Vicente / Castillo García, Félix / Escudero González, Óscar / Martínez Andrade, Cristóbal / Castro Álvarez, M. Concepción
EFORT13-5006	Talar body fractures – pantalar involvement / subluxation / dislocation: Modification of Müller AO / OTA classification	Clewer, Glenn / Dayanandam, Bharani / Kumar, Rakesh Kumar / Williams, Lisa / Karras, Kyriakos / Prasad, Kodali
EFORT13-5098	Peroneal nerve palsy treatment by tendon transposition	Radlovic, Vladimir / Rakic, Ivan / Jaramaz Ducic, Tatjana / Radlovic, Jelena / Bukva, Bojan / Abramovic, Dusan / Vidosavljevic, Marko / Brdar, Radivoj / Ducic, Sinisa
EFORT13-5365	Incidence of wound complications/infection in foot and ankle surgery – A prospective study	Mackie, Alasdair / Kazi, Zeeshan / Shah, Kalpesh
EFORT13-5379	Peroneal impingement syndrome by enchondroma	García Medrano, Belén / León Andrino, Alejandro / Martín Ferrero, Miguel Ángel / Brotat Rodríguez, María
EFORT13-5425	Intermittent pneumatic compression therapy reduces the risk for deep vein thrombosis after lower limb surgery	Latifi, Ali / Labruto, Fausto / Bring, Daniel / Nilsson, Gunnar / Ackermann, Paul / Arverud, Erica
EFORT13-5456	Doppler ultrasonography of the Achilles tendon post exercise: An observational study	Carne, Andrew / Solan, Matthew / Patel, Nimesh
EFORT13-5486	Surgical management of haemophilia-associated ankle arthropathy – open and arthroscopic ankle arthrodesis outcomes	Rose, Barry / Taylor, James / Jones, Ioan / Back, Diane / Wong, Fabian / Fahy, Aodhnait
EFORT13-5537	The occurrence of venous thromboembolism following the application of below knee plasters	Garrett, Simon / Ward, Peter / Asp, Rebecka
EFORT13-5540	Critical evaluation of outcome scales to assess the results of lateral ankle ligament repair	Buerer, Y. / Chopra, Swati / Winkler, M. / Crevoisier, Xavier / Burn, Alexandre
EFORT13-5639	Tourniquet use in ankle arthroscopy: Time for a re-think	Cullen, Nick / Singh, Dishan / Goldberg, Andy / Sharma, Aadhar / Hasan, Kamrul
EFORT13-5655	Intraoperative reduction of distal tibiofibular joint : Are we doing enough ?	Lee, Noel / Karski, Mike / Alva, Avinash
EFORT13-5735	1st metatarsophalangeal arthrodesis – comparing different methods of joint surface preparation	Allen, Patricia / Ghosh, Arijit
EFORT13-5760	Tarso-metatarsal joint injections for osteoarthritis: Results of a minimum 5 year follow-up	Pasapula, Chandra / Cro, Suzie / Singh, Dishan / Hasan, Kamrul
EFORT13-5766	The use of extracorporeal shock wave therapy for refractory plantar fasciitis	Patel, Amit / Thomason, Katharine / Chapman, Colin / Johnson, Benjamin / Marquis, Christopher / Ribee, Helen
EFORT13-5813	Revision surgery after cheilectomy of the big toe MTPJ	Kazi, Zeeshan / Mackie, Alasdair / Shah, Kalpesh

Hip

EFORT13-1031	The use of tantalum in hip prosthesis: Our experience	Evola, Roberto / Costarella, Luciano / Pavone, Vito / Pietropaolo, Alessandro / Sessa, Andrea / Sessa, Giuseppe / Papotto, Giacomo
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Lower limb

NR.	TITLE	AUTHORS
EFORT13-1073	The impact of proximal femoral morphology on failure strength with the Birmingham mid-head resection	Waddell, James / Morison, Zachary / Kuzyk, Paul / Sellan, Michael / Olsen, Michael / Schemitsch, Emil
EFORT13-1074	Total Hip Arthroplasty following failure of core decompression and tantalum rod insertion for femoral head avascular necrosis	Waddell, James / Wolek, Ryan / Lewis, Peter / McKee, Michael / Olsen, Michael / Schemitsch, Emil
EFORT13-1169	Does the modified Harris Hip Score reflect patient satisfaction after hip arthroscopy?	Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
EFORT13-1178	Cementless bipolar hemiarthroplasty using a rectangular crosssection stem for Type A2 or above intertrochanteric fractures	Cho, Hong Man / Sim, Ju Hyun
EFORT13-1195	Tranexamic acid for reduction of blood loss during Total Hip Arthroplasty	Dohmae, Yoichiro / Ito, Tomoyuki / Suzuki, Hayato / Suda, Ken / Miyasaka, Dai / Endo, Naoto / Imai, Norio
EFORT13-1200	Clinical and radiological study of three models of uncemented cup in primary Total Hip Arthroplasty	López-Durán, Luis / Moro, Enrique / Manrique, Elena / Cardoso, Zulema
EFORT13-1229	The natural history of asymptomatic osteonecrosis of the femoral head	Kwon, Daekyu / Kang, Joon-Soon
EFORT13-1289	Predicting long-term outcome in cemented Total Hip Arthroplasty: Determining prognosis by early radiological findings	Otsuka, Hiromi / Morishima, Takkan / Sato, Keiji / Hirose, Shiro
EFORT13-1292	Minimum 20-year follow-up of Harris-Galante porous type 1 total hip arthroplasty to treat osteoarthritis due to hip dysplasia	Lee, Tae-Hyun / Tsukeoka, Tadashi / Suzuki, Masahiko / Tsuneizumi, Yoshikazu
EFORT13-1299	The dislocating hip replacement – Revision with a dual mobility cup	Kappel, Andreas / Hansen, Flemming / Sondergaard, Jorgen / Krarup, Niels / Jakobsen, Thomas
EFORT13-1331	Mechanical proximal stem failure in non-cemented modular hip revision prostheses – Fact or fiction?	Efe, Turgay / Roessler, Philip / Schmitt, Jan
EFORT13-1352	Sciatic nerve palsy secondary to a Metal-on-Metal pseudotumour: A case report and review of current literature	Welck, Matthew / Hart, Alister / Cannon, Stephen / Skinner, John / Aston, William / Bhamra, Jagmeet
EFORT13-1374	Is there an argument for routine blood transfusion following cephalo-medullary nailing of extra capsular femoral neck fractures?	Remani, Mohan / Patel, Shelain / Fazal, M Ali / Bagley, Caroline
EFORT13-1386	The use of sound analysis to guide femoral reaming in uncemented Total Hip Arthroplasty: A new concept	Elsibael, Anas / Jackson, Bob / Rice, John / Riordan, Dan / Abdulkarim, Ali
EFORT13-1416	Frequency and evaluation of acetabular cartilage and labral damage associated with displaced femoral neck fracture	Katano, Hiroshi / Inoue, Ryo / Akaishi, Koichi
EFORT13-1428	Migration measurement of a new anatomical adapted hip prostheses, Merotan.a 3 to 24 month	Rabenseifner, Lothar
EFORT13-1434	Our experience with constrained acetabular components for the unstable hip following Total Hip Arthroplasty	Ros, Ernest / Serra, Ramón / Cami, Joan / Vives, Ramón / Bonjorn, Marta / Figueras, Guillem
EFORT13-1458	Jumbo cup causes hip Center elevation in revision THA	Nwankwo, Chima / Ries, Michael / Heffernan, Christopher / Dong, Nick

Lower limb

NR.	TITLE	AUTHORS
EFORT13-1476	Accuracy of cup positioning in hip resurfacing among high-volume hip surgeons	Reito, Aleksi / Puolakka, Timo / Pajamäki, Jorma / Eskelinen, Antti / Jamsa, Pyry
EFORT13-1495	Highly cross-linked polyethylene in Total Hip Arthroplasty for osteonecrosis of the femoral head	Min, Byung-Woo / Hyub, Sakong / Kwon, Yongwook / Lee, Kyungjae
EFORT13-1512	Favorable results of primary Total Hip Arthroplasty with acetabular impaction bone grafting for large segmental bone defects of dysplastic hips	Matsushita, Naoya / Morita, Daigo / Iwase, Toshiki
EFORT13-1516	Long-term results of non-cross-linked polyethylene liner in Total Hip Arthroplasty	Mishima, Hajime / Sugaya, Hisashi / Wada, Hiroshi / Yoshizawa, Tomohiro / Kawamura, Haruo / Sakane, Masataka / Nishino, Tomofumi
EFORT13-1525	Three dimensional analysis of acetabular coverage using a plain antero-posterior radiograph	Hanada, Mitsuru / Suzuki, Daisuke / Matsuyama, Yukihiro / Hoshino, Hironobu / Togawa, Daisuke / Koyama, Hiroshi
EFORT13-1573	Reactions of bone tissue around the Zweymuller stem – Mid-term results	Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Lapaj, Lukasz / Kokoszka, Pawel
EFORT13-1589	Small size trabecular metal cups used in hip replacements in hip dysplasia	López Marco, José / Herrera, Antonio / Mateo, Jesús / Ripalda, Jorge / Badiola, Jara / Panisello, Juan
EFORT13-1599	Medialization of hip rotation center after total arthroplasty in patients with dysplasia of the hip joint	Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Lapaj, Lukasz / Kokoszka, Pawel
EFORT13-1609	Arthroscopic treatment of osteoid osteoma with femoroacetabular impingement : A case report	Uchida, Soshi / Furuko, Tsuyoshi / Mochizuki, Yoshihito / Omori, Go / Ariumi, Akihiro
EFORT13-1697	Decreasing incidence of hip replacements for rheumatoid arthritis	Honkanen, Pirjo / Eskelinen, Antti / Huhtala, Heini / Remes, Ville / Skyttä, Eerik
EFORT13-1707	Cementless femoral reconstruction in revision Total Hip Arthroplasty: A comparison between modular and interlocking stems	Fujii, Hideki / Kawaguchi, Yasuhiko / Ueno, Yutaka / Kato, Tsutomu / Hayama, Tetsuo / Udaka, Jun / Inagaki, Naoya / Sugiyama, Hajime / Marumo, Keishi / Otani, Takuya
EFORT13-1718	A three-year clinical experience with treatment of unstable fractures of the proximal femur using minimally invasive surgical technique	Kastelov, Roumen / Yordanov, Tsvetoslav / Bonchev, Byser
EFORT13-1729	Use of an abductor brace does not prevent recurrent dislocation after primary THA	Richard, Jean-Cristophe / Lübbecke, Anne / Hoffmeyer, Pierre / Peter, Robin / Miozzari, Hermes
EFORT13-1751	Debunking myths about fast track total hip replacement, keep it simple stupid: Analysis of 366 consecutive cases	Olsson, Marianne / Maansson, Lukas
EFORT13-1754	Comparison of cement mantle techniques on the cement-bone interface in THA with triple tapered polished stem: Cement mantle technique vs line-to-line technique	Iida, Satoshi / Minato, Izumi / Tanabe, Yuji / Funayama, Naoki / Kai, Shin / Ohashi, Hirotugu
EFORT13-1774	Risk factors for cardiovascular complications following hip surgery	Rhee, Shin-Jae / Lee, H. / Cho, H. / Lee, J. / Suh, Kuentak
EFORT13-1777	Differences between the two methods measuring version of the acetabular component from plain radiographs	Lee, J. / Seong, Y. / Shin, W. / Suh, Kuentak
EFORT13-1785	Usefulness of hip arthroscopy in hip Sequelae of Legg-Calve-Perthes	Kim, Pil-Sung / Jeon, Yoo-Sun / Hwang, Deuk-Soo
EFORT13-1786	Periprosthetic mass after Total Hip Replacement	Kim, Pil-Sung / Jeon, Yoo-Sun / Hwang, Deuk-Soo

Lower limb

NR.	TITLE	AUTHORS
EFORT13-1793	A study to compare the reliability of two templating methods for Total Hip Arthroplasty	Paniker, Jayanth / Thonse, Raghuram / Blucher, Nicola
EFORT13-1813	On-table leg length assessment for Total Hip Arthroplasty: How accurate are we?	Sahnan, Kapil / Dixon, John / Mendes da Costa, Thomas / Mitra, Aveek
EFORT13-1838	The ecoguided infiltrations with ialuronic acid in the treatment of hip arthritis	D'Arienzo, Antonio / D'Arienzo, Michele / Sanfilippo, Antonino
EFORT13-1884	Herniation pit at anterior superior femoral head neck junction is correlated with arthroscopic finding	Ariumi, Akihiro / Uchida, Soshi / Mochizuki, Yoshihito
EFORT13-1892	Metaphyseal short stem in total hip arthroplasty	Illobre, José / Salgado, Oscar / Gordo, Christian / Morales De Cano, Jaime
EFORT13-1912	Preliminary results of the use of conservative GTSS-Biomet stem in hip replacement	López, Carolina / Canosas, Jordi / Gordo, Christian / Morales De Cano, Jaime
EFORT13-1913	Vascular injury prevention in hip revision using the arteriography in acetabular defects Prapovsky type III	De la Torre, Miguel / Illobre, José / Morales De Cano, Jaime
EFORT13-1974	First experiences in bicon cup in early revisions	Zappa, Marco Antonio / Bonacina, Paolo
EFORT13-2020	Revision surgery after total joint arthroplasty: A complication-based analysis of European Arthroplasty Registers	Liebensteiner, Michael / Agreiter, Mark / Leithner, Andreas / Böhrer, Nikolaus / Labek, Gerold / Sadoghi, Patrick
EFORT13-2059	What causes the decreased dislocation rate of larger femoral heads in total hip arthroplasty? Range of motion, jump distance or stability due to atmospheric pressure? An experimental study	KaBebaum, Eric / Rauch, Hannes / Richter, Klaus / Farag, Mohamed / von Salis-Soglio, Georg / Prietzel, Torsten
EFORT13-2109	How to treat the complex unstable intertrochanteric fractures in elderly patients: DHS or Arthroplasty?	Ghayem Hassankhani, Ebrahim
EFORT13-2116	Mid-term results of a short stemmed prosthesis: The collum femoris preserving Total Hip Replacement	Hutt, Jonathan / Gill, Ian / Harb, Ziad / Kashif, Fadhil / Miller, John / Dodd, Matthew
EFORT13-2123	Clinical review of the results in revision of the acetabular component after THR - A 7-years follow-up study	Opris, Remus / Voicu, Bogdan / Bataga, Simona / Vilcelean, Marius / Denes, Marton / Gulian, Andrei / Solyom, Arpad / Ivanescu, Adrian / Tiberiu, Bataga
EFORT13-2146	Fracture of a chromium-cobalt femoral head after revision total hip arthroplasty due to fracture of a ceramic femoral head	Alpoim, Bruno / Rodrigues, Maria / Sá, Pedro / Oliveira, Carolina / Rodrigues, Francisco / Marques, Pedro
EFORT13-2154	Total Hip Replacement in sickle cell disease	Awogbade, Moji / Kavarthapu, Venu / Li, P. L. / Somasundaram, Karthik
EFORT13-2187	Long term remodeling of an anatomic stem. A ten year follow-up densitometry study	Aguiar, Andrés / Mateo, Jesús / Ripalda, Jorge / Herrera, Antonio / López-Marco, José / Panisello, Juan
EFORT13-2242	95% Survivorship at 2 to 4 years in severe acetabular bone defects with impacted bone allografts and trabecular metal cups	Ali, Julian / Comba, Fernando / Zanotti, Gerardo / Piccaluga, Francisco / Buttaró, Martin
EFORT13-2250	Precision of implant placement in two different approaches for THA. Anterolateral supine vs mini-posterior approach	Yamamura, Mitsuyoshi / Akiyama, Keisuke / Owaki, Hajime / Fuji, Takeshi / Nakata, Katsuya
EFORT13-2261	Hip arthroplasty after failed nailing of proximal femoral fractures	Kirjasuo, Karri / Koivisto, Mari / Virolainen, Petri / Junnila, Mika / Seppänen, Matti / Äärimaa, Ville / Isotalo, Kari / Mäkelä, Keijo / Mokka, Jari



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Lower limb

NR.	TITLE	AUTHORS
EFORT13-2263	Has body composition any effect on THA-scheduled patients' assessment of their own hip problems? - A preoperative cross-sectional study	Laurson, Jens / Mechlenburg, Inger / Søballe, Kjeld / Liljensøe, Anette
EFORT13-2319	The influence of the range of porous surface in tapered wedge stem on the initial fixation	Maeno, Sumihiko / Nakamura, Takuya
EFORT13-2433	Effect of highly cross-linked and conventional polyethylene in total hip arthroplasty for dysplastic hip patients; minimum 7 year prospective randomized multicenter comparison	Matsubara, Masaaki / Iwaki, Hiroyoshi / Ohashi, Hirotsugu / Mashima, Naohiko / Hirakawa, Kazuo
EFORT13-2436	Radiographic and functional outcome after total hip arthroplasty (THA) in dysplastic hips due to the placement of acetabular component	Jumtins, Andris / Zebolds, Silvestris
EFORT13-2468	Increase in fat free mass following strength training in patients diagnosed with hip osteoarthritis scheduled for Total Hip Arthroplasty - A randomized explorative trial	Zerah, Bo / Mejdahl, Steen / Overgaard, Søren / Holsgaard-Larsen, Anders / Hermann, Andreas
EFORT13-2474	CT evaluation of imageless navigation system and ultrasound-based navigation system in Total Hip Arthroplasty	Mitsugi, Naoto / Mochida, Yuichi / Aratake, Masato / Ota, Hirohiko / Shinohara, Kentaro / Taki, Naoya
EFORT13-2487	In Vivo kinematics after hip resurfacing arthroplasty	Kabata, Tamon / Maeda, Toru / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Kawashima, Hiroki / Sanada, Shigeru / Tsuchiya, Hiroyuki / Kajino, Yoshitomo
EFORT13-2514	Comparison of evaluation methods to determine intraoperative impaction energy associated with Total Hip Arthroplasty	Schmidig, Gregg / Scholl, Laura / Thakore, Mayur
EFORT13-2521	Articulatio coxae morphological X-ray findings in professional soccer players and their significance	Tsuchiya, Akihiro / Kanisawa, Izumi / Takhashi, Kenji / Sakai, Hiroki / Fukui, Yuka / Ogura, Takahiro / Akada, Takanori / Fukuda, Hideaki / Nagamine, Tomonori
EFORT13-2523	An experimental study on scarring in resection arthroplasty of the hip	Aguilló, José Luis / Coscujuela-Maña, Antonio / Portabella, Federico
EFORT13-2538	Cementless Total Hip Arthroplasty with new bioactive coated femoral prosthesis. A minimum 2-year follow-up study in Japanese	Mishima, Hajime / Sugaya, Hisashi / Nishino, Tomofumi / Sakane, Masataka / Wada, Hiroshi
EFORT13-2541	Learning curve improves outcome in impaction bone grafting in femoral revision surgery	Cruz-Pardos, Ana / Cordero-Ampuero, José / García-Cimbrelo, Eduardo / García-Rey, Eduardo
EFORT13-2548	Outcomes following neck of femur fractures in inpatients	Merker, Louise / Docker, Charles / Sarmah, Panchali
EFORT13-2558	Our experiences with dual mobility acetabular cup	Lapoša, Andrej / Kavcic, Gregor / Bedencic, Klemen
EFORT13-2574	Proximal femoral primary bone lymphoma - A case report	Popescu, Mihai Viorel / Cismasiu, Razvan-Silviu
EFORT13-2604	Proximal strain distribution in a simulated hip joint: A preliminary study	Packianather, Michael / O'Doherty, Daphne / Shahid, Mohammad / Ghosh, Koushik / Robati, Shibby
EFORT13-2629	Prospective comparative study on hip function in two different approaches for minimally invasive THA - Anterolateral supine versus mini-posterior approach	Nagafuchi, Teruyoshi / Yamamura, Mitsuyoshi / Akiyama, Keisuke / Owaki, Hajime / Fuji, Takeshi / Nakata, Katsuya

Lower limb

NR.	TITLE	AUTHORS
EFORT13-2658	Total Hip Arthroplasty using a cementless dual-mobility cup in primary and revision surgery. Evaluation at mean follow-up of 5 years with gait analysis	Fischer, Jean-François / Aminian, Kamiar / Martin, Estelle / Jolles-Haeberli, Brigitte / Acker, Antoine
EFORT13-2662	Activity monitoring as clinical outcome measure in total joint arthroplasty patients and healthy controls	Grimm, B. / Lipperts, M. / van Groenewold, J. / Heyligers, I. / Senden, R.
EFORT13-2684	Strontium ranelate may improve mild forms of osteoarthritis in postmenopausal women with osteoporosis	Cirstoiu, Catalin / Circota, Gheorghe / Popescu, Dan / Razvan, Ene
EFORT13-2701	High prevalence of ceramic fracture in third generation of Alumina on Alumina THA	Kim, Hyung-Sub / Kim, Shin-Yoon / Baek, Seung-Gil
EFORT13-2706	Assessment of aligning the cup with the transverse acetabular ligament in Total Hip Arthroplasty	Kabata, Tamon / Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Tsuchiya, Hiroyuki / Fujita, Kenji
EFORT13-2709	Effect of the femoral head size on revision risk for dislocation after total hip arthroplasty. A population-based analysis of 42,379 primary Total Hip Arthroplasties from the Finnish Arthroplasty Register	Junnila, Mika / Virolainen, Petri / Remes, Ville / Pulkkinen, Pekka / Eskelinen, Antti / Vahlberg, Tero / Mäkelä, Keijo / Kostensalo, Inari
EFORT13-2753	Effect of femoral stem material and taper geometry on strength of head-stem taper junctions	Scholl, Laura / Schmidig, Gregg / Heffernan, Christopher / Thakore, Mayur / Nevelos, Jim / Raja, Lokesh Kumar
EFORT13-2766	Lymphocytic reactions in revised Metal-on-Metal hip arthroplasties	Revell, Matthew / Sumathi, Vaiyapuri / Pynsent, Paul / Revell, Peter / Matharu, Gulraj
EFORT13-2771	Outcome following revision of Metal-on-Metal hip replacements for suspected adverse reactions to metal debris	Revell, Matthew / Sumathi, Vaiyapuri / Pynsent, Paul / Revell, Peter / Matharu, Gulraj
EFORT13-2777	Fourteen-year follow-up of Birmingham hip resurfacing arthroplasty in patients under 50 years	Treacy, Ronan / Pynsent, William / McBryde, Callum / Pynsent, Paul / Matharu, Gulraj
EFORT13-2801	Acute failure of constrained total hip modular arthroplasty after renal cell tumor	Ezquerria, Laura / Blanco, Nieves / Castillo, Andrés / Torres, Antonio / Seral García, Belén / Albareda, Jorge / Corella, Eduardo
EFORT13-2841	Is second generation Metal-on-Metal primary Total Hip Arthroplasty with a 28mm head a worthy option?	Choi, Il-Yong / Kim, Yee-Suk / Kim, Young-Ho / Hwang, Kyu-Tae
EFORT13-2858	The outcome of revised resurfacing arthroplasty	Cashman, Kara / Liu, Yen / Davidson, David / Ryan, Philip / Graves, Stephen / De Steiger, Richard
EFORT13-2902	Progress of Stress Shielding after Cementless Total Hip Arthroplasty with Versys Fiber Metal Taper Stem -Minimum 5-Year Follow-Up-	Hasegawa, Masahiro / Yoshida, Kakunosin / Wakabayashi, Hiroki / Matsui, Yuriyo / Sudo, Akihiro / Miyamoto, Noriki
EFORT13-2903	Trunnion fretting and corrosion is there a resolution?	Morton, Leona / Fox, Andy / Housden, Jonathan / Collins, Simon / Kinbrum, Amy
EFORT13-2923	In Vitro primary and secondary stability measurement of a conservative hip stem	Ignatius, Anita / Reichel, Heiko / Duerselen, Lutz / Bieger, Ralf
EFORT13-2935	Revision of total hip arthroplasty using hydroxy apatite for massive bone defect of acetabulum	Tsuji, Soichi
EFORT13-2939	Application of intraoperative motor-evoked potential monitoring in Total Hip Arthroplasty	Hasegawa, Masahiro / Wakabayashi, Hiroki / Miyamoto, Noriki / Sudo, Akihiro / Matsui, Yuriyo
EFORT13-2956	New generation dual mobility cup: Results in Spain - 135 Total Hip Replacements with a mean follow-up of 32 months	Meroño, Antonio / Murcia, Antonio / Torres, Ana



Winner of the Jacques Duparc Award

Lower limb

NR.	TITLE	AUTHORS
EFORT13-2975	The influence of dual mobility cup design on dislocation in common sizes of THR	Macintyre, James / Markel, David / Mont, Michael / Nevelos, James / Heffernan, Christopher
EFORT13-2980	Bone mineral density after implantation of a femoral neck hip prosthesis – A prospective 5 year follow-up	Decking, Ralf / Souffrant, Robert / Bader, Rainer / Steens, Wolfram
EFORT13-2990	Girdlestone resection arthroplasty as final solution	Delimar, Domagoj / Aljinovic, Ana / Bicanic, Goran / Barbaric, Katarina
EFORT13-3011	The use of polymerase chain reaction to diagnose infection in presumed rapidly destructive coxarthrosis	Rajakulendran, Karthig / Ahad, Nurul / Khalfaoi, Mahdi
EFORT13-3012	Long-term results of Total Hip Arthroplasty for osteonecrosis of the femoral head in systemic lupus erythematosus	Kishida, Shunji / Takahashi, Kazuhisa / Harada, Yoshitada / Shigemura, Tomonori
EFORT13-3049	What effect does arthroplasty have on anxiety and depression? - An assessment of 95 patients pre and post operatively	Kozdryk, Jakub / Waites, Matthew / Quraishi, Sohail / Ribee, Helen
EFORT13-3080	Minimum 5-year results of modular Metal-on-Metal Total Hip Arthroplasty	Hasegawa, Masahiro / Miyamoto, Noriki / Sudo, Akihiro / Yoshida, Kakunoshin / Wakabayashi, Hiroki
EFORT13-3127	Radiographic Measurement to Restore Femoral Head Center in Hip Arthroplasty	Pinsornsak, Piya
EFORT13-3174	NbN plasma immersion ion implantation on Co-Cr alloy reduce wear rate of polyethylene – Pilot study	Kim, Yong-Sik / Kwon, Soon-Yong / Sun, Doo-Hoon / Lee, Hyun-Jin / Lim, Young-Wook
EFORT13-3184	Evaluation of the flexion contracture of the hip joint with osteoarthritis	Takubo, Ryota / Horigome, Youji / Endo, Naoto / Miyasaka, Dai / Suzuki, Hayato / Shibuya, Yohei
EFORT13-3190	Natural history of labral tear in adults	Cho, Yoon Je
EFORT13-3191	Anterior iliopsoas impingement after Total Hip Arthroplasty using acetabular cups with elevated rim	Cho, Yoon Je
EFORT13-3253	Intraoperative radiography to avoid incomplete seating of Trident acetabular system ceramic liners	Kabata, Tamon / Maeda, Toru / Kajino, Yoshitomo / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Iwai, Shintaro
EFORT13-3321	The fixation manner of Zweymüller prosthesis in the canal evaluated by CT images	Ochiai, Shunsuke / Kamikawa, Koya
EFORT13-3329	Conversion of arthrodesis to Total Hip Arthroplasty: Complications, results, and prognostic factors of 21 consecutive cases	Chana, Francisco / Rojo Manaute, José / Ríos-Luna, Antonio / Sobron, Borja / Benito, Felipe / Vaquero, Javier / Villanueva Martínez, Manuel
EFORT13-3342	Preoperative scoring for rational surgical strategy of one or two-stage revision Total Hip Arthroplasty	Iida, Hirokazu / Nakamura, Tomohisa / Okamoto, Naofumi / Wada, Takahiko / Oe, Kenichi
EFORT13-3347	A novel method for accurate and reproducible functional cup positioning in Total Hip Replacement	Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza
EFORT13-3348	Clinical and radiographic results 10 years follow up. Total Hip Replacement in supine position using direct lateral approach	Buttaro, Martin / Piccaluga, Francisco / Godoy, Daniel
EFORT13-3351	Total Hip Replacement in independent elderly patients. Minimun 5 years follow up	Buttaro, Martin / Piccaluga, Francisco / Jauregui, Ricardo / Kaplan, Roberto / Godoy, Daniel

Lower limb

NR.	TITLE	AUTHORS
EFORT13-3355	Treatment of femoral neck fractures with bioresorbable screws (Osteotrans®): Case report and biomechanical study	Takada, Naoya / Otsuka, Takanobu / Fukuta, Makoto
EFORT13-3357	Total Hip Arthroplasty using cementless stems – Does the design of the stem have an effect on the radiological outcome?	Ohishi, Hirotaka / Masaki, Kishiya / Ishibashi, Yasuyuki / Nakamura, Yoshihide
EFORT13-3368	Total Hip Arthroplasty with subtrochanteric shortening osteotomy for Crowe grade 4 using direct anterior approach	Shiratsuchi, Hideaki / Kaneyama, Ryutaku / Miura, Yoko / Tamaki, Tatsuya / Oinuma, Kazuhiro
EFORT13-3410	Tranexamic acid and enhanced recovery pathways for Total Hip & Knee Replacement	Middleton, Robert / Craig, James / Hartley, Richard / Lloyd, John / Singh, Shiv / Gardner, Edward
EFORT13-3436	Two-stage revision protocol in periprosthetic infection following Total Hip Arthroplasty. Our experience	Babis, George / Pantos, Panagiotis / Sakellariou, Vasileios / Stavropoulos, Nikolaos / Papagelopoulos, Panagiotis
EFORT13-3444	Total Hip Arthroplasty after acetabular fractures	Mangupli, Martin / Bruno, Pablo / Bustos, Damian / Gutiérrez Olivera, Natalia / Malvarez, Alejandro / Ruchelli, Luis / Salcedo, Leandro / Jabif, Alberto / Allende, Bartolome / Fernández Savoy, Ignacio
EFORT13-3457	Conversion to Total Hip Replacement Arthroplasty after arthroscopic treatment of pyogenic arthritis of hip	Cho, Hun Sik / Yoo, Hyun Seong / Cho, Young-Ho
EFORT13-3467	Inter-tester reliability of the hand-held dynamometer and the leg extensor power rig applied on patients after Total Hip Arthroplasty	Mechlenburg, Inger / Søballe, Kjeld / Petersen, Mette / Mikkelsen, Lone
EFORT13-3479	A cementless Total Hip Arthroplasty implant with bioactive titanium porous-coating by alkaline and heat treatment: Ten year results and study on retrieved implants	Kaneuji, Ayumi / Matsuda, Shuichi / Akiyama, Haruhiko
EFORT13-3483	Anatomical relationship between the hip joint and the pelvic floor	Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Iida, Satoshi / Akita, Keiichi / Tamaki, Tatsuya
EFORT13-3491	Acetabular revision total hip arthroplasty involving impaction allografting with mixture of hydroxyapatite granule	Shinada, Yoshiyuki / Kawamoto, Taisei / Suzuki, Chiho / Miyamoto, Shuichi / Iida, Satoshi
EFORT13-3492	Digital tomosynthesis effectively confirms biological fixation of cementless Total Hip Arthroplasty	Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Kabata, Tamon
EFORT13-3504	Eleven-year results of Total Hip Arthroplasty in patients with secondary osteoarthritis due to slipped capital femoral epiphysis	Schoof, Benjamin / Kendoff, Daniel / Haasper, Carl / Gehrke, Thorsten / Gebauer, Matthias / Citak, Mustafa
EFORT13-3507	Surgical site infection in hip fractures : Arthroplasty vs intramedullary nail	Cruz, Encarnación / Guerado Parra, Enrique / Cano, Juan Ramón
EFORT13-3595	Trends in patient physical activity before and after primary THA	Zimmermann, Dorith / Roussos, Constantinos / Bonvin, Alexis / Peter, Robin / Hoffmeyer, Pierre / Lübbecke, Anne
EFORT13-3618	Lateral mesh can be insufficient to avoid cup loosening in large segmental defects using impaction bone grafting in acetabular revision surgery	Madero, Rosario / Cruz-Pardos, Ana / García-Rey, Eduardo / García-Cimbrelo, Eduardo
EFORT13-3667	Does the surgical approach affect the patient-reported outcomes following Total Hip Replacement?	Kärrholm, Johan / Garellick, Göran / Wretenberg, Per / Rolfson, Ola / Lindgren, Viktor
EFORT13-3700	Protusio acetabuli secondary to neurofibromatosis	Wong, Amanda / Patel, Shilen / Sabboubeh, Adel / Bruce, Andrew / Abouel-Enin, Sherif



Lower limb

NR.	TITLE	AUTHORS
EFORT13-3703	The effect of topical application of tranexamic acid in Total Hip Arthroplasty through the direct anterior approach. A prospective, double blind, placebo-controlled clinical trial	Van Elst, Colette / Vanbiervliet, Jens / Simon, Jean-Pierre / Corten, Kristoff
EFORT13-3750	Use of robotic technology in cam femoroacetabular impingement corrective surgery	Tan, Wei Liang / Sunnar, Jaskaranjit / Aqil, Adeel / Harris, Simon / Cobb, Justin / Masjedi, Milad
EFORT13-3796	Short-term results of Total Hip Arthroplasty with Synergy Select II RF stem, developed for Japanese patients	Mishima, Hajime / Nishino, Tomofumi / Wada, Hiroshi / Sugaya, Hisashi / Watanabe, Yasuhiko / Kawamura, Haruo / Sakane, Masataka / Yoshizawa, Tomohiro
EFORT13-3803	Accuracy of CT-based computer navigation system for total hip arthroplasty in Crowe grade IV dislocated hips	Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Kabata, Tamon
EFORT13-3809	Radiographic evidence of cam-type femoroacetabular impingement in young patients with end-stage hip osteoarthritis	Morison, Zack / Kuzyk, Paul / Sellan, Michael / Waddell, James
EFORT13-3849	Results of cemented or cementless intra-operative straight hip stem selection	Strecker, Wolf / Urschel, Christian
EFORT13-3852	The effect of chronic kidney disease on total hip arthroplasty: An evaluation of perioperative morbidity and implant longevity	Inacio, Maria / Namba, Robert / Miric, Alexander
EFORT13-3878	Alternative RSA methods for calculating wear when Tantalum cups are used	Wang, Joanne / Bragdon, Charles / Kärrholm, Johan / Malchau, Henrik / Goldvasser, Dov
EFORT13-3880	Sports activities after Total Hip Arthroplasty	Tamaki, Tatsuya / Oinuma, Kazuhiro / Shiratsuchi, Hideaki / Kaneyama, Ryutaku / Fukuda, Hideaki
EFORT13-3882	Sports and activity levels after surgical hip dislocation for the treatment of femoroacetabular impingement	Schaer, Michael / Miozzari, Hermes / Noetzli, Hubert / Naal, Florian
EFORT13-3929	Long-to-medium term follow up of polished tri-tapered stem for Cement-in-Cement revision hip arthroplasty	Lawrence, T. / Young, J. / Vallamshetla, V. P. / Lyle, Shirley
EFORT13-3935	Diagnose of loosened hip-implants with the use of extracorporeal shockwaves: A vibratory technique	Jaeger, Sebastian / Bitsch, Rudi / Rupp, Rüdiger / Kretzer, Jan / Rieger, Johannes
EFORT13-3944	A local reference frame for the proximal femur	Cobb, Justin / Masjedi, Milad / Tay, Charison
EFORT13-3979	Clinical coding and payment by results in hip fractures; does documentation by clinicians matter and alter the "Tariff"?	Mitsiou, Konstantinos / Tilson, Richard / Nanjayan, Shashi / McCretton, Thomas / Tambe, Amol
EFORT13-4061	Experiences made using the MIS anterolateral approach when dealing with isolated acetabular cup revision	Maansson, Lukas / Brun, Ole-Christian
EFORT13-4074	Advantages of uncemented jumbo cups in acetabular revision	Georgeanu, Vlad / Prescura, Catalin / Cristea, Stefan / Predescu, Vlad
EFORT13-4078	Comparison of sacral slope angles in supine, standing, and sitting positions	Miyasaka, Dai / Takubo, Ryota / Horigome, Youji / Suzuki, Hayato / Endo, Naoto / Tomoyuki, Ito / Sakai, Yoshinori
EFORT13-4093	Reliability and reproducibility of avascular necrosis classifications in toddlers	Jelinek, Eva / Willers, Reinhart / Krauspe, Rüdiger / Weimann-Stahlschmidt, Kristina / Westhoff, Bettina / Martiny, Friederike

Lower limb

NR.	TITLE	AUTHORS
EFORT13-4099	Acetabular reconstruction in revision cemented THA using impaction bone grafting - A 7-year follow-up radiographic study	Morishima, Takkan / Kawasima, Masaki / Tanaka, Ayumu / Kurisuno, Makoto / Sato, Keiji / Hirose, Shiro / Otsuka, Hiromi
EFORT13-4128	Bone plate and impaction bone grafting for femoral reconstruction in revision THA	Otsuka, Hiromi / Hirose, Shiro / Morishima, Takkan / Kawasima, Masaki / Tanaka, Ayumu / Sato, Keiji / Kurisuno, Makoto
EFORT13-4198	Opioid treatment of hip fracture patients - Before, during and after admission to the orthopaedic ward at Bispebjerg University Hospital	Christiansen, Marie Louise / Medom, Christian / Riis, Troels / Duus, Benn / Jørgensen, Henrik / Andersen, Stig / van Der Mark, Susanne / Lindestrand, Anna
EFORT13-4260	The Allofit cup: Results with a maximum of 10 years follow up	Costarella, Luciano / Evola, Roberto / Gioitta Lachino, Salvatore / Sessa, Andrea / Di Silvestri, Claudia / Sessa, Giuseppe / Pavone, Vito
EFORT13-4276	Medium-term results of the link lubinus SPII cemented stem - A prospective series of 875 consecutive hips	Dunstan, Edward / Brenkel, Ivan / Ballantyne, James / Annan, John
EFORT13-4281	Hydroxyapatite-coated Total Hip Arthroplasty in patients less than 55 of age: A minimum fifteen-year follow-up study	Valera, Màrius / Crusi, Xavier / Sancho, Rogelio / Ibañez, Natalia
EFORT13-4287	Modular-neck hip systems don't alter significantly the loading patterns along the femur: A finite element analysis	Theodorou, Evangelos / Provatis, Christopher / Megas, Panagiotis / Georgiou, Christos
EFORT13-4292	Simultaneous bilateral total hip arthroplasty by direct anterior approach	Oinuma, Kazuhiro / Kaneyama, Ryutaku / Tamaki, Tatsuya / Shiratsuchi, Hideaki / Miura, Yoko
EFORT13-4383	Acetabular revision using tantalum. The experience in our centre	Leon García, Alfonso / Lozano Álvarez, Carlos / Valverde Vilamala, Daniel / Puig Verdié, Lluís / Marques López, Fernando / Guirro Castellnou, Pau / Mestre Cortadellas, Carlos
EFORT13-4384	The treatment of important acetabular defects with tantalum cup-cage. The experience in our center	Gamba, Carlo / Puig Verdié, Lluís / Marques López, Fernando / Leon García, Alfonso / Lozano Álvarez, Carlos / Guirro Castellnou, Pau / Mestre Cortadellas, Carlos
EFORT13-4409	Straight neck cementless stem anteversion is dependent on the shape of the femur in Total Hip Arthroplasty	Miyasaka, Dai / Imai, Norio / Takubo, Ryota / Horigome, Youji / Endo, Naoto / Tomoyuki, Ito / Suzuki, Hayato
EFORT13-4426	Achieving target acetabular orientation	McLardy-Smith, Peter / De Smet, Koen / Gill, Richie / Murray, David / Pandit, Hemant / Da Assuncao, Ruy / Grammatopoulos, George
EFORT13-4432	How do surgeons position the pelvis and how much does it move during hip arthroplasty?	McLardy-Smith, Peter / Pandit, Hemant / De Smet, Koen / Gill, Richie / Murray, David / Da Assuncao, Ruy / Calistri, Alessandro / Grammatopoulos, George
EFORT13-4541	Utility of muscle evoked potential monitoring in Total Hip Arthroplasty	Muneta, Takeshi / Okawa, Atsushi / Jinno, Tetsuya / Kawabata, Shigenori / Koga, Daisuke
EFORT13-4570	Low dislocation rate in 100 consecutive revision Total Hip Replacements with large diameter bearings	Li, Lily / Davies, Neil / Waters, Tim / Buddhdev, Pranai
EFORT13-4577	Impact of preoperative anaemia on blood transfusion requirements in primary knee and hip prosthetic surgery	Aguilera, Xavier / Font, Adrià / González, José / Bosch, Alba / Videla, Sebastià / Natera, Luis
EFORT13-4581	Clinical results of total hip arthroplasties in arthrodesed hips	Badila, Adrian / Nutiu, Octavian / Manolescu, Robert / Japie, Ioan / Ciobanu, Traian / Papuc, Alexandru / Terinte, Silvia / Ninulescu, Cristian / Radulescu, Dragos / Radulescu, Radu
EFORT13-4583	Two for the price of one: Bilateral THR patients recover as rapidly as primary THR patients	Li, Lily / Davies, Neil / Waters, Tim / Buddhdev, Pranai

Lower limb

NR.	TITLE	AUTHORS
EFORT13-4626	Total Hip Replacement for displaced neck of femur fractures: Surgical approach and effect on early post-operative limp and dislocation	Makki, Daoud / Gibbs, James / Muhammad, Ahmad
EFORT13-4636	Adverse soft tissue reactions are common in patients operated on with ASR XL total hip replacements	Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks
EFORT13-4647	Simple and inexpensive flourosocopy grid for Total Hip Arthroplasty	Gajdzis, Jason / Younger, Victoria / Post, Zachary / Orozco, Fabio / Ong, Alvin
EFORT13-4669	Epidemiological and biomechanical influences on the prevalence and progression of periprosthetic osteolysis after total hip replacement. Analysis with magnetic resonance imaging	Pérez Coto, Iván / Iglesias, Susana / Hernández Vaquero, Daniel / Sandoval, Manuel Angel
EFORT13-4673	Intraoperative use of X-ray fluoroscopy during Total Hip Arthroplasty: Does component positioning improve?	Post, Zachary / Orozco, Fabio / Aggarwal, Vinay / Pacheco, Haroldo / Younger, Victoria / Ong, Alvin
EFORT13-4729	Metal-on-Metal Hip Arthroplasty: Body mass index, implant orientation and metal ion levels. A seven year series	Acton, Danny / Jones, Morgan / Hodgins, Nicholas
EFORT13-4757	Early radiographical subsidence in asymptomatic patients implanted with a Furlong Active HAP stem	Peñalver, Pablo / Garcia-Cimbrello, Eduardo / Gómez-Barrena, Enrique / Cordero-Ampuero, José
EFORT13-4773	Early discharge following primary Total Hip Arthroplasty by minimally invasive technique – District General Hospital experience	Gajula, Partha / Ashok, Ashok n / Velpula, Jagan Mohana Reddy
EFORT13-4785	Gamma nail implant: A review of operative technique	Gogi, Nitish / Halder, Subash / Ankarath, Sudhi / Ahmed, Zabair
EFORT13-4801	A comparison of leg length discrepancy evaluation using the caliper method and the direct method	Olsson, Marianne / Brun, Ole-Christian
EFORT13-4823	Closed nailing in valgus intertrochanteric osteotomy	Shalin, Artem / Chelnokov, Alexander
EFORT13-4850	MRI findings for making decision regarding piriformis tendon preservation before total hip arthroplasty	Hasegawa, Masahiro / Miyamoto, Noriki / Wakabayashi, Hiroki / Sudo, Akihiro / Yoshida, Kakunoshin
EFORT13-4851	The impact of surgeon volume on the outcome of hip replacement	De Steiger, Richard / Davidson, David / Cashman, Kara / Liu, Yen / Ryan, Philip / Graves, Stephen
EFORT13-4872	Outpatient Total Hip Arthroplasty as a method to decrease healthcare cost	Orozco, Fabio / Aynardi, Michael / Sukin, Dean / Ong, Alvin / Post, Zachary
EFORT13-4876	An examination of the femoroacetabular impingement radiographic findings of primary osteoarthritis of the hip	Suzuki, Hayato / Horigome, Youji / Miyasaka, Dai / Imai, Norio / Endo, Naoto / Suda, Ken / Tomoyuki, Ito / Takubo, Ryota
EFORT13-4889	Assessment of perfusion to the femoral head and head-neck junction following surgical hip dislocation using gadolinium-enhanced magnetic resonance imaging	Sculco, Peter / Pardee, Nadine / Dyke, Jonathan / Su, Edwin / Helfet, David / Lorch, Dean / Lazaro, Lionel
EFORT13-4894	Surgical anatomy of the medial femoral circumflex artery terminal branches: Arterial supply to the femoral head	Klinger, Craig / Sculco, Peter / Su, Edwin / Kelly, Brian / Helfet, David / Lorch, Dean / Lazaro, Lionel
EFORT13-4897	Topographic anatomy of the medial femoral circumflex artery: Relation to the posterior approach for hip resurfacing	Craig, Klinger / Su, Edwin / Helfet, David / Lorch, Dean / Sculco, Peter / Lazaro, Lionel
EFORT13-4898	Surgical anatomy of the inferior retinacular branch of the medial femoral circumflex artery	Sculco, Peter / Su, Edwin / Helfet, David / Lorch, Dean / Lazaro, Lionel

