

12<sup>th</sup> EFORT  
Congress 2011



SESSION  
OVERVIEW



# Official Congress Programme

Copenhagen, Denmark

1-4 June 2011

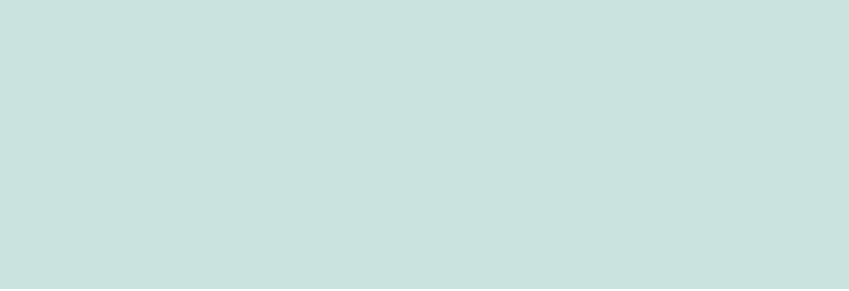
Ground floor Main Auditorium, Industry Exhibition, E-poster, Slide Preview

Rooms: Earth, Mars, Neptune 1-4

1<sup>st</sup> floor

Rooms: Jupiter 1-4, Venus 1-3

# Contents



## COLOUR GUIDE PER TOPIC

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

## SESSION OVERVIEW

Comprehensive review course	5
Controversial case discussion	5
Difficult case presentations	5
ExmEx	6
Free paper session	6
Free paper session - 3 Minutes	9
Honorary lecture	10
Instructional lecture	10
Plenary session	11
Satellite symposium	11
Specialty session	13
Symposium	14
Workshop	16

## E-POSTERS

General Orthopaedics	151
Upper Limb	171
Spine	175
Lower Limb	178
Trauma/Polytrauma	197
Paediatrics	206
Nurse	208

## INDEX

Index of authors	211
------------------	-----

## WEDNESDAY 1 JUNE 11

Programme of the day	24
----------------------	----

## THURSDAY 2 JUNE 11

Programme of the day	48
----------------------	----

## FRIDAY 3 JUNE 11

Programme of the day	80
----------------------	----

## SATURDAY 4 JUNE 11

Programme of the day	108
----------------------	-----



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## COMPREHENSIVE REVIEW COURSE

Session Title	Organisers/Moderators	Category	Room	Time
<b>3 June 2011</b>				
Comprehensive review course	Suva, Domizio	General Education	Neptune 3	08:00-18:00

## CONTROVERSIAL CASE DISCUSSION

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
How to make good results in orthopaedic surgery?	Cherubino, Paolo	General Education	Venus 1	09:00-10:30
Treatment of dislocated distal radius fractures	Abramo, Antonio	Hand and Wrist	Venus 1	14:00-15:30

### 2 June 2011

The infected mega prosthesis	Schaser, Klaus-Dieter	Infection	Venus 1	14:00-15:30
The young adult with initial hip arthritis	Leunig, Michael	Hip	Venus 1	16:00-17:30

### 3 June 2011

Visualization of spine deformities - 3D becoming a reality - the EOS system	Illés, Tamas	Spine (incl. Trauma)	Venus 1	14:00-15:30
Surgical options in degenerated lumbar spine	Caceres Palou, Enric	Spine (incl. Trauma)	Venus 1	16:00-17:30

### 4 June 2011

Management of patella dislocation	Neyret, Philippe	Trauma Lower Limb	Venus 1	10:30-12:00
Unicompartmental knee arthroplasty versus proximal tibial osteotomy	Wagner Kristensen, Per	Knee osseous	Venus 1	12:00-13:30
Anterior cruciate ligament	Valderrabano, Victor	Sports / Knee Soft-Tissue	Venus 1	13:30-15:00

## DIFFICULT CASE PRESENTATIONS

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
Hip revision surgery and complications in resurfacing hip arthroplasty	Kjaersgaard-Andersen, Per / Overgaard, Søren	Hip	Jupiter 4	14:00-16:00
<b>2 June 2011</b>				
Shoulder cases (fractures, prosthesis)	Sanderhoff Olsen, Bo / Hoffmeyer, Pierre	Shoulder / Elbow / Arm / Forearm	Jupiter 4	09:30-11:30
Trauma (fractures, non-union, deformities mm)	Schultz Larsen, Morten / Stöckle, Ulrich	Polytrauma / Pelvis	Jupiter 4	14:00-16:00

## Session Overview

## 3 June 2011

Foot and ankle (prosthesis)	Frøkjær, Johnny / Delmi, Marino	Foot / Ankle / Leg	Jupiter 4	09:00-11:00
Sports injuries in the knee (ligament, chondral lesions, osteotomies)	Lind, Martin / Neyret, Philippe	Sports / Knee Soft-Tissue	Jupiter 4	14:00-15:30

## EXMEX

Session Title	Organisers/Moderators	Category	Room	Time
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## 1 June 2011

New developments in treatment of cartilage lesions in the knee	Steinwachs, Matthias / Marcacci, Maurilio	Sports / Knee Soft-Tissue	Jupiter 3	09:00-