Lower limb

NR.	TITLE	AUTHORS
EFORT13-4899	Serum metal ion concentration after Metal-on-Metal Total Hip Arthroplasty	Katsuragawa, Yozo
EFORT13-4913	Comparative evaluation of functional outcome and quality of life after isolated hip dislocation and fracture dislocation	Sen, Ramesh / Aggarwal, Sameer / Goyal, Tarun / Tripathy, Sujit
EFORT13-4992	Differences in patient characteristics prior to THA between Switzerland and the US	Christofilopoulos, Panayiotis / Hoffmeyer, Pierre / Franklin, Patricia / Lübbecke, Anne
EFORT13-4995	Simultaneous bilateral hip arthroscopy: A case report	Ballas, Efstathios / Stavropoulos, Nikolaos / Moschonas, Spiridon / Tsikouris, George / Karamanis, Eirinaios
EFORT13-5009	Subpubic cartilaginous cyst presenting as a vulvar mass with dyspareunia and pain : A case report	Torres, João / Gutierrez, Manuel / Silva, Sérgio / Pinto, Rui / Monteiro, Eurico
EFORT13-5010	The use of closed suction drains in primary Total Hip Arthroplasty has no clinically relevant benefits - A prospective study	Perka, Carsten / Dirschedl, Katharina / Mayr, Hermann / Ensthaler, Ludwig / Preininger, Bernd / Hube, Robert / von Roth, Phillipp
EFORT13-5014	A new diagnostic algorithm in the evaluation of patients with problems related to hip or knee arthroplasty	Nielsen, Poul / Rasmussen, Sten / Khalid, Vesal
EFORT13-5018	The effect of surface finish, cement specification and contamination on polymethylmethacrylate cement to cement bonding	Evans, Sam / Whitehouse, Mike / Ayre, Wayne / Alsey, Karl
EFORT13-5035	The accuracy and inter-observer reliability of acetate templating in total hip arthroplasty: How accurate are junior surgeons undertaking speciality training?	Kearney, Ronan / O'Byrne, John / Shaikh, Aamir
EFORT13-5065	Cement-within-cement femoral stem reimplantation technique	Sosna, Antonín / Judl, Tobiáš / Landor, Ivan / Pokorný, David / Jahoda, David
EFORT13-5118	A new particular cage adapted to patient for specific acetabular defects in THA revision	Micu, Constantin / Cristea, Stefan / Costin, Serban
EFORT13-5140	Early results of uncemented total hip arthroplasty crowe type 2-3 cases	Bilgen, Ömer / Bilgen, Sadik / Kara, Kürsat / Mutlu, Müren
EFORT13-5149	Mild, untreated SCFE in childhood as a risk factor for the development of cam type FAI	Werlen, Stefan / Siebenrock, Klaus / Tannast, Moritz / Albers, Christoph / Steppacher, Simon
EFORT13-5156	Protrusion of the femoral head through the acetabular shell in Ceramic-on-Ceramic Total Hip Replacement	Viçoso, Sofia / Barbosa, Tiago / Couto, Roberto / Basto, Tiago / Lourenço, João / Ramalho, Frederic
EFORT13-5172	Hip resurfacing healthcare burden in EC. An estimative approach and guidelines for optimization	Ribas, Manuel / Bellotti, Vittorio / Cardenas, Carlomagno / Astarita, Emanuele / De Meo, Federico / Correa Vazquez, Eva
EFORT13-5191	Dynamic hip screw for the treatment of femoral neck fractures: Prospective study of 96 patients	Boschin, Leonardo / Jacobus, Lucas / Goncalves, Ramiro / Silva, Marcelo / Barreto, Rodrigo / Yopez, Anthony / Schwartzmann, Carlos / Spinelli, Leandro
EFORT13-5200	Reliability and validity of Tönnis classification for early stage hip arthritis	Tey, Marc / Sancho, Rogelio / Ibañez, Natalia / Valera, Màrius
EFORT13-5290	The 'Enhanced Recovery' programme for primary hip and knee arthroplasty: Short-term results from the first 3000 procedures	Muller, Scott / Reed, Mike / Malviya, Ajay / Partington, Paul / Carluke, Ian / Emmerson, Kevin / Khan, Sameer

Lower limb

NR.	TITLE	AUTHORS
EFORT13-5405	Early results of uncemented total hip arthroplasty in crowe type 4 cases	Bilgen, Ömer / Kara, Kürsat / Mutlu, Müren / Bilgen, Sadik / Gürsel, Enis
EFORT13-5408	Correlation of overactive bladder symptoms and falls with injuries in the elderly	Bawale, Rajesh / Bernard, Stephani / Singh, Bijayendra / Berber, Onur
EFORT13-5437	An evaluation of the clinical results of safe dislocation applied to cases of femoroacetabular impingement	Bilgen, Ömer / Mutlu, Müren / Bilgen, Sadik / Özdel, Ahmet / Kara, Kürsat
EFORT13-5464	Are morbidly obese patients undergoing Total Hip Arthroplasty at an increased risk for component malpositioning?	Malchau, Henrik / Chandran, Shaun / Barr, Christopher / Johannes Hansen, Viktor / Kwon, Young-Min / Elson, Leah
EFORT13-5483	Assessment of the quality of life for patients older than 60 years with uncemented Total Hip Replacement	Zuh, Sandor-Gyorgy / Gergely, Istvan / Russu, Octav / Pop, Tudor Sorin / Zazgyva, Ancuta / Nagy, Ors
EFORT13-5484	5-years results of a femoral neck preserving short stem for THA in young patients	Lerch, Matthias / Flörkemeier, Thilo / Windhagen, Henning / Thorey, Fritz
EFORT13-5491	Safety of early full weight-bearing after proximal femoral nail application for unstable proximal femoral fractures	Kacira, Burkay / Arazi, Mehmet / Acar, Mehmet / Elmadag, Mehmet / Ceylan, Hasan
EFORT13-5502	Ceramic revision head in revision Total Hip Arthroplasty	Sakdinakittikoon, Manoon / Thiengwittayaporn, Satit / Windhagen, Henning / Thorey, Fritz
EFORT13-5512	Migration analysis of the Metha short-stem hip prosthesis: Analysis of 80 cases with EBRA-FCA	Mazoochian, Farhad / Graf, Thomas / Jansson, Volkmar / Fottner, Andreas / Baur-Melnyk, Andrea / Schmidutz, Florian
EFORT13-5525	A clinical and radiological evaluation of patients diagnosed with and followed up for a diagnosis of transient osteoporosis of the hip	Bilgen, Sadik / Bilgen, Ömer / Mutlu, Müren / Gürsel, Enis / Kara, Kürsat
EFORT13-5541	Assessment of Systemic Metal Ion Levels after Birmingham Mid Head Resection Arthroplasty	Kumar, Vijay / Digge, Vijaykumar / Gautam, Deepak / Singla, Amit / Malhotra, Rajesh
EFORT13-5557	The use of structural allografts for acetabular reconstruction in Paprosky 3A defect	Ciam, Marcos / Frisone, Horacio / Bacino, Lucas / Filisetti, Jorge
EFORT13-5596	Comparisons of preoperative three-dimensional planning and surgical reconstruction in primary cementless total hip arthroplasty: A prospective series of 43 patients	Hassani, Hassen / Cherix, Stéphane / Moerenhout, Kevin / Rüdiger, Hannes
EFORT13-5630	Acetabular reconstruction after Total Hip Arthroplasty: Retrospective study of 80 cases with severe acetabular defects	Tikhilov, Rashid / Tsybin, Alexander / Bashinsky, Oleg / Shubnyakov, Igor
EFORT13-5664	Arthroplasty in ochronosis. Tips and pearls in surgery	Inan, Muharem / Ozler, Turhan / Kocadal, Abdurrahman / Altintas, Faik / Ulucay, Cagatay
EFORT13-5699	Case report: Revision of a MoM total hip prosthesis 34 years after implantation	Berg, Tom / Schulte-Mattler, Martin
EFORT13-5700	Periprosthetic joint infection after hip and knee arthroplasty: Propionibacterium acnes	Andrade, Tony / Fergusson, Colin / Iyer, S. / Ramasamy, Vijayaraj
EFORT13-5726	Transient osteoprosis in young with thyroid aplasia	Greer, Tony / Dhaliwal, Jagwinder
EFORT13-5765	The acetabular labrum tear and hip impingement: A novel mini-open approach	Subramonium, Sivaraman / Massraf, Araz / Giddie, Jasdeep / Edmond, U.
EFORT13-5810	Long-term outcomes of revision hip arthroplasty using an uncemented modular prosthesis	Chung, Donna / Muirhead-Allwood, Sarah / Drabu, Roshan

Lower limb

NR.	TITLE	AUTHORS
EFORT13-5913	Results of anterior mini-open Ribas's technique for the treatment of femoroacetabular impingement, review of 37 patients	Cruz de Melo, Jorge / Miranda, António / Leal, Fernando / Dias, Silvio / Resende, Vera / Frada, Ricardo
EFORT13-5914	The new trabecular titanium acetabular components is revision hip arthroplasty - Preliminary study of 26 hips	Leirinha, Manuel / Gomes, Jose / Agostinho, Francisco / Sousa, Manuel / Carvalho, Andre
EFORT13-5917	The Ganz approach used for hip tumours	Meek, Dominic / Patil, Sanjeev / Gulhane, Sandesh
EFORT13-5924	A study into the quality of internet resources for the patient - Case of Total Hip Replacement	Ghosh, Arijit
EFORT13-5926	A simple screening questionnaire for cognitive impairment in neck of femur fracture patients	Ramoutar, Darryl / Morris, Claire / Aung, Thanda / Moran, Chris / Ubayasiri, Nicola
EFORT13-5933	Metal-on-Metal hip arthroplasty: Retrospective correlation of blood chromium, cobalt levels, MRI and ultrasound findings of fluid with post revision histopathology results for metalosis	Apostolopoulos, Alex / Manta, A. / McConnell, B. / Prasad, Kodali / Harindar, Gakar / Zafiropolous, George / Lewis, Peter / Ahmed, Naveed
EFORT13-5986	Total Hip Arthroplasty modular neck failure: A case report	Anania, Andres / Sabatella, Carlos / Diaz, Ramiro
EFORT13-6002	Results of two stage THR in tuberculous arthritis of the hip	Chatterjee, Buddhadeb
EFORT13-6006	Hip resurfacing arthroplasty: Experience at 6-year follow-Up	Anania, Andres / Ortega, Jorge / Diaz, Ramiro
EFORT13-6009	Septic arthritis of the hip in adults	Anania, Andres / Ortega, Jorge / Sabatella, Carlos / Diaz, Ramiro
EFORT13-6013	Metalosis and ALVAL pseudotumor as a result of taper wear in large ceramic on ceramic THA	Boldt, Jens
EFORT13-6016	Bilateral aseptic loosening of cementless hip stems due to torque forces in ceramic on ceramic bearings after one year of implantation	Boldt, Jens

Knee osseous

EFORT13-1067	Ten-year review of high tibial osteotomy performed using callotasis with gait analysis	Griffiths, David
EFORT13-1111	Primary TKA: Flexion vs extension wound closure does not influence ROM at 6 months	Gómez-Cardero, Primitivo / Rodríguez-Merchán, Emérito
EFORT13-1114	Comparison of continuous passive motion and proprioceptive neuromuscular facilitation technique at rehabilitation after Total Knee Arthroplasty	Guven, Zeynep / Berker, Nadire / Alaca, Nuray
EFORT13-1150	Pseudo-patella baja after Total Knee Arthroplasty	Eajazi, Alireza / Miniator Sajadi, Mohammad Reza / Okhovatpoor, Mohammad Ali / Safdari, Farshad / Kazemi, Seyyed Morteza
EFORT13-1233	Improvement of body balance after initial Total Knee Arthroplasty (TKA) may indicate the necessity of a second TKA for bilateral osteoarthritic patients	Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko / Kishimoto, Yoshihiro / Ishii, Yoshinori
EFORT13-1234	Do we need computer-assisted navigation to improve the survival of TKA? Results at 10.8 years	Park, Jang-Won / Kim, Young-Hoo

Lower limb

NR.	TITLE	AUTHORS
EFORT13-1270	Survival of autologous osteochondral grafting in the knee and factors influencing functional outcome	Robb, Curtis / Pynsent, Paul / Baloch, Khalid / El-Sayed, C. / Matharu, Gulraj
EFORT13-1271	Closing wedge high tibial osteotomy for varus osteoarthritis of the knee: Survival, radiological analysis, and evaluation of risk factors	Robb, Curtis / Pynsent, Paul / Baloch, Khalid / Parker, L. / Dixon, John / Matharu, Gulraj
EFORT13-1314	Three-to-five years after navigated Total Knee Replacement: No clinically relevant differences found between fixed bearings and mobile bearings in a randomized controlled trial	Sufi-Siavach, Anusch / Daniel, Sandra / Lampe, Frank
EFORT13-1339	Endovascular intervention for the treatment of delayed vascular complications following hip and knee arthroplasty: A case series	Durran, Alexandra / Hockings, Michael / Seymour, Richard / James, Samuel
EFORT13-1365	Can the synovial fluid parameters be predictors of complications in Total Knee Replacement?	Mendez, Ana / Lozano, Luis / Ares, Oscar / Macule, Francisco / Suso, Santiago / Popescu, Dragos
EFORT13-1394	When can my patient drive a car after partial knee arthroplasty ?	Smekal, Vinzenz / Rosenberger, Ralf / Renz, Philipp / Rochau, Hannes / Haid, Christian / Krismer, Martin / Liebensteiner, Michael
EFORT13-1480	Metal ion concentrations and metal hypersensitivity in patients after implantation of coated and uncoated Total Knee Arthroplasty, a randomized controlled study	Spornraft-Ragaller, Petra / Günther, Klaus-Peter / Kirschner, Stephan / Hartmann, Albrecht / Dinnebier, Gerd / Lützner, Jörg
EFORT13-1483	Accuracy of three-dimensional measured cutting methods (JIGEN system) in Total Knee Arthroplasty: Comparison of posterior condyle and anterior distal surface of femur as rotation landmarks	Okano, Hirofumi / Okamura, Naoki / Okada, Jiro / Honda, Kazuhiro / Nakashima, Shinichi / Inoue, Masafumi / Sakuma, Katsuhiko / Miyamoto, Kazuhiko / Tamura, Toshifumi / Kawano, Hiroshige / Shiroshita, Takuya / Hosokawa, Hiroshi / Imoto, Koujiro
EFORT13-1565	Reduced narcotics and ropivacaine injection is effective and safe as original periarticular injection for pain management in total knee arthroplasty	Kwon, Ohryong / Kwon, Saekwang
EFORT13-1582	Topical use of Tranexamid acid in total knee arthroplasty	López Marco, José / Herrera, Antonio / Mateo, Jesús / Ripalda, Jorge / Ferrer, Sofia / Panisello, Juan
EFORT13-1595	Comorbidities and complications in obese patients undergoing total knee arthroplasty in Spain. Multicenter study	Popescu, Dragos / Peidro, Luis / Reategui, Diego / López, Ibon / Sotorres, Guillermo / Ares, Oscar / Suso, Santiago / Lozano, Luis
EFORT13-1600	Evolution of the Womac score in morbidly obese patients with bilateral Gonarthrosis after TKA	Mérida, Rodrigo / Popescu, Dragos / Núñez, Montserrat / Sastre, Sergi / Martínez-Pastor, Juan / Ares, Oscar / Segur, Josep María / Lozano, Luis
EFORT13-1613	Corticosteroid has additional effects in periarticular injection for pain management in Total Knee Arthroplasty	Kwon, Ohryong / Kwon, Saekwang
EFORT13-1616	Dose a severity of generalized joint laxity influence clinical outcomes in Total Knee Arthroplasty ?	Kwon, Ohryong / Kwon, Saekwang
EFORT13-1618	The effects of additional screw fixation for intraoperative lateral breakage in medial opening wedge high tibial osteotomy	Kwon, Ohryong / Kwon, Saekwang
EFORT13-1625	Elective knee replacement related litigation in the UK: Patient safety in surgery	Patel, Vishal
EFORT13-1655	Medial patellofemoral ligament reconstruction: Fracture of the patella following use of suture anchors	Dhinsa, Baljinder / James, Chris / Dunnet, William / Zahn, Helmut / Bhamra, Jagmeet



Lower limb

NR.	TITLE	AUTHORS
EFORT13-1683	Osteochondral autologous graft transfer system in the knee; mid-term results	Bilsel, Kerem / Sayar, Safak / Asik, Mehmet / Taser, Ömer / Tunçer, Nejat / Erdil, Mehmet
EFORT13-1717	Preoperative evaluation of the anterior cruciate ligaments (ACL) state in knee osteoarthritis	Gómez, Mercedes / Nicolas, Rebeca / Valverde, María Carmen / Solís, José María / Quiles, Manuel / Bernáldez, María José
EFORT13-1741	Effect of patellar thickness on knee flexion during Total Knee Arthroplasty: A biomechanical study	Samiezadeh, Saeid / Sternheim, Amir / Bougherara, Habiba / Backstein, David / Abolghasemian, Mansour
EFORT13-1770	Method of analyzed the tibiofemoral joint line level in computer-assisted knee arthroplasty	Hernández, Pedro / Baselga, Jaime
EFORT13-1795	Is it safe to use unconstrained TKA in UKA revision surgery?	Pietschmann, Matthias / Wohlleb, Lisa / Weber, Patrick / Jansson, Volkmar / Müller, Peter
EFORT13-1814	"Evaluating the types of insertion of the anterior horn of the medial meniscus in varus osteoarthritis of the knee"	Sugita, Takehiko / Aizawa, Toshimi / Ohnuma, Masahiro / Takahashi, Atsushi / Sasaki, Akira
EFORT13-1852	Pain after Total Knee Replacement. A randomised controlled trial of local infiltration versus single shot femoral nerve block	Canty, Stephen / Raut, Videsh / McLauchlan, George / Ashraf, Anam
EFORT13-1911	TKA outcomes in depressed patients	Gil González, Sergi / Leal Blanquet, Joan / Montserrat Ramón, Ferran / Puig Verdié, Lluís / Hinarejos Gómez, Pedro / Pérez Prieto, Daniel
EFORT13-1919	Differences in patient characteristics prior to TKA between Switzerland and the US	Harrold, Leslie / Ayers, David / Miozzari, Hermes / Franklin, Patricia / Lübbecke, Anne
EFORT13-2011	The effect of patient factors on outcome in Total Knee Replacement: A systematic review	Dunbar, Mark / Griffin, Damian / Barlow, Timothy
EFORT13-2078	Hematologic comparison between rivaroxaban and aspirin for venous thromboembolism prophylaxis after Total Knee Arthroplasty	Kim, Bu-Hwan / Ahn, Seong-Jun / Yoo, Seong-Ho / Song, Moo-Ho
EFORT13-2094	Septic arthritis following arthroscopic anterior cruciate ligament reconstruction	Tanaka, Yoshinari / Yonetani, Yasukazu / Kanamoto, Takashi / Kita, Keisuke / Kusano, Masashi / Shiozaki, Yoshiki / Horibe, Shuji / Amano, Hiroshi
EFORT13-2151	Drainage or no drainage in knee replacements	Chiey, Alfredo / Casale, Valentina / Canata, Gian Luigi
EFORT13-2153	Management of postoperative bleeding in knee replacements	Casale, Valentina / Chiey, Alfredo / Canata, Gian Luigi
EFORT13-2162	Does gender affect the long-term outcome after implantation of low-contact-stress mobile-bearing total knee arthroplasty?	Kastner, Norbert / Meikl, Tobias / Gruber, Gerald / Friesenbichler, Jörg / Wolf, Matthias / Sternbauer, Simon / Mächler, Maximilian / Weger, Christian / Leithner, Andreas / Sadoghi, Patrick
EFORT13-2180	Hunter canal syndrome after Oxford UKA	Kodama, Takao
EFORT13-2203	The use of custom made cutting blocks reduce blood loss after total knee arthroplasty	Lengua, María Antonia / Calvo, Víctor / Lisón, Alonso / León, Vicente
EFORT13-2232	Correlation between pre-operative planning and post-operative position of components in TKA operated with patient-specific positioning guides	Röhrli, Stephan / Snorrason, Finnur / Grøgaard, Bjarne / Van Leeuwen, Justin
EFORT13-2376	The use of patient demographics in predicting component size in Total Knee Arthroplasty	Bagga, Tajesh / Allgar, Victoria / Sisodia, Gurudattsingh / Fernando, Waduge

Lower limb

NR.	TITLE	AUTHORS
EFORT13-2547	Assessment of hidden blood loss following rapid rehabilitation in patients undergoing total knee arthroplasty: A case-control study	Yarlagadda, Rathan / John, John / Graham, Niall / Dhawan, Rohit
EFORT13-2570	Unicompartmental knee arthroplasty	Kavcic, Gregor / Bedencic, Klemen
EFORT13-2598	Novel virtual surgery method for the development of patient-specific finite element models to assess post-TKR bone remodeling	Taff, Clarence / Larson, Brad / Schmidt, Walter / Spalazzi, Jeffrey
EFORT13-2640	Comparison of SPECT/CT findings and histology of subchondral bone and articular cartilage in severe osteoarthritic knees	Han, Hyuk-Soo / Kang, Seung-Baik
EFORT13-2645	Comparison of anterior and posterior reference technique on the femoral posterior condylar offset and knee flexion after TKA	Han, Hyuk-Soo / Kang, Seung-Baik
EFORT13-2754	Using metaphyseal sleeves in revision surgery of the knee	Castillo Palacios, Andrés / Torres Campos, Antonio / Estella Nonay, Ruben / Ezquerro Herrando, Laura / Seral García, Belén / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-2781	Sloped tibial insert reduces excessive contact stress caused by PCL over-tightness in CR TKA	Angibaud, Laurent / Gao, Bo
EFORT13-2798	Wound outcomes comparing the usage of drains vs no drains in total knee arthroplasty	Chan, Oliver / Moiz, Malik / Guo, Shigong
EFORT13-2823	Total Knee Arthroplasty in patients over 80 years compared with a younger group . Results and complications	Moreno García, Alonso / Pelaz Berdullas, Leire / Leal Helming, José / Bello Prats, Santiago / Valverde Villar, Ana María
EFORT13-2891	The effect of biplane medial opening wedge high tibial osteotomy on patellofemoral joint indices	Lee, Suk-Ha / Nathawat, Kuldeep / Jeon, Seung-Hyub / Yang, Jae-Hyuk / Oh, Kwang-Jun
EFORT13-3028	Influence of femoral block on quadriceps strength recovery (QSR) after Total Knee Replacement	Angers, Michèle / Vachon, Jessica / Belzile, Etienne / Bédard, Luc / Pelet, Stéphane
EFORT13-3154	The contribution of the configuration of the osteotomy in the stability of the valgus high tibial osteotomy used for the correction of the varus knee: A biomechanical study	Politis, Aggelos / Xenakis, Theodoros / Stavlas, Panagiotis
EFORT13-3173	Is local administration of tranexamic acid effective in reducing blood loss and transfusion requirements following Total Knee Arthroplasty in the absence of surgical drains?	El Shafie, Sherif / Kidd, Alexander / Twyman, Roy / Craik, Johnathan
EFORT13-3206	The accuracy of femoral component rotation in navigation-assisted Total Knee Arthroplasty using a measured resection technique	Jung, Ho-Joong / Song, Kwang-Sup / Lee, Jae-Sung / Kim, Jae-Yoon / Yang, Jae Jun / Lee, Han-Jun
EFORT13-3218	Can a posterior condylar cartilage thickness affect the femoral component rotation and patello-femoral alignment in TKAs?	Jung, Ho-Joong / Lee, Jae-Sung / Kim, Seong-Hwan / Jung, Hyung-Suk / Lee, Han-Jun
EFORT13-3223	Postoperative complications of anterior cruciate ligament reconstruction surgery in a series of 1269 patients	Adam, Athanasios / Papastergiou, Stergios / Koukoulis, Nikolaos / Papadopoulos, Alexandros / Lola, Despina / Konstantinidis, Georgios
EFORT13-3275	Do long leg supine CT scanograms correlate with weight-bearing full length radiographs to measure lower limb coronal alignment?	Hassaballa, Mohammed / Robinson, James / Porteous, Andrew / Murray, James / Gbejuade, Herbert



Lower limb

NR.	TITLE	AUTHORS
EFORT13-3323	Anterior knee pain in young adults: Tibial tuberosity Trochlear groove distance, Lateral Trochlear Index and patella height measurement have little diagnostic value	Ashraff, T. / Raj, D. / Patel, Vishal
EFORT13-3343	Syngeneic, minor mismatched, and major mismatched transplantation of synovial mesenchymal stem cells in a rat massive meniscal defect model at 2,4 and 8 weeks	Sekiya, Ichiro / Horie, Masafumi / Koga, Hideyuki / Ozeki, Nobutake / Tsuji, Kunikazu / Yoshiya, Shinichi / Muneta, Takeshi / Okuno, Makiko
EFORT13-3346	Open wedge high tibial osteotomy using biplanar retrotubercular osteotomy in medial compartment gonarthrosis : Comparison of Aescula plate and Tomofix plate	Park, Jong-Soo / Cheon, Sang-Ho / Kim, Jun-Young / Kyung, Hee-Soo
EFORT13-3396	Outcomes of rotating hinge knee in revision arthroplasty - Analysis of 108 cases with mean follow up of 4 years	Taylor, Lee / Rao, Biyyam
EFORT13-3497	Primary Total Knee Arthroplasty in patients with Parkinson's disease: A case controlled comparative study of short to medium term outcomes	Cochrane, Lynda / Singer, Brian / Tinning, Craig
EFORT13-3523	Swelling after Anterior Cruciate Ligament reconstruction	Haddad, Fares / Patel, Rahul / Thacker, Michael / Paton, Bruce
EFORT13-3564	A prospective study comparing early results of TKR using custom made form fitting cutting blocks with a standard technique	Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
EFORT13-3566	Concomitant administration of indirect factor Xa inhibitor in patients with inhibitors of fibrinolysis use following Total Knee Arthroplasty : A prospective randomized controlled trial	Kim, Kang-Il / Lee, Sang-Hak / Lee, Seung-Hyuk / Kang, Dong-Geun
EFORT13-3627	Hemicap- and Unicap – miniprosthesis and Hemicap patellofemoral (PF) – and PF-xl (Wave) – miniprosthesis	Laursen, Jens
EFORT13-3641	Surgical options and radiological reconstruction in cemented Total Knee Replacement	Rodríguez-Merchán, Emérito / Ortega-Andreu, Miguel / García-Rey, Eduardo / Fernández-Fernández, Ricardo
EFORT13-3665	Post operative knee society scores following Oxford unicompartmental knee replacement in a District General Hospital: A single surgeon series of 100 cases	Roy, Stuart / Harding, Richard
EFORT13-3680	Evaluation of trochlear dysplasia using MRI: Correlation between the classification system of Dejour and objective parameters	Nelitz, Manfred / Reichel, Heiko / Lippacher, Sabine / Dornacher, Daniel
EFORT13-3711	The accuracy of component alignment in custom cutting blocks TKA : A comparative study in 80 cases	Wangwittayakul, Visit / Khuangsirikul, Saradej / Foojareonyos, Trakul / Chotanaphuti, Thanainit
EFORT13-3714	Targeted preoperative autologous blood donation in Total Knee Arthroplasty: The hospital for special surgery blood preservation center experience	Bou Monsef, Jad / Buckup, Johannes / Marx, Robert / Ranawat, Amar / Mayman, David / Boettner, Friedrich
EFORT13-3795	Nanohydroxyapatite promotes healing process in open wedge high tibial osteotomy: A CT study	Mazza, Daniele / Bolle, Gabriele / Redler, Andrea / Conteduca, Fabio / Argento, Giuseppe / Cristiano, Lara / Iorio, Raffaele / Pagnottelli, Marco / Ferretti, Andrea / Di Sette, Priscilla
EFORT13-3800	Influence of cementation technique on blood loss after Total Knee Arthroplasty	Musser, Ewald / Kastner, Norbert / Gruber, Gerald / Friesenbichler, Jörg / Leithner, Andreas / Sadoghi, Patrick

Lower limb

NR.	TITLE	AUTHORS
EFORT13-3802	Epidemiology and surgical technique of Total Knee Arthroplasty: A comparative analysis using worldwide knee arthroplasty registers	Friesenbichler, Jörg / Kastner, Norbert / Leithner, Andreas / Sadoghi, Patrick / Vielgut, Ines
EFORT13-3812	PRP for osteoarthritis knee pain: Is it worth for patient?	Rodríguez Gómez, Luciano / Barastegui, David / Celaya Reoyo, Gorka / Diaz Ferreiro, Eugenio / Ramírez Ruiz, Guillermo / Joshi, Nayana
EFORT13-3867	Computer-assisted surgery as indication of choice: Total Knee Arthroplasty in case of retained hardware or extra-articular deformity	Ben Ayad, Rida / Amendola, Luca / Fosco, Matteo / Tigani, Domenico
EFORT13-3876	Knee osteoarthritis in patients with poliomyelitis managed with rotating-hinged prosthesis	Ben Ayad, Rida / Amendola, Luca / Fosco, Matteo / Tigani, Domenico
EFORT13-3881	The anatomical reconstruction of popliteal fibular ligament for the postero lateral structure injury	Kanisawa, Izumi / Takahashi, Kenji / Sakai, Hiroki / Nagamine, Tomonori / Tsuchiya, Akihiro
EFORT13-3907	The effect of early progressive resistance training for patients after unicompartmental knee arthroplasty	Bogh, Søren / Soballe, Kjeld / Odgaard, Anders / Sørensen, Henrik / Mechlenburg, Inger / Jørgensen, Peter Bo
EFORT13-3951	Perfect gap making system in Total Knee Arthroplasty: Resolution of the component gap problem	Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Miura, Yoko / Tamaki, Tatsuya / Kaneyama, Ryutaku
EFORT13-3982	Fatigue fracture of the femoral component of a total knee prosthesis: A rare cause for knee pain	Sarraf, Khaled / Abdul-Jabar, Hani / Singer, G / Shah G. / Wharton, Rupert
EFORT13-3988	Anatomical single femoral tunnel anterior cruciate ligament reconstruction is just enough	Mojtahed Jaberi, Fereidoon
EFORT13-4065	Oxford unicompartmental knee replacement: 10 to 20 year follow-up study from an independent centre	Keys, Graham / Nagy, Mathias
EFORT13-4183	New approach to ensure proper medio-lateral balance with varus contracture of knee	Tanaka, Yasuhiro
EFORT13-4196	Femoral rotation in Total Knee Arthroplasty: A comparison of patient individualized jigs and gap balancing	Jaeger, Sebastian / Rieger, Johannes / Fitz, Wolfgang / Bitsch, Rudi
EFORT13-4206	The novel use of tantalum acetabular augments in severe bone loss during revision knee arthroplasty	Mayahi, Reza / Price, Andrew / Whitwell, Duncan / Jackson, William / Erturan, Gurhan
EFORT13-4250	Bone defect in revision knee arthroplasty	Trsek, Denis / Medancic, Nenad / Haspl, Miroslav
EFORT13-4258	Outcome of secondary patellar resurfacing	Dudhniwala, Gaffar / Davies, Andrew / El Sayad, Mouhamed
EFORT13-4277	Prevalence of the chondral defects: A retrospective study of 1000 knee arthroscopies	Strahonja, Borna / Medancic, Nenad / Trsek, Denis / Haspl, Miroslav
EFORT13-4288	The X-ray assessment of the transtibial and transportal tunnel positioning in the ACL reconstruction	Wnuk, Tomasz / Kosior, Piotr / Kozak, Lukasz / Walawski, Jacek / Jaromir Jan Jarecki, Jarecki
EFORT13-4369	A rare case of Total Knee Arthroplasty infected with Serratia marcescens	McNicholas, Michael / Odak, Saurabh / Mahmoud, Samer
EFORT13-4374	Rate of bacterial resistance after using antibiotic loaded cement in total knee arthroplasty	Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Pelfort López, Xavier / Montserrat Ramón, Ferran / Puig Verdíé, Lluís / Guirro Castellnou, Pau

Lower limb

NR.	TITLE	AUTHORS
EFORT13-4519	Medial patellofemoral ligament reconstruction for the recurrent patella dislocation with a tibialis anterior allograft	Kim, Nam Ki / Yoo, Jae Doo
EFORT13-4540	Modified adductor sling technique of the medial patellofemoral ligament reconstruction in skeletally immature patients	Kim, Nam Ki / Yoo, Jae Doo
EFORT13-4549	Pathologic tibia tubercle - Trochlea groove distance (TT-TG) - It is not always the tibia tubercle	Scheurecker, Georg / Högler, Richard / Labey, Luc / Innocenti, Bernardo / Hofmann, Siegfried / Seitlinger, Gerd
EFORT13-4587	What are the Greek physiotherapists' views on rehabilitation practice of patients undergoing total knee replacement? A cross-country survey	Gliatis, John / Billis, Evdokia / Tsepis, Elias / Gleeson, Nigel / Moutzouri, Maria
EFORT13-4599	Risk factors for a post-operative neutrally aligned total knee arthroplasty developing fixed flexion: A two year follow up	Chong, Hwei-Chi / Chin, Pak-Lin / Chia, Shi-Lu / Tay, Darren / Lo, Ngai-Nung / Yeo, Seng-Jin / Silva, Amila
EFORT13-4616	Does femoral back wall failure affect the functional results of arthroscopic anterior cruciate ligament surgery?	Erdil, Mehmet / Bilsel, Kerem / Tuncay, Ibrahim / Acar, Mehmet / Yel, Mustafa / Tunçer, Nejat / Elmadag, Mehmet
EFORT13-4660	Arthroscopic lysis of adhesions for the stiff TKA: Overall results and reliability of gravity flexion as a prognostic indicator of ultimate knee flexion	Post, Zachary / Orozco, Fabio / Tjoumakaris, Fotios / Younger, Victoria / Ong, Alvin
EFORT13-4690	Activity participation in young Total Knee Arthroplasty patients	Orozco, Fabio / Delasotta, Lawrence / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4701	Patellar impingement on tibial polyethylene: Is it a problem in modern posterior stabilized total knee arthroplasty?	Ong, Alvin / Hwang, Seung-Hyun / Ahn, Hye-Sun / Lee, Su-Chan / Jung, Kwang-Am / Hwang, Byoung-Yoon
EFORT13-4717	Posterior dislocation of the Oxford knee meniscal bearing - An alternative management option	Pandit, Hemant / McLardy-Smith, Peter / Tibrewal, Sheo / Murray, David / Tibrewal, Saket
EFORT13-4718	The prevalence of cognitive dysfunction and predisposing factors in patients undergoing total knee arthroplasty	Joo, Jong-Hwan / Jung, Kwang-Am / Lee, Su-Chan / Ong, Alvin / Ahn, Hye-Sun / Hwang, Byoung-Yoon
EFORT13-4750	Rotating hinge knee replacements - A review of the available options, their design characteristics, and suitability for the varied surgical indications	Hassaballa, Mohammed / Robinson, James / Murray, James / Porteous, Andrew / Ansari, Aneel
EFORT13-4758	Bone morphology risk factors for ACL rupture in athletes: Radiographic method to be considered in pre-participation screening	Fernandes, Margarida / Pereira, Rogério / Monteiro, Alberto / Oliveira, Joaquim / Reis, Rui / Espregueira-Mendes, João / Pereira, Hélder
EFORT13-4825	Improving the accuracy to diagnose Anterior Cruciate Ligament rupture using Lachman, anterior drawer, and pivot shift associated with the new lever test	Di Turi, Paola / Domini, Marcello / Lelli, Alessandro / Pegreff, Francesco
EFORT13-4870	Total Knee Arthroplasty can be safe in the super morbidly obese	Orozco, Fabio / Callinan, Sarah / Huang, Ronald / Bercik, Michael / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4888	The evaluation of posterior condylar offset and knee flexion in TKA with the femoral posterior pre-cut technique	Kaneyama, Ryutaku / Fukuda, Hideaki
EFORT13-5022	Two level Femur Osteotomy in adult with osteogenesis imperfecta and osteoarthritis knee - 3 year follow up	Green, Timothy / Srinivasan, Suresh
EFORT13-5056	One-year persistence of knee pain in adolescents between 12 and 15 years	Baird, William / Olesen, Jens / Roos, Ewa / Christensen, Birgitte / Rathleff, Michael / Rasmussen, Sten / Rathleff, Camilla

Lower limb

NR.	TITLE	AUTHORS
EFORT13-5069	Preventive peroneal neurolysis for RA-associated severe knee deformity	Ojima, Tomohiro
EFORT13-5125	Successful outcome following microfracture of the patellofemoral joint with unrestricted ROM rehabilitation	Martin, David / Asopa, Vipin
EFORT13-5242	Is it possible to introduce UKA as one-day surgery and still get satisfied patients ?	Troldborg, Charlotte / Kristensen, Per / Appel Holm, Henriette
EFORT13-5302	Systemic effects of polymethylmethacrylate in Total Knee Arthroplasty. A prospective case control study	Cheng, Kenneth / Giebaly, Dia Eldean
EFORT13-5309	Open-wedge high tibial osteotomy application without bone graft	Kacira, Burkay / Arazi, Mehmet / Acar, Mehmet / Elmadag, Mehmet / Ceylan, Hasan
EFORT13-5327	Treating tibial stem tip pain in revision knee arthroplasty with the simple use of a locked bridging plate	Agarwal, Sanjeev / Ghatahora, Ameet
EFORT13-5339	Robot-assisted, patient-specific, unicompartmental knee arthroplasty: Analysis of 40 procedures	Aqil, Adeel / Cobb, Justin / Manning, Victoria / Barrett, Adrian / Andrews, Barry
EFORT13-5342	The sealing of the intramedullar femoral canal after TKA does not reduce the postoperative blood loss. A prospective randomized study	Pelfort López, Xavier / Gil González, Sergi / Puig Verdí, Lluís / Hinarejos, Pedro / Pérez-Prieto, Daniel / Leal, Joan / Montserrat Ramon, Ferran / Torres-Claramunt, Raul
EFORT13-5393	Patellar tilt – An easy and accurate method to evaluate it	Peixoto, Ana Sofia / Fonseca, Fernando / Oliveira, João Pedro
EFORT13-5434	Relationship between Tibialis Anterior muscle strength and functional activity level in patients with end- stage gonarthrosis	Basar, Selda / Selek, Hakan / Kafa, Nihan / Özer, Hamza / Çitaker, Seyit
EFORT13-5508	Effects of obesity on functional performance in patients with Total Knee Arthroplasty	Basar, Selda / Özer, Hamza / Selek, Hakan / Çitaker, Seyit / Kafa, Baris / Kafa, Nihan
EFORT13-5549	Goniometric measurements of extension in Total Knee Arthroplasty patients: In different body positions	Basar, Selda / Özer, Hamza / Selek, Hakan / Çitaker, Seyit / Kafa, Baris / Kafa, Nihan
EFORT13-5572	Impact of change of knee prosthesis on early clinical outcomes in a large volume arthroplasty centre	Tzinga, N. / Fiddian, Nick / D'Mello, Oli / Harvey, Adrian / Moonot, Pradeep
EFORT13-5588	Cell regeneration after two years in a meniscal implant Actifit®	Pelfort López, Xavier / Torres-Claramunt, Raul / Gil González, Sergi / Martínez Díaz, Santos / Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Puig Verdí, Lluís / Sánchez-Soler, Juan Francisco
EFORT13-5616	Closed suction drainage in total knee replacement. A randomized, prospective study	Zammit, Sharon / Abela, Massimo / Camilleri, Martin
EFORT13-5621	Semimembranosus tendonitis caused by extruded cement following a medial uni-compartmental knee replacement	Knapp, Thomas / Taggart, Tom / Radcliffe, Graham / Loughenbury, Peter
EFORT13-5646	Does malrotation of components correlate with patient dissatisfaction following secondary patella resurfacing?	Harvey, Adrian / Bhattee, Ghias / Govindaswamy, Raj / Fiddian, Nick / Pope, Andy / Moonot, Pradeep
EFORT13-5684	Which preoperative factors predict postoperative early stage functional level after Total Knee Arthroplasty?	Özer, Hamza / Selek, Hakan / Basar, Selda / Çitaker, Seyit / Kafa, Nihan
EFORT13-5705	The use of the Oxford partial knee replacement in the elderly population; A knee for life?	Jha, Shipra / Edmondson, Mark / Miles, Kim / East, Debra / Apthorp, Hugh / Goddard, Richard / Butler-Manuel, Adrian / Davidson, Jerome

Lower limb

NR.	TITLE	AUTHORS
EFORT13-5763	Topical Haemostatic Reduces Blood Transfusion Requirements After Total Knee Revision Surgery.	Romanò, Delia / Romanò, Carlo Luca / Logoluso, Nicola
EFORT13-5764	The natural course of spontaneous osteonecrosis of the knee (SPONK). A knee survival analysis of 40 untreated patients diagnosed in 1983-1990	Geijer, Mats / Jureus, Jan / Tägil, Magnus
EFORT13-5808	Is perceived pain while imagining the activity reliable?	Basar, Selda / Kafa, Nihan / Selek, Hakan / Çitaker, Seyit / Özer, Hamza
EFORT13-5906	Does night pain improve following a total knee replacement?	Yarlagadda, Rathana / McAllen, Christoph / Fekry, Helmy / Murphy, Nora / Taylor, Clare
EFORT13-5912	The survival rate of patellofemoral replacement and Total Knee Replacement used to treat severe isolated patellofemoral arthritis. A systematic review of the english literature	Parsons, Nicholas / Fernández, Miguel / Costa, Matthew / Odumenya, Michelle
EFORT13-5952	Radiological outcomes of the Bereiter trochleoplasty	Dhillon, Manpreet / Spalding, Tim / Thompson, Peter / Hutchinson, Charles / Odumenya, Michelle
EFORT13-6003	Clinical outcome of posterolateral corner reconstruction in multiligament injured knee: A Prospective study	Acharya, Kiran / Rao, Sripathi / Pandey, Vivek

Trauma

NR.	TITLE	AUTHORS
Trauma upper limb		
EFORT13-1201	Elbow dislocation with ipsilateral transverse midshaft radius and ulnar fractures: Report of a rare case and literature review	Ray, Pinak / Ferris, Barry / Gillott, Elizabeth
EFORT13-1273	Locked volar plate vs K-wires and external fixation in distal radius articular fractures	Nanescu, Ciprian / Dumitrescu, Mihnea / Tanase, Florin / Radulescu, Sorin / Dumitru, Costin
EFORT13-1812	Retrospective results of the treatment of 74 humeral shaft fractures: A tendency toward the surgical intervention	Salvador, Jordi / Clarés, Ibán / Quintas, Saioa / Anglés, Francesc / Castillón, Pablo
EFORT13-1906	Treatment of proximal humerus fractures in childhood: Our experience	Riccioli, Maria / Cannavò, Luca / Sessa, Giuseppe / Costarella, Luciano / Buscema, Antonio / Testa, Gianluca / Pavone, Vito
EFORT13-1914	Transdeltoid approach for plate osteosynthesis with angular stability in proximal humeral fractures	De Santis, Pierfrancesco / Rota, Pierpaolo / Rota, Attilio
EFORT13-2082	Peripheral Hospital experience of unstable distal radius fracture management	Farhan, Munthir / Panezai, Jamil / Ali, Imran
EFORT13-2171	Percutaneous plating for comminuted midshaft fractures of the clavicle: A surgical technique to aid the reduction with the nail-assistance	Oh, Chang-Wug / Oh, Jong-Keon / Yoon, Jong-Pil / Kim, Joon-Woo / Na, Sang-Bong / Kyung, Hee-Soo / Lee, Hyun-Joo
EFORT13-2315	Bilateral shoulder dislocation – 2 clinical cases	Alves, António / Pon, Jorge / Sequeiros, Jorge / Alves, Sandra
EFORT13-2453	New mini-invasive posterior approach for humerus plating	Mohamed, Mohamed Ali Ahmed

Trauma

NR.	TITLE	AUTHORS
EFORT13-2497	Patient Reported Outcome Measures in the non-operative management of acromioclavicular joint injuries	Morrell, Rebecca / Kent, Jonathan / Gower, Andrew / Jeavons, Richard
EFORT13-2529	Surgical treatment (ORIF) vs conservative management of distal radius fractures in elderly patients. Preliminary report	Rodríguez-Merchán, E. Carlos / Rubio Suárez, Juan Carlos / Zamora, Eduardo
EFORT13-2673	Proximal humeral fractures - Clinical results and complications	Correia de Jesus, Marcos / Martins, Samuel / Monteiro, Jacinto / Sarmento, Marco
EFORT13-2809	External fixation in intraarticular distal radius fractures: Short term results	Ezquerro, Laura / Blanco, Nieves / Castillo, Andrés / Torres, Antonio / Seral García, Belén / Albareda, Jorge / Corella, Eduardo
EFORT13-2914	An interesting case of Tumoral Calcinosis of the index finger following trauma	Shyamalan, Gunaratnam / Gerakopoulos, Efstratios
EFORT13-2989	Clavicle fractures - Rockwood pins?	Rhee, Shin-Jae / Hamad, Abdulkader / Sur, Avtar / McClelland, Damian / Dewan, Varun
EFORT13-2992	Ulna nightstick injuries - Simple fracture, complex problem?	Stevens, Rick / Wright, John / Tomlinson, James
EFORT13-3007	Distal radius fracture - Does an associated ulna styloid fracture effect the outcome?	Gadell, Pia / Tägil, Magnus / Abramo, Antonio
EFORT13-3025	A new approach for floating clavicle	Ratté-Larouche, Mathieu / Pelet, Stéphane
EFORT13-3060	Retrospective comparison of external fixation versus volar locked plate in the treatment of unstable intraarticular distal radius fractures	Kurt, Cengizhan / Coskunol, Erhan / Kumbaraci, Mert / Karapinar, Levent / Kucuk, Levent
EFORT13-3077	A comparison of anatomic locking plate fixation and tension band wiring in the treatment of olecranon fractures	Erdil, Mehmet / Bilsel, Kerem / Tunçer, Nejat / Çayır, Tahsin / Tuncay, Ibrahim / Polat, Gökhan / Elmadag, Nuh
EFORT13-3079	Distal humerus fracture, treated with double plate parallel osteosyntheses in elderly osteoporotic patients	García Alonso, Manuel / Alonso García, Noelia / Pérez Bermejo, Diego / Aguado Maestro, Ignacio / Cebrián Rodríguez, Elisa / Herreros López, Ramón / Aguado Hernández, Hector / García García, Javier
EFORT13-3091	Proximal humerus fracture treatment with locking plate MIS	Aguado Hernández, Héctor / García Alonso, Manuel / Alonso García, Noelia / Pérez Bermejo, Diego / Aguado Maestro, Ignacio / Cebrián Rodríguez, Elisa / Herreros López, Ramón / Álvarez García, Verónica / García García, Javier
EFORT13-3147	Osteosynthesis of fractures of the distal end of the humerus using Lambda plate. About a continuous series of 75 fractures	Rouchy, René-Christofer / Saragaglia, Dominique
EFORT13-3170	Is it necessary to put a splint under a Colles' plaster cast?	Reyes Jiménez, Alejandro / Natividad Pedreño, Moisés / Delgado Martínez, Alberto / Carrascal Morillo, María / De la Hoz García, Miguel / Espejo Reina, Alejandro
EFORT13-3242	Intramedullary clavicle Rod fixation: The Doncaster experience	Qureishi, Ford / Ali, Imran
EFORT13-3298	Removal of metalwork following open reduction and internal fixation of olecranon fractures	McKenna, Rosaleen / Rymaszewski, Lech / Campton, Luke / Mahmood, Fahd
EFORT13-3417	Fluoroscopy in trauma surgery: Assessing adequacy and evaluating the risk	Sinnott, Matthew / Lovell, Martin / Street, Elliot
EFORT13-3763	Lesser arc wrist injuries: surgical management and outcomes	Margetic, Petra / Malovic, Mario / Uremovic, Melita / Pavic, Roman

Trauma

NR.	TITLE	AUTHORS
EFORT13-3851	Paediatric diaphyseal forearm fractures – Treatment modalities and outcome	Webb, Mark / De Gheldere, Antoine / Shields, David
EFORT13-3874	Evaluation of bridge plate osteosynthesis for complex periarticular fractures in the hand and wrist	Power, Dominic / Kritiotis, Constantinos / Tan, Simon / Simpson, Claire / Lawson-Smith, Matthew
EFORT13-3901	Review of Philos plate fixation in proximal humerus fractures	King, Amanda / Yewlett, Alun / Williams, Rhys / Brooks, Francis
EFORT13-3978	Loss of reduction of distal radius fractures treated by external fixation: A study of 59 cases	Farah, Zeina / Nassar, Lara / Schuind, Frédéric / Farah, Nassif
EFORT13-4025	A prospective study of the quality of hand trauma referrals made to a tertiary UK hand trauma centre	Tare, Makarand / Mussa, Mohamed
EFORT13-4086	Greater arc wrist injuries: Operative management and outcomes	Magetic, Petra / Malovic, Mario / Uremovic, Melita / Pavic, Roman
EFORT13-4221	Epidemiology of humerus shaft fractures	Austin, Luke / Tjoumakaris, Fotios / Bercik, Michael / Ong, Alvin
EFORT13-4428	Distal radial fractures. A comparison of the results of a non bridging external fixation, a bridging external fixation and a ORIF technique	Theodorakis, Emmanouil / Laurenti, Filippo / Potestio, Domenico
EFORT13-4429	Arthroscopic stabilization for acromioclavicular dislocation by a loop technique	Brotat Rodríguez, María / Yagüe Solís, Fernando / Beltrán de Heredia Rentería, Pablo / Rodríguez-Monsalve Milano, Fiona / León Andrino, Alejandro / García Medrano, Belén
EFORT13-4514	Posterior elbow dislocation associated rear radial ipsilateral shaft fracture. A rare combination	García Albea, Raquel / Jiménez Gómez, Francisco / Sánchez Martos, Maximilian
EFORT13-4547	Minimally invasive plate osteosynthesis of humeral shaft fractures with a helical plate	Kwon, Hyuknam / Lee, Thae-hun / Moon, Jungyu
EFORT13-4733	Reduction in radiation exposure with the mini C-arm in upper limb surgery	Bawale, Rajesh / Yousofi, Thamina / Singh, Bijayendra / Berber, Onur
EFORT13-4735	Dual plating and grafting for the treatment of humeral shaft nonunion	Intzirtzis, Panagiotis / Triantis, Petros / Psychoyios, Vasileios / Thoma, Sofia
EFORT13-4793	Internal fixation of displaced proximal humeral fractures with Philos plate	Grosso, Elena / Rollero, Luca / Battiston, Bruno / Maderni, Alberto / Martinasso, Alberto / Matteotti, Renato / Sisto, Riccardo
EFORT13-4832	Distal humeral fractures – Conservative management in selected cases	Brownson, Nicholas / Henderson, L. / Rymaszewska, M. / Mc Eachan, Jane / Elliott, J. / Rymaszewski, Lech / Anakwe, Raymond
EFORT13-4972	Double pilon fracture of radius in combination of scaphoid fracture: A new fracture pattern in patients who fell from high	Gök, Bilal / Yagci, Ismail / Eren, Osman / Sezer, Hasan Basri / Armagan, Raffi
EFORT13-5020	Open irreducible dorsal fracture/dislocation of the four ulnar metacarpophalangeal joints: A case report	Torres, João / Gutierrez, Manuel / Silva, Sérgio / Pinto, Rui / Monteiro, Eurico
EFORT13-5047	Primary shoulder dislocation after 50 years: Six month observational study of a cohort of 62 patients	Bigorre, Nicolas / Hoppe, Emmanuel / Hubert, Laurent / Bizot, Pascal / Lancigu, Romain
EFORT13-5202	Management of the complex scaphoid non-union with the Medial Femoral Condyle free vascularised graft	Power, Dominic / Tan, Simon / Crawford, Louise / Craigen, Michael / Jose, Rajive / Simpson, Claire / Lawson-Smith, Matthew

Trauma

NR.	TITLE	AUTHORS
EFORT13-5250	Femoral acetabular impingement: Is FAI a predictor of radiological hip osteoarthritis in osteoporotic hip fracture patients?	Sathis, Varan / Koh, Joyce / Howe, Tet Sen / Fook, Stephanie / Lee, Ai Ye Janise
EFORT13-5257	A Gustillo type IIIB open forearm fracture due to gunshot injury: A case report	Botton, Miguel / Fernandes, Pedro / Soares do Brito, Joaquim / Rocha, Pedro / Fernandes Teixeira, Joana Helena
EFORT13-5306	Displaced olecranon fractures: Outcome in a busy District General Hospital.	Badhesha, Jaswant / Clark, Andrew / Spence, Stephanie / Shaw, Colin / Ayana, Gamada
EFORT13-5392	Surgical fixation of acromioclavicular joint disruption treated with endobutton and suture anchor: A prospective study	Nag, Hira Lal / Banerjee, Sumit / Digge, Vijaykumar
EFORT13-5449	Nailing vs plating for humeral diaphyseal fractures	Deleanu, Bogdan / Vermesan, Dinu / Haragus, Horia / Prejbeanu, Radu
EFORT13-5757	Internal fixation of complex intra-articular fractures of the distal radius: The role of supplementary fixation and multiple plates	Mehta, Nisarg / Gillespie, Sharon / Bidwai, Amit / Cashin, Fiona / Brown, Daniel / Macfarlane, Robert
EFORT13-5832	Multiplanar vs monoplanar external fixation of distal radial fractures	Gogulescu, Nicolae / Gogulescu, Bogdan

Trauma lower limb

EFORT13-1116	Sutures reduce wound ooze following hip fracture surgery	White, David / Kealey, David / McCaffrey, Daniel / Stokes, Michael
EFORT13-1192	Management of pubic symphysis diastasis with locking plates: A report of 11 cases	Palvul, George / Dwyer, Jonathan / Lim, Justin / Hamad, Abdulkader
EFORT13-1250	Can bring something new Gotfried percutaneous compression plate in the osteosynthesis of trochanteric fractures of the hip?	Hualde, Ana / Albareda, Jorge / Gómez, Jesús
EFORT13-1298	Camera-free fluoroscopy based navigation system for accurate Gamma3 lag screw positioning – Outcome of conventional vs. navigated technique	Wendlandt, Robert / Jürgens, Christian / Burgkart, Rainer / Reimers, Nils / Schulz, Arndt
EFORT13-1309	Trend and management of perioperative anaemia and allogeneic blood transfusion (ABT) requirements in hip fracture over an eight-year period	Cuenca Espírrerz, Jorge / Carbonel Bueno, Ignacio / Salas García, Aranzazu / García Martínez, Beatriz / Ripalda, Jorge
EFORT13-1348	Incidence and outcome of open distal tibia & ankle fractures treated with internal and external stabilization techniques	Leitgeb, Johannes / Schuster, Rupert / Endler, Georg / Platzer, Patrick / Kovar, Florian
EFORT13-1383	Transition to a level 1 Major Trauma Centre and the subsequent effects this has on the management of fractured neck of femur patients with regards to the national BOAST guidelines	Refaie, Ramsay / Gray, Andrew / Hipps, Daniel / Downen, Daniel
EFORT13-1396	Screw-interlocking has minor impact on bone-screw stability and fracture-site micromotions in stable femoral neck fractures, a cadaveric study	Klaksvik, Jomar / Foss, Olav / Basso, Trude
EFORT13-1409	Clinical result of locking compression plate and dynamic hip system blade in trochanteric fracture	Wu, Kun-Chi / Chen, Chiang Sang

Trauma

NR.	TITLE	AUTHORS
EFORT13-1443	Prophylactic synthesis of contralateral hip fracture in osteoporotic patients	Gartonea, Dinu / Prundeanu, Andrei / Groseanu, Florin / Papp, Andrei / Cristea, Stefan
EFORT13-1462	Effectiveness of 'In-Cast' pneumatic intermittent pedal compression for the pre-operative management of closed ankle fractures: A clinical audit	Dodds, Michael / Daly, A. / D'Souza, Lester / Ryan, Katie
EFORT13-1523	The management of lower limb open fracture: The effect of the 2009 BAPRAS guidelines	Dickenson, Edward / Krkovic, Matija / Jordan, Robert / Marks, Avi
EFORT13-1562	Anticoagulant and antiplatelet therapy: Influence on mortality due to surgical delay	Olmedo-García, Nuria / Parra-Ruiz, Berta / García-Espasa, Celia / Agudo-Quilez, Marta
EFORT13-1626	Urinary catheter use with hip fracture patients: Are we killing with kindness?	Azman, Aaqil / Coupe, Ben / Ross, Steven
EFORT13-1630	Casualty department hip fracture checklist audit	Heath, Karen / Duckett, Stephen / Ross, Steven
EFORT13-1656	Complication rates for locking plate osteosynthesis of distal tibial fractures; our experience	Gray, Andrew / Green, Robert / Saeed, Danish
EFORT13-1687	Patella osteotomy and internal fixation with basket plate: A new approach for complex distal femoral fractures	Matejcic, Aljoša / Ivica, Mihovil / Tomljenovic, Mladen / Kuna, Tomislav / Vidovic, Dinko
EFORT13-1746	Hind foot nails in trauma	Bagouri, Elmunzar / Fearon, Paul / Shields, David
EFORT13-1825	Optimal management of posterior compartment of tibial condylar fractures	Lin, Kai
EFORT13-2028	Comparison of long-term results in the treatment of severe pilon fractures with monolateral external fixators and the Ilizarov method	Göğçeç, Mücahit / Canbora, Mehmet / Aykanat, Faruk / Polat, Atila
EFORT13-2064	Internal fixation of Garden I and II femoral neck fractures. Posterior tilt did not influence the reoperation rate in 382 consecutive hips followed for a minimum of 5 years	Charalampidis, Anastasios / Rundgren, Johanna / Enocson, Anders / Lapidus, Lasse
EFORT13-2179	The type of hip arthroplasty in elderly population with neck of femur fractures and consideration of their mental status and mobility independence during pretrauma period	Kasum, Tomislav / Pajic, Aleksandar / Bilanovic, Miljan / Timotijevic, Sladjan
EFORT13-2194	Locked minimalinvasive plating (PCCP) versus fourth generation nailing (Trigen Intertan Nail) in unstable pertrochanteric femur fractures: A biomechanical evaluation	Gratl, Gertraud / Prescher, Andreas / Sellei, Richard / Kobbe, Philipp / Dienstknecht, Thomas / Pfeifer, Roman / Pape, Hans-Christoph / Lichte, Philipp / Pishnamaz, Miguel / Knobe, Matthias
EFORT13-2200	Minimal invasive and open surgical treatment of proximal tibia fractures using a polyaxial locking plate system: A prospective multi centre study	Jöckel, J. / Vincenti, M. / Erhardt, J. / Reissig, J. / Hoffmann, R. / Husain, B. / Täger, G. / Partenheimer, A. / Lill, H. / Gebhard, Florian / Röderer, Götz
EFORT13-2202	Survivorship of the uncemented Thompson hemiarthroplasty: A consecutive series of 1445 cases	Gallacher, Peter / Rhee, Shin-Jae / Roberts, Philip / Morley, David
EFORT13-2205	MRI: The 'gold standard' in diagnosing acute quadriceps tendon rupture	Petrie, Michael / Davies, Mark / Blundell, Chris / Perfitt, Joel

Trauma

NR.	TITLE	AUTHORS
EFORT13-2276	The neck of femur fracture care pathway: From the emergency department to the trauma unit. A prospective study on the assessment and management of pain in hip fracture patients	Courtney, Hannah / Indrakumar, Vithya / Wiese, Martin / Abraham, Alwyn / Palan, Jeya
EFORT13-2322	Atypical femoral fracture associated with long-term bisphosphonate use: Myth or reality?	Barroso de Oliveira, Marco / Xavier, Gabriel / Neves, Ana Sofia / Abranches, José / Paiva Ferreira, José / Soares Pires, Antonio / Marquez Correia, Frederico
EFORT13-2372	Bone loss after cemented and cementless hip hemiarthroplasty	Matejic, Aljoša / Ivica, Mihovil / Tomljenovic, Mladen / Kuna, Tomislav / Punda, Marija / Vidovic, Dinko
EFORT13-2387	Masquelet technique for the treatment of open tibial fractures with bone defects	Mangupli, Martin / Bruno, Pablo / Bustos, Damian / Gutiérrez Olivera, Natalia / Malvarez, Alejandro / Ruchelli, Luis / Salcedo, Leandro / Allende, Bartolome / Fernández Savoy, Ignacio
EFORT13-2395	The introduction of an orthogeriatric service to a large teaching hospital Improves outcomes for elderly patients with a proximal femoral fracture	Ollivere, Ben / Taylor, Andrew / Moran, Christopher / Gaden, Mark
EFORT13-2409	Edoxaban versus enoxaparin for the prevention of venous thromboembolism in patients who had proximal femoral fractures	Gotanda, Kiyokazu / Yasukatu, Matsubara / Yokosuka, Kimiaki / Tanaka, Kunihiko / Kumagai, Masaru
EFORT13-2520	The time of the THA after acetabulum fractures - What are the predictive factors?	Lesic, Aleksandar / Bumbasirevic, Marko / Senohradski, Kenan
EFORT13-2530	Effects of Montelukast sodium on tendon healing	Canbora, Mehmet / Akakin, Dilek / Aykanat, Faruk / Polat, Atilla
EFORT13-2579	Lesion of a. and v. femoralis in patient with bilateral subtrochanteric fracture - A case report	Bumbasirevic, Marko / Milosevic, Ivan / Micunovic, Ljubica / Zagorac, Slavisa / Lesic, Aleksandar
EFORT13-2585	Closed reduction and minimal invasive osteosynthesis in talus fractures	Radulescu, Radu / Nutiu, Octavian / Manolescu, Robert / Japie, Ioan / Ciobanu, Traian / Papuc, Alexandru / Terinte, Silvia / Ninulescu, Cristian / Radulescu, Dragos / Andoni, Vitali / Badila, Adrian
EFORT13-2630	Clinical characteristics of a distal tibial shaft fracture with a proximal fibular fracture type	Kim, Yeung Jin / Kim, Byung Soo / Chae, Soo Uk
EFORT13-2644	Three column classification and Schatzker classification: A three and two dimensional computed tomography characterisation and analysis of tibial plateau fractures	Lewis, James / Mohanty, Khitish / Paringe, Vishal / Haddad, Ziad / Patange Subba Rao, Sheethal Prasad
EFORT13-2690	Posterior acetabular arc coverage: An alternative assessment for instability of posterior fracture dislocation hip	Harnroongroj, Thossart / Suangyanon, Purinon
EFORT13-2729	Audit of vitamin D supplementation in hip fracture patients in UK	Bruce, Stuart / Popescu, Maria / Butler-Manuel, Adrian
EFORT13-2786	Ankle injury manipulation before or after X-ray - Does it influence success?	Divecha, Hiren / Javed, Saqib / Zubairy, Aamir / Hastie, Graham
EFORT13-2812	Second neck of femur fractures readmissions following an index surgically treated neck of femur fracture	Mohsen, Amr / Rigby, Alan / Menakaya, Chinyelu
EFORT13-2827	Does DCS-Plate Lead to Iatrogenic Fracture?	Celik, Ismail / Kucukdurmaz, Fatih / Esmer, Ali / Akpınar, Fuat / Aytekin, Mahmut
EFORT13-2830	Amount of the lateral cortex loss in the femur while inserting a DHS-plate: A morphometric cadaver study	Küçükdurmaz, Fatih / Esmer, Ali / Sağlam, Necdet / Akpınar, Fuat / Aytekin, Mahmut



Trauma

NR.	TITLE	AUTHORS
EFORT13-2851	Long locked wave plates and autologous bone graft for the treatment of lower limbs non-union	Mangupli, Martin / Bruno, Pablo / Bustos, Damian / Gutiérrez Olivera, Natalia / Malvarez, Alejandro / Ruchelli, Luis / Salcedo, Leandro / Jabif, Alberto / Allende, Bartolome / Fernández Savoy, Ignacio
EFORT13-2955	The physically best-fit hip fracture patients stay hospitalized due to logistic problems	Kristensen, Morten / Kehlet, Henrik / Palm, Henrik / Iheme, Pia
EFORT13-2957	High reliability of the Hvidovre Algorithm for hip fracture surgery	Ahler-Toftehoej, Hans-Ulrik / Siesing, Peter / Gylvin, Silas / Aasvang, Tobias / Holck, Kim / Holtz, Kenneth / Palm, Henrik / Posner, Eva
EFORT13-2973	Functional outcomes in syndesmosis repair – Does the screw really matter?	McDonald, Sinead / Stevenson, Michael / Street, Julia / Kealey, David / Tucker, Adam
EFORT13-3109	Comparative study of the proximal femoral nail antirotation vs the reconstruction nail in the treatment of comminuted proximal femoral fracture	Lin, Kai
EFORT13-3124	Controlling rotational stability of the knee in chronic anterior instability by a mixed / hybrid intra and extra articular hamstring graft. A retrospective study of 100 cases with a minimum 5-year follow up	Pison, Alexis / Saragaglia, Dominique
EFORT13-3209	Bilateral subtrochanteric fractures after long term use of biphosphonates	Aspros, Dimitrios / Pneumatikos, Spyridon / Tsiridis, Eleftherios / Kapetanios, Georgios / Keramaris, Nikolaos
EFORT13-3233	Cutting out. A main problem in the management of trochanteric fractures. Experimental and clinical examination	Friedl, Wilhelm
EFORT13-3297	Posterior acetabular arc coverage of clinical unstable posterior fracture dislocation hip	Harnroongroj, Thossart
EFORT13-3335	Knee prosthesis revision in complex fractures of the lower extremity	De Lucas y Cadenas, Pablo / Gómez Santos, Helena / Beano Aragón, Ángel / Hernández Galera, Carolina / Martínez Mendiña, Amaia / Pérez Exposito, Roque / Justo Astorgano, Cristina / Sanz Pascual, María Del Carmen
EFORT13-3359	Treatment of trochanteric hip fractures with the use long gamma nail. A retrospective study	Bisbinas, Ilias / Konstantinidis, Antonios / Gkouvas, Georgios / Savvidis, Matthaios
EFORT13-3369	WEB-APPLICATION to determine the injury severity and prediction the possibility to save the limbs	Golubev, Vitaly / Al-Nozeyli, Khaled / Golubev, George
EFORT13-3419	Evaluation of torsional, compressive and shear forces in five different fixation modes of Weber B ankle fracture	Pullin, Rhys / Holt, Catherine / Naveed, Masroor
EFORT13-3449	Minimally invasive percutaneous reduction and fixation of displaced calcaneal fractures: Surgical technique and radiographic analysis	Buckley, Richard / Arastu, Mateen / Sheehan, Brendan
EFORT13-3469	Hip and knee periprosthetic fractures: A review of 4 years	Correia, Frederico / Abranches, Jose / Sofia, Ana / Xavier, Gabriel / Ferreira, Paiva / Oliveira, Marco
EFORT13-3499	Predictors of 1-year mortality in elderly hip fracture patients in the south of Spain	Kristensen, Morten / Jiménez-Moleón, José / Ariza-Vega, Patrocinio
EFORT13-3522	Treatment of lower limb nonunion severe bone defects with trifocal bone transport, hyperbaric oxygen therapy, autologous bone graft and mesenchimal stem cells	Montanari, Giorgio / Di Motta, Daniele / Schuh, Reinhard / Mignani, Giuseppe / Girolami, Mauro / Bevoni, Roberto
EFORT13-3526	Periprosthetic fractures around a polished, tapered, cemented stem: a new and complicated challenge?	Westbrook, Anthony / Manktelow, Andrew / Phillips, Jonathan
EFORT13-3596	The development of the Dudley Grid, a useful audit and research tool for neck of femur fractures	Bhasin, Swati / Quraishi, Sohail / Gandhi, Maulik

Trauma		
NR.	TITLE	AUTHORS
EFORT13-3636	Salvage vs amputation of severe open leg fractures: The validity of scoring systems	Tartaglia, Nicola / Moretti, Lorenzo / Panella, Antonio / Piazzolla, Andrea / Solarino, Giuseppe / Moretti, Biagio / Mori, Claudio Maria
EFORT13-3646	In the treatment of posttraumatic limb length discrepancies the effectiveness of fixator assisted intramedullary nail: 2 cases	Kurtulmus, Tuhan / Saglam, Necdet / Saka, Gürsel / Öztürk, Ulas / Bakir, Ugur
EFORT13-3705	Traumatic knee dislocation, complications in the short, medium and long-term	Brotat Rodriguez, Maria / Palencia Ercilla, Jesús / Cortés Villar, Jesús Manuel / Del Canto Iglesias, Francisco / García Virto, Virginia / Vega Castrillo, Aurelio / García Medrano, Belén
EFORT13-3728	Early progressive strength training after hip fracture surgery seems effective in reducing postoperative knee-extension strength deficits	Bandholm, Thomas / Palm, Henrik / Kehlet, Henrik / Kristensen, Morten / Kronborg, Lise
EFORT13-3732	Postoperative local anaesthetic infiltration and infusion by indwelling catheter for patients with a hip fracture: An enhanced recovery initiative	Lees, Debbie / Ankers, Thomas / A'Court, Jamie / Reed, Mike / Harrison, William
EFORT13-3833	An audit of the initial management of open long bone fractures in a district general hospital	Selzer, Gunther / Chaudhry, Tahseen / Reddy, Krishna / Nandra, Rajpal
EFORT13-3839	Surgical management of displaced intracapsular femur fractures in a district general setting – Are we compliant?	Chan, Samuel / Iqbal, Mohammad Jawaid / Reddy, Krishna / Nandra, Rajpal
EFORT13-3843	Knee dislocation by low-energy trauma in a 13 year old obese girl	Rodrigues, Pedro / Carvalho, Manuel / Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Moura, Antonio / Pinto, Rui / Silva, Manuel / Antunes, Artur
EFORT13-3863	AO/OTA type C1 and C2 plafond fractures: Minimally invasive plating versus open reduction and internal fixation	Pérez, María Isabel / De la Red Gallego, María Ángeles / Santos, Ciro / Laguna Bercero, Esther / Pascual Carra, María / García Renedo, Raúl / Hernández Elena, Jesús / Pérez Aguilar, María / Rodríguez, Tamara
EFORT13-3971	Social drift following fracture neck of femur in patients living in their own home	Mitsiou, Konstantinos / Nanjayan, Shashi / John, Joby / Swamy, Girish / Abuzakuk, Tarek
EFORT13-3986	Prognostic factors of morbimortality in patients with hip fracture	Coscujuela Maña, Antonio / Agulló Ferrer, José Luis / Portabella Blavia, Federico / Gómez Vaquero, Carmen / Martí Esteve, Irene / Aparicio, María / Tramunt-Monsonet, Carlos / Romero Pijoan, Eudald
EFORT13-4073	Effect of screw type and screw number in fixation of medial malleolar fracture	Chiu, Fan-Yao / Su, Yu-Ping / Feng, Chi-kuang / Liu, Chien-Lin / Cheng, Yen-Wen
EFORT13-4077	Minimally invasive open reduction for the severely displaced calcaneal fracture	Ishii, Yoshinori / Takeda, Mitsuhiro / Sato, Junko / Noguchi, Hideo
EFORT13-4137	Treatment of an osteochondral defect with the Biopoly RS knee system. A case report	Logan, Martin / Tinning, Craig
EFORT13-4146	The minimally-invasive treatment of calcaneal fractures using external fixator: Focus on load and follow-up	Caiaffa, Vincenzo / Speciale, Domenico
EFORT13-4204	Regarding two cases: Open knee dislocations. A bibliographic review	Pérez, María Isabel / García, Sara / Arbona, Carmelo / De La Red Gallego, María Ángeles / Estellés, Luis / Hernández, Jesús / Rodríguez, Tamara / Santos, Ciro
EFORT13-4215	One-year functional outcome and short-term mortality after surgery for hip fracture	Cerbasi, Simone / Recano, Pasquale / Gambacorta, Monica / Misasi, Mario / Costa, Giovan Giuseppe / Mariconda, Massimo
EFORT13-4290	The previous functional status of patients with hip fracture determines the type of fracture	Coscujuela Maña, Antonio / Agulló Ferrer, José Luis / Portabella Blavia, Federico / Gómez Vaquero, Carmen / Tramunt-Monsonet, Carlos / Estrada, Paula / López Vives, Laura / Romero Pijoan, Eudald

Trauma

NR.	TITLE	AUTHORS
EFORT13-4322	Increased incidence of men with a hip fracture in the southern region of Copenhagen	Palm, Henrik / Kristensen, Morten
EFORT13-4338	We need consensus on the application of syndesmosis screws in ankle fractures	Johnson, Nicholas / Mangwani, J. / Patel, Vishal
EFORT13-4339	Construct validity of a virtual reality trauma simulator	Sugand, Kapil / Mutlu, F. S. / Standfield, Nigel / Cobb, Justin / Gupte, Chim / Akhtar, Kash
EFORT13-4350	A posterior approach in hip hemiarthroplasty is a major risk factor for dislocation with modern cemented stems and bipolar head	Månsson, Lukas / Olsson, Marianne / Hansen, Knut / Steensland, Erik
EFORT13-4478	Percutaneous balloon reduction and cement augmentation for calcaneal fracture in elderly. A promising technique	Akiki, Alain
EFORT13-4552	Is young-burgess classification related with mortality and morbidity? Analysis of 50 case	Turfan, Selim / Cavus, Umut / Unlu, Serhan / Buyukcam, Fatih / Aytekin, Mahmut
EFORT13-4582	Use of intramedullary nail SCN for treatment of supracondylar femoral and periprphotic knee fractures	García, Belén / Brotat Rodríguez, María / Palencia, Jesús
EFORT13-4645	Correlating the new KDIGO renal staging classification system with mortality in patient with hip fractures	Razik, Aisha / Bajekal, Rajiv / Alshameeri, Zeiad
EFORT13-4656	Dedicated clearance protocols improve length of stay and decrease complications in hip fracture patients	Huang, Ronald / Bercik, Mike / Post, Zachary / Orozco, Fabio / Younger, Victoria / Ong, Alvin
EFORT13-4700	Consent for hip fracture surgery	Asprou, Fotini / Singh, Rohit
EFORT13-4702	Angle stable versus ordinary locking screws in the tibial fractures fixated with an intramedullary nail	Muñoz Vives, Josep María / Masvidal Sanz, Didac / Arribas Agüera, Daniel / Vilabré Pagès, Neus / Froufe Siota, Miguel Angel / Vaño Pujol, Anna / Fernández Noguera, Nuria / Navarro Cano, Ester
EFORT13-4710	Treatment of tibial pilon fractures with the Ilizarov procedure	Kecojevic, Vaso / Lukic, Mirka / Vukajlovic, Bosko / Tomic, Sanja / Lalic, Ivica
EFORT13-4761	Is treatment induced chronic hypoglycemia in diabetic patients a causative factor for neck of femur fractures?	Goodman, James / Williams, Joy / Wan, Bettina / Shah, Nirav / Caldwell, Gordon / Ansari, Aneel
EFORT13-4766	Minimal osteosynthesis of distal tibia and fibular fractures with distal single anterolateral incision	Catma, Mehmet / Aydin, Aytekin / Altay, Murat / Tunc, Birol / Unlu, Serhan
EFORT13-4787	Calcaneal fracture in patient with a sever physico-toxic-emotional disorder	Cabañó, Ferran / Domínguez, Enrich / Castellanos, Juan / Closa, Francesca / Izquierdo, Oscar / Casulleras, Josep
EFORT13-4796	Nailing in periprosthetic femoral shaft fractures about hip arthroplasty stems	Piven, Igor / Semenisty, Alexey / Bliznets, Danil / Chelnokov, Alexander
EFORT13-4807	Total Hip Replacement in patients with hip fracture: A matched cohort study	Middleton, Scott / Keating, John / Moran, Matthew / Butler, Alison / Jenkins, Paul / Anakwe, Raymond
EFORT13-4815	Comprasion of results of 'percutenous reduction, grafting and canulated screw fixation' and 'open reduction, grafting and anatomical plate fixation' in treatment of Sanders type 2 and 3 calcaneal fractures	Sesen, Hakan / Osman, Ahmet / Altay, Murat / Demirkale, Ismail / Firat, Ahmet
EFORT13-4842	Does use of cement increase the risk of peri-operative morbidity and mortality in patients undergoing hemi-arthroplasty for fracture neck of femur?	Molathoti, Suresh / Tolat, Amit / Mohanlal, Paraskumar

Trauma

NR.	TITLE	AUTHORS
EFORT13-4879	Quantitative assessment of bone perfusion and vascularity in patellar fractures using gadolinium-enhanced MRI	Wellman, David / Sculco, Peter / Dyke, Jonathan / Klinger, Craig / Helfet, David / Lorch, Dean / Lazaro, Lionel
EFORT13-4885	Treatment of femoral neck fractures using a biologic implant: High union rates with minimal femoral neck shortening	Little, Milton / Berkes, Marschall / Helfet, David / Lorch, Dean / Lazaro, Lionel
EFORT13-4914	Admission to hospital in the months before a fractured hip is associated with increased mortality	Jørgensen, Henrik / Riis, Troels / van Der Mark, Susanne / Lauritzen, Jes / Duus, Benn / Madsen, Christian
EFORT13-4928	Prevalence of excessive alcohol consumption among hip fracture patients	Jørgensen, Henrik / van Der Mark, Susanne / Lauritzen, Jes / Duus, Benn / Riis, Troels
EFORT13-4957	Infracotyloid traumatic dislocation of hip: A case report	Armagan, Raffi / Karahasanoglu, Ümit / Ertogrul, Rodi / Eren, Osman / Sezer, Hasan Basri
EFORT13-5051	Patellar tendon rupture . Repair with suture anchors and reinforcement with semitendinosus tendon. Two cases	Vides, Manuel / Guerado Parra, Enrique / Godino, Manuel
EFORT13-5101	Traumatic soft tissue defects of the foot and alternatives in their plastic reconstruction	Penev, Preslav / Govedarov, Zahari / Boshnakov, Diko
EFORT13-5109	Re-audit of thromboprophylaxis for fractured neck of femur; Adherence to Policy & Guidelines	Mitra, Paramita / Vinayakam, Parthiban / Jeer, Parminder / Khor, Keng / Akhbari, Pouya / Aframian, Arash
EFORT13-5255	Retrograde intramedullary nailing in femoral fractures	Beletsky, Alexander / Bondarev, Oleg / Korzun, Aleh / Sitnik, Alexandre
EFORT13-5272	Percutaneous cerclage wiring for reduction of subtrochanteric femoral fractures	Kim, Jung-Jae / Kim, Ji-Wan / Oh, Hyoung-Keun / Shon, Oog-Jin / Park, Kichul
EFORT13-5351	Meniscal injury of knee: A descriptive study	Acharya, Kiran
EFORT13-5394	Perioperative analgesic use in intramedullary nailing: a comparison of practices in the United Kingdom and Malawi	Beckett, Kirsty / Griffin, Xavier / Djafari Marbini, Hosnieh
EFORT13-5451	The management of Schatzker IV-V-VI tibial plateau fractures and knee dislocations : The role of computed tomographic angiography (CTA) as part of a robust assessment protocol	Jones, Stephanie / Hancock, Nicholas / Higgs, David / Chapman-Sheath, Phillip / Dabasia, Hitesh
EFORT13-5460	An audit of implant sizes for intracapsular neck of femur fracture – Estimation in the absence of pre-operative templating	Jain, Neil / Knowles, D. / Glazewska, Agnieszka
EFORT13-5492	Acceptability, face and content validity of a virtual reality trauma simulator	Sugand, Kapil / Mutlu, F. S. / Standfield, Nigel / Cobb, Justin / Gupte, Chim / Akhtar, Kash
EFORT13-5515	Open fractures; management by junior medical staff cross covering orthopaedics	Harding, Richard / Bayley, Morgan
EFORT13-5561	Quadriceps tendon rupture – Analysis of 8 cases	Lopes, Ana / Alves da Silva, João / Gonçalves, Ricardo / Julio, Clara / Campos, Pedro / Magalhães, Glória
EFORT13-5657	Simultaneous bilateral quadriceps tendon rupture: A case series and a review of the literature	Vanhegan, Ivor / Pugh, Hannah / Patel, Rahul / Dala-Ali, Benan
EFORT13-5667	Open reduction and locked plating versus closed reduction and percutaneous screw fixation of articular calcaneal fractures	Deleanu, Bogdan / Andrei, Diana / Mioc, Mihai / Haragus, Horia / Prejbeanu, Radu / Vermesan, Dinu

Trauma

NR.	TITLE	AUTHORS
EFORT13-5721	Cemented revision stems in treatment for Rorabeck type II fractures: Report of two cases	Guerra, Ernesto / Barastegui, David / Nardi, Joan / Cáceres Palou, Enric / Palau, Edgar / Carrera, Lluís / Aguilar, Marc
EFORT13-5782	A comparison of fibre wire fixation vs tension band wiring for patella fractures	Shah, Munawar / Iqbal, Mohammad Jawaid / Chan, Samuel / Nandra, Rajpal
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EFORT13-5865	Salter-Harris type IV fracture of the distal tibia, associated with nonossifying fibroma of the fibula. Case report	Jerónimo, Rita / Botelho, Álvaro / Neves, Joaquim / Martins, Pedro
EFORT13-5871	Titanium compression plates with locking screws: Difficult removal?	Grosso, Elena / Rollero, Luca / Battiston, Bruno / Testa, Diego / Dolfin, Marco / Matteotti, Renato
EFORT13-5885	A multidisciplinary hip fracture pathway can optimise patient care and reduce mortality: A prospective audit of 161 patients	Shenouda, Michael / Radford, Warwick / Slick, Zak / Sayani, Junaid / Radha, Sarkhell
EFORT13-5928	Changes in the perception of simulation in Orthopaedic surgical training after using a Virtual Reality Trauma simulator	Sugand, Kapil / Mutlu, F. S. / Standfield, Nigel / Cobb, Justin / Gupta, Chim / Akhtar, Kash
EFORT13-5942	Ankle fracture fixation wound infection – Technique vs timing	Trickett, Ryan / Singh, Rohit
EFORT13-5951	Fractured neck of femurs: A 3-month study on the causes of mortality in a teaching hospital	Leong, Wie Yee / Harrison, Emily
EFORT13-5970	Femoral neck fractures: length of hospital stay according to fixation type and admission source	Tilley, Simon / Myint, Yulanda

Polytrauma / Pelvis

EFORT13-1156	Treatment of traumatic posterior dislocation of the hip joint associated with femoral head fracture	Cho, Hong Man / Sim, Ju Hyun / Chung, Woo Chill
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EFORT13-1603	Transition to a Major Trauma Centre in Central London. A prospective review of the change in workload and service delivery in a level two trauma unit becoming a level one major trauma centre	Gupte, Chim / Bhattacharya, Raj / Sinha, Ian
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EFORT13-2332	Management of patients with floating hip	Kumar, Senthil / Trikha, Vivek
EFORT13-2481	The role of PCT on the analysis of septic complications in polytrauma patients surgically treated for fractures	Sousa, Antonio / Raposo, Frederico / Valente, Luis / Moura Gonçalves, Antonio / Santos Carvalho, Manuel / Pinto, Rui / Duarte, Filipe

Trauma		
NR.	TITLE	AUTHORS
EFORT13-2531	Management of the C3 type open pelvic fracture	Wiegand, Norbert / Bukovecz, Tibor / Szabó, Tamás / Patczai, Balázs / Mintál, Tibor / Várhidy, László / Naumov, István
EFORT13-2919	Simultaneous intrapelvic and posterior approaches for treatment of complex acetabular fractures : Preliminary results of a prospective study	Trouilloud, Pierre / Mukish, Prikhest / Demangel, Alexandre / Martz, Pierre
EFORT13-2968	Posterior hip dislocation and acetabular fracture: Analysis of 20 consecutive cases	Poenaru, Dan / Anglitoiu, Bogdan / Tunesu, Bogdan / Totorean, Alina / Dragusanu, Silviu / Chiriac, Sorin / Dagla, Radu / Popescu, Mircea Radu
EFORT13-2982	Surgical treatment and expected results of the unstable AO/OTA type C pelvic injury	Milenkovic, Sasa
EFORT13-3481	Complications of the anterior subcutaneous pelvic fixator	Gibbs, James / Kieffer, Will
EFORT13-3484	Treatment of intertrochanteric fracture in old ages with Proximal Femoral Nail Antirotation(PFNA) : Necessity of Wayne County reduction	Cha, Jung-Kwon / Shon, Hyun-Chul
EFORT13-3546	Pelvic and acetabular trauma: Are we living up to the BOAST?	Chitre, Amol / Perry, Donna / Wynn-Jones, Henry / Shah, Nikhil / Clayson, Anthony / Ross, Steven
EFORT13-3599	Experiment and reality - Comparison of experimental tests and clinical use of navigated iliosacral screw placement	Böhme, Jörg / Mütze, Maria / Josten, Christoph / Behrendt, Daniel
EFORT13-3657	Quality of life in surgically treated pelvic ring Injuries. A prospective study with five year follow-up	Borg, Tomas / Larsson, Sune / Hernefalk, Björn
EFORT13-3998	Improving trauma efficiency with day of surgery admissions: A 3-year audit and change in practice	Wainwright, Tom / Middleton, Robert / Sisak, Kris / Lockhart, Jolyon / Lloyd, John
EFORT13-4225	Predictors of surgical treatment in humeral shaft fractures in the poly-trauma patient	Tjoumakaris, Fotios / Austin, Luke / Austin, Amy / Callinan, Sarah / Ong, Alvin
EFORT13-4935	Simulation training improves the management of trauma patients	Spicer, Dominic / Montanez, Angelica / Gupta, Ritu / Asopa, Vipin
EFORT13-5121	Presence of pretraumatic subclinical chronic renal insufficiency in fracture neck of femur patients in England: Overview to Europe	Pinto, Narendra / Rathnayake, Kalana / Thalava, Ramesh / Karunathilaka, Loku Kankanamge Don
EFORT13-5174	Prolactin and cortisol: Severity prediction in multiple trauma	Kamel, Karl / Abi Fares, Georges / Haddad, Christian / Abi Hatem, Marc / Tabet, Monique / El Khoury, Ziad / Nohra, Georges / Lahoud, Pascal / Lahoud, Jean Claude / Chelala, Amal / Dagher, Elissar / Hoyek, Fadi
EFORT13-5195	Outcome after open reduction and internal fixation of unstable pelvic fractures - Results of 100 patients	Wolf, Harald / Greitbauer, Manfred / Vecsei, Vimos / Hajdu, Stefan / Gregori, Markus
EFORT13-5352	Minimally invasive stabilisation for complex fractures of the acetabulum	Iotov, Andrey
EFORT13-5611	Epidemiology and management of pelvic fractures in the Northwest of England	Chitre, Amol / Shah, Nikhil / Clayson, Tony / Wynn-Jones, Henry / Street, Elliot
EFORT13-5666	Fracture patterns, associated injuries and management strategies in pelvic ring fractures: A review of the current literature	Chitre, Amol / Shah, Nikhil / Clayson, Tony / Wynn-Jones, Henry / Street, Elliot

Trauma

NR.	TITLE	AUTHORS
EFORT13-5695	Do hip muscle forces influence the primary stability after osteosynthesis of acetabular fractures in young patients?	Böhme, Jörg / Josten, Christoph / Özkurtul, Orkun
EFORT13-5711	Unusual low energy fractures of the pelvis	Jain, Neil / Batra, Gurav / Ring, Joseph
EFORT13-5982	Pelvic and acetabular fractures; the experience of a recently established pelvic unit in London	Stammers, John / Tudor, Francois / Britton, Edward / Culpán, Paul / Bates, Peter / Creasy, Henrietta
EFORT13-5985	Mini-open reduction of anterior displaced acetabular fractures treated by percutaneous lag screws	El-Gafary, Kamal / Badran, Mahmoud / El-Adly, Wael / Kamal, Ayman / Farouk, Osama

Paediatrics

NR.	TITLE	AUTHORS
Paediatrics		
EFORT13-1190	Prognostic factors of Legg-Calvé-Perthes disease	Albareda, Jorge / Ranera, Miguel / Hualde, Ana / Gómez, Jesús
EFORT13-1197	Outcomes of childrens' supracondylar humerus fractures treated by general orthopaedic surgeons in rural Cumbria, UK	Brignall, Carol / Jeavons, Lisa
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EFORT13-1886	Inter- observer reliability and variability of radiographic measurements of the acetabulum in the assessment of Perthes disease	Svenningsen, Svein / Pripp, Are Hugo / Terjesen, Terje / Wiig, Ola / Huhnstock, Stefan
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EFORT13-2027	Osteochondrosis of the medial cuneiform bone in a child; a case report and review of 18 published cases	Atbasi, Zafer / Ege, Tolga / Demiralp, Bahtiyar / Egerci, Omer / Kose, Ozkan
EFORT13-2055	Chondroplasty in addition to open reduction for developmental dysplasia of the hip: A thirteen-year follow-up study of 34 consecutive patients	Medadi, Firooz / Sadeghi-Naini, Mohsen / Sabagh, M.S.
EFORT13-2316	Clinical evaluation, radiographic and functional results of lateral condyle fractures of the distal humerus in children	Cardoso, Pedro / Balacó, Inês / Matos, Gabriel / Seabra, Jorge / Alves, Sandra

Paediatrics

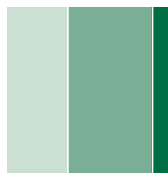
NR.	TITLE	AUTHORS
EFORT13-2383	The effect of forearm rotation in angulated distal radius fractures: A computer based model	McNally, Donal / Qureshi, Saaqib / Karuppiiah, Saravana
EFORT13-2388	Incidence of avascular necrosis after reduction of developmental dysplasia of the hip with and without general anaesthesia	Bytyqi, Cen / Sylejmani, Ardiana / Sllamniku, Sabit
EFORT13-2411	Dome shaped osteotomy of the distal radius	Petje, Gert / Farr, Sebastian / Karner, Christoph / Girsch, Werner
EFORT13-2522	Patient Reported Outcome Measure in the non-operative management of paediatric clavicle fractures	Jeavons, Richard / Kent, Jonathan / Gower, Andrew / Morrell, Rebecca
EFORT13-2712	The use of anterior ultrasound to assess hip reduction in developmental dysplasia	Carlile, Graeme / Cox, Peter / Woodacre, Timothy
EFORT13-2716	The costs of late detection of developmental dysplasia of the hip	Cox, Peter / Woodacre, Timothy
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EFORT13-2764	Efficiency of the school screening of the spine deformities in adolescent communities with risk factors	Iringó, Szocs / Dezso, Szász / Attila, Vas-Tifán / Sándor, Incze-Bartha / Ilona, László
EFORT13-2868	Distraction osteogenesis using external fixator with mechatronic system for congenital shortening of the long bones	Rokicki, Rafal / Juda, Zdzislaw / Pasierbek, Miroslaw / Mazurkiewicz, Stanislaw / Tutaj, Józef / Bielecki, Tomasz
EFORT13-2872	Comparison of cost of treatment of clubfoot by Ponsetti method versus surgical treatment at a single institution	Khan, Mansoor / Ahmed, Syed / Hussain, Hamidah / Samad, Lubna / Jawed, Fayez / Chinoy, Muhammad Amin
EFORT13-3086	The clinical features of ischio-vertebral dysplasia: A retrospective analysis of 30 consecutive cases	Odent, Thierry / Miladi, Lotfi / Wicart, Philippe / Dubousset, Jean / Glorion, Christophe / Aurégan, Jean-Charles
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EFORT13-3177	Valgus osteotomy only is Sufficient Treatment in patients of developmental coxa vara ?	Lee, Hyun Jin / Park, In Joo / Kim, Ryul / Lee, Hwan Hee / Lim, Young Wook
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EFORT13-3207	Aneurysmal bone cyst of the scapula	Margiannis, Christos / Economopoulos, Dimitrios / Orfanos, Ioannis / Anastasopoulos, Ioannis / Katsoulas, Dimitrios
EFORT13-3260	Angular deformity of the ankle with sparing of the distal fibula following meningococcal septicaemia: A case series involving 14 ankles in 10 children	Monsell, Fergal / McBride, Andrew / Barnes, James / Kirubanandan, Ravi / Pickering, Greg
EFORT13-3265	Distal tibial growth arrest following Meningococcal septicaemia: Management and outcome in a series of seven ankles	Barnes, James / McBride, Andrew / Kirubanandan, Ravi / Monsell, Fergal / Pickering, Greg
EFORT13-3463	Risks of treatment in pathologic fracture in children	Akhallaf, Salwa / Cornille, Helene / Delepine, Nicole / Delepine, Gerard

Paediatrics

NR.	TITLE	AUTHORS
EFORT13-3464	Subcutaneous locking compression plate fixation technique for treatment of pediatric femoral diaphyseal fractures	Tsuchiya, Daiji / Sekiya, Isato / Otsuka, Takanobu / Mukouhujawara, Yuka / Takada, Naoya / Hayashi, Yoshikazu
EFORT13-3587	Improving emergency department management of paediatric buckle fractures of the distal radius: A complete audit cycle	Metcalfe, James / Bott, Alasdair
EFORT13-4040	Obstetrical fracture of the distal epiphysis of the humerus detected by magnetic resonance imaging	Martin Mata, María José / Nogales Asensio, Marco / Martin Flores, Elena / Izquierdo Martin, Ana / Luque, Victor
EFORT13-4228	Pediatric anterior glenohumeral instability as a sequel of infantile tuberculous meningitis	Tuncay, Ibrahim / Celik, Derya / Erdil, Mehmet / Elmadag, Mehmet / Ceylan, Hasan / Bilsel, Kerem
EFORT13-4307	Treatment Of deformational plagiocephaly and torticollis using a weight distribution ring – A report of three cases	Hill, Christopher / Saithna, Adnan / van Der Ploeg, Irene / Gee, Edward
EFORT13-4417	Is knee a good indicator for bone age assessment with a metrologic method?	Jacopin, Samuel / Craviari, Thierry / Pomeroy, Vincent / Adalian, Pascal / Launay, Franck / Jouve, Jean-Luc / Panuel, Michel / Afonso, David
EFORT13-4534	Slipped capital femoral epiphysis – A case study in the Danish patient insurance association	Sonne-Holm, Stig / Krogh Christoffersen, Jens / Wong, Christian / Pihl, Mathilde
EFORT13-4664	Dog bites in children: Analysis of 4 years Vilnius University Children's Hospital data	Raugalas, Ramunas / Sapogovaite, Ingrida / Kociute, Julija
EFORT13-4883	Closed reduction and internal fixation of completely displaced and rotated lateral condyle fractures of the humerus in children	Lee, Han
EFORT13-4895	Paediatric midsubstance ACL injuries: Our clinical experience in a public hospital	Gen, Lim / Gera, Sumanth / Kevin, Lim / Nazrah, Sharifah / Ashik, Mohammad
EFORT13-5045	Late dislocation of the hip following normal neonatal clinical and ultrasound examination	Kiely, Nigel / Choudry, Qaisar / Johnson, Benjamin
EFORT13-5086	The 100 classic papers of paediatric orthopaedic surgery	Kelly, John / Kelly, Paula / Moore, David / Kavanagh, Richard
EFORT13-5158	The natural history at thirty-five years after closed reduction for developmental dysplasia of the hip	Endo, Naoto / Miyasaka, Dai / Ito, Tomoyuki / Hatakeyama, Seiya / Murakami, Reiko
EFORT13-5173	Combined medial and lateral hamstring versus isolated medial hamstring lengthening surgery outcome in a cerebral palsy population	Walsh, M. / Kiernan, D. / O'Sullivan, R. / O' Brien, T. / Kelly, Enda
EFORT13-5198	Slipped capital femoral epiphysis in Denmark	Ellitsgaard, Niels / Pihl, Mathilde
EFORT13-5338	The ball in ball sign. A new sign for classification of normal neonate hips, in the ultrasound examination	Kapetanios, Georgios / Laliotis, Nickolaos
EFORT13-5524	Rotational femoral osteotomy in children – A comparison between proximal locking vs distal non locking fixation followed up for atleast 18 months	Kumar, Amit / Asirvatham, Rajan / Needhirajan, Senbaga / Srinivasan, Suresh
EFORT13-5698	MRI in hip dysplasia: What are the pediatric orthopedic surgeon needs and how MRI influences his decision-making	Ziebarth, Kai / Dobrocky, Tomas / Schankath, Adrian / Stranzinger, Enno / Wolf, Rainer / Joeris, Alexander
EFORT13-5837	Results of treatment of Legg-Calvé-Perthes disease in years 2000-2010	Chomiak, Jiri / Dungal, Pavel / Burian, Michal / Oštádal, Martin / Frydrychova, Monika

Paediatrics

NR.	TITLE	AUTHORS
EFORT13-5854	Open reduction and internal fixation of closed fractures of clavicle in children	Shenouda, Michael / Sayani, Junaid / Radha, Sarkhell
EFORT13-5879	Irreducible dorsal epiphyseal fracture dislocation of the distal phalanx: A case report	De Jong, Andy / Wood, Martin / Haddad, Behrooz
EFORT13-6010	The Ponseti methods in myelomeningocele	Lampropulos, Mario / Reciniello, Silvia



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Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
A					
Äärimaa, Ville	169	Agarwal, Sanjeev	186	Akalin, Serdar	151
Aasvang, Tobias	193	Aggarwal, Sameer	82, 177	Akaogi, Hiroshi	44, 136
Abad Marsal, Ester	158	Aggarwal, Vinay	63, 176	Åkesson, Kristina	82, 103
Abdel-Aziz, Ahmed	83	Aghayev, Emin	159	Akhbari, Pouya	196
Abdul-Jabar, Hani	71, 184	Agostinho, Francisco	179	Akhtar, Ahsan	100
Abdulkarim, Ali	137, 167	Agraharam, Devendra	141	Akhtar, Kash	158, 195, 196, 197
Abe, Isao	94	Agreiter, Mark	169	Akhtar, Muhammad Adeel	144
Abela, Massimo	186	Aguado Hernández, Héctor	188	Akiki, Alain	195
Abe, Shun	83	Aguado Maestro, Ignacio	188	Akita, Keiichi	173
Abi Fares, Georges	198	Agudo-Quilez, Marta	191	Akita, Shosuke	154
Abi Hatem, Marc	198	Aguilar, Andrés	169	Akiyama, Haruhiko	173
Aboelmagd, Karim	150	Aguilar, Marc	145, 197	Akiyama, Keisuke	169, 170
Abolghasemian, Mansour	99, 101, 181	Aguilera, Xavier	175	Akpinar, Fuat	116, 121, 192
Abol Oyouun, Nariman	104	Aguirre, Marius	134	Akrawi, Hawar	138
Abols, Janis	95	Agulló, José Luis	134, 170, 194	Akrivos, Ioannis	141
Abouel-Enin, Sherif	173	Agus, Haluk	37	Akseili, Mehmet Atif Erol	164
Abraham, Alwyn	81, 121, 192	Ahad, Nurul	172	Aksoy, Mehmed Cemalettin	50, 111
Abramo, Antonio	36, 151, 188	Ahearn, Nathanael	156	Akyüz, Aygöl	147
Abramovic, Dusan	166	Ahlden, Mattias	78	Alaca, Nuray	179
Abranches, José	192, 193	Ahler-Toftehøj, Hans-Ulrik	193	Alam, Mahbub	64
Abrassart, Sophie	110, 157	Ahmad, Tayyab	81	Alanay, Ahmet	40
Abtroun, Yamina	59	Ahmed, Altaf	136, 143	Al-Ani, Amer	97, 103
Abuzakuk, Tarek	194	Ahmed, Elnarsri	109	Alazzawi, Sulaiman	141, 142, 147, 149, 150
Acar, Mehmet	153, 157, 178, 185, 186	Ahmed, Hamdan	114	Albani, Maria	93
Acaroglu, Emre	51, 122	Ahmed, Mohammed	124	Albareda, Jorge	142, 155, 157, 171, 182, 188, 190, 199
Acharya, Ash	141	Ahmed, Naveed	179	Albayrak, Abdulmecit	142
Acharya, Kiran	187, 196	Ahmed, Syed	200	Albayram, Sait	47
Achten, Juul	104	Ahmed, Usman	66, 137, 165	Albers, Christoph	177
Açıksöz, Semra	147	Ahmed, Zabair	176	Alberti, Francesco	65, 150
Acker, Antoine	171	Ahn, Hye-Sun	121, 185	Alberti, Gloria	39, 81, 104, 145
Ackermann, Paul	166	Ahn, Jiyong	81	Aldea, Elisa	153, 199
A'Court, Jamie	96, 113, 194, 197	Ahn, Seong-Jun	77, 181	Aldè, Simone	77
Acton, Danny	176	Ahrens, Philipp	125	Aldinger, Peter	105, 107
Adalian, Pascal	201	Ahumada, Ximena	164	Alentorn Geli, Eduard	145
Adam, Athanasios	123, 182	Aibibu, Dilbar	42	Aletras, Vasilios	123
Adamczyk, Grzegorz	74	Aichmair, Alexander	47, 163	Alexandris, Athanasios	158
Adam, Faisal	104	Aido, Ricardo	151	Alexiev, Venelin	79
Adam, Philippe	155	Aihara, Takato	162	Alfeky, Atef	83
Adelved, Aron	82	Aikawa, Jun	164	Aliaga, Francisco	120
Adolfsson, Anders	155	Aird, Jim	96	Alier, Albert	46, 145
Adolfsson, Lars	39	Aizawa, Toshimi	47, 181	Ali, Imran	50, 187, 188
Aebi, Max	44, 122	Ajuied, Adil	142	Alijanipour, Pouya	63
Afonso, David	201	Ajwani, Sanil	136	Ali, Julian	169
Aframian, Arash	196, 197	Akada, Takanori	164, 170	Ali, Syed	127
Agar, Gabriel	149	Akaishi, Koichi	167		
		Akakin, Dilek	192		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Alizadehkhayat, Omid	155	Amis, Andrew	78	Anthony, Iain	138
Aljinovic, Ana	172	Amling, Michael	146	Antolic, Vane	48
Alkhallaf, Salwa	200	Ammori, Mohannad	90	Antonis, Konstantinos	41
Allam, Ahmad	70, 96, 129	Anakwe, Raymond	152, 189, 195	Antonogiannakis, Manos	123
Allende, Bartolome	173, 192, 193	Anand, Amarjit	46, 146	Antonopoulos, Dimitrios	152, 153
Allen, Karla	147	Anand, Anoop	105	Antonucci, Ivana	140
Allen, Patricia	164, 166	Anand, Bobby	46	Antunes, Artur	105, 116, 121, 148, 194
Allgar, Victoria	112, 181	Anand, Sanjeev	45	Aoto, Katsuya	44, 136
Almenara, Marta	66	Anania, Andres	38, 179	Aparicio, Maria	194
Al-Mouazzen, Louay	35	Anashev, Talgat	160	Apelqvist, Jan	43
Almqvist, Fredrik	74	Anastasopoulos, Ioannis	200	Aponte, Carlos	63
Al-Nozeyli, Khaled	193	Anastasopoulos, Nikolaos	41	Apostolopoulos, Alex	179
Al-Obaidi, Bilal	141	Andarcia Bañuelos, César	159, 163	Apostolopoulos, Ioannis	144, 149
Alonso García, Noelia	188	Andersen, Michael	107	Appel Holm, Henriette	186
Alonzo, Raffaella	65	Andersen, Nicolas	61	Apperley, Shane	114
Alpoim, Bruno	169	Andersen, Stig	175	Aprato, Alessandro	75, 167
Al Rawi, Bara	120	Anderson, Andrew	129	Apthorp, Hugh	111, 186
Al Rawi, Maher	45	Anderson Della Llana, Rebecca	81	Aqil, Adeel	127, 141, 149, 174, 186
Alsawadi, Abdulrahman	136	Anders, Sven	98	Arabagi, Afrodite	128
Alsey, Karl	177	Andoni, Vitali	192	Aradhyula, Narasimha	108
Alshameeri, Zeiad	96, 195	Andrade, Tony	178	Araki, Kyoko	144
Alsousou, Joseph	76, 130	Andreakos, Anastasios	144, 149	Arami, Arash	115
Alswadi, Abdul	141	Andreani, Lorenzo	39	Arastu, Mateen	96, 193
Altan, Egemen	153, 157	Andrei, Diana	196	Aratake, Masato	170
Altay, Mehmet	96	Andreoli, Elda	140	Araujo, Paulo	78
Altay, Murat	195	Andreou, Dimosthenis	51	Arazi, Mehmet	178, 186
Altay, Nuray	96	Andrés, Pablo	159	Arbel, Ron	149
Altintas, Faik	178	Andrews, Barry	127, 186	Arbona, Carmelo	194
Alt, Volker	251	Andrews, John	108	Arellano, Sergio	164
Alva, Avinash	144, 166	Andritsos, George	110, 158	Ares, Oscar	148, 180
Alvand, Abtin	150	Ang, Chay-You	139, 155	Argenson, Jean-Noël	48
Alvanos, Dimitrios	64	Angers, Michèle	182	Argento, Giuseppe	183
Álvarez, Carlos	66	Angibaud, Laurent	138, 182	Ariumi, Akihiro	168, 169
Alvarez, Fernando	71	Angioi, Manuela	147	Ariza-Vega, Patrocinio	193
Álvarez García, Verónica	188	Anglés, Francesc	187	Arlt, Stephan	82
Alves, António	187	Anglitoiu, Bogdan	198	Armagan, Raffi	38, 39, 128, 141, 165, 189, 196
Alves da Silva, João	196	Angulo, Manuel	133, 134	Armand, Stephane	164
Alves, Sandra	187, 199	Anjarwalla, Naffis	161	Armangil, Mehmet	135
Amano, Hiroshi	148, 181	Ankarali, Handan	64	Armitage, Andrew	149
Amat, Carles	144, 145	Ankarath, Sudhi	176	Armstrong, Alison	100
Amat Mateu, Carles	157	Ankers, Thomas	96, 194	Arribas Agüera, Daniel	195
Amaya, José	133, 134	Annan, John	175	Arverud, Erica	166
Amendola, Luca	184	Anract, Philippe	95, 108	Asaftei, Razvan	158
Aminian, Kamiar	115, 164, 171	Ansari, Aneel	139, 185, 195	Asano, Naofumi	135
Amirdjanova, Vera	155	Ansorge, Christian	138	Asencio, Jordi	120
Amirfeyz, Rouin	164	Antal, Imre	92		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Ashford, Robert	89	Ayán, Carlos	148	Bahrs, Christian	46
Ashik, Mohammad	201	Aybar, Ahmet	128	Bailey, Christopher	140
Ashok, Ashok n	176	Aydin, Ali 101, 124, 139, 142, 151, 156, 163		Bailey, Lucy	158
Ashraf, Anam	181	Aydin, Aytekin	195	Bailey, Oliver	138, 158
Ashraff, T.	183	Aydingöz, Önder	47, 49	Baines, Joseph	59
Ashraf, Mujeeb	61	Aydin, Kerem	153, 157	Baird, Emily	141
Asik, Mehmet	148, 181	Aydin, Pelin	124	Baird, William	185
Asin, Boris	155	Aydin, Serkan	161	Baixauli, Francisco	134
Asirvatham, Rajan	201	Aydogan, Emrah	154	Bajekal, Rajiv	96, 195
Aslan, Ahmet	161	Aydogan, Mehmet	108	Bajwa, Ali	60
Aslanian, Thierry	254	Aydogan, Nevres	164	Bakir, Ugur	194
Aso, Alberto	156	Aydogdu, Semih	36, 142	Bakti, Nik	36
Asopa, Vipin 70, 76, 141, 149, 186, 198		Ayers, David	181	Balaboshka, Kanstantsin	149
Asp, Rebecca	166	Aykanat, Faruk	191, 192	Balacó, Inês	199
Aspros, Dimitrios	193	Aynardi, Michael	176	Balaev, Pavel	133
Asprou, Fotini	100, 195	Ayre, Wayne	138, 177	Balato, Giovanni	152
Assal, Mathieu	59, 136, 137	Aytekin, Mahmut	192, 195	Balderree, David	67
Astarita, Emanuele	177	Ayyaswamy, Brijesh	105	Baldini, Andrea	88, 127
Astle, Lisa	145	Azevedo, Jorge	137	Baldini, Nicola	106
Aston, William	89, 135, 167	Azimi, David	65	Ballantyne, James	41, 175
Asúnsolo-Del Barco, Ángel	41	Aziz, Amer	144, 161	Ballas, Efstathios 39, 140, 157, 177	
Atalar, Ata	154	Azman, Aaqil	191	Ballester-Alfaro, Juan José	101
Atbasi, Zafer	199			Baloch, Khalid	180
Athanasou, Nick	126, 133	B		Baltov, Asen	156
Athwal, George	124, 156	Baalbaki, Rayan	98, 99	Baluch, Marius	153
Atilla, Bülent	110, 145	Babar, Syed	115	Bandholm, Thomas	194
Atroshi, Isam	42	Baba, Shoji	159, 161	Banerjee, Brian	99
Attala, Dario	165	Babatolu, Hadiza	158	Banerjee, Samik	100, 158
Attar, Fahad	48, 90	Babiker, Hassan	140	Banerjee, Sumit	190
Attar, Majid	161	Babis, George	125, 140, 173	Ban, Ilija	156
Attila, Vas-Tifán	200	Babst, Reto	107	Banks, Scott	78
Audigé, Laurent	46	Bacino, Lucas	178	Banz, Yara	161
Audrito, Massimo	136	Back, Diane	142, 166	Barakatali, Bilal	145
Augat, Peter	63, 165	Backstein, David	101, 181	Barastegui, David 134, 145, 166, 184, 197	
Aujla, Randeep	89, 99, 141, 143	Bader, Rainer	172	Barbaric, Katarina	172
Aung, Thanda	179	Badhesha, Jaswant	190	Barbosa, Tiago	59, 177
Aurégan, Jean-Charles	63, 200	Badila, Adrian	175, 192	Barceló, José Manuel	161
Austin, Amy	198	Badiola, Jara	168	Bardakos, Nikolaos	141, 145
Austin, Luke	189, 198	Badran, Mahmoud	199	Barg, Alexej	115, 129
Austin, Matthew	127	Baek, Ji-Hoon	107	Barkatali, Bilal	105
Avila, Arturo	156	Baek, Seung-Gil	171	Barlow, David	147
Ávila Lafuente, José	42	Bagga, Tajesh	112, 181	Barlow-Kearsley, Ernest	115
Avramidis, Grigorios	151	Bagley, Caroline	167	Barlow, Timothy	147, 181
Awad, Ashraf	38	Bagouri, Elmunzar	39, 136, 191	Barna, Michal	109, 138, 160
Awogbade, Moji	169	Bagoury, El Monzer	47	Barnes, James	200
Ayana, Gamada	190	Bahl, Vibhu	78, 110	Barnes, Matthew	156

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Barr, Christopher	60, 121, 178	Beckers, Stefan	154	Bergovec, Marko	130
Barrera, Sergi	134, 154	Becker, Stephanie	151	Berg, Tom	178
Barreto, Rodrigo	177	Beckett, Kirsty	196	Berhouet, Julien	150
Barrett, Adrian	186	Beckingsale, Tom	105	Berker, Nadire	179
Barroso de Oliveira, Marco	192	Beckles, Verona	35	Berkes, Marschall	196
Barro, Victor	144	Beckmann, Johannes	146	Berk, Haluk	58
Barthelemy, Renaud	129	Beck, Martin	59	Berko, Boris	82
Bartlett, Gavin	94	Bédard, Luc	121, 182	Bernáldez, María José	161, 181
Barton, Simon	151	Bedencic, Klemen	145, 170, 182	Bernáldez, M. J.	134
Barysh, Oleksandr	160	Bedir, Abdülkerim	73	Bernal Vargas, Juan	81, 145, 161
Basar, Betül	64, 155	Beerekamp, Suzan	165	Bernardo, Marcos	62
Basar, Hakan	64, 155	Beeres, Frank	66, 151	Bernard, Stephani	178
Basarir, Kerem	51, 135	Beer, Yiftah	149	Bernfeld, Benjamin	99
Basar, Selda	157, 186, 187	Beer, Zoe	141, 145	Bernhardt, Gerwin	152, 165
Basbozkurt, Mustafa	133	Bégué, Thierry	65	Berth, Alexander	154
Baselga, Jaime	181	Beham, Alfred	40	Berti, Lisa	98, 101, 165
Basheer, Sheba	111	Behrendt, Daniel	198	Bertino, Antonio	75
Bashinsky, Oleg	178	Beletsky, Alexander	61, 196, 199	Bertling, Maren	159
Bass, Cheryl	76	Belling Sørensen, Anne Kathrine	39	Besalduch, Marina	153
Basso, Trude	190	Bello, Fernando	158	Besse, Jean-Luc	68, 109
Bastian, Johannes	94	Bello Prats, Santiago	182	Betriséy, Bertrand	137
Basto, Tiago	59, 177	Bellotti, Vittorio	177	Bettelli, Graziano	155
Bataga, Simona	143, 169	Beltrami, Giovanni	134	Betti, Emanulele	82
Bates, Peter	199	Beltrán de Heredia Renteria, Pablo	189	Bettinson, K.	120
Batmaz, Güray	145	Belvedere, Claudio	165	Betz, Oliver	63
Batra, Gurav	199	Belzile, Etienne	121, 182	Beverland, David	59, 70
Battaglia, Milva	98	Ben Ayad, Rida	184	Bevoni, Roberto	193
Battiston, Bruno	189, 197	Benazzo, Francesco	50, 74, 88, 99	Bezirgan, Ugur	51
Bau González, Alonso	76	Benedetti, Maria Grazia	101	Bezuidenhoudt, Mauritz	64
Baur-Melnyk, Andrea	178	Benedi Alcaine, José	140	Bhamra, Jagmeet	133, 135, 136, 167, 180
Bawale, Rajesh	178, 189	Ben-Haim, Tzur	149	Bhasin, Swati	104, 193
Bayer-Helms, H.	160	Benham, Stuart	153	Bhaskar, Deepu	40
Bayir, Yasin	142	Benito del Pozo, Lorenzo	148	Bhattacharya, Raj	197
Baykara, Islam	96	Benito, Felipe	172	Bhattee, Ghias	186
Bayley, Morgan	139, 196	Benito, Lorena	140	Bhavsar, D.	149
Bayliss, Neil	154	Benjamin-Laing, Harry	150, 197	Bhutta, Mohammed	136
Bayona, Sofia	158	Benneker, Lorin	128, 161	Bianco, Daniel	39, 104
Baz, Ali	151	Benzi, Andrea	83	Biau, David	68
Bazille, Celine	78	Berber, Onur	178, 189	Biberthaler, Peter	124, 125
Beano Aragón, Ángel	193	Berber, Reshid	121	Bicanic, Goran	94, 172
Beard, David	150	Bercik, Michael	185, 189	Bidwai, Amit	190
Beaufils, Philippe	78, 79, 83, 149	Bercik, Mike	195	Bieger, Ralf	98, 171
Beaulieu, Marie-Pier	124	Berea, Grigore	158	Bielecki, Tomasz	137, 200
Beaver, Richard	90	Berenguer Sánchez, Alex	41	Bieri, Oliver	98
Bebbington, Andrew	66, 152, 153	Bergin, Karen	75	Bignozzi, Simone	149
Becker, Roland	47, 59, 88	Bergmann, Christian	114	Bigorre, Nicolas	189

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Bilanovic, Miljan	191	Boesch, Martina	157	Botelho, Álvaro	197
Bilgen, Ömer	67, 147, 177, 178	Boesch, Michael	157	Botez, Paul	158
Bilgen, Sadik	67, 147, 177, 178	Boettner, Friedrich	138, 183	Bott, Alasdair	201
Bilgili, Fuat	66, 110, 128	Boffano, Michele	133	Botton, Miguel	129, 190
Bilgili, Mustafa	79	Bogh, Søren	184	Bouaicha, Samy	93
Billis, Evdokia	140, 161, 185	Böhler, Nikolaus	169	Bouamra, Omar	114
Bilsel, Kerem	81, 139, 148, 153, 181, 185, 188, 201	Böhme, Jörg	198, 199	Boudouris, Panagiotis	141
Bilsel, Nafiz	47	Böhm, Stephanie	40, 102	Bougherara, Habiba	181
Binazzi, Roberto	37, 70	Boisrenoult, Philippe	78, 79, 149	Boulos, Kareem	164
Bintoudi, Antonia	134	Boissonneault, Adam	95	Bou Monsef, Jad	138, 183
Birch, Nicholas	68	Boldt, Henrike	51	Bouras, Theodoros	120
Birke, Oliver	73	Boldt, Jens	59, 179	Bourke, Gerard	76, 115
Birkhoelzer, Sarah	75	Bolle, Gabriele	120, 183	Boutong, Sara	153
Bisbinas, Ilias	193	Bollen, Laurens	114	Boutsiadis, Achilleas	93
Bishnoi, Amit	141	Bollini, Gérard	73, 162	Bovio, Dario	136
Bistolfi, Alessandro	93	Bölükbası, Selçuk	157	Böwe, C.	160
Bitsch, Rudi	174, 184	Bombaci, Hasan	156	Bowness, James	197
Biuk, Egon	136, 162	Bommireddy, Rajendranadh	47, 163	Boxall, Sally	64
Bize, Pierre	135	Bonacina, Paolo	169	Boyd, Annmarie	112
Bizot, Pascal	189	Bonanzinga, Tommaso	138, 149	Boyer, Patrick	155, 158
Blackwell, John	89	Bonchev, Byser	168	Boyle, Jennifer	101
Blackwood, Clint	150	Bondarev, Oleg	196	Bozdag, Ergun	48, 64
Blakeney, William	95	Bonifazi, Alberto	150	Bozek, Marek	108, 159
Blake, Stephen	38, 142	Bonilla, David	142	Bozkurt, Murat	255
Blanc, Guillaume	48	Bonjorn, Marta	167	Braatz, Frank	101
Blanco, Eduardo	156	Bonner, Tarra	149	Bradley, K.	133
Blanco, Juan	148, 160	Bonnin, Michel	78, 88	Bradman, Hannah	153
Blanco Parreño, Alfonso	161	Bonnomet, Francois	155	Braem, Marc	66
Blanco Rubio, Nieves	155, 157, 171, 182, 188	Bonutti, Peter	150	Bragdon, Charles	60, 120, 174
Blauth, Michael	91, 251	Bonvin, Alexis	74, 173	Branco, José	49
Bliznets, Danil	195	Boontanapibul, Krit	82	Brand, Anneke	112
Blocher, Martina	35	Bora, Osman	114, 139	Brand, Ronald	112
Blom, Ashley	36, 105	Borens, Olivier	58, 98, 99, 109, 115, 145	Brankin, Rory	97, 113
Blomfeldt, Richard	103, 113	Borg, Tomas	198	Bratu, Dorel	100
Blucher, Nicola	169	Borici, Neritan	164	Braun, Karl	63
Blumberg, Nehemia	149	Bornemann, Rahel	128, 129	Braybrooke, Jason	160
Blundell, Chris	191	Borobio, German	160	Brdar, Radivoj	166
Blunn, Gordon	130, 135	Borrego, David	160	Brem, Mathias	255
Blyth, Mark	124, 125, 138	Borris, Lars	92	Brenkel, Ivan	144, 175
Bockmann, Benjamin	156	Borzunov, Dmitry	133	Brewster, Nigel	39, 137
Boddu, Krishna	150	Bosch, Alba	175	Briant-Evans, Toby	126
Bodegom - Vos, Leti	113	Boschin, Leonardo	177	Bridgens, Anna	145
Bodin, Arnaud	114	Bosch, Joan	151	Briggs, Karen	64
Boehm, Heinrich	114	Boshnakov, Diko	196	Briggs, Timothy	89, 107, 135, 136, 140
		Bosse, Tjalling	110	Brignall, Carol	199
		Botanlioglu, Huseyin	47	Brilakis, Emmanuel	149

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Bring, Daniel	166	Bunn, Jonathon	138	Calvo, Víctor	181
Brink, Peter	107	Buoro, Sabrina	144	Camathias, Carlo	72
Brittberg, Mats	64	Burelli, Silvia	93	Cameron, Hugh	99, 127
Britton, Edward	199	Burgess, Elizabeth	38	Cameron, John	48, 90
Britton, John	126	Burgkart, Rainer	190	Cami, Joan	167
Brixen, Kim	39	Burian, Michal	201	Camilleri, Martin	186
Brix, Michael	96	Burke, Neil	153	Cammissa, Frank	47, 163
Brook, Allan	160	Burky, Robert	63	Campanacci, D.	89
Brookes-Fazackerly, Steve	147	Burn, Alexandre	166	Campanacci, Domenico	134
Brooks, Francis	139, 161, 189	Burnev, Martin	164	Campbell, David	78
Brorson, Stig	46	Buscema, Antonio	187	Campbell, Graeme	114
Brotat Rodríguez, María	162, 163, 166, 189, 194, 195	Busquets, Rosa	166	Campos, Pedro	196
Brown, Daniel	190	Bustos, Damian	173, 192, 193	Campton, Luke	134, 188
Brown, Matthew	45	Butler, Alison	195	Camur, Savas	128
Brown, Michael	163	Butler-Manuel, Adrian	111, 186, 192	Canata, Gian Luigi	79, 181
Brown, Philip	76	Butt, Ahsan	127	Canavan, Lisa	162
Brownson, Nicholas	189	Buttaro, Martin	67, 125, 169, 172	Canbek, Umut	101
Bruce, Andrew	173	Butt, Sajid	89	Canbora, Kerem	154
Bruce, Stuart	192	Butt, Umar	141, 145	Canbora, Mehmet	151, 156, 164, 191, 192
Bruckner, Thomas	107	Buyukcam, Fatih	195	Candal-Couto, Jaime	153
Brüning-Wolter, Felix	136	Bytyqi, Cen	200	Candrian, Christian	67
Brun, Ole-Christian	67, 174, 176			Canero, Gianfranco	91
Bruno, Pablo	173, 192, 193	C		Can, Filiz	154, 156
Brunschweiler, Benoit	78, 100	Caballero, María	140	Caniklioglu, Mustafa	113
Bryson, David	99, 143, 160	Cabañó, Ferran	195	Cannavò, Luca	187
Brzoska, Roman	112	Cabo-Cabo, Xavier	96, 145	Cannon, Stephen	38, 58, 167
Bucher, Thomas	90	Cacciola, Francesco	91	Cano, Carlos	160
Bücking, Benjamin	156	Cáceres Palou, Enric	70, 126, 134, 145, 166, 197	Cano, Denis	82
Buckley, Richard	96, 193	Cadman, Susan	162	Cano, Juan Ramón	97, 145, 173
Buckley, Simon	111	Caeiro, José	82	Canosas, Jordi	169
Buckup, Johannes	183	Caff, Giuseppe	134	Canty, Stephen	181
Buda, Roberto	98, 139, 165	Caglar, Omur	145	Capa Grasa, Alberto	42, 43
Budde, Stefan	75	Caiaffa, Vincenzo	194	Capanna, Rodolfo	44, 134
Buddhdev, Pranai	147, 175	Cakir, Balkan	157	Carbonel Bueno, Ignacio	190
Budica, Cristian	163	Calderazzi, Filippo	82	Carbonel, Ignacio	153, 199
Buerer, Y.	166	Caldwell, Gordon	195	Cardenas, Carlomagno	177
Bühren, Volker	165	Çaliskan, S. Ayhan	142	Carding, Simon	126
Buijze, Geert	66	Calistri, Alessandro	175	Cardoso, Pedro	71, 199
Bukovecz, Tibor	198	Callaghan, Michael J.	80	Cardoso, Zulema	167
Bukva, Bojan	166	Calleja, Michelle	89	Carli, Giulia	93
Bülbul, Murat	164	Callinan, Sarah	185, 198	Carlile, Graeme	79, 200
Bullen, Lynda	136	Calori, Giorgio Maria	65	Carluke, Ian	120, 177
Buly, Jocelyn	141	Calthorpe, Denis	47	Carmona, Gorki	136, 137, 164
Bumbasirevic, Marko	128, 160, 192	Calvo, Angel	112	Carne, Andrew	166
Bumbasirevic, Vesna	128	Calvo, Rafael	63	Caron, Jacob	64
				Carow, Bennet	76, 154

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Carrascal Morillo, María	188	Celebi, Kamile	78	Chaudhry, Samena	133
Carrera, Lluís	197	Çelik, Bülent	157	Chaudhry, Tahseen	194
Carrodegua, Raúl	140	Celik, Derya	201	Chauhan, Sandeep	105, 121
Carroll, Fintan	107	Celik, Haluk	152	Chauhan, Vanisha	136
Cartucho, Antonio	93	Celik, Ismail	192	Chelala, Amal	198
Carvalho, Andre	146, 179	Celiktas, Mustafa	78	Chelnokov, Alexander	176, 195
Carvalho, Eunice	137	Cengiz, Bertan	164	Chen, Cheng-Fong	135
Carvalho, Manuel	116, 121, 194	Cenni, Francesco	165	Chen, Chiang Sang	190
Casaletto, John	156	Centurione, Lucia	140	Cheng, Kenneth	158, 186
Casale, Valentina	181	Centurione, Maria	140	Cheng, Yen-Wen	135, 194
Casals, Victor	134	Cerbasi, Simone	194	Chen, Jerry	121
Casanova Canals, Xavier	158	Ceroni, Dimitri	81, 146	Chennagiri, Ramesh	36
Casellas, Mireia	134	Cerulli, Giuliano Giorgio	74	Chen, Weijia	95
Cashin, Fiona	190	Ceruso, Massimo	60	Chen, Wei-Ming	135
Cashman, Kara	99, 171, 176	Cerván, Ana María	159, 160	Cheon, Sang-Ho	183
Cassart, Elisa	153	Cervero, Javier	140	Cherix, Stéphane	135, 178
Cassiano Neves, Manuel	37, 71, 101, 102	Çetiner Kale, Aysin	66	Cheung, Graham	50
Castaman, Enrico	164	Cevolani, Luca	165	Chêze, Laurence	148
Castán Bellido, Lidia	155, 157	Ceylan, Hasan	139, 164, 178, 186, 201	Chia, Shi-Lu	121, 139, 155, 185
Castanier, Elisabeth	73	Chabra, Jatinder	75	Chiey, Alfredo	181
Castellani, Lorenzo	127	Chacon, Sara	134	Childs, James	41
Castellanos, Juan	195	Chae, Soo Uk	146, 192	Chinoy, Muhammad Amin	200
Castelli, Claudio	110, 88	Cha, Jung-Kwon	198	Chin, Pak-Lin	121, 139, 185
Castillo, Andrés	171, 188	Chakrabarti, Dip	99	Chipon, Emilie	114
Castillo García, Félix	166	Chakrabarti, Indranil	152	Chiriac, Sorin	198
Castillón, Pablo	187	Chambers, Simon	39, 108, 139, 154, 199	Chirputkar, Kedar	90, 112
Castillo Palacios, Andrés	155, 157, 182	Champion, Miranda	36	Chitgopkar, Shashank	162
Castrejón, M. C.	134	Chana, Francisco	42, 43, 172	Chitre, Amol	198
Castro Álvarez, M. Concepción	166	Chandran, Shaun	121, 178	Chiu, Fan-Yao	194
Castro, Ana Paula	98	Chan, Francis	42, 141, 163	Chochole, Martin	152, 153
Casulleras, Josep	195	Chang, Paul	155	Cho, H.	168
Catanzaro, Sabrina	35	Chan, Oliver	161, 182	Cho, Hong Man	128, 167, 197
Catma, Mehmet	195	Chan, Samuel	194, 197	Cho, Hun Sik	173
Catonne, Yves	160	Chantler, Jonathan	153	Choi, Il-Yong	100, 128, 171
Cattelan, Catharina	99	Chapman, Colin	166	Chokkalingham, Kamal	143
Causero, Araldo	93	Chapman-Sheath, Phillip	196	Cho, Kye-Youl	61
Cavaciocchi, Michele	155	Charalambides, Charalambos	165	Chomiak, Jiri	73, 111, 201
Cavallo, Marco	139, 165	Charalambous, Charalambos	38	Chong, Hwei-Chi	185
Cavanilles, José María	39, 104, 145, 161	Charalampidis, Anastasios	191	Chopra, Swati	115, 166
Cavus, Umut	195	Cha, S.	137	Cho, Sung-Woo	95
Çayir, Tahsin	188	Chatterjee, Buddhadeb	158, 179	Chotai, Neil	139
Cebamanos Celma, Joan	146	Chatzipetrou, Thomas	162	Chotanaphuti, Thanainit	183
Cebrián Parra, Juan Luis	134	Chatziravdelli, Vasiliki	135	Chou, Daud	35
Cebrián Rodríguez, Elisa	188	Chatzis, Michail	152, 153	Choudry, Qaisar	127, 201
Ceccarelli, Francesco	70, 82	Chatzistotiriou, Athanasios	93	Choursamran, Nattapol	129
Celaya Reoyo, Gorka	184	Chaudhary, Deepak	78, 110	Cho, Yoon Je	80, 172

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Cho, Young-Ho	173	Clewer, Glenn	166	Cornell, Charles	122
Chrisensen, Lise	90	Clewley, Tom	99	Cornille, Helene	200
Christakis, Nikolaos	135, 162	Cloke, Dave	153	Corona, Pablo	144, 145
Christensen, Birgitte	185	Closa, Francesca	195	Corrales, Monica	151, 153
Christensen, Matt	35	Cloutier, Réjean	124	Correa Vazquez, Eva	177
Christiansen, Marie Louise	175	Cobb, Andrew	77	Correia de Jesus, Marcos	188
Christodoulou, Anastasios	93	Cobb, Justin	47, 65, 127, 141, 149, 158, 174, 186, 195, 196, 197	Correia, Frederico	193
Christoffersen, Jens	101	Cochrane, Lynda	97, 138, 183	Corsini, Tiziana	70
Christofilopoulos, Panayiotis	73, 177	Cohen, Brian	151	Corten, Kristoff	174
Christogiannis, Ioannis	140	Cohen, Mark	110	Cortese, Fabrizio	64
Chung, Donna	178	Cohen, Nir	136	Cortés García, Pedro	159
Chung, Lien-Hsiang	135	Çolakoglu, Bulent	79	Cortés Villar, Jesús Manuel	163, 194
Chung, Woo Chill	197	Colasuonno, Rocco	121	Cortina Gualdo, Josep	70
Church, James	70	Colbrunn, Robb	149	Coscujuela Maña, Antonio	170, 194
Churchman, Sarah	64, 130	Coldwell, Douglas	160	Coskun, Melike	81
Chuman, Hirokazu	135	Coleman, Steven	151	Coskunol, Erhan	188
Ciais, Grégoire	158	Cole, Peter	42	Coskun, Tamer	156
Ciam, Marcos	178	Coles, Angela	94	Costa, Giovan Giuseppe	194
Cibrão-Coutinho, Paulo	162	Colle, Francesca	149	Costa, Luis	151
Cieslik-Bielecka, Agata	137	Collía, Francisco	140	Costa, Matthew	104, 137, 187
Cift, Hakan	108, 144, 162	Collin, Philippe	92, 155	Costarella, Luciano	166, 175, 187
Ciloglu, Ufuk	135	Collins, Simon	171	Costin, Serban	177
Cinotti, Gianluca	90	Colombet, Philippe	78, 148	Côté, Maxime	124
Cintado-Aviles, Manuel	83	Comba, Fernando	67, 169	Coupe, Ben	191
Ciobanu, Traian	175, 192	Combes, Antoine	100	Courtney, Hannah	192
Ciampi, Alessandro	150, 158	Compson, Jonathan	152	Court, Pinar	126
Circota, Gheorghe	171	Çomunoglu, Cem	64	Courvoisier, Aurélien	114
Çirpar, Meriç	137	Condello, Vincenzo	64	Coutinho, Matos	105, 116, 121, 148, 194
Cirstoiu, Catalin	171	Conditt, Michael	78	Couto, Roberto	59, 177
Cismasiu, Razvan-Silviu	135, 170	Conesa, Xavier	115	Cox, George	45
Citaker, Seyit	157	Confalonieri, Norberto	77	Cox, Peter	79, 200
Çitaker, Seyit	186, 187	Conget, Paulette	63	Coyle, Ryan	63
Citak, Mustafa	78, 99, 127, 136, 138, 139, 159, 173	Cong-Feng, Luo	61	Coyle, Sue	63
Clarés, Ibán	187	Conn, Kevin	126	Craig, David	138
Clar, Heimo	143	Conserva, Vito	121	Craigen, Michael	189
Clark, Andrew	190	Constantino, Juan	140, 144, 200	Craig, James	147, 173
Clark, D.	149	Conteduca, Fabio	120, 183	Craig, Klinger	176
Clarke, Susannah	141	Conteduca, Jacopo	120	Craik, Johnathan	77, 182
Clark, Rhys	95	Cooke, Stephen	79	Crainz Fossati, Edoardo	61, 121
Clar, Volker	143	Coon, Thomas	150	Craviari, Thierry	201
Clatworthy, Elizabeth	126	Cooper, Rose	43	Crawford, John	162
Clauss, Martin	164	Corchado, Carolina	160	Crawford, Louise	189
Clayson, Anthony	144, 198	Cordero-Ampuero, José	40, 92, 170, 176	Creasy, Henrietta	199
Clayson, Tony	198	Corella Abenia, Eduardo	142, 155	Crevoisier, Xavier	115, 166
Clayton, James	76	Corella, Eduardo	171, 188	Cristea, Stefan	94, 100, 112, 163, 174, 177, 191

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Cristescu, Ioan	152	Das, Abhishek	96, 100	Deledda, Davide	93
Cristiano, Lara	183	D'Ascola, Jacopo	61	de Leeuw, Peter	113
Cronin, Kevin	128	da Silva, Manuel	162	Delepine, Fabrice	135
Cro, Suzie	166	D'Astorg, Henri	108	Delepine, Gerard	, 200
Crova, Maurizio	93	Dattani, Rupen	100, 155, 156	Delepine, Nicole	200
Crowther, Mark	99	Davidson, David	99, 171, 176	Delfosse, Daniel	80
Crusi, Xavier	175	Davidson, Jerome	111, 143, 186	Delgado, Jorge Alexsander	47, 160
Cruz de Melo, Jorge	179	Davies, Andrew	142, 184	Delgado, Maria	144
Cruz, Encarnación	97, 145, 173	Davies, Chi	136	Delgado Martínez, Alberto	188
Cruz-Pardos, Ana	170, 173	Davies, Mark	191	Delimar, Domagoj	94, 172
Cucurulo, Thomas	78, 148	Davies, Neil	147, 175	Della Rocca, Antonello	90
Cuéllar, Ricardo	42	Davis, Edward	93, 120, 137, 252	Della Villa, Stefano	106
Cuenca Espírrrez, Jorge	190	Davis, James	165	Delmi, Marino	71
Cullen, Nick	166	Davis, Naomi	71	De Lucas Aguilar, Rocío	76
Culpan, Paul	199	Däxle, Manuel	157	De Lucas y Cadenas, Pablo	193
Curran, Dominic	41	Dayanandam, Bharani	166	Demangel, Alexandre	198
Curvale, Georges	81	Dayer, Romain	81, 146	De Meo, Federico	177
Cury, Marco Bernardo	74	De Bri, Edin	155	De Meulemeester, F.	51
Cuthbert, Richard	130	De Cabo, Alfonso	160	Demiralp, Bahtiyar	133, 199
Cutler, Lucy	143	De Carli, Angelo	150, 158	Demirhan, Mehmet	79, 123, 154
D		Decking, Ralf	172	Demirkale, Ismail	195
Da Assuncao, Ruy	175	De Coulon, Geraldo	81, 146	Demiroz, Serdar	164
Dabasia, Hitesh	163, 196	De Dios Pérez, María Sol	134	Demirtas, Abdullah	156
Dafydd, Meilyr	93	Deep, Kamal	90	Demir, Teyfik	137
Dagher, Elissar	198	Degan, Ryan	156	De Nardo, Luigi	140
Dagla, Radu	198	De Gast, Arthur	59	Denes, Marton	143, 169
Dahl, Line	65	De Gheldere, Antoine	189	Dengsoe, Kristine	65
Dahl, Ola	92	Dehlinger, Friedrich	157	Deniz Rodríguez, Bernabé	159
Dala-Ali, Benan	196	Deiniger, Christian	142	Dennehy, Tracey	165
D'Alessio, Jerry	139	Dejkala, Valerij	149	Dennis, McGonagle	64, 130
Dalglish, Stephen	138	De Jong, Andy	202	Denti, Matteo	69, 72, 88, 103
Dalla Pria, Paolo	155	Dejour, David	78, 149	DeOrio, James	115
Dallari, Dante	75	De la Hoz García, Miguel	188	Deo, Sunny	61
Dallaudière, Benjamin	155	de Landevoisin, Emmanuel	75	De Pedro, José Antonio	140
Dalwol, Abdalla	76	Delank, Karl	111, 129, 159	de Pellegrin, Maurizio	40, 106
Daly, A.	191	Delanois, Ronald	80, 150	Dersch, Kathrin	136
Dandachli, Wael	95	De la Red Gallego, María Ángeles	194	Desai, Ankit	134
Daniel, Neen	99	De La Red Gallego, María Ángeles	194	De Sanctis, Stefania	65
Daniel, Sandra	180	De Las Heras, Jorge	71	De Santis, Pierfrancesco	187
Dan, Jinmyoung	46	De las Heras, Julio	42, 43	Desmarchelier, Romain	148
Danoff, Jonathan	63	Delasotta, Lawrence	185	De Smet, Koen	127, 175
Dao Trong, Mai Lan	77	De la Torre-Escuredo, Basilio	41	De Steiger, Richard	99, 171, 176
D'Arienzo, Antonio	169	De la Torre, Miguel	169	Devitt, Aiden	128
D'Arienzo, Michele	169	Del Bosque Herrero, Antonio	142	Dewan, Varun	188
D'Arrigo, Carmelo	65	Del Canto Iglesias, Francisco	194	Dezso, Szász	200
		Deleanu, Bogdan	46, 51, 190, 196	De Zwart, Andele	66

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Dhaliwal, Jagwinder	178	Djahani, Oliver	95	Dreu, Manuel	36
Dhawan, Rohit	127, 182	Djian, Patrick	78, 103, 148	Drew, Stephen	154
Dhillon, Manpreet	187	D'Mello, Oli	186	Drexler, Michael	48, 90, 99
Dhinsa, Baljinder	180	Dobosz, Bartlomiej	138	Drijkoningen, Tessa	66, 151
Diamond, Owen	59	Dobrocky, Tomas	201	D'Souza, Lester	81, 191
Dias da Costa, Luís	98	Dobson, Philip	129, 143	Duarte, Filipe	105, 114, 116, 121, 148, 194, 197
Dias, Joseph	70	do Carmo, Wellington	77	Dubois, Caroline	114
Dias, Sílvia	179	Docker, Charles	170	Dubois-Ferrière, Victor	81, 146
Diaz Diaz, Juan	163	Dodd, Christopher	95	Dubousset, Jean	69, 200
Diaz Ferreira, Eugenio	184	Dodd, Matthew	169	Ducic, Sinisa	166
Díaz-Guemes, Idioa	140	Dodds, Alexander	78, 139	Duckett, Stephen	191
Diaz Heredia, Jorge	42	Dodds, Michael	191	Ducrot, Guillaume	155
Diaz, Ramiro	38, 179	Doebele, Stefan	142	Duc, Silvan	93
Díaz-Rojas, L. M.	134	Dohi, Osamu	145	Duda, Georg	97, 142
Di Bisceglie, Francesco	61, 121	Dohmae, Yoichiro	65, 167	Dudhniwala, Gaffar	184
Dickenson, Edward	191	Doi, Toshio	128	Duerselen, Lutz	62, 171
Diehl, Stefan	164	Dolcet, Claudia	36	Duguay, Steohen	255
Dienstknecht, Thomas	76, 104, 114, 158, 191	Dolfin, Marco	197	Dulgeroglu, Ali	139
Diep, Phong	35	Dolinar, Drago	48, 98	Dumitrescu, Mihnea	66, 187
Dierckman, Brian	98	Domae, Yo-ichiro	67	Dumitru, Costin	66, 187
Dierkes, C.; Theiss, Carsten	127	Domayer, Stephan	74	Dumontier, Christian	39, 103
Diezi, Christian	77	Dombrovskij, Alexei	153	Dunbar, Mark	181
Digge, Vijaykumar	147, 150, 178, 190	Dominguez, Enrich	195	Dunbar, Michael	95, 139
Di Giorgio, Luigi	165	Domini, Marcello	185	Dungl, Pavel	45, 73, 201
Dijkstra, P.	89, 133, 134	Dominkus, Martin	134, 135	Dunnet, William	180
Dijkstra, Sander	114	Donaldson, O.	158	Dunstan, Edward	175
Dikmen, Göksel	48, 64, 148	Donaldson, Olly	93	Duran, C.	138
Di Martino, Alessandro	43	Donati, Davide Maria	165	Durran, Alexandra	180
Di Matteo, Berardo	43	Donell, Simon	126	Dutka, Julian	138
Dimmen, Sigbjorn	45	Dong, Nick	63, 167	Dutka, Lukasz	138
Di Motta, Daniele	193	Donner, Stefanie	75	Duus, Benn	97, 103, 175, 196
Dimri, Ravinder	154	Doornberg, Job	66, 110, 155	Dwyer, Jonathan	190
Diñçel, Veysel	164	Dora, Claudio	73, 125	Dwyer, Tim	48, 90, 99
Ding, Ming	140	Doral, Mahmut Nedim	49, 72, 74	Dyke, Jonathan	176, 196
Dinjens, R.	41	Doria, Carlo	91	Dykes, Fiona	81
Dinnebier, Gerd	180	Dornacher, Daniel	183	Dzemiantsou, Andrei	199
Di Pietro, Roberta	140	Doudoulakis, Konstantinos	141		
Dirschedl, Katharina	177	Downen, Daniel	139, 190, 199		
Di Sette, Priscilla	120, 183	Downham, Christopher	147		
Di Silvestri, Claudia	175	Drabu, Roshan	178		
Ditsios, Konstantinos	93	Drago, Lorenzo	67		
Di Turi, Paola	185	Dragusanu, Silviu	198		
Divecha, Hiren	192	Dramis, Asterios	126		
Divekar, Manish	46, 199	Drange, Steffen	139		
Dixon, John	169, 180	Dreher, Thomas	101		
Djafari Marbini, Hosnieh	196	Dreinhöfer, Karsten	58, 123		
				E	
				Eajazi, Alireza	179
				Earnshaw, Peter	142
				Easley, Mark	115
				East, Debra	111, 186
				Eastley, Nicholas	89, 160, 161
				Eastwood, Deborah	102, 116, 145
				Ebreo, Darren	126

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Eckardt, Henrik	46	El-Sharkawi, Mohammad	104	Esmer, Ali	192
Ecker, Timo	94	El-Sharkawy, Ahmed	136	Esmer, Firat	135
Eckhoff, Donald	95	Elsibaei, Anas	137, 167	Esopi, Paolo	94
Economopoulos, Dimitrios	200	Elsner, Jonathan	149	Espehaug, Birgitte	90
Edelmann, Mickael	73	Elson, Leah	107, 178	Espejo Baena, Alejandro	150
Edmondson, Mark	186	Elsorafy, Kareem	142	Espejo Reina, Alejandro	150, 188
Edmond, U.	178	Emans, Pieter	64	Espiga Tugas, Xavier	146
Edwards, Antoinette	114	Emery, Roger	158	Espinosa, Maximiliano	63
Edwards, Caroline	79	Emmerson, Kevin	177	Espregueira-Mendes, João	103, 130, 185
Edwards, Huw	134, 149	Enchev, Dian	156	Essner, Aaron	127, 150
Efe, Turgay	167	Enciso, Susana	140	Esteban, Ignacio	70, 152, 157
Efstathiopoulos, Nikolaos	144, 149	Endler, Georg	190	Estella Nonay, Ruben	182
Eftychiakos, Nikolaos	135, 157, 162	Endo, Naoto	65, 94, 167, 172, 174, 175, 176, 201	Estellés, Luis	194
Egerci, Omer	199	Engeseter, Lars	113	Esteve, Alba	104
Ege, Tolga	199	Engh, Charles	60	Estévez, Daniel	134
Egidy, Claus	99	Enocson, Anders	113, 191	Estok, Daniel	107
Eguchi, Yawara	162	Enomoto, Takahiro	160	Estrada, Paula	194
Ehlinger, Matthieu	155	Ensthaler, Ludwig	177	Ettinger, Max	75
Ehnert, Sabrina	63	EpINETTE, Jean Alain	78	Evans, Aled	100
Eid, Ahmad	114, 124	Erbas, Oytun	114, 139	Evans, Christopher	101
Eijnsman, Benno	93	Erbil, Baris	64	Evans, Sam	93, 138, 177
Ekeland, Arne	45	Erdem, Emin Ulas	154, 156	Evans, Scott	133
Ekelund, Anders	51, 58	Erdem, Mehmet	144, 162	Evola, Roberto	166, 175
Ekstrand, Jan	106	Erdem, Sevki	156, 164	Ey Battle, Ana	76
Ekström, Wilhelmina	103	Erdil, Mehmet	81, 139, 148, 153, 181, 185, 188, 201	Eysel, Peer	159
El-Adly, Wael	199	Eren, Osman	38, 39, 141, 189, 196	Ezagüi, Jaime León	134
Elbers, Jos	144	Eren, Tugrul	165	Ezechieli, Marco	75
El-Deen, Mujahid	143	Erhardt, J.	191	Ezquerro, Laura	171, 182, 188
Elfaki, Ahmed	79	Eriksson, Bengt	253	Ezquerro Juanco, Francisco	150
El-Gafary, Kamal	199	Erkoçak, Ömer	81	Ezzati, Ali	114
El-Husseiny, Moataz	42, 150	Erquicia, Juan	64		
Elias, David	124	Ertan, Sema	47	F	
El Khoury, Ziad	198	Ertogrul, Rodi	196	Fabbri, Mattia	150, 158
Ellaparadja, Pregash	127	Erturan, Gurhan	184	Fabricant, Peter	101
Ellington, Kent	143	Erturer, Erden	144	Facchini, Alessandro	136
Elliot, J.	189	Ertürk, Cemil	96	Façee Schaeffer, Maarten	51
Ellitsgaard, Niels	201	Escalera Alonso, Javier	134	Fagan, Daniel	163
Elmadag, Mehmet	130, 139, 148, 153, 178, 185, 186, 201	Escudero Rueda, Lydia	76	Faganeli, Nataša	145
Elmadag, Nuh	81, 188	Escudero González, Óscar	166	Fahy, Aodhnait	166
Elnikety, Sherif	130	Escudero, Juan	153	Faldini, Alessandro	82
Elo, Petra	59, 75, 120, 126, 176	Eseonu, Kelechi	104	Falez, Francesco	94, 254
El Sayad, Mouhamed	184	Eskelinen, Antti	59, 75, 77, 115, 120, 126, 168, 171, 176	Fallahi, Farshid	124
Elsayed, Ayman	112	Esler, Claire	89	Fantasia, Rossana	75
El-Sayed, C.	180			Fantini, Gary	163
El Shafie, Sherif	182			Fantino, Bruno	129
				Farack, Jana	42

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Farag, Mohamed	169	Ferrata, Paolo	61	Foley, Giles	141
Farah, Nassif	189	Ferreira, André	253	Fong, Angus	136
Farah, Zeina	189	Ferreira Neto, Arnaldo Amado	93	Fonseca, Fernando	43, 186
Farhan, Munthir	50, 187	Ferreira, Nuno	164	Font, Adrià	175
Faroug, Radwane	144	Ferreira, Paiva	193	Fontaine, Christian	154
Farouk, Mohamed	83	Ferrer-Ballester, B.	143	Fontalva, María Luisa	134
Farouk, Osama	199	Ferrer, Sofia	180	Fontana, Maurizio	155
Farrington, William	147	Ferretti, Andrea	65, 120, 150, 158, 183	Font, Jordi	154
Farr, Sebastian	200	Ferretti, Matteo	150	Foojareonyos, Trakul	183
Favard, Luc	150	Ferris, Barry	187	Fook, Stephanie	190
Fawi, Hassan	115, 158	Fessy, Michel-Henri	100, 148	Ford, David	50
Fawzy, E.	162	Feydy, Antoine	95, 108	Forlani, Christian	136
Fazal, M Ali	167	Ficklscherer, Andreas	42, 100, 148	Fortuna, Rafael	130
Fearon, Paul	191	Fiddian, Nick	186	Fosco, Matteo	184
Fehily, Max	66, 94	Field, Richard	73, 141, 145	Foss, Olav	190
Feilkas, Thomas	133	Figueras, Guillem	167	Fottner, Andreas	178
Fekete, Andras	156	Figueroa, David	63	Fousekis, Konstantinos	161
Fekry, Helmy	187	Figura, Michael	136	Fowler, Andy	47
Feldbauer, Roland	139	Filanti, Mattia	75	Fox, Andy	171
Felmet, Gernot	74	Filardo, Giuseppe	43	Fox, Ciara	75
Fender, David	108	Filiseti, Jorge	178	Fox, Michael	38, 42, 67
Fenga, Domenico	144	Fine, Nicola	165	Frada, Ricardo	158, 179
Feng, Bin	48	Fingerhuth, Maximilian	153	Frada, Tiago	162
Feng, Chi-kuang	194	Finlayson, David	138	Francescotto, Andrea	93
Fennema, Peter	112, 139	Fiquet, Arnaud	252	Franck, Alexander	128
Fenstad, Anne	113	Firat, Ahmet	195	Franco, Jose Segio	62
Ferguson, Kim	143	Fischerauer, Eva	81	Franke, Jochen	121
Fergusson, Colin	178	Fischer, Ben	151	Franke, Stephanie	157
Fernandes, Margarida	185	Fischer, Jean-François	171	Franklin, Patricia	177, 181
Fernandes, Pedro	109, 129, 190	Fischer, Michael	77	Franklin, Sarah	130
Fernandes Teixeira, Joana Helena	109, 190	Fischer, Ralph	76	Franz, Alois	251
Fernández, Carlos	142	Fishley, William	77	Franz, Daniel	156
Fernández, David	156	Fisichella, Leonardo	144	Fraschini, Paolo	161
Fernández Fairen, Mariano	148, 161	Fitz, Wolfgang	184	Freedman, Jordan	136
Fernández-Fernández, Ricardo	183	Flecher, Xavier	48, 110	Freeman, Jennifer	111
Fernández, M. A	161	Fletcher, James	61	Freiberg, Andrew	121
Fernández, Miguel	187	Flieger, Ioannis	41	Freitas, Daniel	151
Fernández Noguera, Nuria	195	Fliri, L.	46	Freitas, Emilio	74
Fernández Savoy, Ignacio	173, 192, 193	Flivik, Gunnar	111	French, Gary	59
Fernández, Tania	148	Flodin, Lena	97	Frenos, Filippo	134
Fernández-Valdes, José	142	Flohr, Markus	70	Frenzel, Jan	139
Fernández-Valencia, Jenaro	148	Flondell, Magnus	42	Freude, Thomas	63
Fernando, Francis	61	Flores, Xavier	144, 145	Frey, Solenne	81
Fernando, Waduge	112, 181	Flörkemeier, Thilo	178	Friedl, Wilhelm	193
Fern, Darren	94, 122	Flurin, Pierre Henri	35	Friesenbichler, Jörg	133, 134, 146, 159, 181, 183, 184
Ferrari, Roberto	144	Flynn, Jennifer	156		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Frisone, Horacio	178	Gality, Hristifor	114	Gaston, Paul	77
Frisoni, Tommaso	165	Gallacher, Peter	191	Gauger, Erich	42
Frobell, Richard	148	Gallardo, Amparo	144	Gausepohl, Thomas	110, 153
Froehlich, Elke	40	Gallego, Adrián	82	Gautam, Deepak	178
Frogghi, Saeid	139	Gallie, Price	120	Gayretli, Özcan	66
Frostick, Simon	155	Gamba, Carlo	175	Gbejuade, Herbert	105, 182
Froufe Siota, Miguel Angel	145, 159, 195	Gambacorta, Monica	194	Gebauer, Matthias	139, 146, 173
Frydrychova, Monika	201	Gamez Moreno, Davinia	47, 160	Gebhard, Florian	46, 91, 191
Fry, Helen	81	Gandhi, Maulik	101, 104, 137, 165, 193	Gebuhr, Peter	120
Fuchs, Bruno	134	Gannedahl, Mia	159	Gee, Edward	141, 201
Fuentes Salguero, Luis	47, 160	Ganz, Reinhold	73	Gehrke, Thorsten	99, 127, 136, 138, 139, 173
Fu, Freddie	78	Gao, Bo	138, 182	Gehrke, Thorsten	153
Fuhrmann, Gert	83	Garavaglia, Guido	74	Geijer, Mats	152, 187
Fujii, Hideki	168	García Albea, Raquel	189	Gelber, Pablo	64
Fujimaki, Hisako	93	García Alonso, Manuel	188	Gelderblom, H.	133
Fujita, Kenji	93, 95, 170, 171, 172, 173, 174	García, Belén	195	Gelinsky, Michael	42
Fuji, Takeshi	111, 169, 170	García-Bonet, Jordi	151	Gen, Lim	201
Fujiwara, Keiju	59, 120	García-Briñón, Jesús	148	Georgeanu, Vlad	94, 174
Fujiwara, Tomohiro	135	García-Cimbrelo, Eduardo	91, 92, 89, 170, 173, 176	Georgiev, Hristo	79
Fukuda, Hideaki	144, 170, 174, 185	García-Coiradas, Javier	134	Georgiou, Christos	162, 175
Fukui, Yuka	170	García de Castro, Arcadio	140	Georgy, Bassem	160
Fukunishi, Shigeo	94	García-Espasa, Celia	191	Gerakopoulos, Efstratios	188
Fukushima, Kensuke	105	García Flórez, Luis	162, 163	Gera, Sumanth	201
Fukuta, Makoto	154, 163, 173	García, Francisco	133	Gerber, Christian	35, 93, 124
Fulin, Petr	157	García García, Javier	188	Gerber, Robert	151
Funaioli, Silvia	94	García-Giralt, Natalia	64	Gergely, Istvan	142, 178
Funayama, Naoki	168	García, L.	138	Gerrand, C. H.	135
Funovics, Philipp	38, 129, 134, 135, 146	García, Marta	151, 154	Gersbach, Silke	164
Furnes, Ove	90, 113	García Martínez, Beatriz	190	Geutjens, G.	39
Furuko, Tsuyoshi	168	García Medrano, Belén	162, 163, 166, 189, 194	Ghani, Yaser	151
Furustrand Taffin, Ulrika	137	García Renedo, Raúl	194	Ghassemi, Alireza	154
Fusaro, Isabella	101	García-Rey, Eduardo	170, 173, 183	Ghatahora, Ameet	186
Fusi, Simonetta	136	García, Sara	194	Ghayem Hassankhani, Ebrahim	169
G		García Virto, Virginia	194	Ghosh, Arijit	81, 164, 165, 166, 179
Gadde, Sarat	124	Garci, Calogero	89	Ghosh, Koushik	170
Gadell, Pia	188	Gardner, Adrian	161	Ghosh, Subhajit	42
Gaden, Mark	96, 192	Gardner, Edward	147, 173	Giannini, Sandro	68, 98, 139, 165, 255
Gadiyar, Rajiv	103	Garellick, Göran	75, 100, 103, 113, 122, 173	Giannoudis, Peter	34, 41, 64, 65, 80, 91, 96, 114, 130, 141
Gaetani, Giorgio	108	Garnavos, Christos	38	Gibbons, C.	89, 133
Gagey, Olivier	157	Garner, Amy	153	Gibbons, Paul	73
Gaheer, Rajinder	90	Garrett, Simon	166	Gibbs, James	176, 198
Gajdzis, Jason	176	Garrido, Isaías	156	Gibson, Alexander	162
Gajjar, Shreyash	100	Gartonea, Dinu	100, 191	Gibson, Mike	108
Gajula, Partha	99, 176	Gaston, Louie	89	Gibson, Suzy	153
Gakhar, Harinder	163				

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Gick, Sascha	40	Glott, Thomas	82	González, Magdalena	130
Giddie, Jasdeep	178	Glüer, Claus	114	González-Martín, María	144
Giebaly, Dia	137	Glyn-Jones, Sion	126	González Pérez, Angel David	161
Giebaly, Dia Eldean	186	Goddard, Richard	111, 143, 186	Gooding, Christopher	199
Gie, Graham	250	Godino, Manuel	196	Goodman, James	195
Giesinger, Johannes	123, 141, 147	Godman, Anna	101	Gordo, Christian	169
Giesinger, Karlmeinrad	123, 141	Godoy, Daniel	172	Gordon, Max	122
Gigliofiorito, Gaetano	93	Godry, Holger	159	Gordon, Wade T.	251
Gikas, Evaggelos	151	Goebel, Stephanie	100	Görgeç, Mücahit	154, 191
Gikas, Panagiotis	135	Goecke, Annelise	43	Gosalbez, Javier	142
Gilbert, Nina	139	Goel, V.	158	Gosal, Harminder	108
Giles, Joshua	124, 156	Goerres, Gerhard	77	Gosling, Oliver	164
Gil González, Sergi	45, 135, 146, 181, 186	Goetz, Juergen	98	Goslings, J. Carel	66, 165
Gil, Jorge	199	Gogi, Nitish	176	Goswami, Karan	61
Gillespie, Patrick	151	Gogna, Rajiv	140, 142	Gotanda, Kiyokazu	192
Gillespie, Sharon	190	Gogulescu, Bogdan	142, 143, 190	Gøthesen, Øystein	90
Gill, Harinderjit	105, 107, 140	Gogulescu, Nicolae	142, 143, 190	Gotoh, Masafumi	144
Gill, Ian	169	Gogus, Abdullah	37	Goto, Ken-Ichiro	138
Gillott, Elizabeth	89, 107, 136, 140, 164, 187	Gök, Bilal	189	Gotterbarm, Tobias	63, 105, 107
Gill, Richie	36, 126, 175	Göktürk, Erol	151	Göttlinger, Michael	63
Gilpin, David	151	Golbakhsh, Mohammadreza	161	Gottrup, Finn	43
Gimeno, Dolores	152	Goldberg, Andy	166	Gouin, François	46
Gines-Cespedosa, Alberto	165	Goldvasser, Dov	174	Gould, Anthony	45
Gioftsos, George	161	Golpinar, Alper	78	Gouzy, Solène	107
Gioitta Lachino, Salvatore	175	Golubev, George	193	Govedarov, Zahari	196
Giota, Angeliki	151	Golubev, Vitaly	193	Govindaswamy, Raj	186
Giovarruscio, Roberto	64	Gomes, Diogo	101	Gower, Andrew	51, 188, 200
Giraldo, Ciro	144	Gomes, Jose	146, 179	Goyal, Ankit	78, 110
Girardi, Federico	47, 163	Gomes, Luiz	77	Goyal, Tarun	177
Girard, Julien	36	Gómez-Barrena, Enrique	176	Graage, Jan	139
Girolami, Mauro	193	Gómez-Cardero, Primitivo	179	Grabner Von Rosenberg, Jean-Paul	114
Girsch, Werner	200	Gomez, Glenn	115	Graci, Calogero	135
Giurea, Alexander	74, 77	Gómez, Jesús	190, 199	Gradl, Gertraud	76, 154, 191
Gjertsen, Jan-Erik	113	Gómez Mendieta, Remedios	134	Graf-Eltz, Stephanie	153
Gkikas, Georgios	157	Gómez, Mercedes	181	Graf, Susanne	164
Gkouvas, Georgios	193	Gómez Santos, Helena	193	Graf, Thomas	178
Glaser, Ernesto	157	Gómez Vallejo, Jesús	155	Graham, Alastair	36
Glasmacher, Stefan	128	Gómez Vaquero, Carmen	194	Graham, Niall	182
Glaysier, James	163	Goncalves, Ramiro	177	Graham, Simon	41
Glazebrook, Mark	121	Gonçalves, Ricardo	71, 196	Grammatopoulos, George	105, 107, 126, 175
Glazewska, Agnieszka	196	Gönen, Emel	142	Grant, Michael	141
Gleeson, Nigel	185	González, Amanda	74	Grant, Stephen	127
Glehr, Mathias	143, 152, 165	González, Gaspar	71	Granville-Chapman, Jeremy	110
Gliatis, John	140, 161, 185	González-Gómez, Ignacio	144	Grappiolo, Guido	127
Glorion, Christophe	200	González, José	175	Gras, Florian	197
		González, José Luis	71	Grassi, Alberto	83, 149

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Graveleau, Nicolas	78, 148	Gudnason, Asgeir	111	Haas, Sylvia	147, 253
Graves, Stephen	99, 171, 176	Guduri, Venugopal	165	Habermann, Bjoern	162
Gray, Andrew	190, 191	Guerado Parra, Enrique	97, 145, 148, 159, 160, 173, 196	Hachiya, Yudo	160
Grechenig, Stephan	36	Guerra, Enrico	155	Hackney, Roger	105
Grechenig, Wolfgang	36	Guerra, Ernesto	145, 166, 197	Haddad, Behrooz	41, 64, 202
Grech, P.	149	Guerreiro, Ricardo	71, 101	Haddad, Christian	198
Green, Daniel	101, 200	Guirro Castellnou, Pau	45, 135, 145, 146, 165, 175, 184	Haddad, Fares	61, 69, 125, 140, 147, 149, 150, 183, 197, 252
Greene, Alex	35, 149	Guitton, Thierry	155	Haddad, Sleiman	134, 145, 152, 157, 166
Greene, Kenneth	95	Gulati, Vivek	149	Haddad, Ziad	192
Greene, Meredith	80, 120, 122	Gülecüyz, Mehmet	42, 64, 100, 124, 148	Hadden, William	111
Green, Robert	93, 124, 191	Gülenç, Baris	154	Haerle, Max	49
Green, Timothy	185	Guler, Ferhat	151	Hafeez, Khalid	99
Greer, Tony	178	Guleri, Achyut	105	Haid, Christian	180
Gregersen, Kristine	134	Gulhane, Sandesh	179	Haimerl, Martin	93
Gregis, Giampietro	144	Gulian, Andrei	143, 169	Haines, John	158
Gregori, Markus	198	Gullan, Dag	146	Hajdu, Stefan	198
Gregory, Robert	72	Gülman, Birol	73	Ha, Jeong Ku	149
Greiner, Stefan	154	Gülnaz, Dolunay	145	Halbwirth, Florian	97
Greitbauer, Manfred	198	Gümüs, Bilal	114, 139	Halder, Subash	176
Grice, John	147	Gunay, Huseyin	35	Halici, Zekai	142
Grice, Peter	147	Günther, Klaus-Peter	75, 180	Hallan, Geir	90
Griffin, Damian	181	Guo, Shigong	48, 182	Haller, Petra	152, 153
Griffin, Xavier	104, 196	Gupta, Ritu	198	Halvorsen, Svein	90
Griffin, Xavier Luke	69	Gupte, Chim	158, 195, 196, 197	Hamad, Abdulkader	188, 190
Griffiths, David	179	Gupte, Chinmay	78, 141	Hamann, Christine	51
Griffiths-Jones, William	122	Gurbuz, Hakan	164	Hambidge, John	35
Grifka, Joachim	98	Gürler, Deniz	164	Hambling, Ruth	46
Grigoriadis, George	135, 157, 162	Gürsel, Enis	178	Hamer, Andrew	111
Grill, Franz	45, 112	Gürses, Ilke	66	Hamilton, Thomas	153
Grillo, Pier Paolo	93	Gürsu, Sarper	149	Hammouche, Salah	146
Grimer, Robert	38, 40, 51, 89, 133	Gurzi, Michele Dario	165	Ham, S.	51
Grimes, Lisa	41	Gutierrez, Manuel	95, 177, 189	Hanada, Mitsuru	105, 106, 168
Grimm, B.	41, 47, 107, 171	Gutierrez-Argumosa, Gloria	152	Hancock, Nicholas	196
Grivas, Theodoros	160	Gutiérrez Olivera, Natalia	173, 192, 193	Hangody, György	139
Grøgaard, Bjarne	181	Gutierrez, Pedro	146	Hangody, László	139
Grohs, Josef	163	Gutteck, Natalia	111, 129	Han, Hyuk-Soo	111, 182
Grootendorst, Diana	66, 151	Guvén, Fatih	47	Hannich, Hans	139
Groseanu, Florin	100, 163, 191	Guvén, Zeynep	179	Hansen, Flemming	167
Gross, Allan	101	Guzman, Rodrigo	164	Hansen, Knut Egill Parrington	108, 195
Grossner, Tobias	63	Gylvin, Silas	193	Hansen, Nienke	104
Grosso, Elena	189, 197			Hansen, Thomas	45
Gruber, Gerald	152, 165, 181, 183			Hansen, Viktor	121
Gruebl, Alexander	74, 77			Hansom, Donald	138
Grum-Schwensen, Thomas	134			Han, Suhong	46
Grützner, Paul	121			Haque, Aziz	121
Gudipati, Suri	96, 141				

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Haque, Syed	47, 137	Haug, Alexander	63	Hernefalk, Björn	198
Harada, Yoshifumi	92, 99, 130, 138	Hauk, Carsten	156	Hernigou, Philippe	34, 61, 88, 100, 253
Harada, Yoshitada	44, 172	Häußler, Kim	59	Herrera, Antonio	140, 153, 156, 168, 169, 180, 199
Hara, Eshelle	136	Havelin, Leif	90	Herrera, Lizeth	80, 127, 150
Haraguchi, Keiji	59, 120	Hawkes, David	155	Herrera Pérez, Mario	159, 163
Haragus, Horia	190, 196	Hayama, Tetsuo	168	Herreros López, Ramón	188
Harb, Ziad	169	Hayashi, Katsuhiko	40, 52, 89, 133	Hershman, Elliott	149
Harding, Richard	183, 196	Hayashi, Yoshikazu	71, 201	Herzog, Walter	130
Hardisty, Gerard	95	Haybaeck, Johannes	40	Hessling, Carola	136
Harindar, Gakar	179	Hay, Stuart	35	Hessmann, Martin	90
Harker, Richard	126	Hayward, Annabel	153, 158	Hess, Michael	91
Harnroongroj, Thossart	82, 129, 192, 193	Hayward, Phil	149, 150	Hexel, Michael	157
Harrington, Paul	153	Hazes, Mieke	48	Heyligers, I.	41, 47, 107, 171
Harris, Michael	129	Hearnden, Anthony	110	Heywood, Nick	105
Harrison, Emily	197	Heath, Karen	191	Higashiyama, Reiji	164
Harrison, Paul	130	Heck, Steffen	40	Higgs, David	196
Harrison, William	79, 96, 153, 194, 197	Hedbeck, Carl-Johan	113	Higuchi, Fujio	144
Harris, Simon	174	Hedström, Margareta	97, 103	Hill, Christopher	41, 162, 201
Harrold, Leslie	181	Heffernan, Christopher	167, 171, 172	Hill, Janet	59, 70
Hart, Alister	167	Heineken, Adriaan	134	Hillmann, Sophia	197
Hartley, Richard	158, 173	Heini, Paul	51	Himori, Ko	157
Hartl, Tessa-Katharina	100	Heir, Stig	45	Hinarejos Gómez, Pedro	45, 181, 184, 186
Hartmann, Albrecht	180	Heisel, J.	147	Hinarejos, Pedro	65, 186
Hartwig, E.	160	Helfet, David	176, 196	Hince, Andrew	138
Hartwright, David	120	Heller, Markus	106	Hintermann, Beat	115, 129, 164
Harvey, Adrian	186	Helm, Anthony	122	Hipfl, Christian	135
Harvey, Jason	163	Helmy, Näder	59, 77, 252	Hipps, Daniel	129, 143, 190
Harving, Mette	90	Hely, Hans	151	Hiraishi, Eiichi	98, 121
Hasan, Kamrul	166	Henderson, L.	189	Hirakawa, Kazuo	170
Hasan, Syed	105	Henman, Philip	79	Hirao, Makoto	154
Hasegawa, Masahiro	126, 171, 172, 176	Henninger, Heath	115, 129	Hirose, Shiro	167, 175
Hashemi-Nejad, Aresh	199	Hentenaar, Bram	49	Hiroyuki, Tsuchiya	125
Hashimoto, Eiko	160	Hentz, Vincent	151	Hirschfeld, Miguel	97
Hashimoto, Jun	154	Heo, Youn-Moo	151, 160	Hjartarson, Hjörtur	45
Haspl, Miroslav	79, 184	Heppert, Volkmar	109, 125	Hobbs, Chris	35
Hassaballa, Mohammed	78, 182, 185	Herard, Patrick	75	Hobusch, Gerhard	146
Hassan, A.	133	Herman-Kuiper, Jan	50	Hockings, Michael	180
Hassan, Fazal	138	Hermann, Andreas	170	Hoddinott, C.	158
Hassani, Hassen	178	Hernández, Cristina	148	Hodgins, Nicholas	176
Hassanmirzaei, Bahar	161	Hernández Elena, Jesús	194	Hodgson, Steve	151
Hassan, Syed	38, 138	Hernández Galera, Carolina	193	Hoechel, Sebastian	115
Hassel, Kathryn	164	Hernández-Hermoso, José	120	Hoegler, Richard	83
Hastie, Graham	192	Hernández, Jesús	194	Hofer, Manfred	42
Hatakeyama, Kenji	162	Hernández Martínez, Alejandro	157	Hoffmann, Felix	154
Hatakeyama, Seiya	201	Hernández, Pedro	181	Hoffmann, Frank	78, 153
Hatori, Masahito	145	Hernández Vaquero, Daniel	148, 161, 176		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Hoffmann, R.	191	Horst, Klemens	158	Hyub, Sakong	168
Hoffmann, Stefanie	63, 165	Horvathy, Denes	63		
Hoffmeyer, Pierre	59, 69, 74, 110, 157, 168, 173, 177	Hoshi, Manabu	40, 52, 133	I	
Hofmann, Gunther	82, 197	Hoshino, Hironobu	65, 105, 106, 168	Ibañez, Natalia	175, 177
Hofmann, Siegfried	34, 83, 88, 95, 185	Hoshino, Yuichi	78	Iborra, Miquel	39, 104, 145, 161
Högel, Florian	63, 165	Hosokawa, Hiroshi	180	Ibrahim, Edward	93, 154
Hogendoorn, P.	133	Hossain, Rehnuma	141	Ibrahim, Mazin	140, 147, 149, 152
Högler, Richard	185	Hourlier, Hervé	112, 139	Iftikhar, Hamid	146
Höhn, W.	160	Housden, Jonathan	171	Igarashi, Kentaro	40, 52, 89, 133
Ho, Kevin	108	Houston, Anthony	151	Iglesias, Javier	140
Holberg, Gerlind	147	Hovgaard, Dorrit	134	Iglesias, Susana	176
Holck, Kim	193	Howard, Nicholas	96	Ignatius, Anita	62, 171
Holinka, Johannes	98	Howell, Jonathan	250	Ihara, Zenichi	159
Holland, J. P.	105, 120	Howe, Tet Sen	155, 190	Iheme, Pia	193
Holland, Philip	156, 165	Hoyek, Fadi	198	Iida, Hirokazu	172
Hollinger, Boris	157	Hozack, William	63	Iida, Satoshi	44, 72, 168, 173
Hollmann, Lutz	59	Hualde, Ana	190, 199	Ikebuchi, Mitsuhiko	48, 107
Holmberg, Anna	82	Huang, Ronald	127, 185, 195	Ikenoue, Sumio	160
Holmes, Rachel	120	Hubens, Guy	66	Ikezawa, Hiroko	98, 121
Holodny, Ed	163	Huber, Jörg	129	Ikuta, Ko	128, 159, 161
Holsgaard-Larsen, Anders	170	Hube, Robert	177	Ilchmann, Thomas	89, 164
Holt, Catherine	193	Hubert, Laurent	189	Iliadis, Alexios	162
Holt, Graeme	108	Huddleston, James	120	Iliopoulos, Euthimios	82, 146
Holton, Colin	96	Hughes, Adrian	164	Illobre, José	169
Holton, James	150	Hughes, Alexander	47, 163	Ilona, László	200
Holtz, Kenneth	193	Huguet Boqueras, Jordi	41, 156	Imai, Norio	94, 167, 175, 176
Holzer, Gerold	146	Huhnstock, Stefan	199	Imaizumi, Hikaru	92, 155
Holzmannhofer, Joerg	159	Huhtala, Heini	77, 168	Imoto, Koujiro	180
Holzner, Bernhard	123	Hulet, Christophe	78, 148	Impellizzeri, Franco	122
Homan, A.	51	Hunter, Alistair	141	Inacio, Maria	77, 174
Homma, Yashiuro	100	Hunter, James	158	Inagaki, Naoya	168
Hommel, Ami	103	Hunter, Tom	101	Inanmaz, Mustafa	64, 155
Honda, Kazuhiro	180	Huntley, James	101	Inan, Muharrem	178
Hong, Chang-Hwa	161	Husain, B.	191	Inan, Ulukan	151
Honkanen, Pirjo	77, 115, 168	Hussain, Hamidah	200	Inatani, Hiroyuki	52, 89, 133
Hopkins, Clare	137	Husted, Henrik	41, 68	Indrakumar, Vithya	192
Hoppe, Emmanuel	189	Hutchinson, Charles	187	Infante, J. R.	138
Hopper, Robert	60	Huten, Denis	158	Inkaya, Erkan	164
Hoppe, Sven	128	Hutt, Jonathan	169	Inman, Dominic	108
Hopp, Sascha	34	Huylebroek, José	73, 74	Inngul, Christian	113
Horibe, Shuji	181	Hwang, Byoung-Yoon	121, 185	Innocenti, Bernardo	185
Horie, Masafumi	183	Hwang, Deuk-Soo	168	Inoue, Gen	148, 162, 164
Horigome, Youji	65, 94, 172, 174, 175, 176	Hwang, Kyu-Tae	100, 128, 171	Inoue, Masafumi	180
Horisberger, Monika	130	Hwang, Nicholas	40, 154	Inoue, Ryo	167
Hornig, Annie	64	Hwang, Seung-Hyun	185	Intzirtzis, Panagiotis	189
		Hynes, Matthew	136	Inui, Atsuyuki	92, 130, 138

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Ioannidis, Christos	135	Jacobsen, Barry	92	Jenkins, Paul	152, 195
Iorio, Carlo	150, 158	Jacobsen, Peter	96	Jenks, Tom	114
Iorio, Raffaele	150, 183	Jacobson, Aaron	42	Jenner, Goran	155
Iosifidis, Michael	64	Jacobus, Lucas	177	Jennings, Andrew	45, 72, 199
Iossifidis, Anestis	93, 154	Jacopin, Samuel	201	Jennings, Cara	163
Iotov, Andrey	198	Jacquemier, Michel	73	Jennings, Jack	160
Ippolito, Ernesto	50, 106	Jaeger, Sebastian	174, 184	Jensen, Claus	111
Ipteç, Murat	163	Jafri, Mansoor	139	Jensen, Cyrus	108
Iqbal, Mohammad Jawaid	194, 197	Jäger, Marcus	61	Jensen, Peter	103
Iringó, Szocs	200	Jahoda, David	145, 157, 177	Jeon, Seung-Hyub	182
Irlenbusch, Ulrich	35, 154	Jain, Neil	141, 147, 149, 150, 196, 199	Jeon, Yoo-Sun	168
Isaac, David	137	Jain, Shiva	99	Jerónimo, Rita	197
Isacson, Anders	148	Jain, Vineet	78, 110	Jerosch, J.	160
Isart, Anna	46	Jaiswal, Anuj	35	Jeyaseelan, Luckshmana	38, 67, 96
Ishibashi, Yasuyuki	173	Jakobsen, Thomas	167	Jeys, Lee	51, 133
Ishida, Tsunehito	74	Jakubowitz, Eike	139	Jha, Shilpa	111, 143, 186
Ishii, Yoshinori	35, 67, 145, 151, 165, 179, 194	Jalgaonkar, Azal	145	Jiménez Gómez, Francisco	189
Ishikawa, Tetsuhiro	162	Jamal, Waheed	147	Jimenez, Lydia	151, 154
Isikan, Ugur	96	James, Chris	180	Jiménez-Moleón, José	193
Isikawa, Tetsuhiro	148	Jameson, Simon	77, 113, 120	Jinno, Tetsuya	175
Isintas Arik, Meltem	154, 156	James, Samuel	180	Jöckel, J.	191
Islam, Mueedul	162	James, Stuart	161	Joel, James	104
Isotalo, Kari	169	Jamsa, Pyry	168	Joeris, Alexander	201
Israeli, Shmuel	149	Jansen, Tom	128, 129	Johannes Hansen, Viktor	178
Issin, Ahmet	149	Jansson, Volkmar	42, 64, 65, 77, 124, 178, 181	Johansson, Fredrik	155
Itoi, Eiji	47	Japie, Ioan	175, 192	John, Alun	126
Itokazu, Maki	48	Jaramaz Ducic, Tatjana	166	John, Joby	194
Ito, Tomoyuki	167, 201	Jardim, Ani	147	John, John	182
Ivanescu, Adrian	169	Jaromir Jan Jarecki, Jarecki	184	Johnson, Aaron	80
Ivica, Mihovil	191, 192	Jarratt, Jeremy	136	Johnson, Benjamin	166, 201
Ivory, Kamal	126	Jarvers, Jan- Sven	128	Johnson, Diane	35
Iwai, Shintaro	93, 95, 170, 171, 172, 173, 174	Jasani, Vinay	109	Johnson, Garth	154
Iwaki, Hiroyoshi	48, 107, 170	Jassim, Shivan	150	Johnson, James	124, 156
Iwase, Dai	164	Jauregui, Ricardo	172	Johnson-Lynn, Sarah	153
Iwase, Toshiki	168	Javed, Saqib	192	Johnson, Nicholas	195
Iyer, S.	178	Jawed, Fayez	200	Johnson, Riem	108
Izquierdo Martin, Ana	201	Jayaramaraju, Dheenadhayalan	141	Johnson, Simon	111
Izquierdo, Oscar	195	Jayasekera, Narlaka	75, 167	Jöllennebeck, B.	160
J		Jayme, Odette	137	Jolles-Haeberli, Brigitte	68, 171
Jabif, Alberto	173, 193	Jeavons, Lisa	124, 199	Jones, Alice	159
Jackson, Bob	137, 167	Jeavons, Richard	51, 154, 188, 200	Jones, Bryn	138
Jackson, Mark	121	Jeer, Chan	197	Jones, Carl	90
Jackson, William	150, 184	Jeer, Parminder	196	Jones, Christopher	141
		Jelinek, Eva	174	Jones, Elena	64, 130
				Jones, Henrique	79
				Jones, Ioan	166

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Jones, Kristofer	200	Kacira, Burkay	178, 186	Kapoor, Vikas	104
Jones, Mike	63, 81	Kaddick, Christian	65	Kapoukranidou, Dorothea	93
Jones, Morgan	176	Kafa, Baris	186	Kappel, Andreas	167
Jones, Nigel	151	Kafa, Nihan	157, 186, 187	Kappe, Thomas	98, 157
Jones, Simon	108	Kafchitsas, Konstantinos	160, 162	Kaptein, Adriaan	113
Jones, Stephanie	196	Kahraman, Sinan	164	Kara, Adnan	128, 152, 165
Jones, Stephen	126	Kailash, Kailash	158	Kara, Ayhan	164
Jong Min, Lee	138	Kai, Shin	168	Karaca, Onur	135
Jonker, Leon	124	Kajino, Yoshitomo	93, 95, 170, 171, 172, 173, 174	Karachalios, Theofilos	37, 70, 88
Joo, Jong-Hwan	185	Kakavas, Pindaros	141	Karagiannis, Apostolos	128
Jordan, Robert	191, 199	Kakkar, Rahul	120, 135	Karahasanoglu, Ümit	141, 196
Jørgensen, Christoffer	41	Kalairajah, Y.	137	Kara, Kürsat	67, 147, 177, 178
Jørgensen, Henrik	97, 175, 196	Kalali, Fatih	124	Karakus, Emre	142
Jørgensen, Peter Bo	184	Kalantzis, Panagiotis	141	Karaliotas, Georgios	140
Jose, Rajive	189	Kalnberzs, Konstantins	95	Karamanis, Eirinaios	39, 124, 140, 157, 177
Joshi, Deepak	78, 110	Kalraiya, Ashish	147	Karamehmetoglu, Mahmut	113
Joshi, Nayana	184	Kaltenegger, Heike	40	Karapinar, Levent	188
Jost, Bernhard	93, 123, 141	Kamal, Ayman	199	Karim, Azim	67
Josten, Christoph	128, 154, 198, 199	Kamali, Amir	126	Karlakki, Sudheer	255, 256
Joudet, Thierry	35	Kambhampati, Srinivas	141	Karner, Christoph	200
Jouve, Jean-Luc	73, 75, 162, 201	Kamel, Karl	198	Karras, Kyriakos	166
Jovanovic, Savo	136, 162	Kamer, Lukas	82	Kärrholm, Johan	75, 88, 100, 113, 173, 174
Joyce, Tom	59, 137, 154	Kamikawa, Koya	172	Karsan, Orhan	139, 156
Joyo, Yuji	71	Kamoda, Hiroto	148, 162	Karski, Mike	166
Juda, Zdzislaw	200	Kanakaris, Nikolaos	41	Karunathilaka, Loku Kankanamge Don	141, 198
Judet, Thierry	68	Kanamoto, Takashi	181	Karuppiyah, Saravana	200
Judl, Tobiáš	145, 177	Kanar, Muharrem	38	Kaseta, Maria	144
Julio, Clara	196	Kanatli, Ulunay	157	Kashif, Fadhil	169
Jumtins, Andris	170	Kandziora, Frank	40	Kaßebaum, Eric	169
Jung, Ho-Joong	182	Kane, Ian	140	Kastanis, John	143
Jung, Hyung-Suk	182	Kanellopoulos, Anastasios	101	Kastelov, Roumen	168
Jung, J.	137	Kaneuji, Ayumi	173	Kasten, Philip	42
Jung, Jae-Wook	46	Kaneyama, Ryutaku	44, 90, 173, 174, 175, 184, 185	Kastner, Norbert	152, 181, 183, 184
Jung, Kwang-Am	121, 185	Kang, Dong-Geun	61, 95, 183	Kasum, Tomislav	191
Jung, S.	137	Kang, Joon-Soon	82, 167	Katada, Ryuichi	44
Jung, Sebastian	62, 98	Kang, Seung-Baik	111, 182	Katano, Hiroshi	167
Junnila, Mika	169, 171	Kanisawa, Izumi	148, 164, 170, 184	Kato, Kenji	154
Jupiter, Jesse	110	Kantarci, Fatih	47	Kato, Makoto	160
Jureus, Jan	187	Kantzios, Andreas	149	Katori, Yoichi	74
Jürgens, Christian	63, 136, 190	Kanvinde, Raghunandan	43	Kato, Takashi	40, 52, 89, 133
Justo Astorgano, Cristina	193	Kapetanios, Georgios	134, 161, 193, 201	Kato, Tsutomu	168
K		Kapetanou, Artemis	161	Kats, Janjaap	94
Kabata, Tamon	93, 95, 170, 171, 172, 173, 174	Kaplan, F. Thomas	151	Katsoulas, Dimitrios	200
Kabir, Koroush	128	Kaplan, Roberto	172	Katsuragawa, Yozo	177
				Kaudela, Karl	145

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Kaufman, Gregory	151	Kerr, Andrew	137	Kim, Jae-Yoon	182
Kavanagh, Richard	201	Kerr, Gregor	38	Kim, Jin Goo	149
Kavarthapu, Venu	169	Kerry, Robert	111	Kim, Ji-Wan	141, 196
Kavcic, Gregor	170, 182	Kerschbaumer, Gael	114	Kim, Joon-Woo	46, 187
Kavcic, Martina	145	Kersic, Matej	48	Kim, Jung-Jae	141, 196
Kawabata, Shigenori	175	Kersten, Roel	159	Kim, Jung-Youn	61
Kawaguchi, Yasuhiko	168	Keskinbora, Mert	133	Kim, Jun-Young	183
Kawai, Akira	135	Kesterke, Nicolas	141	Kim, Kang-Il	61, 95, 183
Kawai, Nobuaki	92, 155	Kester, Mark	139, 150	Kim, Nam Ki	185
Kawamoto, Taisei	72, 173	Ketola, Saara	100	Kim, Pil-Sung	168
Kawamura, Haruo	168, 174	Kevin, Lim	201	Kim, Ryul	200
Kawano, Hiroshige	180	Keyhani, Sohrab	45	Kim, Sang-Bum	151, 160, 161
Kawashima, Hiroki	170	Keys, Graham	184	Kim, Seong-Hwan	182
Kawasima, Masaki	175	Khakha, Raghbir	105, 121	Kim, Shin-Yoon	171
Kaye, Jeremy	156, 197	Khaleel, Arshad	90	Kimura, Hiroaki	40, 52, 53, 53, 133, 53
Kaynak, Gokhan	47	Khalfaoui, Mahdi	42, 172	Kimura, Osamu	74
Kazas, Sotiris	61	Khalid, Vesal	177	Kimura, Shiori	81
Kazemi, Seyyed Morteza	45, 179	Khan, A.	47	Kim, Yee-Suk	100, 128, 171
Kazi, Hussain	107	Khanduja, Vikas	69	Kim, Yeung Jin	146, 192
Kazi, Zeeshan	166	Khan, Faiz	81	Kim, Yong-Sik	63, 172
Kealey, David	190, 193	Khan, Mansoor	200	Kim, Young	66
Kearney, Ronan	177	Khan, Muhammad	140, 147, 149, 152	Kim, Young-Ho	100, 128, 171
Keating, John	195	Khan, Munir	105	Kim, Young-Hoo	179
Kecojevic, Vaso	142, 195	Khan, Sameer	77, 113, 177	Kinbrum, Amy	171
Keel, Marius	94, 128, 161	Khan, Tanvir	150	King, Amanda	189
Kehlet, Henrik	41, 68, 193, 194	Khan, Wasim	41, 64	Kingma, Lucas	66
Kelberine, François M.	74	Khan, Yasmeen	159	Kinik, Hakan	80
Kelly, Brian	176	Kheiran, Amin	105, 121	Kinkel, Stefan	139
Kelly, Cormac	35	Khor, Keng	196	Kipshoven, Christoph	147
Kelly, Enda	201	Khuangsirikul, Saradej	183	Kiraly, Zoltan	114
Kelly, Gabrielle	75	Kidd, Alexander	182	Kiriakidis, Anastasios	41, 124
Kelly, Ian	75	Kieffer, Will	198	Kirjasuo, Karri	169
Kelly, John	201	Kiely, Nigel	201	Kirketerp-Møller, Klaus	109
Kelly, Michael	127	Kiernan, D.	201	Kirschner, Stephan	180
Kelly, Paula	201	Kiliçoglu, Önder	36, 48, 64	Kirubanandan, Ravi	200
Kempfert, Lena	100	Kili, Sven	64	Kishida, Shunji	43, 44, 165, 172
Kempshall, Pete	115	Kim, Bu-Hwan	77, 181	Kishimoto, Yoshihiro	179
Kemp, Steve	149, 150	Kim, Byoung-Gook	46	Kiss, Rita	139
Kenanidis, Eustathios	161	Kim, Byung Soo	192	Kita, Keisuke	148, 181
Kendoff, Danie	99, 127, 136, 138, 139, 153, 173	Kim, Byung Su	146	Kivilcim, Hakan	130
Kenmoku, Tomonori	93, 164	Kim, Chang-Wan	78	Klakovik, Jomar	190
Kent, Jonathan	51, 188, 200	Kim, Doo-Hyun	151, 160	Klatte, Till	138, 146, 153
Keplinger, Marie	76	Kim, Ha Na	62, 130	Klauser, Wolfgang	70, 88, 136, 138
Keramaris, Nikolaos	193	Kim, Hee Joong	62, 107, 120, 130	Kleinlugtenbelt, Y. V.	36
Kerkhoffs, Gino M.M.J.	62, 106, 113	Kim, Hyung-Sub	171	Klemencics, István	92
		Kim, Jae-Hwa	46	Klenke, Frank	161

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Klezl, Zdenek	47	Konstantinidis, Georgios	123, 182	Kring, Søren	96
Klinger, Craig	176, 196	Konukoglu, Levent	154	Krismer, Martin	72, 180
Kloen, Peter	110	Koo, Kyung-Hoi	120	Kristensen, Morten	147, 156, 193, 194, 195
Klos, Kajetan	197	Koopman, Ankie	112, 113	Kristensen, Per	186
Klotz, Matthias	101	Koopman, Bart	133	Kritiotis, Constantinos	189
Knahr, Karl	59, 69, 150	Kopylov, Philippe	36, 49, 59, 151, 152	Krkovic, Matija	41, 191
Knapp, Thomas	186	Korduba, Laryssa	150	Kroep, J.	133
Kneale, Kathryn	61	Kormpakis, John	110, 158	Krogh Christoffersen, Jens	201
Kneer, Holger	115	Köroglu, Hasan	155	Krogt, Marjolein	133
Knight, T.	149	Korovessis, Panagiotis	120	Kronborg, Lise	194
Knight, Timothy	50	Korres, Demetrios	149	Krueger, Sabine	139
Knobe, Matthias	76, 114, 128, 154, 191	Korzh, Mykola	160	Kruyt, Moyo	159
KnöB, Per	127	Korzun, Aleh	196	Kryl, Jan	109, 138, 160
Knowles, D.	196	Kosashvili, Yona	99, 136, 157	Kubaitis, Viktoras	43
Knupp, Markus	89, 109, 115, 164	Köse, Kamil	64, 155	Kubista, Bernd	74
Koakutsu, Tomoaki	47	Köse, Mehmet	101, 124, 139, 156, 163	Kubo, kousuke	74
Kobayashi, Eisuke	135	Köse, Nusret	44, 151	Küçükduzmacı, Fatih	102, 116, 121, 130, 192
Kobbe, Philipp	76, 114, 158, 191	Kose, Ozkan	78, 133, 151, 199	Kucuk, Levent	35, 188
Kocadal, Abdurrahman	178	Köse, Özkan	154	Kuester, Doerthe	139
Kocaoglu, Mehmet	126	Kosior, Piotr	184	Kujundzic, Meliha	145
Koch, Julia	142	Kostensalo, Inari	171	Kuksov, Vitaly F.	146, 154
Kocialkowski, Cezary	71	Kotajima, Satoshi	145	Kulesha, Gene	63
Kociute, Julija	201	Koukos, Anastasios	135, 157, 162	Kulkarni, Rohit	93
Kocjancic, Boštjan	98	Koukoulis, Nikolaos	182	Kullberg, Bart-Jan	144
Kodama, Takao	181	Kouroupis, Dimitrios	64	Kumagai, Hiroshi	44
Kodomuri, Preetham	108	Koutsogiannis, Constantinos	161	Kumagai, Masaru	192
Koebke, Juergen	41	Kovac, Simon	137	Kumar, Ajeet	150
Koga, Daisuke	175	Kovar, Florian	190	Kumar, Amit	201
Koga, Hideyuki	183	Koyama, Hiroshi	65, 105, 106, 168	Kumar, Rakesh Kumar	166
Koh, Joyce	155, 190	Koyanagi, Junichirou	59, 120	Kumar, Senthil	143, 197
Kohlhof, Hendrik	128	Kozak, Lukasz	184	Kumar, Vijay	178
Koivisto, Mari	169	Kozdryk, Jakub	172	Kumbaraci, Mert	35, 188
Koizumi, Kota	116	Kozyrev, Oleksandr	160	Kume, Shinichiro	144
Koizumi, Yoshitsugu	145	Kozyrev, Stanislav	160	Kuna, Tomislav	191, 192
Kokkalis, Zinon	39, 147	Krahan, Mustafa	123	Kunde, Aiman	149
Kokoszka, Pawel	43, 168	Kramer, Derek	139	Kunii, Tomonori	83
Kokubu, Takeshi	92, 99, 130, 138	Krarup, Niels	167	Kurien, Thomas	143
Kolb, Alexander	74	Krauspe, Rüdiger	111, 174	Kurisuno, Makoto	175
Koller, Arnold	72	Krenn, Veit	127	Kuroda, Eishi	154
Komur, Ahmet	81	Krepler, Petra	163	Kuroda, Kazunari	93, 95, 170, 171, 172, 173, 174
Komur, Baran	81	Kretzer, Jan	139, 174	Kurosaka, Masahiro	92, 99, 130, 138
Konan, Sujith	64	Kretzer, Jan Philippe	107	Kurt, Cengizhan	188
Kondo, Keiichi	95	Kretzschmar, Martin	98	Kurth, Andreas	160
Kondo, Mikihiro	160	Kreutz, Reinhold	147	Kurtulmus, Tuhani	121, 194
Kon, Elizaveta	43	Kreuzer, Stefan	48, 67, 107	Kusano, Masashi	181
Konstantinidis, Antonios	193	Krikler, Steve	199		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Kuster, Markus	123, 141	Landauer, Franz	73	Lecky, Fiona	114
Kuyucu, Ersin	114, 139	Landgren, Marcus	36	Lee, Ai Ye Janise	190
Kuzyk, Paul	167, 174	Landor, Ivan	145, 177	Leeberg, Veronica	101
Kwek, Ernest	127	Lane, Joseph	122	Lee, Brian	155
Kwon, Daekyu	167	Lang, Kathryn	134	Lee, Dong-Joo	46
Kwon, Hyuknam	189	Langton, David	59	Lee, H.	67, 168
Kwon, Ohryong	180	Lanzani, Edoardo	108	Lee, Han	201
Kwon, Saekwang	180	Lanzetti, Riccardo	150, 158	Lee, Han-Jun	182
Kwon, Soon-Yong	63, 172	Lapaj, Lukasz	43, 168	Lee, Ho Seong	81
Kwon, Yongwook	168	Lapidus, Gunilla	113	Lee, Hwan Hee	200
Kwon, Young-Min	60, 107, 120, 121, 178	Lapidus, Lasse	191	Lee, Hyun Jin	200
Kyriakidis, Anastasios	64, 82, 146	Lapoša, Andrej	98, 170	Lee, Hyun-Jin	63, 172
Kyriakidis, Theophylaktos	64, 82, 146	Laronde, Pascale	154	Lee, Hyun-Joo	46, 187
Kyriakos, Alexandros	155	Larsen, Morten	96	Lee, J.	67, 137, 168
Kyrkos, Ioannis	134	Larson, Brad	182	Lee, Jae-Sung	182
Kyrle, Paul	253	Larsson, Sune	198	Lee, Kee H	82
Kyung, Hee-Soo	183, 187	Lascombes, Pierre	58, 81, 97, 112, 146	Lee, Kwang	96
L		Lassen, Michael Rud	92, 147, 253	Lee, Kyungjae	146, 168
La Barbara, John	157	Lass, Richard	74	Lee, Kyung-Jae	107
Labek, Gerold	110, 129, 169	Latifi, Ali	166	Leemrijse, Thibault	109, 122
Labey, Luc	185	Laudati, Angelo	144	Lee, Nam-Ji	120
Labib, Sameh	98	Lau, Jeffrey	108	Leenen, Luke	107
Labruto, Fausto	166	Launay, Franck	201	Lee, Noel	144, 166
Lacraz, Alain	136, 137, 164	Laurencon, Jonathan	135	Lee, Paul	101
Lacza, Zsombor	63	Laurenti, Filippo	189	Lee, S.	67
Ladenhauf, Hannah	101, 200	Laurin, Agnes	97	Lee, Sang-Hak	95, 183
Lädermann, Alexandre	92, 155	Lauritzen, Jes	97, 103, 108, 196	Lee, Sang Ki	36
Laffenêtre, Olivier	122	Laursen, Anders Christian	45	Lees, Debbie	96, 194
Laflamme, Mélissa	121	Laursen, Jens	170, 183	Lee, Seung-Hyuk	183
Laguna Bercero, Esther	194	Laursen, Mogens	45, 80	Lee, Su-Chan	121, 185
Lahoud, Jean Claude	198	Lausten, Gunnar	90	Lee, Suk-Ha	182
Lahoud, Pascal	198	Lawrence, T.	174	Lee, Tae-Hyun	167
Lai, Kah-Weng	155	Lawson-Smith, Matthew	189	Lee, Thaehun	189
Lainiala, Olli	59, 75, 120, 126, 176	Lazaro, Lionel	176, 196	Lee, Young-Kyun	120
Lakshmanan, Palaniappan	162, 163	Leal Blanquet, Joan	45, 181, 184, 186	Lee, Yun-Seok	46
Lalic, Ivica	142, 195	Leal, Diogo	74	Lefering, Rolf	114
Laliotis, Nickolaos	201	Leal, Fernando	158, 179	Legnani, Claudio	108
Lamas, Claudia	66, 153	Leal Helming, José	182	Lehmann, Mario	100
Lambán, Noemi	133, 157	Leal, Joan	186	Lehner, Stefan	159
Lambert, Simon	35, 67	Leardini, Alberto	98, 165	Le Huec, Jean-Charles	122
Lam, Khai Sing	159	Lebedev, Alexej	142	Leirinha, Manuel	146, 179
Lampe, Frank	180	Lebek, Susanne	129	Leite, Luciana	98
Lampropoulou, Sofia	161	Lebel, Benoit	107	Leite, Pedro	98
Lampropulos, Mario	202	Lebl, Darren	47, 163	Leitgeb, Johannes	190
Lancigu, Romain	189	Lebschi, Julia	124	Leithner, Andreas	40, 133, 134, 139, 143, 146, 152, 159, 169, 181, 183, 184
		Lechner, Ricarda	147		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Lelli, Alessandro	185	Lim, Young Wook	200	López, Carolina	169
Lemeur, Mael	81	Lim, Young-Wook	63, 172	López-Durán, Luis	134, 152, 167
Lengua, Maria Antonia	181	Lindahl, Jan Erik	42	López-Franco, Mariano	134
Lenoir, Jean	164	Lindberg-Larsen, Martin	41	López, Ibon	180
Lenze, Florian	147	Linder-Ganz, Eran	149	López Marco, José	168, 169, 180
León Andrino, Alejandro	166, 189	Lindestrand, Anna	175	López, Marta	140
Leonardsson, Olof	103, 113	Lindgren, Viktor	173	López Pérez, Vicente	166
Leonard, Timothy	130	Lindisfarne, Edward A	110	López Vives, Laura	194
Leon García, Alfonso	175	Lindner, Tobias	142	Lopomo, Nicola	78, 138, 149
Leong, Wei Yee	197	Lind, Thomas	111	Lord, James	59
Leong, Wie Yee	197	Lin, Jin	48	Lorente, A.	134, 138, 161
Leonidou, Andreas	41, 114	Lin, Kai	191, 193	Lorente, Rafael	134, 138, 161
Leonidou, Omiros	41	Li, P. L.	169	Loriaut, Philippe	155, 160
León, Vicente	181	Lippacher, Sabine	183	Lorich, Dean	176, 196
Lepetsos, Panagiotis	41	Lipperts, M.	171	Lorinczy, Dénes	137
Lerch, Matthias	178	Lisanti, Michele	39	Lorio, Carlo	150
Lerf, Reto	80	Lisón, Alonso	181	Lorio, Raffaele	120
Lerner, Alexander	125	Little, David	73	Loughead, Jonathan	70
Lesic, Aleksandar	128, 160, 192	Little, Milton	196	Loughenbury, Peter	186
Leunig, Michael	122	Little, Nick	158	Lourenço, João	177
Levack, Brian	42	Liu, Chien-Lin	135, 194	Lovell, Martin	188
Levent, Eralp	91, 125	Liu, Yen	99, 171, 176	Lovering, Andrew	105
Levent, Karapinar	35	Livingstone, Julian	164	Loving, Laquawn	80
Levine, David	64	Li, Zongxian	121	Loving, LaQuawn	80, 150
Levy, Jacob	157	Lladó Blanch, Andreu	135	Lovse, Thomas	143
Lewis, James	192	Llaurado, Marta	39	Lozano Álvarez, Carlos	104, 175
Lewis, Peter	167, 179	Lloyd, John	147, 173, 198	Lozano, Luis	148, 180
Leyder, Marie	78	Lluch, Alex	154	Lübbecke-, Anne	68
Leyvraz, Pierre	135	Lluch Bergada, Alejandro	152	Lübbecke, Anne	74, 93, 168, 173, 177, 181
Liberati, Maria Antonietta	61, 121	Lluch Bergada, Alex	70, 157	Luchetti, Riccardo	49
Lichte, Philipp	76, 114, 191	Llusà, Manel	70, 152, 153, 154, 157	Lucke, Martin	142
Lidder, Surjit	36, 134, 149	Lockhart, Jolyon	198	Luff, Thomas	199
Liebensteiner, Michael	72, 147, 169, 180	Loeffler, Mark	141	Luitse, Jan	165
Liebs, Thoralf	130	Logan, Martin	194	Lukic, Mirka	142, 195
Lie, Denny	155	Logoluso, Nicola	67, 187	Luksch, Thomas	97
Liegl, Bernadette	40	Logunov, Andrey	155	Lullini, Giada	98, 165
Liekens, Koen	150	Lohberger, Birgit	40	Lund, Bent	60
Li, Lily	147, 175	Loh, Danny	139	Lund, Teija	97
Li, Lisa	154	Lohmann, Christoph	139	Lupu, Andreea	120, 199
Liljensøe, Anette	170	Loiba, Valdemaras	48	Luque, Victor	156, 201
Lill, H.	191	Lola, Despina	182	Lützner, Jörg	180
Lima, Fernando	59	Lo, Ngai-Nung	121, 139, 185	Lydersen, Stian	114
Lim, Deuk-Soo	120	Longaray, Jason	127, 150	Lykissas, Marios	47
Li, Meihua	44, 136	Lopes, Ana	196	Lyle, Shirley	162, 174
Lim, Jae-Woo	151, 160, 161	López Baisson, Alfonso	157		
Lim, Justin	190	López-Barea, Fernando	71		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
M					
Maalouf, Ghassan	123	Mai, Burkhard	164	Manzotti, Alfonso	77
Maansson, Lukas	67, 108, 137, 138, 146, 168, 174	Maier, Klaus-Jürgen	128	Marang - van de Mheen, Perla	113
Maas, Mario	165	Maio, Monica	144	Marcacci, Maurilio	43, 49, 83, 138, 149
Macdonald, Andrew	147	Mai, Sabine	164, 253	Marcheggiani Muccioli, Giulio Maria	83, 138, 149
Macfarlane, Robert	190	Maisse, Nicolas	114	Marchegiani, Francesco	140
Macgroarty, Kelly	120	Majewski, Martin	148	Marcialis, Valentina	156
Macheras, George	34, 62, 89	Makarov, Sergey	155	Marczuk, Yann	35
Machin, John	140	Mäkelä, Keijo	169, 171	Mardones, Rodrigo	130
Mächler, Maximilian	133, 181	Maki, Takatoshi	48	Marega, Luca	94
Macintyre, James	172	Makki, Daoud	103, 176	Margariti, Rodanthi	128, 159
Mackay, Nicola	79	Malagelada, Francesc	96	Margetic, Petra	188
Mackie, Alasdair	166	Malca, Hebert	200	Margheritini, Fabrizio	69
Maclean, S.	149	Malchau, Erik	99	Margiannis, Christos	200
Macule, Francisco	148, 180	Malchau, Henrik	60, 72, 80, 99, 107, 120, 121, 122, 174, 178	Mariaux, Sandrine	135
Madadi, Firooz	45	Maled, Iñaki	166	Mariconda, Massimo	152, 194
Mader, Konrad	110, 158	Malendowicz, Ludwik	43	Marinakos, Panagiotis	152
Maderni, Alberto	189	Malhotra, Akshay	35	Marina, Lucian	152
Madero, Rosario	173	Malhotra, Rajesh	147, 178	Marinelli, Alessandro	155
Madonna, Vincenzo	64	Malik, Ahmad	165	Marinheiro, Júlio	164
Madry, Henning	103	Malik, Shahbaz	63, 66, 81, 165	Marin, Oliver	60
Madsen, Christian	97, 196	Malik, Sheraz	63, 81	Marintschev, Ivan	82, 197
Madsen, Jan Erik	82	Malkoc, Melih	108, 162	Markel, David	172
Madsen, Ulla	147	Malovic, Mario	188, 189	Markov, Marcho	156
Maeda, Toru	93, 95, 170, 171, 172, 173, 174	Malvarez, Alejandro	173, 192, 193	Marks, Avi	162, 191
Maeno, Sumihiko	170	Malviya, Ajay	77, 95, 177	Marks, David	161
Maestretti, G.	160	Mancini, Lara	98, 165	Mark, Susanne	103
Maestri, Barbara	65	Mancuso, Carol	122	Markuszewski, Jacek	43, 168
Maestro, Antonio	148	Mandalia, vipul	90	Marmor, Meir	48, 90, 99
Maestro-Fernández, Antonio	83	Manfredini, Giuseppe	97	Marquass, Bastian	154
Mae, Tatsuo	116, 148	Manfredini, Luca	127	Marques López, Fernando	175
Maffulli, Nicola	49, 80, 122, 147	Mangiavacchi, Massimo	61	Marques, Pedro	169
Magalhães, Glória	71, 101, 196	Mangupli, Martin	173, 192, 193	Marquez Correia, Frederico	192
Magetic, Petra	189	Mangwani, J.	195	Marquis, Christopher	166
Maggi, Francesco	108	Man, Hao	109	Marsh, Andrew	101
Maggi, Roberto	110	Manktelow, Andrew	61, 108, 193	Marsh, Martin	105, 137
Magnan, Bruno	71, 122	Mann, Bhupinder	165	Marsland, Daniel	35, 155, 163
Magnussen, Peter	110	Manning, Victoria	186	Martell, John	60
Magyar, Péter	92	Mannion, Anne	122	Marti Esteve, Irene	194
Mahadevan, Devendra	160	Mannion, Steve	76	Martinasso, Alberto	189
Mahalingam, Senthilkumar	158	Manolescu, Robert	175, 192	Martin Benlloch, Antonio	126
Mahmood, Fahd	134, 188	Manrique, Elena	167	Martin, Brian	35
Mahmoud, Samer	184	Mansouri, Reza	162	Martin Castilla, Belén	150
Maia, Bruno	137	Månsson, Lukas	113, 195	Martin, David	186
		Manta, A.	179	Martin, Elena	156
		Mantovani, Lorenzo	147	Martinelli, Elisabeth	81

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Martin, Estelle	171	Matas, Mariano	39, 81, 104	McBride, Andrew	200
Martínez Andrade, Cristóbal	166	Matas Pareja, Mariano	145	McBryde, Callum	123, 171
Martínez, Angel Antonio	153	Matejcic, Aljoša	191, 192	McCabe, John	128
Martínez, Catalina	43, 130	Mateo, Jesús	168, 169, 180	McCaffrey, Daniel	190
Martínez-Catasús, Adriana	151	Matera, Davide	134	McCann, Philip	156
Mártínez Delgado, Fernando	140	Matharu, Gulraj	41, 61, 74, 123, 127, 171, 180	McCarthy, Christopher	161
Martínez Díaz, Santos	, 186	Mathias, Winter	103	McClelland, Damian	188
Martínez Ibeas, Marina	163	Mathoulin, Christophe	49	McConnell, B.	179
Martínez López, Nuria	134	Matis, Nicholas	35	McCormack, Pauline	137
Martínez, María Angeles	151, 154	Matos, Gabriel	199	Mccourt, Ellen	70
Martínez Menduiña, Amaia	193	Matsubara, Masaaki	170	McCoy, Gerry	75
Martínez-Pastor, Juan	180	Matsuda, Shuichi	173	McCoy, Marc	159
Martínez, Rafael	43, 130	Matsui, Yuriyo	126, 171	McCretton, Thomas	174
Martín Ferrero, Miguel Ángel	152, 166	Matsumoto, Hiroshi	44	McDonald, Sinead	193
Martin Flores, Elena	201	Matsuo, Tomohiko	148	McEachan, Jane	152, 189
Martin, José	160	Matsushita, Naoya	168	McFarlane, John	149
Martin, Kate	77	Matsuyama, Yukihiro	65, 105, 168	McGonagle, Lorcan	162
Martín Mata, María José	156, 201	Matteotti, Renato	189, 197	McGovern, Michael	35
Martín Sánchez-Guijo, Fermín	148	Matthews, Edward	120	McGovern, Paul	152
Martins, Pedro	197	Matthews, Timothy	115, 158	McGraw, Iain	138
Martins, Rui	164	Matzaroglou, Charalampos	161, 162	McHutchon, Andrew	139
Martins, Samuel	188	Matziolis, Georg	94	McKee, Michael	50, 167
Martins, Sandra	164	Mauerer, Andreas	65	Mckenna, David	133
Martin, Vicente	148	Maurer-Ertl, Werner	133, 134, 146	McKenna, Rosaleen	127, 188
Martin, Xavier	81, 146	Mavcic, Blaz	48	McKenzie, Jamie	164
Martiny, Friederike	174	Mavridis, Konstantinos	140	McKiernan, Elizabeth	122
Martorell, Gabriel	67	Mavrogenis, Andreas	39, 147, 152, 153	McLardy-Smith, Peter	175, 185
Marty, Francois	150	Mawdsley, Matthew	70	McLauchlan, George	41, 127, 181
Martz, Pierre	198	Mayahi, Reza	184	McNally, Donal	200
Marull Serra, Lluís	145, 159	May, Cüneyt	110	McNicholas, Michael	184
Marumo, Keishi	168	Mayerhoefer, Martin	145	Mechlenburg, Inger	170, 173, 184
Marx, Robert	183	Mayer, Jörg	100	Medadi, Firooz	199
Masaki, Kishiya	173	Mayman, David	183	Medancic, Nenad	184
Masaoka, Toshinori	74	Mayo, Agustin	152	Medina Santos, Monica	76
Masferrer, Ángel	81, 145	Mayr, Eckart	72	Medom, Christian	175
Mashima, Naohiko	170	Mayr, Edgar	250, 251	Meek, Dominic	179
Masjedi, Milad	65, 174	Mayr, Hermann	177	Meena, Umesh	82
Masoni, Davide	140	Mazis, Georgios	101	Meermans, Geert	66, 94
Massari, Leo	93	Mazoochian, Farhad	178	Meftah, Morteza	48, 72, 111, 172
Massè, Alessandro	94	Mazur, Alexandra	42	Megas, Panagiotis	175
Massimo,	91	Mazurek, Urszula	108, 159	Mehler, Dorothè	151
Massin, Philippe	155, 158	Mazurkiewicz, Stanislaw	200	Mehling, Isabella	151
Massraf, Araz	178	Mazza, Daniele	120, 183	Mehta, Nisarg	190
Mastykau, Anton	149	McAllen, Christoph	187	Mehta, Saurabh	143
Masud, Saqib	66, 152, 153	McArthur, Nicholas	162	Mehta, Vishal	150
Masvidal Sanz, Didac	159, 195			Meikl, Tobias	181

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Meindl, Renate	159	Milenkovic, Sasa	198	Mizuo, Keisuke	44
Mejdahl, Steen	170	Miles, Kim	111, 186	Mochida, Yuichi	170
Melas, Ioannis	64	Millan, Angelica	66	Mochizuki, Yoshihito	168, 169
Melli, Virginia	140	Miller, John	169	Mococain, Pablo	164
Mellon, Stephen	107	Milosevic, Ivan	128, 192	Modaressi, Kourosh	134
Mellor, Simon	71	Miltenburger, Carolin	159	Modi, Amit	100
Melton, Carol	112	Mimura, Masaya	160	Modi, Chetan	46, 154
Menakaya, Chinyelu	96, 192	Minatani, Atsushi	164	Moerenhout, Kevin	178
Menchetti, Pier Paolo Maria	91	Minato, Izumi	65, 168	Moga, Daniel	147
Mendel, Thomas	82, 111	Min, Byung-Woo	107, 146, 168	Mohaddes, Maziar	100
Mendes da Costa, Thomas	169	Minegishi, Hanae	145	Mohamedean, Aly	104
Mendez, Ana	148, 180	Mineiro, Jorge	49, 122	Mohamed, Mohamed Ali Ahmed	61, 128, 187
Méndez, Marye Merce	145	Miniator Sajadi, Mohammad Reza	179	Mohan, Chandra	155
Mendez Ojeda, Marye Merce	144	Minnema, Monique	133	Mohanlal, Paraskumar	157, 195
Menetrey, Jacques	103	Minoda, Yukihide	48, 107	Mohanty, Khitish	192
Menon, Dipen	141	Mintál, Tibor	198	Mohr, Juliane	156
Menzie, Ann	161	Minuesa-Asensio, Álvaro	144	Mohsen, Amr	192
Mercy, Guillaume	160	Mioc, Mihai	196	Moiz, Malik	182
Mérida, Rodrigo	180	Miozzari, Hermes	168, 174, 181	Mojtahed Jaber, Fereidoon	184
Meriem, Samir	98, 99	Miquel, Joan	46, 153	Mokka, Jari	169
Merker, Louise	170	MiRamóntes, Pablo	160	Molano-Bernardino, Carlos	83
Merle, Christian	105, 107	Miranda, António	158, 179	Molathoti, Suresh	195
Merli, Maria Letizia	43	Miranda-Gonçalves, Vera	130	Molina Ros, Antoni	104, 135
Merloz, Philippe	114	Miranda, M. T.	161	Møller-Madsen, Bjarne	58, 81
Meroño, Antonio	171	Mir Bullo, Xavier	70, 152, 154, 157	Molloy, Andrew	164, 165
Mertl, Patrice	78, 100	Miric, Alexander	77, 174	Monllau, Joan C.	64
Mestha, Prabhakar	149	Misasi, Mario	194	Monsell, Fergal	200
Mestre Cortadellas, Carlos	175	Mischinger, Hans-Jörg	165	Montanari, Giorgio	193
Metcalfe, James	201	Mishima, Hajime	44, 136, 168, 170, 174	Montañes, Daniel	200
Meyer, Dominik	124, 142	Miska, Matthias	98, 129	Montanez, Angelica	141, 198
Micansky, Fabian	114	Mitra, Aveek	169	Monteiro, Alberto	185
Michaylov, Dmitry	109	Mitra, Paramita	196	Monteiro, Eurico	95, 177, 189
Michea, Luis	43	Mitsiou, Konstantinos	174, 194	Monteiro, Jacinto	188
Michel, Markus	254	Mitsugi, Naoto	170	Montero, I.	161
Micu, Constantin	177	Mitsui, Yasuhiro	144	Mont, Michael	80, 95, 139, 150, 172
Micunovic, Ljubica	192	Mittelmeier, Wolfram	65	Montserrat Ramón, Ferran	45, 181, 184, 186
Middleton, Robert	147, 173, 198	Miura, Yoko	44, 90, 173, 175, 184	Moon, Jungyu	189
Middleton, Rory	108	Miwa, Shinji	89, 133	Moonot, Pradeep	186
Middleton, Scott	152, 195	Miyagi, Masayuki	148, 162	Moore, David	143, 201
Mifune, Yutaka	92, 99, 130, 138	Miyajima, Genyo	93	Morales De Cano, Jaime	169
Migaud, Henri	100	Miyamoto, Kazuhiko	180	Mor, Amit	99
Mignani, Giuseppe	193	Miyamoto, Noriki	126, 171, 172, 176	Moranas-Barrero, José	96, 145
Mihalic, Rene	143, 145	Miyamoto, Shuichi	72, 173	Moran, Chris	108, 179
Mikkelsen, Lone	173	Miyasaka, Dai	65, 94, 167, 172, 174, 175, 176, 201	Moran, Christopher	96, 192
Miladi, Lotfi	200	Mizokawa, Shigeichi	48, 107	Moran, Matthew	195
Milaire, Michel	114				

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Moreau Gaudry, Alexandre	114	Müller, M.	162	Myint, Yulanda	142, 197
Moreau, Pierre-Emmanuel	155	Müller, Peter	42, 64, 77, 100, 124, 148, 181	Mylle, Guy	158
Morell, D.	41	Muller, Scott	113, 177	Myung Ku, Kim	138
Morell Luque, Juan Manuel	166	Müller, Sebastian	148		
Moreno García, Alonso	182	Mulligan, Alex	96	N	
Moreno, María	133, 134	Mumith, Aadil	155	Naal, Florian	122, 174
Moretti, Biagio	121, 194	Muneta, Takeshi	175, 183	Nabavi, Arash	75, 183
Moretti, Lorenzo	194	Muñeton, David	145	Nadorf, Jan	139
Morey, Vivek	150	Munigangaiah, Sudarshan	128	Nagafuchi, Teruyoshi	170
Morgan, Barnes	50	Muñoz Gómez, Juan José	159	Nagamine, Ryuji	95
Morgenstern, Rudolf	91	Muñoz, José	142	Nagamine, Tomonori	148, 170, 184
Mori, Claudio Maria	121, 194	Muñoz-Ledesma, J. L.	134, 161	Nag, Hira Ial	150, 190
Moril, Lorena	146	Muñoz Sicilia, Teresa	134	Nagoya, Satoshi	44
Morishima, Takkan	167, 175	Muñoz Vives, Josep María	67, 145, 195	Nagura, Issei	92, 99, 130, 138
Morison, Zachary	167	Muntion, Sara	148	Nagy, Ernest	61
Morison, Zack	174	Munuswamy, Shivashankaran	99	Nagy, Mathias	165, 184
Morita, Daigo	168	Murachovsky, Joel	93	Nagy, Ors	142, 178
Moriya, Mitsutoshi	105	Murakami, Koji	159, 161	Nakahara, Shinnosuke	160
Morizzi, Rosa	75, 183	Murakami, Reiko	201	Nakamura, Hiroaki	40, 48, 52, 107, 133
Morley, David	89, 191	Muralikuttan, K. P.	159	Nakamura, Junichi	43, 44, 165
Morlock, Michael	36, 70	Muramatsu, Koichi	160	Nakamura, Norimasa	148
Moro, Enrique	167	Murata, Hideaki	160	Nakamura, Takeshi	47
Moro, Fabrizio	39	Muratoglu, Orhun	60, 80, 107	Nakamura, Takuya	170
Moroney, Paul	129	Murcia, Antonio	161, 171	Nakamura, Tomohisa	172
Morrell, Rebecca	51, 188, 200	Murciano Antón, María Aránzazu	134	Nakamura, Yoshihide	173
Morrey, Bernard	155, 156	Murillo González, Jorge	42	Nakashima, Shinichi	180
Morris, Claire	179	Murphy, Jennifer	141	Nakata, Katsuya	169, 170
Morrisey, Dylan	147	Murphy, Nora	187	Nakata, Ken	148
Morris, Keith	144	Murray, David	88, 95, 105, 107, 126, 140, 141, 149, 150, 175, 185	Nakatani, Fumihiko	135
Morro, Rosa	153, 166			Nakayama, Hiroshi	94
Morton, Leona	171	Murray, James	78, 182, 185	Nakedar, Sameer	141
Moschonas, Spiridon	124, 157, 177	Musahl, Volker	78	Nalbantoglu, Ufuk	49
Mosevnin, Sergey	109	Mussa, Mohamed	140, 189	Namba, Jiro	70, 154
Motta, Geraldo	93	Musser, Ewald	183	Namba, Robert	77, 174
Moura, Antonio	114, 116, 121, 194, 197	Mustafa, Amer	153	Nam, Jinwoo	62, 130
Moussa, Mohamed	121	Mustaq, Jad	159	Nandhara, Gubinder	136
Moutzouri, Maria	140, 161, 185	Musumeci, Gieseppe	81	Nandra, Rajpal	40, 89, 194, 197
Moyen, Bernard	148	Muthian, Senthil	109, 135, 140	Nanescu, Ciprian	66, 187
Mpougouklis, Dimitris	110	Muth, John	63	Nanjayan, Shashi	47, 174, 194
Muhammad, Ahmad	103, 176	Muthumayandi, Karthikeyan	120, 139	Nardi, Joan	70, 134, 197
Muirhead-Allwood, Sarah	178	Mutlu, F. S.	195, 196, 197	Narendra, Rath	158
Mukish, Prikhest	198	Mutlu, Harun	110	Nargol, Antoni	59
Mukouhujiwara, Yuka	71, 201	Mutlu, Müren	67, 147, 177, 178	Naruse, Koji	164
Mula, Vish	141	Muto, Tomoyuki	92, 99, 130, 138	Narváez, José Antonio	134
Mulders, Marjolein	151	Mutschler, Wolf	131	Na, Sang-Bong	187
Müller, Daniel Andreas	142	Mütze, Maria	198	Nassar, Lara	189

Index of authors

230

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Oh, Hyun-Sup	61	Omori, Go	168	Ozkan, Korhan	89, 135
Ohishi, Hirotaka	173	Oner, Cumhur	37, 133	Özkaya, Ufuk	66, 110, 128
Oh, Jong-Keon	46, 187	Öner, F.	159	Özkurtul, Orkun	199
Oh, Kwang-Jun	120, 146, 182	Ong, Alvin	121, 127, 140, 141, 176, 185, 189, 195, 198	Ozler, Turhan	178
Oh, Kyung-Sik	62	Onstenk, Ron	112	Özsoy, Arzu	164
Ohnuma, Masahiro	149, 181	Onuma, Kenji	93	Özsoy, Mehmet	164
Ohta, Yoichi	48, 107	Opris, Remus	143, 169	Öztuna, Volkan	142
Ohtori, Seiji	44, 162	Orak, Mehmet	79	Öztürk, Ibrahim	96
Oikawa, Yasuhiro	148, 162	Oral, Aylin	81	Ozturk, Irfan	128, 152, 165
Oinuma, Kazuhiro	44, 90, 173, 174, 175, 184	Oransky, Michele	34	Öztürkmen, Yusuf	113
Ojeda, Margarita	146	Orfanos, Ioannis	61, 200	Öztürk, Ulas	194
Ojima, Tomohiro	186	Orhan, Zafer	64		
Okada, Jiro	180	Orita, Sumihisa	148	P	
Okamoto, Michio	70	Orman, Mehmet	35	Pablos, Oscar	134
Okamoto, Naofumi	172	Orozco, Fabio	127, 140, 141, 176, 185, 195	Pacha, Miguel	144
Okamura, Naoki	180	Ortega-Andreu, Miguel	183	Pacheco, Haroldo	176
Okano, Hirofumi	180	Ortega González, Javier	76	Packianather, Michael	170
Okawa, Atsushi	175	Ortega, Jorge	38, 179	Padilla, Sussette	140
Okawa, Takahiro	144	Ortega, José Antonio	159, 160	Paech, Andreas	136
Okazaki, Shunichiro	44	Ortiz, Cristian	164	Pagkalos, Joseph	41, 120
Okçu, Güvenir	46	Ortmaier, Reinhold	35	Pagliazzi, Gherardo	98
Okhovatpoor, Mohammad Ali	179	Osano, Kei	95	Pagnottelli, Marco	183
Okuno, Makiko	183	Osei, N.	47	Pailhe, Regis	74
Oldham, Jacqueline	161	Oshima, Seigo	65	Paisey, Richard	165
Olesen, Jens	185	Osman, Ahmet	195	Paiva Ferreira, José	192
Olid, Arturo	164	Oštádal, Martin	73, 201	Pajamäki, Jorma	59, 75, 120, 126, 168, 176
Oliveira, A. L.	130	O'Sullivan, R.	201	Pajic, Aleksandar	191
Oliveira, Carolina	169	Ota, Hirohiko	170	Palacio Barrabés, Jessica	142
Oliveira, João Pedro	43, 186	Otani, Takuya	168	Palacios, Julio	62
Oliveira, Joaquim	130, 185	Otoide, Marleen	66	Palan, Jeya	192
Oliveira, Marco	193	Otori, Seiji	148	Palau, Edgar	197
Oliveira, Paulo	105, 116, 121, 148, 194	Otsuka, Hiromi	167, 175	Palencia Ercilla, Jesús	194
Oliveira, Vânia	89, 98, 151	Otsuka, Takanobu	71, 154, 163, 173, 201	Palencia, Jesús	195
Oliveira, Vasco	71	Otten, Lucia	128, 129	Paliobeis, C.	149
Oliver, Matthew	136	Ouchi, Juntarou	162	Palm, Henrik	193, 194, 195
Olivier, Matthieu	48	Overgaard, Søren	108, 126, 137, 140, 170	Palomo, Carlos	156
Ollero, Lourdes	160	Ovesen, Ole	80, 108	Panadero Moncusí, Manel	145
Ollivere, Ben	96, 192	Owaki, Hajime	111, 169, 170	Panagiotopoulos, Elias	140, 162
Olmedo-García, Nuria	191	Ozawa, Hiroshi	47	Panait, Gheorghe	163
Olsen, Michael	167	Ozbaydar, Mehmet	153, 157	Panchani, Sunil	90
Olsson, Marianne	67, 108, 113, 138, 146, 168, 176, 195	Özdel, Ahmet	67, 147, 178	Pandey, Radhakant	96, 100
O'Malley, Michael	162	Ozdemir, Oguz	35	Pandey, Vivek	187
Ömeroglu, Hakan	44, 102	Ozeki, Nobutake	183	Pandit, Hemant	95, 107, 126, 140, 175, 185
Omlor, Georg	107	Özerdemoglu, Remzi	161	Panella, Antonio	194
		Özer, Hamza	186, 187	Panezai, Jamil	187
				Paniker, Jayanth	169

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Panisello, Juan	168, 169, 180	Parra-Ruiz, Berta	191	Pegreff, Francesco	185
Panisset, Jean-Claude	78, 148	Parratte, Sébastien	48, 252	Peidro, Luis	180
Panotopoulos, Ioannis	135	Parsons, Nicholas	104, 187	Peixoto, Ana Sofia	186
Pantaleón-Rodríguez, Edwin	96	Partenheimer, A.	191	Pekopoulos, Nikolaos	151
Pantalone, Andrea	140	Partington, Paul	77, 120, 177	Pelaz Berdullas, Leire	182
Pantelidis, Pantelis	124	Partridge, Thomas	39, 137	Pelet, Stéphane	50, 121, 124, 182, 188
Panteli, Michalis	41	Parvizi, Javad	63	Pelfort López, Xavier	64, 184, 186
Pantos, Panagiotis	173	Pasapula, Chandra	166	Pellicer, Vicente	146
Panuel, Michel	201	Pasarin, Alex	151	Pellios, Stavros	161
Papadopoulos, Alexandros	182	Pascal-Moussellard, Hugues	160	Pellisé Urquiza, Ferran	122
Papadopoulos, Anestis	135, 157, 162	Pascual Carra, María	194	Peltier, Emilie	162
Papadopoulos, Pericles	79, 93	Pasierbek, Mirosław	200	Peñalver, Pablo	176
Papagelopoulos, Panagiotis	39, 101, 140, 147, 160, 173	Patange Subba Rao, Sheethal Prasad	192	Pencinger, Christie	138
Papagiannakos, Konstantinos	141	Patczai, Balázs	198	Pendegrass, Catherine	130
Papagiannopoulos, George	128, 159	Patel, Akash	46	Penedo, Jorge	74
Papandreou, Maria	161	Patel, Amisha	95, 139	Penev, Preslav	196
Papastergiou, Stergios	123, 182	Patel, Amit	137, 166	Penn-Barwell, Jowan	63
Papavasiliou, Kyriakos	134, 161	Patella, Silvio	43	Pennig, Dietmar	40, 110, 158
Papavasiliou, Thanos	60	Patel, Nimesh	166	Penny, Jeannette	126
Pape, Hans-Christoph	76, 104, 114, 154, 158, 191	Patel, Nirav	199	Perdisa, Francesco	43
Pap, Géza	35	Patel, Rahul	183, 196	Pereira, Hélder	130, 185
Pap, Karoly	139	Patel, Shelain	167	Pereira, Jorge	105
Papke, Yvonne	154	Patel, Shilen	173	Pereira, Paulo	98
Papotto, Giacomo	166	Patel, Vipul	100, 155, 156, 158	Pereira Rocha, Hernani	103
Papp, Andrei	100, 191	Patel, Vishal	145, 180, 183, 195	Pereira, Rogério	185
Papuc, Alexandru	175, 192	Paterlini, Marco	70, 82	Perera, Jonathan	107, 135
Parais, Felix	115	Patil, Sanjeev	179	Pérez Aguilar, María	194
Paraskevas, George	41, 124	Paton, Bruce	183	Pérez, Arturo	134
Paraskevopoulos, Georgios	157	Paton, Robin	105	Pérez Bermejo, Diego	188
Parchi, Paolo	39	Patterson, Marc	103	Pérez Caballer, Antonio	140
Pardee, Nadine	176	Pattynama, Bas	114	Pérez Coto, Iván	176
Pardo Coello, María del Mar	161	Paul, Ashok	90	Pérez Exposito, Roque	193
Pareja, José Antonio	154	Paully, Vanessa	48	Pérez-Fernández, Albert	96
Pari, Carlotta	93	Paulus, Alexander	139	Pérez, José Ignacio	156
Paringe, Vishal	192	Pavic, Roman	188, 189	Pérez, María Isabel	194
Parker, L.	180	Pavlou, George	101, 127, 190	Pérez Prieto, Daniel	104, 135, 181, 186
Parker, Martyn	97, 113	Pavone, Vito	166, 175, 187	Perez Torres, Javier	254
Park, In-Joo	63, 200	Pearce, Andrea	126	Pérez-Ubeda, María José	152
Park, Jang-Won	179	Pearle, Andrew	78	Perfitt, Joel	191
Park, Jong-Soo	183	Peck, Christopher	41	Perka, Carsten	92, 94, 106, 142, 177
Park, Kichul	196	Pedersen, Ole	97, 103	Perna, Michelle	138
Park, Ki-Chul	141	Pederzini, Luigi A.	79	Pernstich, Sabrina	163
Parma, Alessandro	98, 139, 165	Pedotti, Antonio	136	Perrez-Carro, Luis	83
Parmaksizoglu, Atilla	66, 110, 128	Pedrazzini, Alessio	70	Perricone, Vittorio	38
		Pedrero-Elsuso, Salvador	96, 145	Perry, Donna	198
		Pegg, Elise	95, 105, 107, 140	Perticarini, Loris	99

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Pescador, Daniel	160	Pinto, Rui	95, 105, 114, 116, 121, 146, 148, 177, 189, 194, 197	Popescu, Mircea Radu	198
Pescador, David	148, 160	Piolanti, Nicola	39	Pop, Tudor Sorin	142, 178
Petcu, Daniel	163	Piovani, Lucio	99	Portabella-Blavia, Federico	96, 145, 194
Petek, Daniel	58	Pires, José	137	Portabella, Federico	134, 170
Peter, Robin	74, 168, 173	Pirich, Christian	159	Porteous, Andrew	78, 182, 185
Petersen, Mette	173	Pirker-Frühauf, Ulrike	133, 134, 146	Porter, Keith	61
Petersen, Michael	65, 90, 111, 134	Pisanu, Francesco	156	Porter, Kenneth	139
Petheram, Tim	77	Pishnamaz, Miguel	76, 158, 191	Portolés Pcampo, Ana	133
Petit, Philippe	73	Pison, Alexis	193	Posner, Eva	193
Petje, Gert	200	Pittas, Alexandros	61	Pospischill, Renata	58
Petreus, Tudor	158	Piven, Igor	195	Post, Zachary	127, 140, 141, 176, 185, 195
Petrie, Aviva	68	Plaass, Christian	76	Potel, Jean François	78, 148
Petrie, Michael	191	Plano, Xavier	145	Potestio, Domenico	75, 189
Petrou, Charalambos	93, 154	Plasencia, Miguel Angel	151, 154	Potoupnis, Michael	161
Petursson, Gunnar	90	Plastow, Ricci	66, 94	Potter, Hollis	111
Peul, Wilco	114	Plata García, María	162, 163	Poul, Jan	101
Pfeifer, Roman	76, 114, 191	Plattner, Florian	95	Pourmoghaddam, Amir	67
Pfeil, Joachim	75, 253	Platzer, Patrick	190	Power, Dominic	66, 189
Pflugmacher, Robert	128, 129	Plenk, Hanns	145	Prado Nóvoa, María	150
Philibert, Stephanie	75, 183	Plessas, Spiridon	124, 157	Prasad, Kodali	166, 179
Phillips, Alistair	94	Pneumatikos, Spyridon	193	Prasad, Mahadev	197
Phillips, Hannah	144	Poberaj, Boris	112	Pratt, Roland	108
Phillips, Jonathan	108, 193	Poenaru, Dan	198	Predescu, Vlad	94, 112, 174
Piazzolla, Andrea	194	Poggie, Matthew	63	Preininger, Bernd	94, 142, 177
Picard, Frederic	90	Pohlelmann, Tim	34, 131, 142	Prejbeanu, Marius	46
Piccaluga, Francisco	67, 169, 172	Pokorný, David	145, 157, 177	Prejbeanu, Radu	46, 51, 190, 196
Pichler, Karin	81	Pokorny-Olsen, Alexandra	69, 157	Prescher, Andreas	191
Pickering, Greg	200	Polat, Atilla	154, 156, 164, 191, 192	Prescura, Catalin	94, 112, 174
Pietropaolo, Alessandro	166	Polat, Gökhan	81, 148, 188	Press, James	137
Pietschmann, Matthias	42, 64, 77, 100, 124, 148, 181	Politis, Aggelos	182	Prestamburgo, Domenico	47
Pietsch, Martin	83, 95	Pollock, Robin	89, 133, 135	Presterl, Elisabeth	98
Pihl, Mathilde	201	Pöll, Ruud	112	Preuss, Roman	59, 70
Pijnenburg, A. C.	59	Pomero, Vincent	73, 201	Prevezanos, Vassilis	144
Pijnenburg, Bas	74	Pomeroy, Greg	76	Price, Andrew	64, 150, 184, 255
Pijoan, Joan	144	Pompili, Massimo	70	Price, Mark	126
Pillai, Anand	163	Pondaag, Willem	114	Prietzal, Torsten	169
Pilot, Peter	72	Pon, Jorge	187	Priftis, Athanasios	141
Pilz, Magdalena	98	Ponzer, Sari	113	Prinja, Aditya	141
Pinches, Gwendoline	134	Poolman, Rudolf	36, 123	Pripp, Are Hugo	199
Pineau, Vincent	107	Pope, Andy	186	Pritchard, M.	158
Pinho, Andre	146	Popescu, Dan	171	Probert, Nick	151
Pink, Daniel	51	Popescu, Dragos	148, 180	Proschek, Dirk	160
Piñol Jurado, Ignasi	146, 165	Popescu, Maria	192	Proubasta, Ignacio	66, 153
Pinsornsak, Piya	72, 172	Popescu, Mihai	135	Provatidis, Christopher	175
Pinto, Narendra	42, 141, 163, 198	Popescu, Mihai Viorel	170	Prudhon, Jean Lous	253
				Prundeanu, Andrei	100, 191

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Pruss, Axel	62	Radler, Christof	58, 76	Rathleff, Camilla	185
Pscherer, Stefan	63	Radlovic, Jelena	166	Rathleff, Michael	185
Psychoyios, Vasileios	189	Radlovic, Vladimir	166	Rathnayake, Kalana	141, 198
Ptashnikov, Dmitry	109	Radl, Roman	83, 95	Ratté-Larouche, Mathieu	188
Puente Palacios, Isabel	145	Radulescu, Dragos	175, 192	Rauch, Hannes	169
Pufe, Thomas	114, 154	Radulescu, Radu	175, 192	Raugalas, Ramunas	201
Pugh, Hannah	196	Radulescu, Sorin	66, 187	Rausch, Sascha	197
Puha, Bogdan Florin	158	Radwan, Yasser	83	Raut, Videsh	181
Puig Verdié, Lluís	45, 46, 64, 135, 145, 146, 153, 165, 175, 181, 184, 186	Rafee, Asan	76, 145	Raval, Pradyumna	153
Pujo, Ermir	46	Raglio, Annibale	144	Ravasi, Flavio	94
Pujol, Nicolas	78, 79, 148, 149	Rahbek, Ole	81	Ravenscroft, Matthew	50
Pulkkinen, Pekka	171	Ra, Ho Jong	149	Ravn, Christen	137
Pullin, Rhys	193	Rajagopalan, Senthilvelan	142	Rawcliffe, Catherine	105
Puls, Marc	94	Rajakulendran, Karthig	172	Raykov, Dimitar	164
Punda, Marija	192	Raja, Lokesh Kumar	171	Rayo, J. I.	138
Puolakka, Timo	59, 75, 120, 126, 168, 176	Raj, D.	183	Ray, Pinak	164, 187
Püschel, Klaus	146	Rakic, Ivan	166	Raza, Ali	158, 162, 163
Puskas, Gabor	35, 93, 124, 156	Ramachandran, Manoj	37	Razik, Aisha	96, 195
Putnis, Sven	61	Ramakrishna, Sushmith	163	Razvan, Ene	171
Pynsent, Paul	41, 74, 123, 171, 180	Ramalho, Frederic	59, 177	Razzaq, Rameez	76
Pynsent, William	171	Ramappa, Manjunath	45, 72, 108	Reategui, Diego	148, 180
Q		Ramasamy, Vijayaraj	100, 155, 158, 178	Recalde-Espinosa, E.	143
Qian, Wenwei	48	Ramaskandhan, Jayasree	120	Recano, Pasquale	194
Quah, Conal	47	Ramírez Ruiz, Guillermo	184	Reciniello, Silvia	202
Quehenberger, Franz	40	Ramírez Valencia, Manuel	104, 135	Reddy, Krishna	89, 135, 194
Quiles, Manuel	140, 144, 181, 200	Ramírez Villaescusa, José	161	Redfern, David	104, 149
Quinlan, John	75	Ramos, Luis	39	Redfern, Tom	100
Quintas, Saioa	187	Ramoutar, Darryl	179	Redler, Andrea	120, 183
Quinteros, Mauricio	67	Ranawat, Amar	48, 72, 111, 172, 183	Reed, Mike	77, 96, 108, 113, 120, 141, 177, 194
Quolquela, Muhammad	66, 152, 157	Ranawat, Chitranjan	48, 72, 111, 172	Rees, Jonathan	153
Quraishi, Mohammed	133	Rand, Ben	63, 143	Refaie, Ramsay	190
Quraishi, Sohail	104, 172, 193	Randelli, Pietro Simone	123	Rehbein, Philipp	59, 252
Qureishi, Ford	188	Ranera, Miguel	199	Reichel, Heiko	62, 98, 157, 171, 183
Qureshi, Saaqib	200	Rangan, Amar	113	Reilingh, Mikel	97
R		Rani, Nicola	75	Reimers, Nils	190
Rabat Ribes, Eduard	71	Ranstam, Jonas	42	Reina, Nicolas	139
Rabbani, Naila	137	Rantissi, M.	76	Reinders, Joern	107
Rabenseifner, Lothar	150, 167	Rao, Biyyam	183	Reischl, Nikolaus	90, 99
Radakovits, Peter	150	Rao, Sripathi	187	Reis, R.M.	130
Radcliffe, Graham	186	Rapan, Saša	136, 162	Reis, Rui	130, 185
Radetzki, Florian	82, 111	Raposo, Frederico	114, 197	Reissig, J.	191
Radford, Warwick	197	Raptis, Konstantinos	152, 153	Reito, Aleks	59, 75, 120, 126, 168, 176
Radha, Sarkhell	197, 202	Raschke, Michael	67, 91	Remani, Mohan	167
		Rashid, Abbas	71	Remes, Ville	77, 115, 168, 171
		Rashkov, Mihail	156	Remuzzi, Andrea	144
		Rasmussen, Sten	177, 185		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Rendon, Diego	160	Roberston, James	101	Röllinghoff, Marc	111, 159, 160
Renz, Philipp	180	Roberts, Jason	127	Rollinson, Paul	96, 197
Repantis, Thomas	120	Roberts, Philip	89, 191	Rollo, Giuseppe	121
Resch, Herbert	35, 50	Roberts, Sam	163	Romanò, Carlo Luca	67, 92, 109, 187
Resende, Vera	158, 179	Robertsson, Otto	45, 48, 111	Romanò, Delia	67, 187
Restrepo, Nicolas	62	Robinson, James	78, 182, 185	Romero-Pijoan, Eudald	96, 145, 194
Rettenbacher, Lukas	159	Rocha, Pedro	109, 190	Rommens, Pol Maria	34, 82, 107, 151
Revell, Matthew	171	Rochau, Hannes	180	Rondelli, Gianni	140
Revell, Peter	171	Roche, Adrián	140	Ronen, Debi	99
Revuelta, Gonzalo	148	Roche, Chris	35	Rooney, Aaron	142
Reyes, Christopher	60	Rochwerger, Alexandre	71, 81	Roos, Ewa	102, 185
Reyes Jiménez, Alejandro	188	Roddam, Hazel	81	Roposch, Andreas	50, 106
Rhee, Shin-Jae	50, 168, 188, 191	Röder, Christoph	159	Rosa, Michle Attilio	144
Rhemrev, Steven	66, 151	Röderer, Götz	46, 191	Rose, Barry	166
Rhys, Thomas	62	Rodkey, William	64	Rosenberger, Ralf	180
Rhyu, Kee-Hyung	146	Rodrigues, Francisco	169	Rosencher, Nadia	253
Ribas, Manuel	177	Rodrigues, Luis	162	Rosenwasser, Melvin	63
Ribau, Miguel Angel	115	Rodrigues, Maria	169	Ros, Ernest	167
Ribee, Helen	166, 172	Rodrigues, Pedro	105, 116, 121, 146, 194	Roskidaylo, Anastasiya	155
Riccioli, Maria	187	Rodríguez-Chacón, Luis	133, 156	Rossbach, Björn	42, 100, 148
Rice, John	137, 167	Rodríguez, David	120	Rosser, Patrick	144
Richard, Jean-Cristophe	168	Rodríguez Gómez, Luciano	184	Rosset, Philippe	150
Richmond, Catherine	78	Rodríguez, Joaquim	134	Rossi, Cristina	150
Richter, Klaus	169	Rodríguez, Juan Miguel	148	Rossi, Paolo	93
Riedl, Markus	134	Rodríguez, Luis	157	Rossi, Stefano	99
Riedl, Martina	77	Rodríguez Maruri, Guillermo	42, 43	Rossiter, Nigel	45
Rieger, Johannes	174, 184	Rodríguez-Merchán, E. Carlos	188	Ross, Steven	191, 198
Rienmüller, Anna	145	Rodríguez-Merchán, Emérito	179, 183	Rota, Attilio	187
Ries, Michael	167	Rodríguez-Monsalve Milano, Fiona	189	Rota, Pierpaolo	187
Rigby, Alan	96, 192	Rodríguez Montserrat, David	161	Rotini, Roberto	155
Rigol, Pau	165	Rodríguez Roiz, Juan	148	Rouchy, René-Christofer	188
Riis, Troels	97, 103, 175, 196	Rodríguez-Solera, José Miguel	159, 160	Rouhani, Hossein	115, 164
Ring, David	66, 110, 151, 155	Rodríguez, Tamara	194	Roumeliotis, Leonidas	144, 149
Ring, Joseph	147, 199	Roehrs, Ehrenfried	136	Roussos, Constantinos	74, 173
Ringsholt, Merete	90	Roessler, Philip	167	Roustan, Emilie	81
Rinner, Beate	40	Roessner, Albert	139	Rowell, Shannon	60, 107
Riordan, Dan	137, 167	Rogmark, Cecilia	80, 103, 113	Rowlands, Thomas	127
Ríos-Luna, Antonio	172	Röhl, Stephan	181	Rowles, John	140
Ripalda, Jorge	153, 168, 169, 180, 190, 199	Røise, Olav	82	Roy, Stuart	183
Ripani, Francesca	90	Rojas, C.	161	Rozen, Nimrod	149
Risebury, Michael	45	Rojo Manaute, José	42, 43, 172	Ruatti, Sebastien	114
Risto, Anton	151	Rokicki, Rafal	200	Rubio Suárez, Juan Carlos	188
Rizk, ahmed	83	Roland, Walker	165	Ruchelli, Luis	173, 192, 193
Rizzi, Luigi	110	Rolauffs, Bernd	46	Ruchholtz, Steffen	125, 156
Robati, Shibby	139, 146, 170	Rolfson, Ola	75, 122, 173	Ruckenstuhl, Paul	152
Robb, Curtis	41, 180	Rollero, Luca	189, 197	Rudd, Pandora	40

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Rüdiger, Hannes	135, 178	Sahin, Vedat	149	Sandiford, Nemandra	111
Ruecker, Andreas	124, 125	Sahnan, Kapil	169	Sándor, Incze-Bartha	200
Rueger, J.	153	Saifuddin, Asif	89	Sandoval, Manuel Angel	176
Ruffilli, Alberto	98, 139, 165	Sailhan, Frederic	95, 108	Sandrini, Enrico	140
Ruggieri, Pietro	38, 94	Saithna, Adnan	201	Sanfilippo, Antonino	169
Ruiz, Aina	46	Saka, Gürsel	121, 194	Sangers, Bheem	38
Ruiz Arranz, José Luis	47, 160	Sakai, Hiroki	148, 170, 184	Sanjurjo Portus, Jorge	134
Ruiz, Carlos	82	Sakai, Shinsuke	44, 136	Sanson, Bernd-Jan	64
Ruiz Iban, Miguel	42	Sakai, Yoshinori	174	Sans, Roberto	43
Ruiz Picazo, David	161	Sakalouski, Aleh	199	Santana, Fernando	46, 145, 153
Rundgren, Johanna	191	Sakane, Masataka	44, 136, 168, 170, 174	Santana-Zorrilla, S.	143
Rupp, Rüdiger	174	Sakaridani, Kazuki	65	Santandrea, Alessandro	156
Rushton, Paul	157	Sakdinakiattikoon, Manoon	178	Sant'Anna, Francisco	71, 101
Rüsseler, Miriam	154	Sakellariou, Vasileios	101, 173	Santhapuri, Sunil	161
Russell, Dougie	66, 152, 153	Saklatvala, Jeremy	149	Santori, Nicola	60, 75
Russu, Octav	142, 178	Sakuma, Katsuhiko	180	Santos, Ana Claudia	98
Rutherford, Claire	122	Sakuma, Yoshihiro	148, 162	Santos Carvalho, Manuel	146, 197
Ryan, Anthony	75	Salas García, Aranzazu	190	Santos, Ciro	194
Ryan, Katie	108, 191	Salcedo, Leandro	173, 192, 193	Santos Rosa, Manuel	43
Ryan, Philip	99, 171, 176	Salcedo, María	71	Sanz Pascual, María Del Carmen	193
Ryan, William	71, 136	Salduz, Ahmet	154	Sá, Pedro	169
Rymaszewska, M.	189	Saleh, Anas	122	Sapogovaite, Ingrida	201
Rymaszewski, Lech	188, 189	Sales Ortega, Josep	158	Saqib, Rukhtam	149
S		Salgado, Oscar	169	Saragaglia, Dominique	188, 193
Saad, Ali	70, 165	Salgado Rodrigo, Angel	76	Sarangi, Partha	156
Sabagh, M.S.	199	Salini, Vincenzo	140	Saranteas, Theodosios	147
Sabatella, Carlos	38, 179	Saló Bru, Guillem	104, 135	Sarbu, Partenie	46, 51
Sabbioni, Giacomo	75	Saloupis, Panagiotis	135, 157, 162	Saris, Daniel	64
Sabboubeh, Adel	173	Saltzman, Charles	129	Sariyilmaz, Kerim	48, 64
Sadeghi-Naini, Mohsen	199	Salvador, Jordi	187	Sarkar, Saurabh	46, 199
Sadiq, Shahzad	108	Salvati, Eduardo	101	Sarlikiotis, Thomas	147
Sadique, Hammad	133	Salzberger, Florian	129	Sarmah, Panchali	170
Sadoghi, Patrick	36, 130, 133, 134, 143, 152, 159, 169, 181, 183, 184	Sama, Andrew	47, 163	Sarmah, Sasanka	140
Saeed, Danish	191	Samad, Lubna	200	Sarmento, Marco	188
Saeed, Mohammed	141	Samedá, Hiroaki	160	Sa Rodrigues, Andre	114
Safdari, Farshad	45, 179	Samiezadeh, Saeid	181	Sarpel, Yaman	78
Safir, Oleg	101	Samoladas, Efthimios	162	Sarraf, Khaled	184
Safos, George	159	Sampalli, Sridhar	61	Sarris, Ioannis	134
Sagar, Chris	138	Sanada, Shigeru	170	Sarungi, Martin	112
Sagawa, Yoshi	164	Sánchez, Juan	165	Sasaki, Akira	181
Saggin, Paulo	78	Sánchez Martos, Maximilian	189	Sasaki, Mikito	44
Saglam, Necdet	116, 121, 192, 194	Sánchez-Soler, Juan Francisco	45, 46, 145, 146, 186	Sastre, Sergi	42, 148, 180
Saglik, Yener	51, 135	Sánchez Sotelo, Joaquin	156	Sathis, Varan	190
Saha, Suman	153	Sancho, Rogelio	175, 177	Sato, Junko	35, 67, 145, 151, 165, 179, 194
		Sander, Jeffery	157	Sato, Katsumi	157
				Sato, Keiji	167, 175

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Satou, Toru	160	Schreurs, Wim	125, 144	Selzer, Gunther	141, 194
Saupe, Nadja	93	Schröder, Christian	42, 77, 100	Semenisty, Alexey	195
Saussac, François	129	Schrøder, Henrik	111	Semenitz, Barbara	72
Sauvé, Phillip	35	Schroeder, Dave	136	Senaran, Hakan	50, 153, 157
Savaridas, Terence	77	Schröttner, Heribert	159	Sen, Cengiz	81, 130, 139
Savoini, Marzia	121	Schubert, Mario	93	Senden, R.	41, 47, 107, 171
Savvidis, Matthaïos	193	Schuh, Reinhard	129, 193	Senekovic, Vladimir	112
Sawaguchi, Takeshi	82	Schuind, Frédéric	60, 189	Sener, Burçin	145
Sawalha, Seif	141	Schüller-Weidekamm, Claudia	146	Sener, Nadir	37
Sayani, Junaid	197, 202	Schulte-Mattler, Martin	178	Senior, Colin	155
Sayar, Safak	153, 181	Schultz Larsen, Morten	91, 131	Senocak, Eyüp	156
Sayeed, Siraj	150	Schulz, Arndt	63, 136, 190	Senohradski, Kenan	192
Say, Ferhat	164	Schuster, Rupert	190	Senol, Serkan	135
Scammell, Brigitte	143	Schwab, Joseph	66	Sen, Ramesh	82, 137, 177
Schaer, Michael	174	Schwartsmann, Carlos	177	Sen, Tulin	135
Schankath, Adrian	201	Schwieger, Karsten	142	Seo, Dong Kyo	81
Scharf, Markus	100	Scoccianti, Guido	134	Seo, Jin-Hyuk	78, 95
Scharpf, Andreas	124	Scola, A.	46	Seong, Y.	168
Schaumburger, Jens	98	Scorilas, Andreas	140	Seo, Sang-Min	62
Scheifl, Rebekka	151	Scott, Gareth	69	Seo, Seung-Suk	78, 95
Scheipl, Susanne	40	Sculco, Peter	176, 196	Seppänen, Matti	169
Schell, Hanna	97	Sculco, Thomas	122	Sequeiros, Jorge	187
Schemitsch, Emil	120, 167	Seabra, Jorge	199	Seral García, Belén	142, 171, 182, 188
Schenk, Willem	41	Seara, Manuel	105, 116, 121, 148, 194	Serdjuchenko, Sergey	199
Scheurecker, Georg	83, 185	Seber, Sinan	44	Serdoura, Francisco	146
Schildhauer, Thomas	159	Sechrest, Randale	157	Sergides, Neoptolemos	128, 159
Schipper, Inger	66	Seckin, Mustafa	128	Serrano, Celia	134
Schmelzer Schmid, Nicole	49	Sedek, Lukasz	137	Serrano Fernández, José	150
Schmidig, Gregg	35, 138, 157, 170, 171	Seeley, Joanna	139	Serrano-Pedraza, Ignacio	77
Schmidmaier, Gerhard	64, 110	Segal, Ganit	99	Serrano, V. J.	138
Schmidt, Andre	147	Segur, Josep Maria	148, 180	Serra, Ramón	167
Schmidt, Christian	128	Seidel, Ulrich	128	Sert, Cemil	96
Schmidt, Klaus	48	Seidl, Tamara	45	Serveev, Sergey	46
Schmidt, Walter	182	Seifen, Tanja	159	Servien, Elvire	78, 106, 148
Schmidutz, Florian	178	Seijas-Vazquez, Roberto	83	Sesen, Hakan	195
Schmitt, Bärbel	100	Seil, Romain	72, 103	Seslija, Igor	73, 142
Schmitt, Jan	167	Seitlinger, Gerd	83, 185	Sessa, Andrea	166, 175
Schmoelz, W.	46	Seker, Ali	38, 39, 128, 152, 165	Sessa, Giuseppe	166, 175, 187
Schneider, Robert	163	Sekiguchi, Hiroyuki	164	Sessa, Pasquale	90
Schneider, Wolfgang	152	Sekiya, Ichiro	183	Setiawan, Bambang	138
Scholl, Laura	35, 138, 157, 170, 171	Sekiya, Isato	71, 201	Setsu, Nokitaka	135
Scholtes, V. A.	36	Selek, Hakan	186, 187	Seuser, Axel	36
Scholtes, Vanessa	123	Selga, Jordi	145	Sevelde, Florian	134
Schønemann, Jesper	96	Sellan, Michael	167, 174	Sevencan, Adnan	151
Schoof, Benjamin	173	Sellei, Richard	76, 104, 114, 191	Sever, Cem	39, 108, 144, 162
Schou, Martin	126	Selvan, David	164	Seyahi, Aksel	79

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Seyfetinoglu, Firat	114	Shiozaki, Yoshiki	181	Singer, Brian	97, 183
Seymour, Richard	180	Shirai, Chikashi	94	Singer, G	184
Sezer, Hasan Basri	38, 39, 141, 165, 189, 196	Shirai, Toshiharu	40, 52, 89, 133	Singer, Mohamed	155
Sezgin, Hicabi	73	Shirai, Yu	149	Singh, Ashok	124
Shaban, Yasser	83	Shiratsuchi, Hideaki	44, 90, 173, 174, 175, 184	Singh, Bijayendra	178, 189
Shabshin, Nogah	149	Shiroshita, Takuya	180	Singh, Dishan	68, 166
Shackelford, Ian	162	Shishido, Takaaki	74	Singh, Gaurav	51
Shafqat, Syed	138	Shiva, S.	137	Singh, Harvinder	70, 100
Shah, G.	184	Shoab, Ahmed	121	Singh, Jagwant	38, 67, 141
Shahid, Mohammad	127, 139, 146, 170	Shoker, Balvinder	135	Singh, Rohit	100, 195, 197
Shah, Kalpesh	166	Shon, Hyun-Chul	198	Singh, Shiv	147, 173
Shah, Munawar	197	Shon, Oog-Jin	141, 196	Singh, Vinay	38
Shah, Nikhil	144, 198	Shortland, Adam	159	Singla, Amit	178
Shah, Nirav	139, 195	Shubnyakov, Igor	178	Sinha, Ian	197
Shaikh, Aamir	127, 177	Shyamalan, Gunaratnam	188	Sinha, Joydeep	124
Shalin, Artem	176	Siam, Ahmed	114	Sinisi, Marco	67
Shanmuganathan, Rajasekaran	141	Sian, Parmjit	161	Sinnott, Matthew	188
Sharkey, Peter	63	Sicuri, Marco	67	Sinopidis, Chris	105
Sharma, Aadhar	166	Siddiqui, Muhammed	149	Sirbu, Paul Dan	158
Sharma, Akash	74	Sidon, Eliezer	136, 157	Sirignano, Cesare	152
Sharma, Bahrat	149	Siebenrock, Klaus	58, 66, 94, 177	Sirikonda, Siva	165
Sharma, Hemant	96	Siebert, Werner	88, 252	Sirvanci, Mustafa	37
Sharma, Rajeev	40	Siesing, Peter	193	Sisak, Kris	198
Sharma, Rakesh	43	Sievers, Birte	100	Sisodia, Gurudattsingh	112, 181
Sharma, Sanjeev	111	Sigamoney, Kohila	47, 163	Sisto, Riccardo	189
Shaw, Colin	190	Signorelli, Cecilia	78, 138, 149	Sitnik, Alexandre	61, 196
Shawky, Ahmed	114	Silk, Zacharia	141, 145	Sitnik, Robert	133
Sheehan, Brendan	96, 193	Sillesen, Nanna	80, 99, 107	Sivaprakasam, Manjunathan	105
Shemesh, Shai	136, 157	Silva, Amila	185	Skaliczki, Gábor	92
Shenouda, Michael	197, 202	Silva, Cesar	151	Skinner, John	89, 167
Shepard, Gordon	149	Silva-Correia, Joana	130	Skowronek, Michal	138
Shepperd, J.	162	Silva Gomes, Diogo	71	Skowronek, Pawel	138
Sherief, Tamer	47	Silva, Luis	137, 162	Skyrme, Andrew	134
Shetty, Shilpith	135	Silva, Manuel	105, 116, 121, 148, 194	Skyttä, Eerik	77, 115, 168
Shibuya, Yohei	172	Silva, Marcelo	177	Slick, Zak	197
Shields, David	112, 189, 191	Silva, Sérgio	95, 177, 189	Sillamniku, Sabit	200
Shigemura, Tomonori	43, 165, 172	Silverwood, Robert	136	Sloan, Karen	90
Shiguetsomi-Medina, Juan	81	Simic, Marko	128	Slongo, Theddy	37
Shih, Juitien	155	Sim, Ju Hyun	128, 167, 197	Smee, Elizabeth	110
Shimbo, Jun	160	Simon, Jean-Pierre	174	Smekal, Vinzenz	180
Shimozaki, Shingo	40, 52, 89, 133	Simon, Paul	110	Smeraglia, Francesco	152
Shinada, Yoshiyuki	173	Simon, Valeska	63	Smitham, Peter	82
Shinohara, Kentaro	170	Simpson, Christopher	141	Smith, Christian	142
Shin, W.	67, 168	Simpson, Claire	66, 189	Smith, Chritopher	156
Shiota, Naofumi	160	Sims, Alex	113, 138	Smith, Elizabeth	127
				Smith, Evert	254

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Smith, Gemma	161	Sørensen, Michala	134		160, 173, 177
Smith, J.	39	Soscia, Ernesto	152	Steadman, J.	64
Smith, James	78	Sosna, Antonín	145, 157, 177	Steenmeijer, A. V.	59
Smith, Rik	108	Sotorres, Guillermo	148, 180	Steensland, Erik	67, 113, 195
Smith, Simon	154	Soucacos, Panayiotis	101	Steens, Wolfram	172
Smith, Ted	151	Souffrant, Robert	172	Steiler, Cindy	35
Snape, Susan	143	Soultanis, Konstantinos	160	Steppacher, Simon	66, 177
Snedeker, Jess	142	Souras, Nikolaos	152	Sternbauer, Simon	181
Snorrason, Finnur	181	Sousa, Antonio	114, 197	Sternheim, Amir	181
Soares, Daniel	98	Sousa, Manuel	179	Stevenson, Jonathan	89
Soares do Brito, Joaquim	109, 129, 190	Sousa, Ricardo	98	Stevenson, Michael	59, 193
Soares, João	71, 101	Spalazzi, Jeffrey	182	Stevens, Rick	188
Soares Pires, Antonio	192	Spalding, Tim	78, 187	Stirling, Paul	144
Søballe, Kjeld	89, 170, 173, 184	Spasovski, Dusko	73, 142	Stöckl, Bernd	34
Søberg, Helene	82	Spasovski, Vesna	142	Stöckle, Ulrich	58, 63, 91, 131, 142
Sobottke, Rolf	159	Specht, Juergen	75	Stockley, Ian	111
Sobron, Borja	172	Speciale, Domenico	194	Stockmans, Filip	60
Sodano, Luca	165	Spenacchio, Pietro	113	Stødkilde-Jørgensen, Hans	81
Sofia, Ana	193	Spencer, Jonathan	95	Stoica, Christian	130
Sofu, Hakan	149	Spencer Jones, Richard	127	Stokes, Michael	70, 190
Sokorelos, Michail	61	Spencer, Rob	88	Stone, Andrew	142
Sola, Alejandro	156	Spence, Stephanie	190	Stone, Oliver	41
Solan, Matthew	62, 149, 166	Speranza, Attilio	65	Strahonja, Borna	184
Solano, Albert	153	Spibey, James	149, 151	Straker, Haim	50
Solarino, Giuseppe	194	Spicer, Dominic	139, 141, 198	Stranks, Geoff	126
Soldati, Alessandra	152	Spiegl, Ulrich	128	Stranzinger, Enno	201
Soler, Francesco	112	Spigel, Djusika	162	Strecker, Wolf	174
Solernou Soler, Xavier	156	Spilsbury, Jonathan	161	Streekstra, Geert J.	60
Soler Romagosa, Francesc	158	Spinelli, Leandro	177	Street, Elliot	188, 198
Solimeno, Luigi	36	Spiteri, Veronique	161	Street, Julia	193
Solís, José María	181	Spornraft-Ragaller, Petra	180	Streicher, Robert	59, 70
Solyom, Arpad	143, 169	Spranger, André	129	Streit, Marcus	105, 107
Somasundaram, Karthik	169	Springer, Alexander	142	Strøm, Eivind	90
Sonderegger, Gudrun	81	Sprowson, Andrew	108	Stroud, Nick	35
Sondergaard, Jorgen	167	Spyridonos, Sarantis	152, 153	Stucinskas, Justinas	48, 142
Song, Kwang-Sup	182	Srinivasan, Sriramharish	163	Studler, Ueli	98
Song, Moo-Ho	77, 181	Srinivasan, Suresh	70, 96, 158, 185, 201	Stuecker, Ralf	104
Sonmez, Mehmet	152	Sripirom, Pornpavit	114	Stukenborg-Colsman, Christina	76
Sonmez, Mesut	128	Stagni, Cesare	75	Stulik, Jan	109, 138, 160
Sönmez, Tolga	154	Stammers, John	199	Stuppia, Liborio	140
Sonne-Holm, Stig	101, 201	Standfield, Nigel	195, 196, 197	Sturesson, Bengt	91
Sonnery Cottet, Bertrand	78, 148	Stanley, David	39	Sturm, Patrick	144
Soon, V-Liem	90	Starantzis, Konstantinos	160	Stürup, Jens	65
So-Osman, Cynthia	112, 113	Stark, Olaf	146	Stuyts, Bart	78
Sorene, Elliot	153	Stavlas, Panagiotis	182	Suangyanon, Purinon	192
Sørensen, Henrik	184	Stavropoulos, Nikolaos	39, 101, 147, 157,	Subbu, Rajiv	199

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Subramonium, Sivaraman	178	Sykes, Adam	82	Tanaka, Hiro	139
Suda, Ken	94, 167, 176	Sylejmani, Ardiana	200	Tanaka, Kenichiro	160
Suda, Yasunori	98	Syme, Grant	47	Tanaka, Kou	65
Sudo, Akihiro	126, 171, 172, 176	Synder, Marek	45, 106	Tanaka, Kunihiko	192
Su, Edwin	176	Szabó, Tamás	198	Tanaka, Minoru	157
Sueiro-Fernández, José	101	Szczepanski, Tomasz	137	Tanaka, Motoki	92, 155
Suero, Eduardo	78, 159	Szczypa, Piotr	151	Tanaka, Yasuhiro	184
Sufi-Siavach, Anusch	180	Szebényi, Gábor	139	Tanaka, Yoshinari	148, 181
Sugandhavesa, Nantawit	114	Szendrői, Miklos	58	Tanase, Dan	66
Sugand, Kapil	195, 196, 197	Szota, Justyna	108, 159	Tanase, Florin	187
Sugaya, Hiroyuki	92, 155			Tandon, Vineet	104
Sugaya, Hisashi	44, 136, 168, 170, 174	T		Tangmanasakul, Akegapon	129
Sugita, Takehiko	83, 181	Tabet, Monique	198	Tangsataporn, Suksan	101
Sugiyama, Hajime	168	Taff, Clarence	182	Tan, H.	41
Suh, Dong-Hun	146	Täger, G.	191	Tan, Hiang Boon	64, 130
Suh, Kuentak	67, 137, 168	Taggart, Tom	186	Tannast, Moritz	66, 94, 177
Sukeik, Mohamed	102, 145	Tägil, Magnus	36, 151, 152, 187, 188	Tanner, Elizabeth	58
Sukin, Dean	176	Tahara, Masamiti	138	Tan, Simon	66, 189
Suk In, Na	138	Taher, Fadi	47, 163	Tan, Wei Liang	174
Sumathi, Vaiyapuri	171	Taiwo, Adekunbi	197	Tanzawa, Yoshikazu	40, 52, 89, 133, 135
Sumen, Yoshio	65	Takada, Jun	40, 52, 133	Tarasevicius, Sarunas	48, 142
Summa, Pier Paolo	127	Takada, Naoya	71, 154, 163, 173, 201	Tarassoli, Payam	121
Sunbuloglu, Emin	48, 64	Takahashi, Atsushi	181	Tardy, Nicolas	79, 149
Sundaramurthy, Sona	136	Takahashi, Kazuhisa	43, 44, 148, 162, 165, 172	Tare, Makarand	189
Sundar, Manthravadi	81			Tarkin, Ivan	114
Sundberg, Martin	111	Takahashi, Kenji	148, 164, 184	Tarquini, Olina	71, 137
Sunderamoorthy, Dakshinamurthy	143	Takahashi, Norimasa	92, 155	Tarry, Simon	251
Sun, Doo-Hoon	63, 172	Takahira, Naonobu	105	Tartaglia, Nicola	121, 194
Sungur, Mustafa	148	Takano, Shotaro	164	Tarukado, Kiyoshi	128
Sung, Wenjay	76	Takase, Kan	160	Tasaki, Atsushi	154
Sunnar, Jaskaranjit	174	Takaso, Masashi	93, 105, 162, 164	Taser, Ömer	181
Sur, Avtar	188	Takeda, Mitsuhiro	35, 67, 145, 151, 165, 179, 194	Tasker, Andrew	156
Sur, Hakki	34			Tateiwa, Toshiyuki	74
Suso, Santiago	180	Takeuchi, Akihiko	40, 52, 89, 133	Tauber, Mark	35
Sutoluk, Zeynel	78	Takeuchi, Kazuhiro	160	Tavakkolizadeh, Adel	124
Suva, Domizio	58	Takhashi, Kenji	170	Tawfiq, Osama	138
Su, Yu-Ping	194	Taki, Naoya	170	Tay, Charison	174
Suzangar, Mehdi	38	Takubo, Ryota	65, 94, 172, 174, 175, 176	Tay, Darren	121, 139, 185
Süzer, Ferzan	163	Talwalkar, Sumedh	144	Taylor, Andrew	96, 192
Suzuki, Chiho	72, 173	Tamaki, Tatsuya	44, 90, 173, 174, 175, 184	Taylor, Clare	187
Suzuki, Daisuke	65, 106, 168	Tamaki, Tatsuya	173	Taylor, Grahame	99, 143
Suzuki, Hayato	65, 167, 172, 174, 175, 176	Tambe, Amol	174	Taylor, James	166
Suzuki, Masahiko	167	Taminiau, Antonie	133	Taylor, Lee	183
Suzuki, Miyako	148, 162	Tamura, Toshifumi	180	Teani, Ezio	110
Svenningsen, Svein	199	Tanabe, Yuji	168	Teixeira, Joana	129
Swamy, Girish	47, 194	Tanaka, Ayumu	175	Teli, Marco	47, 161

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Templeman, David C.	251	Tilson, Richard	174	Totlis, Trifon	41, 123, 124
Templeton-Ward, Oliver	110	Timotijevic, Sladjan	191	Totorean, Alina	198
Temporin, Ko	70	Tinning, Craig	97, 183, 194	Tötterman, Anna	82
Terinte, Silvia	175, 192	Tirabosco, Roberto	136	Touloupakis, Georgios	165
Terjesen, Terje	199	Tirado, António	109, 129	Tourné, Yves	104, 129
Testa, Diego	197	Tjoumakaris, Fotios	185, 189, 198	Toyama, Yoshiaki	98
Testa, Gianluca	187	Tkhilaishvili, Tamta	98	Tozum, Halil	135
Testa, Rodolphe	148	Todd, Brian	104	Tözun, Ismail Remzi	252
Tey, Marc	177	Togawa, Daisuke	105, 106, 168	Trampuž, Andrej	98, 99, 137, 145
Tezer, Mehmet	108, 144, 162	Togrul, Emre	37	Tramunt-Monsonet, Carlos	134, 194
Thacker, Michael	183	Tohtz, Stephan	94	Traverso, Francesco	127
Thakore, Mayur	35, 138, 157, 170, 171	Tokai, Morihito	92, 155	Treacy, Ronan	74, 171
Thalava, Ramesh	198	Tokgozoglu, Ahmet Mazhar	70, 89	Trebše, Rihard	145
Thaler, Christoph	73, 159	Toksvig-Larsen, Sören	45	Trevett, Mike	165
Thaler, Martin	147	Tolat, Amit	152, 157, 195	Triantis, Petros	110, 158, 189
Thangarajah, Tanujan	165	Tolis, Kostas	152, 153	Trickett, Ryan	100, 197
Theobald, Peter	63, 81	Tomic, Sanja	142, 195	Trigkilidas, Dionysios	46, 146
Theodorakis, Emmanouil	165, 189	Tomita, Katsuro	102	Trigueiros, Miguel	151
Theodorou, Evangelos	175	Tomlinson, James	188	Trikha, Vivek	143, 197
Therman, Hajo	79	Tomljenovic, Mladen	191, 192	Tripathy, Sujit	82, 137, 177
Thermann, Hajo	76, 163	Tomouk, Mohamad	111	Trnka, Hans-Joerg	129
Thiengwittayaporn, Satit	178	Tomoyuki, Ito	65, 94, 174, 175, 176	Troelsen, Anders	80, 99
Thienpont, Emmanuel	88	Toms, Andrew	90	Trojani, Christophe	78, 148
Thiranon, Chaiyot	114	Tonbul, Murat	157	Troldborg, Charlotte	186
Thoen, Peder	138	Tonetti, Jerome	114	Trouilloud, Pierre	198
Thomas, Neil	45	Tong, Aureola	139	Trsek, Denis	184
Thoma, Sofia	189	Tong, Karen	136	Tsakonas, Nikolaos	157
Thomason, Katharine	166	Tono, Osamu	128	Tsang, Kai	109
Thomas, William	99	Topal, Murat	101, 124, 139, 151, 156, 163	Tsang, Shao-Ting	77
Thomazeau, Hervé	158	Topolovec, Matevž	137, 143	Tsepis, Elias	161, 185
Thompson, Mark	76, 130	Torfin, Trine	126	Tsiavos, Konstantinos	147
Thompson, Peter	78, 187	Tørholm, Søren	133	Tsikouris, Dimitrios	124, 157
Thompson, Robin	138	Toribio Calvo, Borja	162	Tsikouris, George	124, 157, 177
Thompson, Simon	155	Toritsuka, Yoshiyuki	116	Tsilikas, Stauros	159
Thonse, Raghuram	169	Torkington, Mathew	138	Tsiplakou, Sophia	144
Thorey, Fritz	75, 178	Torner Pifarré, Pere	156	Tsiridis, Eleftherios	41, 193
Thornalley, Paul	137	Toro, Felipe	153	Tsitsilonis, Serafim	142
Thyagarajan, David	157	Toró, Ildikó	63	Tsoumpas, Pantelis	140
Tiberiu, Bataga	143, 169	Torrens, Carlos	46, 153	Tsuboi, Hideki	154
Tibrewal, Saket	96, 185	Torres, Ana	148, 161, 171	Tsuchiya, Akihiro	144, 148, 164, 170, 184
Tibrewal, Sheo	185	Torres, Antonio	171, 188	Tsuchiya, Daiji	201
Tigani, Domenico	184	Torres Campos, Antonio	142, 157, 182	Tsuchiya, Hiroyuki	40, 52, 89, 93, 95, 133, 170, 171, 172, 173, 174
Tikhilov, Rashid	178	Torres-Claramunt, Raúl	45, 64, 145, 186	Tsuda, Kosuke	59, 120
Tilley, Simon	197	Torres, João	95, 177, 189	Tsuji, Kunikazu	183
Tillotson, Laura	137, 142	Tosco, Pier Mario	93	Tsuji, Soichi	171
Tillu, Abhay	165	Tosounidis, Theodoros	114		

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Tsukeoka, Tadashi	167	Ul Islam, Saif	95	Valente, Luis	114, 197
Tsuneizumi, Yoshikazu	167	Ullah, Aamer	70	Valeo, Luigi	120
Tsybin, Alexander	178	Ullmann, Tina	100	Valera, Màrius	175, 177
Tucker, Adam	193	Ullmark, Gösta	51, 60, 88, 110	Valero-Queralt, M.	143
Tucker, Harry	149	Ulucay, Cagatay	178	Vallamshetla, V. P.	174
Tudor, Edward	104	Uludag, Serkan	79	Valli, Federico	47
Tudor, Francois	199	Umar, M.	47	Vallotton, Jaques	164
Tümer, Yücel	45	Umehara, Jutato	83	Valls-Mellado, Marc	41, 156
Tunali, Onur	154	Unal, Deniz	142	Valmaña, José María	151, 154
Tuna, Meral	48, 64	Ünkar, Ethem	113	Valverde, María Carmen	181
Tunay, Servet	147	Unlu, Serhan	195	Valverde Vilamala, Daniel	175
Tuncay, Ibrahim	130, 139, 148, 153, 185, 188, 201	Unnanuntana, Aasis	122	Valverde Villar, Ana María	182
Tunc, Birol	195	Unterhauser, Frank	110	Vámhidy, László	137, 198
Tuncer, Kutsi	101, 139, 151, 156	Unyó Sallent, Carme	158	van Bekerom, Michel	121
Tunçer, Nejat	81, 148, 153, 181, 185, 188	Uozumi, Hiroaki	83	Vanbiervliet, Jens	174
Tunescu, Bogdan	198	Urabe, Ken	164	Vancura, Lukas	73
Tunn, Per-Ulf	51	Urbasek, Karel	101	van den Hout, Wilbert	112
Turan, Adil	151	Uremovic, Melita	188, 189	van Der Geest, I.	89
Turcot, Katia	164	Uri, Ofir	35	van Der Heijden, Lizz	89, 133, 134
Turfan, Selim	195	Urschel, Christian	174	van Der Linden, Yvette	114
Turgut, Kemal	151	Uruc, Vedat	116	van Der Mark, Susanne	175, 196
Türker, Mehmet	137	Urushibara, Makoto	162	van Der Ploeg, Irene	201
Turkmen, Ismail	135	Usami, Norio	98, 121	van Der Straeten, Catherine	127
Turner, Stephen	154	Usicov, Vladimir	109	van der Vliet, Jacques	123
Turpie, Alexander	92, 147, 253	Usón, Elena	140	Van de Sande, Michiel	89, 114, 133, 134
Tursi, James	151	Usta, Dilek	73	Van Dijkman, Bart	66
Tutaj, Józef	200	Usta, Mustafa	156	Van Dijk, Niek	97, 165
Tüzüner, Mert	161	Ustes, Xavier	115	Van Doorn, Jacco	94
Tuzuner, Tolga	164	Utrillas-Compaired, Alfonso	41, 144	Van Elst, Colette	174
Twyman, Roy	182	Utzschneider, Sandra	77, 139	van Gaalen, Steven	159
Tyler, Philippa	89	Uymur, Erdem	139, 156	Van Glabbeek, Francis	66
Tzinga, N.	186	Uysal, Özgür	154	van Groenewold, J.	171
Tzioupis, Chris	164	Uzoigwe, Chika	108	Vanhegan, Ivor	196
		Üzümcügil, Akin	49	van Hemert, W. L.	47
		Üzümcügil, Onat	113	Van Leeuwen, Justin	181
		Uzun, Metin	152	Vanni, Daniele	140
				Vannini, Francesca	62, 98, 139, 165
U		V		Vañó, Anna	159
Ubayasiri, Nicola	158, 179	Vachon, Jessica	182	van Oosterhout, Frank	123
Ubierna Garcés, María Teresa	104, 161	Vác, Gabriella	63	Vaño Pujol, Anna	195
Uçan, Vahdet	81	Vadalà, Antonio	150, 158	van Rijswijk, C.	133
Uchida, Kentaro	164	Vahlberg, Tero	171	van Rooij, W.	47
Uchida, Ryohei	116	Vaisman, Alex	42, 63, 153	Vanstone, Sean	114
Uchida, Soshi	168, 169	Vaiyapuri, Sumathi	51	Vaquerizo, Víctor	151, 154
Uchiyama, Katsufumi	105	Valderrabano, Victor	58, 68, 98, 115, 129, 130	Vaquero, Javier	172
Udaka, Jun	168			Vaquero Martín, Javier	42, 43
Ueda, Yusuke	44				
Ueno, Yutaka	168				

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Varanda, Pedro	162	Villalon, Ignacio	42	Wallace, Angus	157
Varga, Peter	40	Villanueva Martínez, Manuel	42, 43, 172	Wallace, David	158
Varmarken, Jens-Erik	126	Villar, Richard	49, 60, 75, 167	Wall, Alun	66, 94
Varol, Ali	165	Vinayakam, Parthiban	196, 197	Walmsley, Phil	144
Vasconcelos, Wilson	78	Vincenti, M.	191	Walsh, M.	201
Veckman, Geert	78	Vintimilla, Jorge	153	Walti, Laura	98, 99
Vecsei, Vimos	198	Virolainen, Petri	169, 171	Wan, Bettina	195
Veen, Harald	76	Virotta, Giorgio	144	Wang, Joanne	174
Vega Castrillo, Aurelio	194	Viste, Anthony	148	Wang, Weije	111
Velez, Roberto	134	Vitali, Matteo	155	Wangwittayakul, Visit	183
Velkes, Steven	99, 136, 157	Vitsas, Vasilis	120	Wanivenhaus, Axel	129
Velpula, Jagan Mohana Reddy	99, 176	Vives, Ramón	167	Ward, Peter	166
Verburg, Hennie	72	Vliet Vlieland, Thea	113	Wasserman, Vincent	79, 149
Verderosa, Vincenzo	156	Vodden, Emma	69	Wassilew, Georgi	106
Verdonk, René	58, 69	Vogler, W.	160	Watanabe, Atsuya	44
Verdonschot, Nico	133	Voicu, Bogdan	143, 169	Watanabe, Eiichiro	164
Verhaar, Jan	72	von Recum, Jan	121	Watanabe, Hiroki	160
Verheyen, Cees	36	von Roth, Phillipp	94, 142, 177	Watanabe, Satoshi	44
Verlaan, Jorrit-Jan	133	von Salis-Soglio, Georg	169	Watanabe, Yasuhiko	174
Vermesan, Dinu	46, 51, 190, 196	Von Stein, Thomas	143	Waterson, Ben	90
Versteeg, Anne	133	Voorn, Veronique	113	Waters, Tim	147, 175
Verstreken, Frederik	66	Vucetic, Cedomir	73	Watson, Andrew	79
Vertuani, Simona	159	Vu Hoang, Duc	155	Watts, Adam	152
Vettorazzi, Eik	146	Vukajlovic, Bosko	142, 195	Watts, Richard	137
Veuthey, Marie	98, 99	Vukasinovic, Zoran	73, 142	Wavreille, Guillaume	154
Via-Dufresne, Octavi	115	Vyskocil, Robert	147	Wazir, Akhlaq	141
Viana-López, Ramón	144	Vyskocil, Tomáš	109, 138, 160	W-Dahl, Annette	45, 111
Viberg, Bjarke	108			Webb, Jason	105
Vicente, Milena	50	W		Webb, Mark	50, 79, 189
Vicenti, Giovanni	121	Wada, Hiroshi	168, 170, 174	Weber, Christian	104, 114, 158
Viçoso, Sofia	59, 177	Wada, Takahiko	172	Weber, Patrick	77, 181
Victor, Jan	34, 88, 251	Wada, Yuichi	44	Wedin, Rikard	89
Vidal Tarrascón, Nuria	70, 154, 157	Waddell, James	61, 120, 124, 125, 167, 174	Weening, Alexander	66
Vidal Tarrasón, Nuria	152	Wadia, Farokh	81	Weerasuriya, Thisara	42, 163
Videla, Sebastià	175	Wagner, Christof	109	Weerdesteyn, Vivian	133
Vides, Manuel	196	Wagner, Daniel	82	Weger, Christian	134, 159, 181
Vidosavljevic, Marko	166	Wagner, Emilio	164	Wegner, Melanie	93
Vidovic, Dinko	191, 192	Wagner, Pablo	164	Weimann-Stahlschmidt, Kristina	174
Vieira, Tiago	105	Wainwright, Tom	147, 198	Weinberg, Annelie	81
Vielgut, Ines	184	Waites, Matthew	172	Weiss, Rüdiger	89
Vielpeau, Claude	107	Waizy, Hazibullah	76	Welck, Matthew	167
Vilabrú Pagès, Neus	145, 195	Wakabayashi, Hiroki	126, 171, 172, 176	Wellman, David	196
Vilà Canet, Gemma	104	Wakabayashi, Hiroyuki	145	Wells, Julie	138
Viladot Voegeli, Antonio	104	Walawski, Jacek	184	Welsh, Mark	124
Vilcelean, Marius	143, 169	Waldstein, Wenzel	105	Wendlandt, Robert	63, 190
Villa, Ángel	71	Walker, Christopher	165	Wendl, Klaus	121

Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Wendt, Klaus	68	Wilson, Scott	149	Wurnig, Christian	76, 157
Weng, Xisheng	48	Windhagen, Henning	178	Wykes, Phil	151
Wenke, Joseph	63, 143	Windhager, Reinhard	74, 98, 129, 134, 135, 143, 146	Wymenga, Ate	88
Wentink, Manon	113	Wingstrand, Hans	48	Wynn-Jones, Henry	198
Werlen, Stefan	177	Winkler, Heinz	105, 109	X	
Werner, Mathias	51	Winkler, M.	166	Xavier, Gabriel	192, 193
Wertheimer, Vjekoslav	136	Winkler, Tobias	94, 110, 142	Xenakis, Theodoros	182
Westacott, Daniel	79	Winson, Ian	109, 164	Y	
Westbrook, Anthony	108, 193	Winter, Alison	153, 158	Yaari, Lee	99, 136, 157
Westerman, Richard	140	Winther, Nikolaj	111	Yagci, Ismail	141, 189
Westhoff, Bettina	174	Wirix-Speetjens, Roel	133	Yagüe Solís, Fernando	189
Wharton, Rupert	104, 115, 184	Wirth, Thomas	37	Yalçinozan, Mehmet	137
Wheeldon, Andrew	50	Wirtz, Christian	161	Yamada, Kazuki	160
White, David	190	Wirtz, Dieter	62, 128, 129	Yamaguchi, Momoko	92, 155
Whitehouse, Mike	177	Wisiak, Ursula	139	Yamakawa, Akira	154
Whitehouse, Samantha	141	Witsø, Eivind	114	Yamamoto, Kengo	74
White, Simon	90	Witt, Johan	73, 95	Yamamoto, Koji	70
Whittingham-Jones, Paul	199	Wlk, Matthias	152, 153	Yamamoto, Norio	40, 52, 89, 133
Whitwell, Duncan	184	Wnuk, Tomasz	184	Yamamoto, Shinji	44
Wicart, Philippe	200	Wohlleb, Lisa	181	Yamamoto, Takeaki	105
Wichlas, Florian	142	Wohlrab, David	111, 129	Yamamura, Mitsuyoshi	169, 170
Wiegand, Norbert	137, 198	Wöhrle, Heidrun	152	Yamanaka, Hajime	138
Wienroth, Matthias	137	Wójcik, Krzysztof	137	Yamashita, Toshihiko	44
Wierusz-Kozłowska, Malgorzata	43, 168	Wolek, Ryan	167	Yamaura, Ichiro	148
Wiese, Martin	192	Wolf, Harald	198	Yamazaki, Masashi	44, 136
Wieser, Karl	134	Wolf, Matthias	143, 181	Yáñez, Federico	39, 81
Wiewiorski, Martin	98, 115, 129	Wolf, Rainer	201	Yáñez Siller, Federico	145
Wiewiowski, Martin	62	Wolf, Sebastian	101	Yang, Guang	61
Wigley, James	82	Wolny, Martin	97	Yang, Jae-Hyuk	120, 182
Wiig, Ola	199	Wong, Amanda	173	Yang, Jae Jun	182
Wilde, Erik	136	Wong, Christian	101, 201	Yang, Zixian	155
Wild, Stefan	148	Wong, Fabian	142, 166	Yanik, Hakan	156, 164
Williams, Joy	195	Woodacre, Timothy	79, 200	Yan, Le-Ping	130
Wilisch-Neumann, Annette	139	Wood, Martin	202	Yarlagadda, Rathan	182, 187
Wilkes, Richard	145, 147	Woods, David	114	Yasui, Tetsuro	129
Wilkinson, Johanna	104	Wood, Thomas	144	Yasukatu, Matsubara	192
Wilkinson, Mark	48, 111	Woolf, Anthony	123, 131	Yates, Edward	141
Willers, Reinhart	174	Woo, Young-Ok	120	Yazici, Muharrem	58, 97, 112
Willett, Keith	76, 130	Wozniak, Andrew	75	Yazicioglu, Onder	48
Williams, Andy	78	Wretenberg, Per	173	Yel, Mustafa	185
Williams, Daniel	122	Wright, John	188	Yeoh, Clarence	159
Williams, Lisa	166	Wright, Thomas	35	Yeoman, Thomas	163
Williams, Rhys	189	Wrotniak, Maciej	108, 159	Yeo, Seng-Jin	121, 139, 185
Willis-Owen, Charles	127	Wu, Kun-Chi	190	Yepez, Anthony	177
Wilson, Adrian	45	Wu, Po-Kuei	135		
Wilson, Helen	123				

Index of authors

NAME	PAGE
Yew, Andy	121
Yewlett, Alun	189
Yildiran, Alisan	73
Yildirim, Timur	149
Yildiz, Cemil	133
Yildiz, Fatih	48, 64
Yildiz, Vahit	101, 124, 156
Yildiz, Yusuf	51, 135
Yilmaz, Baris	81
Yilmazlar, Aysun	147
Yoh, Yoshinobu	95
Yokosuka, Kimiaki	192
Yokoyama, Ayako	65
Yonenobu, Kazuo	154
Yonetani, Yasukazu	181
Yoo, Hyun Seong	173
Yoo, Jae Doo	185
Yoo, Je-Hyun	146
Yoo, Jeong Joon	62, 107, 120, 130, 146
Yoon, Jong-Pil	46, 187
Yoon, Jung-Ro	120
Yoon, Kang Sup	120
Yoon, Pil Whan	120
Yoo, Seong-Ho	77, 181
Yordanov, Tsvetoslav	168
Yoshida, Kakunoshin	126, 171, 172, 176
Yoshida, Masahiro	160
Yoshihira, Tetsuo	164
Yoshikawa, Eiichiro	144
Yoshioka, Tomokazu	44, 136
Yoshiya, Shinichi	94, 183
Yoshizawa, Tomohiro	168, 174
Younger, Victoria	127, 140, 141, 176, 185, 195
Young, J.	174
Young, Peter	108
Yousofi, Thamina	189
Yousri, Taher	121
Yücel, Mehmet	164
Yuguero, Mariano	156

Z	
Zabala, Santiago	165
Zacherl, Max	159
Zadoroznijs, Sergejs	95
Zaffagnini, Stefano	47, 78, 83, 138, 149

NAME	PAGE
Zafiropoulos, George	179
Zagorac, Slavisa	128, 160, 192
Zagra, Luigi Massimo	89, 254
Zahn, Helmut	180
Zahra, Amr	83
Zammit, Sharon	186
Zamora, Eduardo	188
Zampelakis, Nikolaos	61
Zanotti, Gerardo	67, 169
Zappa, Marco Antonio	169
Zazgyva, Ancuta	142, 178
Zebolds, Silvestris	170
Zeh, Alexander	129
Zeldin, Roseann	163
Zelei, Tamás	92
Zelic, Zoran	136, 162
Zerahn, Bo	170
Zerbi, Alberto	97
Zettl, Ralph	156
Zhai, Jiliang	48
Zidrou, Christiana	82, 146
Ziebarth, Kai	201
Zikmund, Aleš	145
Zimmermann, Dorith	173
Ziólkowska, Agnieszka	43
Zivkovic, Zorica	142
Zorzi, Claudio	64
Zubairy, Aamir	192
Zuckerman, Joseph	35
Zuh, Sandor-Gyorgy	142, 178
Zulj, Boris	162
Zurmühle, Corinne	66
Zuurmond, Rutger	34
Zwickl, Hannes	97
Zwicky, Lukas	115

NAME	PAGE
------	------

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Session Title	Organisers/Moderators	Society	Room	Time
5 June 2013				
The osteoporotic tsunami: Trends in geriatric fracture prevention and fixation	Blauth, Michael	● DePuy Synthes & Eli Lilly	Florence	13.00-14.30
Cement Session – Contemporary Techniques Modern infection management in Joint Arthroplasty	Townsend, R.	● Biomet	Munich	13.00-14.30
Open tibia fractures: Reducing the frequency of revisions	Alt, Volker	● Medtronic	Nice	13.00-14.30
Treatment of high energy injuries – Key priorities for intervention	Nayagam, Selvadurai	● Orthofix	Vienna	13.00-14.30
Journey “Normal is Exceptional”	Victor, Jan	● Smith & Nephew	Madrid	13.00-14.30
Periprosthetic fractures solutions – a result of 10 years NCB evolution		● Zimmer GmbH	Lisbon	13.00-14.30
Balancing evidence and innovation in THA	Gie, Graham	● Stryker	Helsinki	13.00-14.30
6 June 2013				
Optimys® short stem – First clinical results	Pfeil, Joachim / Siebert, Werner	● Mathys	Helsinki	12.30-14.00
Simplifying your hip revision practice	Haddad, Fares / Tözün, Ismail Remzi	● Smith & Nephew	Barcelona	12.30-14.00
Patient's needs & Health Economics. Do short stem philosophies have a positive impact?	Jerosch, Jörg / Ullmark, Gösta	● Limacorporate	Vienna	12.30-14.00
Experience that counts... Insights from the use of rivaroxaban in routine clinical practice	Turpie, Alexander / Haas, Sylvia	● Bayer Healthcare	Lisbon	12.30-14.00
Practical guidance and real-world experience with novel oral anticoagulants: Optimizing use in orthopaedic practice	Eriksson, Bengt	● Boehringer Ingelheim	Florence	12.30-14.00
Revision Hip – Infection & Complication		● Zimmer GmbH	Munich	12.30-14.00
Knee Session – Innovative Solutions with Multiple Options for Success: Proven Technologies Meets Future Patient Solutions		● Biomet	Madrid	12.30-14.00
Dual mobility: A 35 years french experience		● Groupe Lepine	Nice	12.30-14.00

7 June 2013

Hip Session - Exception and 2U – Always Ready to Go: The World's first Primary Hip Single Use Instrumentation Platform		● Biomet	Madrid	12.30–14.00
Incisional negative pressure wound therapy: When to use it, how to use it?	Giannini, Sandro	● Smith & Nephew	Vienna	12.30–14.00
Ealy intervention + innovation in Knee & Shoulder Arthroplasty	Ilker, Cetin	● Zimmer GmbH	Lisbon	12.30–14.00
The MACI® implant – Setting new standards in cartilage repair	Bozkurt, Murat	● Sanofi	Florence	12.30–14.00

13:00 – 14:30

Biomet



Hip

INDUSTRY
SYMPOSIA
13.00-14.30

CEMENT SESSION – CONTEMPORARY REVISION TECHNIQUES:
MODERN INFECTION MANAGEMENT IN JOINT ARTHROPLASTY

Room Munich

Diagnostics and Treatment of Infection from a Microbiologist's Perspective
Speaker: Townsend, R. (United Kingdom)

Solutions in Infection Treatment: One-Stage vs. Two-Stage Treatment,
Speaker: Romanò, Carlo Luca (Italy)

Two-Stage Revision Treatment Using NEW Modular Hip Spacers, Stage One Select
Speaker: Romanò, Carlo Luca (Italy)

Infection Treatment in Knee Arthroplasty
Speaker: Bozkurt, Murat (Turkey)

Stryker



Hip

INDUSTRY
SYMPOSIA
13.00-14.30

BALANCING EVIDENCE AND INNOVATION IN THA
Moderator: Gie, Graham (United Kingdom)

Room Helsinki

Speaker: Gie, Graham (United Kingdom)

Speaker: Howell, Jonathan (United Kingdom)

Zimmer GmbH



Polytrauma/Pelvis

INDUSTRY
SYMPOSIA
13.00-14.30

PERIPROSTHETIC FRACTURES SOLUTIONS – A RESULT OF 10 YEARS
NCB EVOLUTION

Room Lisbon

Welcome and introduction

Concept of Evolution of the NCB Technology
Speaker: Biberthaler, Peter

Minimally Invasive Periprosthetic Fractures treatment around the knee
Speaker: Ruchholz, Steffen

Management of PP hip fractures
Speaker: Flécher, Xavier

13:00 – 14:30

DePuy Synthes & Eli Lilly



Osteoporosis

INDUSTRY SYMPOSIA THE OSTEOPOROTIC TSUNAMI: TRENDS IN GERIATRIC FRACTURE PREVENTION AND FIXATION Room Florence

13.00–14.30 Moderator: Blauth, Michael (Austria)

The holistic care approach for osteoporotic fracture patients in 2013 – The orthopaedics point of view
Speaker: Mayr, Edgar (Germany)

Medical treatment in osteoporosis. Treatment algorithm for osteoporosis
Speaker: Blauth, Michael (Austria)

Medtronic



Trauma lower limb

INDUSTRY SYMPOSIA OPEN TIBIA FRACTURES: REDUCING THE FREQUENCY OF REVISIONS Room Nice

13.00–14.30

Clinical rationale of using rhBMP-2 in open tibia fracture management
Speaker: Alt, Volker (Germany)

Orthofix



Trauma lower limb

INDUSTRY SYMPOSIA TREATMENT OF HIGH ENERGY INJURIES – KEY PRIORITIES FOR INTERVENTION Room Vienna

13.00–14.30

Pelvis: Case scenarios
Speaker: Templeman, David C. (United States)

Open tibial injuries: Case scenarios
Speaker: Gordon, Wade T. (United States)

Smith & Nephew



Sports / Knee soft-tissue

INDUSTRY SYMPOSIA JOURNEY "NORMAL IS EXCEPTIONAL" Room Madrid

13.00–14.30

Welcome
Speaker: Victor, Jan (Belgium)

Why is Smith&Nephew launching a new journey knee?
Speaker: Tarry, Simon (United Kingdom)

My personal vision around the future of TKR
Speaker: Victor, Jan (Belgium)

Journey II CR – Replicating kinematics while preserving ligaments
Speaker: Franz, Alois (Germany)

12:30 – 14:00

Zimmer GmbH



Hip		
INDUSTRY SYMPOSIA	REVISION HIP – INFECTION & COMPLICATION	Room Munich
12.30–14.00	Welcome and introduction How to diagnose infection? Speaker: Gherk, Thorsten (Germany) Massive bone loss deficiencies in femoral revisions Speaker: Mantkelow, Andrew (United Kingdom) Massive bone loss deficiencies in acetabular revisions Speaker: Flécher, Xavier (France)	

Smith & Nephew



Hip		
INDUSTRY SYMPOSIA	SIMPLIFYING YOUR HIP REVISION PRACTICE	Room Barcelona
12.30–14.00	Moderators: Haddad, Fares (United Kingdom), Tözün, Ismail Remzi (Turkey) Introducing Redapt: The solution for unmet needs in femoral revision Speaker: Haddad, Fares (United Kingdom) Polarcup, a versatile solution in hip revision surgery Speaker: Fiquet, Arnaud (France) Verilast: Don't neglect the bearing Speaker: Davis, Edward (United Kingdom) Dealing with bone defects in revision surgery with structure Speaker: Parratte, Sébastien (United States) Complex cases in revision THR Speaker: Tözün, Ismail Remzi (Turkey) Case study discussion: What would you do?	

Mathys



Hip		
INDUSTRY SYMPOSIA	OPTIMYS® SHORT STEM – FIRST CLINICAL RESULTS	Room Helsinki
12.30–14.00	Moderators: Pfeil, Joachim (Germany), Siebert, Werner (Germany) Optimys® design & biomechanics Speaker: Siebert, Werner (Germany) Preoperative planning of Optimys® Speaker: Rehbein, Philipp (Germany) Reconstruction of the center rotation and offset with a newly designed anatomic, bone sparing short stem in Total Hip Arthroplasty. Preliminary data of 162 patients. Speaker: Helmy, Naeder (Switzerland)	

Industry Symposia

Thursday 6 June

12:30 – 14:00

2-year results of a cementless short stem
Speaker: Mai, Sabine (Germany)

Simultaneous hip replacement – A prospective clinical study of 54 patients using Optimys® short stem
Speaker: Pfeil, Joachim (Germany)

Bayer HealthCare



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA EXPERIENCE THAT COUNTS... INSIGHTS FROM THE USE OF RIVAROXABAN IN ROUTINE CLINICAL PRACTICE Room Lisbon

12.30–14.00 Moderators: Turpie, Alexander (Canada), Haas, Sylvia (Germany)

Welcome and introduction
Speaker: Turpie, Alexander (Canada)

Experience from XAMOS: What can we learn about thromboprophylaxis and anaesthesia?
Speaker: Haas, Sylvia (Germany)

Experience from XAMOS: What can we learn about thromboprophylaxis after fractures?
Speaker: Lassen, Michael Rud (Denmark)

Sharing experience... Discussing aspects of practical use of the new oral anticoagulants
Speaker: Turpie, Alexander (Canada)

Reflections and conclusions
Speaker: Haas, Sylvia (Germany)

Boehringer Ingelheim



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA PRACTICAL GUIDANCE AND REAL-WORLD EXPERIENCE WITH NOVEL ORAL ANTICOAGULANTS: OPTIMIZING USE IN ORTHOPAEDIC PRACTICE Room Florence

12.30–14.00 Moderator: Eriksson, Bengt (Sweden)

Introduction and welcome
Speaker: Eriksson, Bengt (Sweden)

Safeguarding against primary VTE: How can we optimise the use of NOACS in clinical practice?
Speaker: Rosencher, Nadia (France)

Peri-procedural protection with dabigatran etexilate: Managing anticoagulation across multiple indications
Speaker: Kyrle, Paul (Austria)

Groupe Lepine

Hip

INDUSTRY SYMPOSIA DUAL MOBILITY: A 35 YEARS FRENCH EXPERIENCE Room Nice

12.30–14.00

The key to ensure primary stability
Speaker: Hernigou, Philippe (France)

Dislocation : The main adverse event in THA
Speaker: Prudhon, Jean Lous (France)

Dual mobility : History, concept & clinical outcomes
Speaker: Ferreira, André (France)

Industry Symposia

Thursday 6 June

12:30 – 14:00

Quattro VPS : The answer you need
Speaker: Aslanian, Thierry (France)

A Colombian experience
Speaker: Perez Torres, Javier (Colombia)

Limacorporate



Hip

INDUSTRY SYMPOSIA	PATIENT'S NEEDS & HEALTH ECONOMICS. DO SHORT STEM PHILOSOPHIES HAVE A POSITIVE IMPACT?	Room Vienna
12.30-14.00	Moderators: Jerosch, Jörg (Germany), Ullmark, Gösta (Sweden)	
	Evolving hip patient demographics related to Health Economics. Does early intervention result in real advantages? Speaker: Smith, Evert (United Kingdom)	
	Total Hip Arthroplasty in younger patients. What are the key factors for fast recovery; implant or approach? Speaker: Michel, Markus (Switzerland)	
	Short stems in the modern patient. Which philosophy and when to use it? Speaker: Falez, Francesco (Italy)	
	MINIMA system. Answering to the modern trends in Total Hip Arthroplasty Speaker: Zagra, Luigi Massimo (Italy)	

Biomet



Knee osseous

INDUSTRY SYMPOSIA	KNEE SESSION – INNOVATIVE SOLUTIONS WITH MULTIPLE OPTIONS FOR SUCCESS: PROVEN TECHNOLOGIES MEETS FUTURE PATIENT SOLUTIONS	Room Madrid
12.15-13.45		
	Perfect Surgery Without Pain. Management Leads to Unhappy Patients Speaker: Thienpont, Emmanuel (Belgium)	
	The Facts After Our First 1000 Cementless Oxford Implantations Speaker: Murray, David (United Kingdom)	
	Current Treatment Options in the Oxford Speaker: Dodd, Christopher (United Kingdom)	
	State of the Art in Revision Knee Surgery Using Patient Specific Guides Speaker: Kort, N. (Netherlands)	

12:30 – 14:00

Zimmer GmbH



Polytrauma/Pelvis

INDUSTRY SYMPOSIA	EARLY INTERVENTION & INNOVATION IN KNEE AND SHOULDER ARTHROPLASTY	Room Lisbon
12.30-14.00	Moderator: Ilker, Cetin	

Welcome and Introduction

State of the art in partial knee arthroplasty (ZUK + PFJ)

Speaker: London, Nick (United Kingdom)

New approaches in unicompartmental knee arthroplasty (PSI)

Bone preserving and early intervention in shoulder arthroplasty

Speaker: Parratte, Sebastien (France)

SANOFI



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA	THE MACI® IMPLANT – SETTING NEW STANDARDS IN CARTILAGE REPAIR	Room Florence
12.30-14.00	Moderator: Bozkurt, Murat (Turkey)	

Evolving clinical and regulatory standards in cartilage repair

Speaker: Bozkurt, Murat (Turkey)

Results of SUMMIT: MACI® implant vs microfracture, a prospective reandomised controlled study

Speaker: Price, Andrew (United Kingdom)

Evolving standards in the manufacturing of cell-based therapies

Speaker: Duguay, Steohen (United States)

Smith & Nephew



Trauma lower limb

INDUSTRY SYMPOSIA	INCISIONAL NEGATIVE PRESSURE WOUND THERAPY: WHEN TO USE IT, HOW TO USE IT?	Room Vienna
12.30-14.00	Moderator: Giannini, Sandro (Italy)	

The use of NPWT on surgical incisions: An emerging indication

Speaker: Giannini, Sandro (Italy)

Current thoughts on the mechanism of action of NPWT in surgical incisions: The role of seroma and haematoma reduction, wound healing acceleration and oedema reduction

Speaker: Brem, Mathias (Germany)

Negative pressure wound therapy for incisional wounds following revision hip and knee arthroplasty – A better way of achieving predictable wound healing?

Speaker: Karlakki, Sudheer (United Kingdom)

Industry Symposia
Friday 7 June

12:30 – 14:00

Biomet



Hip		
INDUSTRY SYMPOSIA 12.30-14.00	HIP SESSION – EXCEPTION AND 2U – ALWAYS READY TO GO: THE WORLD'S FIRST PRIMARY HIP SINGLE USE INSTRUMENTATION PLATFORM	Room Madrid
Welcome and Introduction Speaker: Peersman, G. (Belgium)		
Why Exception - Design Rationale Speaker: Lantuejoul, J-P (France)		
Why a Disposable Instrument System? Speaker: TBC		
Early Clinical Experience, Speaker: Peersman, G. (Belgium)		

Exhibitors List

EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE
7S MEDICAL AG	A38	EUROCOATING/SURFACE DYNAMICS	A69	MEDTRONIC	B23/24	- SBOT	A88A
AAP IMPLANTATE AG	A37	EUROPEAN HIP SOCIETY - EHS	A82	MEDTRONIC KANGHUI MEDICAL	A43	SOFCOT	A78A
ACF MEDIKAL ÜRÜNLER MAKINA		EUROS	C06	MERETE MEDICAL GMBH	C43A	SONOMA ORTHOPEDIC	
SAN. TIC. LTD. STI.	A53	EUROSPINE	A78B	MIKAI	A11	PRODUCTS, INC	C45B
ACUMED	A39	EVOLUTIS	A61	MOBELIFE	C07	SPINAL NEWS	A86
ADLER ORTHO SRL	A56/57	EWMA EUROPEAN WOUND		MUSCULOSKELETAL		SPRINGER-VERLAG GMBH	A33
AKRUS	A30	MANAGEMENT ASSOCIATION	A81	TRANSPLANT FOUNDATION	B02	STANMORE IMPLANTS	C26
AMERICAN ACADEMY OF		EXACTECH	B25	NEWCLIP TECHNICS	C08	STEMCUP MEDICAL	
ORTHOPAEDIC SURGEONS - AAOS	A79	EXTREMITY MEDICAL LLC	A17	NORM MEDICAL PRODUCTS/		PRODUCTS AG	A70
AMPLITUDE	C24A	F. COLOMBO SRL	C15B	OTIMED	C46A	STRYKER SA	C21-23
ANTEIS S.A.	A64	FIDIA FARMACEUTICI S.P.A.	A46	NORMED MEDIZIN-TECHNIK GMBH	C41	SURGIVAL	A22
AO FOUNDATION	A02/03	FIXUS	C32	O.S.C. ORTHOPAEDIC		SUZHOU XINRONG BEST	
ARTHROCARE	C38C	FORTE FEDERATION OF ORTHO-		SOLUTIONS CENTER	A40	MEDICAL INSTRUMENT CO., LTD	C02A
ARTHROSURFACE, INC	C45A	PAEDIC TRAINEES IN EUROPE	A80	OLIGA LTD.	A51A	SUZHOU YOUTEBETTER MEDICAL	
B. BRAUN AESCULAP	B16	FX SOLUTIONS	A65	OLYMPUS BIOTECH		APPARATUS CO. LTD	A27
BAUERFEIND AG	A72	G-21 S.R.L.	C16A	INTERNATIONAL	A31	TAKIRON	C43B
BAUMER S.A.	A35	GEXFIX	A28/29	OMEGA ORTOPEDIK		TASARIMMED	A58
BAYER HEALTHCARE	B09-11	GROUPE LEPINE	C42	SIS. PAZ. SAN. VE TIC. A.Ş.	A50A	TAVA SURGICAL	A25
BEIJING AKEC MEDICAL CO., LTD.	C38A	GRUPPO BIOIMPIANTI	C24	ONBONE OY	A60	TECRES SPA	C19/20
BEIJING FULE SCIENCE & TECHNOLOGY		HANSBIOMED CORP.	C16B	ORTHOFIX	C40	TEKNIMED SAS	C01A
DEVELOPMENT CO., LTD	C05A	HEALTH-JOY MEDICAL	C12	ORTHOPAEDICS TODAY EUROPE	A84	THE BONE & JOINT JOURNAL	
BIOMET	B21	HERAEUS MEDICAL GMBH	B12	ORTHOSOLUTIONS	A74	(FORMERLY KNOWN AS JBJS (BR)	A87
BIORETEC LTD.	C17	HIP INTERNATIONAL	A82	ORTHOVIEW	A21	THE KOREAN ORTHOPAEDIC	
BLUE BELT TECHNOLOGIES, INC	C15A	HIPOKRAT A.Ş	C29	ORTIZ MEDICAL	C03A	ASSOCIATION	A77A
BOEHRINGER INGELHEIM	B17	IMEDICOM CO., LTD.	A45	OSTEOMED	A49	THEIA MOIRA	A85
BRAINLAB	B20	IMPLANTCAST GMBH	B13	PERMEDICA SPA	A47/48	THI TOTAL HEALTHCARE	
C2F IMPLANTS	A41	INION	B26	PLANMED OY	A71B	INNOVATION GMBH	A52
CARBOFIX ORTHOPEDICS LTD.	C04B	INTELLIGENT ORTHOPAEDICS LTD	A13	RESPONSE ORTHO LLC.	C18	TIPMED MEDICAL DEVICE	
CERAMTEC GMBH	B07/08	INTERNATIONAL CARTILAGE		RUDOLF MEDICAL	C14	MANUFACTURING CO., LTD.	A62
CERAVER	C27	REPAIR SOCIETY - ICRS	A83	S.B.M.	C24B	TIPSAN A.Ş.	A05
CHM SP. ZO.O.	C11	INTRAUMA	C05B	SANATMETAL LTD.	C32-35	TORNIER	A51B
CHUNLIZHENGDA MEDICAL		IRENE	B26	SANOFI BIOSURGERY	A42	TOTBID TURKISH SOCIETY	
INSTRUMENTS CO. LTD.	A63A	JIANGSU BAIDE MEDICAL		SANOVEL ILAC	A15	OF ORTHOPEDICS AND	
CITIEFFE	A59	INSTRUMENT CO., LTD	C30B	SAWBONES WORLDWIDE	A07	TRAUMATOLOGY	A89
CLEAN MEDICAL	C01B	JOINED ORTHOPAEDIC INNO-		SCAFFDEX	A19	TRB CHEMEDICA	C44
CONDOR GMBH	A50B	VATORS NETHERLANDS (JOINT)	A36	SCANDINAVIAN CUSTOMIZED		TRIMED BIOTECH	A16
CORENTEC CO., LTD	A54/55	KINAMED INC.	C38B	PROSTHESIS SCP	A32	TST	C36
COVISION ORTHOPAEDICS	C37	KÖNIGSEE IMPLANTATE GMBH	A63B	SCIVISION BIOTECH INC.	A23	TURKISH AIRLINES INC.	B11A
CROMA-PHARMA GMBH	C28	LCA PHARMACEUTICAL	A44	SERF - DEDIENNE SANTE	A66	UNITED ORTHOPEDIC	
DE SOUTTER MEDICAL LTD	A76	LEXI	A06	SHANGHAI BOJIN	B26	CORPORATION	C31
DEPUY SYNTHES	B22	LIBEIER ORTHOPAEDICS	C04A	SHANGHAI XINSHENG		WHALE IMAGING	C21A
DFINE EUROPE GMBH	B05	LIMACORPORATE	C09	PHOTOELECTRIC TECHNOLOGY		WISEPRESS	A13A
DJO GLOBAL	A18	LINK	C25	CO. LTD.	A71A	WRIGHT MEDICAL	C46
DOPA ILAC SAN.TIC.LTD.STI.	C30A	LITOS GMBH	A75	SHARMA PHARMACEUTICAL		ZIEHM IMAGING GMBH	A01
DOT GMBH	A34	MATHYS AG BETTLACH	B14/15	PVT. LTD.	A14	ZIMED MEDICAL	A20
EFORT	B03/04	MDT INT'L SA	C47	SICOT	A33D	ZIMMER GMBH	B18/19
ELECTRO MEDICAL SYSTEMS	A24	MEDACTA INTERNATIONAL	B01	SLAOT-FEDERATION	A88B		
ELİT METALURJİ	C02B	MEDARTIS	A68	SMITH & NEPHEW			
EORS (EUROPEAN ORTHOPAEDIC		MEDECINS SANS FRONTIERES	A90	ORTHOPAEDICS AG	C10		
RESEARCH SOCIETY)	A77B	MEDGAL SP. ZO.O.	C03B	SOCIEDADE BRASILEIRA			
EOS IMAGING	B06	MEDICALEX	C13	DE ORTOPEDIA E TRAUMATOLOGIA			

Exhibition Floor Plan

Level B5

A



Level B5

B

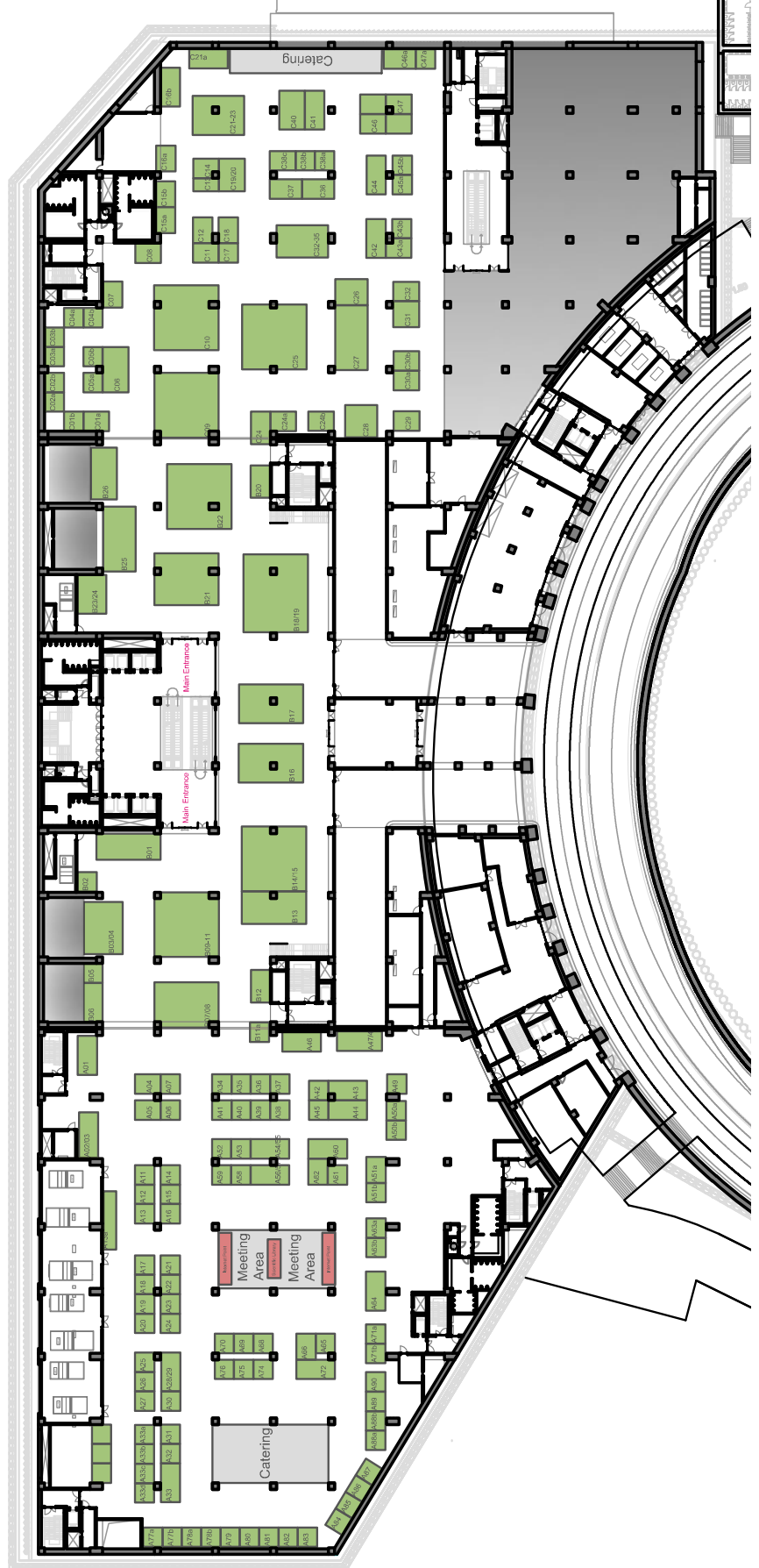


Level B5

C



Overview A, B, C



General Congress Information



Congress venue	Location	Istanbul Congress Center Taşkışla - ICC
	Address	Street Harbiye 34367 Istanbul/Turkey
	Phone	+90 212 373 99 00
	Fax	+90 212 373 99 43
	Internet	www.iccistanbul.com

General Organisation	Office	EFORT Head Office
	Address	ZA La Pièce 21180 Rolle/Switzerland
	Phone	+41 (21) 343 4400
	Fax	+41 (21) 343 4411
	E-mail	event@efort.org
	Internet	www.efort.org

Registration desk and slide preview centre opening hours	Tuesday, 04 June	from 14.00 to 18.00
	Wednesday, 05 June	from 07.00 to 18.00
	Thursday, 06 June	from 07.00 to 18.00
	Friday, 07 June	from 07.00 to 18.00
	Saturday, 08 June	from 07.00 to 12.00

Registration fee for participants includes	Admission to scientific sessions and industry symposia
	Congress bag with Congress documents
	Opening / Award Ceremony and Welcome Reception
	European CME credits
	Certificate of attendance

Registration fee for participants in the CRC includes	Admission to the full-day CRC course on 6 June (approx. 08.00 – 17.00)
	Admission to the industry exhibition (day of CRC course only)
	Lunch package
	European CME credits
	Certificate of attendance
Participants with a CRC ticket are not granted access to other scientific sessions running on the same day.	
More details at: www.efort.org/istanbul2013/CRC	

Registration fee for accompanying persons includes	Opening / Award Ceremony and Welcome Reception
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Registration fee does not include

Lunch and refreshments
Hotel costs
Optional tours

Abstracts

The abstracts are available on EFORTnet, the new Orthopaedics & Traumatology Community Platform. www.efort.org

Badges

All participants and accompanying persons will receive a name badge at the registration desk in the foyer of the ICC Istanbul. The badge is the official conference ID and should be worn at all times in order to gain entry to the meeting rooms and exhibition halls. A participant badge grants entry to the various elements of the scientific programme. Admission to the Congress will not be allowed without badge identification. Vouchers for courses and workshops that have been booked in advance will be handed out with the registration material. Each participant is asked to check when they receive their congress materials that all of the vouchers for the services they have booked are present. Later objections will not be accepted. These vouchers allow the participant to attend courses and workshops that have been booked and paid for in addition to the registration fee. Only participants who have registered for the Congress or paid for a day ticket may participate in courses or workshops. Please note that lost or forgotten vouchers will not be refunded. A day pass will be issued for EUR 20 if a badge is forgotten. Lost badges will be reissued for a handling and production fee of EUR 30. Your badge will feature a barcode containing your full address and e-mail. It is your decision whether or not you wish to disclose these details to exhibitors via barcode scanner.

Bank services

Banking hours: Monday-Friday 09.00 to 12.30 and 13.30 to 17.30. All banks are closed at weekends and on public holidays. Banks at airports, ports and shopping malls are generally open longer. There are plenty of currency exchange offices and banks at which to change your money into Turkish lira (TRY). There are also some places which accept EUR or USD for shopping. We nonetheless recommend that you change your money into TRY.
EUR 1 = TRY 2.34 (April 2013) USD 1 = TRY 1.80 (April 2013)

Certificate of attendance

All registered attendees, whether they register in advance or on site, will receive a certificate of attendance with their congress material. The certificate will be available for download on the EFORTnet platform after the Congress.

Certificate of European CME credits

The certificate of European CME credits will automatically be available online for download. Full Congress attendance entitles the participant to 21 European CME Credits (ECMECs).

Climate

The average temperature in June is around 25°C (73.4°F).

Cloakroom and storage	A cloakroom and luggage deposit located at the main entrance will be available during the official Congress schedule. The congress centre and the organisers are not responsible for any items lost or left behind.
Congress app	Download the Congress programme to your mobile device (iPhone , Android). You will be able to view the day-by-day programme, select sessions and create your own agenda. Just download the "EFORT 2013" app from the Apple App Store or Android App Market.
Congress registration	Registration is only valid if the complete fee and charges for other services have been paid in full. Registration on site is possible during the entire Congress within registration desk opening hours. Only credit cards and cash payment will be accepted for on-site registration. Valid proof of status must be presented on site when registering at lower rates.
Congress language	The language spoken in Turkey is Turkish. English is the official language of the meeting. There will be no translation.
Currency & credit cards	The currency in Turkey is the Turkish Lira, TRY. A currency conversion tool can be found online at www.oanda.com . Commonly-accepted credit cards in hotels, restaurants and shops are Visa and MasterCard. Restaurants and shops generally display signs indicating which cards they accept.
Electricity	The normal electric current in Turkey is 220 V AC / 50 Hz. Two-pin plugs and sockets are used so travellers using other systems should bring in their own adapters or transformers for electrical appliances such as hairdryers and shavers.
First aid	A first aid room is available at the congress centre. Please ask any staff member for help in case of need, or call: • Fire: 110 • Police: 155 • Ambulance: 112 • Coastguard: 158
Food and refreshments	Lunch and refreshments are not included in the registration fee. You can buy lunch and refreshments in several catering areas within the industry exhibition on level B5.
Industry exhibition	The industry exhibition is open to pharmaceutical companies, manufacturers of medical and surgical equipment and software, and scientific publishers. The industry exhibition is located at the Istanbul Congress Center on level B5 and will be open from 5 June to 7 June 2013, according to the session timetable.

General Congress Information

Industry exhibition opening hours	Wednesday, 5 June from 09.00 to 17.30 Thursday, 6 June from 09.00 to 17.30 Friday, 7 June from 09.00 to 16.00
Insurance	The organisers are not responsible for individual medical, travel or personal insurance. Participants and accompanying persons should arrange their own cover.
Internet connections	Workstations with an internet connection will be available during the Congress opening hours. Participants are kindly requested to limit internet usage to five minutes to allow as many participants as possible to use this service.
Liability disclaimer	The organisers cannot be held liable for any hindrance or disruption of Congress proceedings arising from political, social or economic events or any other unforeseen incidents beyond their control. The organisers will accept no liability for any personal injuries sustained or for loss or damage to property belonging to Congress participants, either during or as a result of the Congress or during any and all tours and events. With their registration, participants agree to be bound by these conditions.
Lost and found	For lost and found items, please refer to the cloakroom on site.
Speaker preview Centre in the Tophane Hall	All session rooms are equipped with computer projection. Speakers are asked to hand in their presentations for a media check at least three hours before their speech. Speakers giving presentations in the first time slot in the morning are asked to hand in their slides the day before. The Tophane Hall is located on Level B1.
Speaker preview Centre opening hours	Tuesday, 4 June from 14.00 to 18.00 Wednesday, 5 June from 07.00 to 18.00 Thursday, 6 June from 07.00 to 18.00 Friday, 7 June from 07.00 to 18.00 Saturday, 8 June from 07.00 to 11.00
Message board	There will be a message board close to the registration desk where participants can leave messages.
Mobile phones	Mobile phones are strictly prohibited during all scientific sessions.
No-smoking policy	Smoking is strictly prohibited during all meetings and sessions and in exhibition halls at all times.
Posters	Scientific posters will be displayed in the exhibition area on the mezzanine level. Posters may be set up according to the schedule that has been communicated to you prior to the congress. For questions please ask the poster help desk in the poster area. Posters should be removed on Saturday, 8 June between 10.00 and 12.00 (latest). Posters not removed at this time will be discarded.
Prayer Room	A prayer room is at your disposition on Level B3 in room Bayan Mescid.

General Congress Information

Registration on site

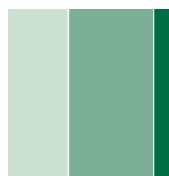
Shopping hours

The registration and information desks will be located in the main entrance hall.

Shops are open between 10.00 and 18.00 on weekdays and weekends. Shops in the city centre have extended opening hours. The main shopping streets in the centre of Istanbul are Nisantasi, Bagdat Street, and Istiklal Street. There are also numerous shopping malls all around the city that are open between 10.00 – 22.00 every day.

Time zone

Istanbul is in the Eastern European time zone (EET), which is three hours ahead of Greenwich Mean Time during summer time.

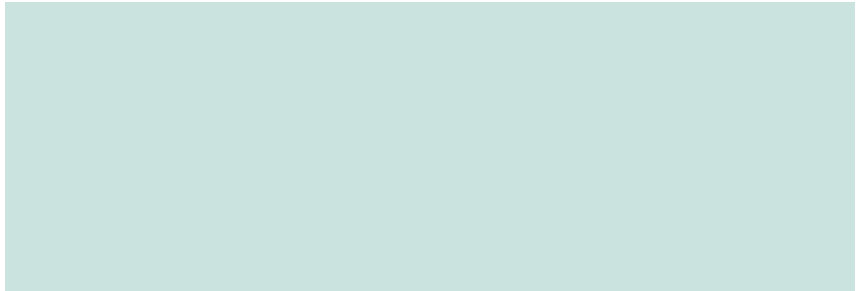


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About Istanbul



Located in the centre of the old world, this exotic city is famous for its historical monuments and scenic views. It is the only city in the world which spreads over two continents – Asia and Europe – which are separated by the narrow strait of the Bosphorus.

With a population of around 13 million, Istanbul is the third most crowded city in the world after Mumbai and Mexico. This historic city is situated on a peninsula flanked on three sides by the Sea of Marmara, the Bosphorus and the Golden Horn. The European side of Istanbul is known as Thrace, and the Asian side Anatolia. The city has 39 districts making up the metropolitan municipality.



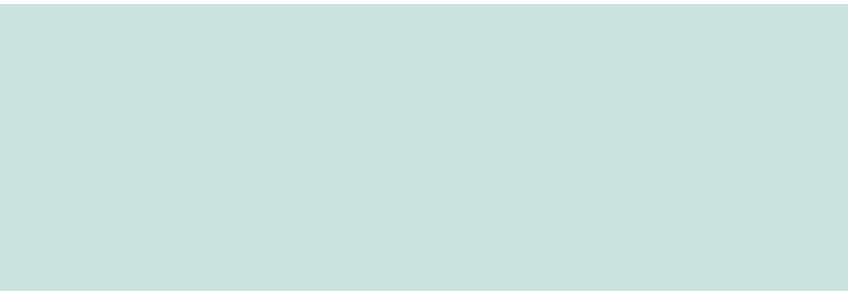
Istanbul is adorned with the masterpieces of Turkish art, the great mosques of the sultans that crown the hills. The city presents an exquisite, majestic and serene silhouette from all directions. The Golden Horn, which is a very secure natural harbour, has played a significant role in the development of the city.

Even if you spend only a short time in Istanbul, you can still see much of its great heritage. Although renowned for its mystery and history, Istanbul is also a rapidly modernising city with a prime location – one foot in Europe and one in the Middle East. Thus Istanbul retains its fascinating differences and contradictions. Mosques coexist with churches, and remains from the Roman Empire still stand alongside ancient Hittite and Neolithic sites.



Its variety is one of Istanbul's greatest attractions. The ancient mosques, palaces, museums and bazaars reflect the city's diverse history. The thriving shopping area of Taksim buzzes with life and entertainment. And the quiet beauty of the Istanbul Strait, Princes' Islands and parks bring a touch of peace to the otherwise chaotic metropolis.

Useful link: www.visitistanbul.org



Istanbul

Istanbul has a good public transportation network of buses, trams and underground trains. The congress venue is located in the heart of the city's business and cultural centre, allowing delegates easy access to municipal, domestic and international transportation networks.

Congress venue

Location	Istanbul Congress Center – ICC
Address	Taşkışla Street, Harbiye 34367, Istanbul/ Turkey
Phone	+90 212 373 99 00
Fax	+90 212 373 99 43
Internet	www.iccistanbul.com

Taxis

In Istanbul, taxis are yellow and are very easy to obtain either by stopping those on the streets, or by requesting one through the hotel/congress centre concierges. The meter in the car applies and charges are in TRY. Please note that credit cards cannot yet be used in all taxis.

Public transport

Public transport in Istanbul is efficient, convenient and safe, with its broad choice of options, but it can be very difficult to navigate if you do not know the language. We therefore suggest you use taxis, as they are very economically priced compared with most European cities.

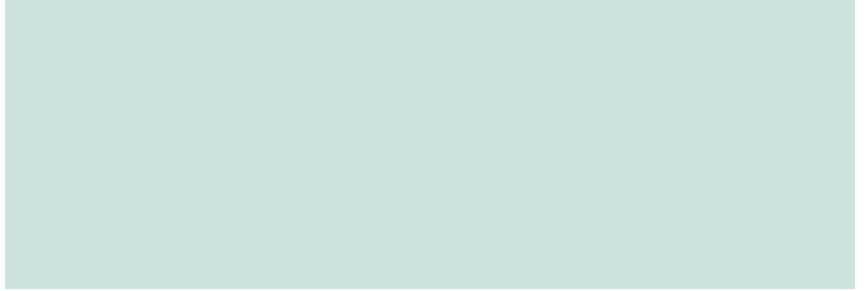
Travel to the Istanbul Congress Center

The Istanbul Congress Center is located close to the city-centre Taksim Square in the Harbiye area, and benefits from excellent transport connections.

- 23 km / 14.3 miles from Ataturk International Airport (30 minutes by taxi)
- 5 km / 3 miles from the main Sirkeci railway station, which is the terminal for the Orient Express
- 100 m from the Harbiye bus stop on the Taksim-Sisli line
- 500 m from Taksim metro station, which is linked to the city's new underground system

How to get to the airports

Istanbul has two airports: One on the European side (Ataturk Airport) and one on the Asian side (Sabiha Gökçen Airport). Both can be used but distance-wise (airport to congress centre), we would recommend Ataturk.



Istanbul Ataturk Airport

Istanbul Ataturk Airport is located 24 km southeast of Istanbul. You can use airport buses (Havas), regular buses, taxis or the underground metro system to get into the city.

- **Airport buses:**

There are buses every hour to and from Taksim for TRY 10 (EUR 4.50 as at 15 Feb 2012).

- **Bus:**

There is direct 96 T-bus connection from Istanbul Ataturk Airport to Istanbul city centre. The journey from the airport to the central station takes about 40 minutes. The bus leaves Istanbul Ataturk Airport every 50 minutes.

- **Taxi:**

The journey will cost approximately TRY 35 to TRY 45 depending on the route the driver takes, and will last about 45 minutes. Please make sure that you agree the fare with the taxi driver before you start the journey

- **Underground/metro:**

There is an underground station at the airport. The trip to the city centre involves changing twice and costs approx. TRY 5.

Sabiha Gökçen International Airport

Sabiha Gökçen International Airport is located on the Asian coast of Istanbul, 50 km southeast of the city centre.

- **Airport buses:**

There are buses every 30 minutes to and from Taksim (central Istanbul) for TRY 13.

- **Bus:**

Buses (IETT) depart from Sabiha Gökçen Airport (SAW) to central Istanbul.

- **Taxi:**

Taxis are available outside the terminal. Fares are approximately TRY 65 – TRY 80 to the centre of Istanbul.

Istanbul Rail Network Map



Istanbul – City Map

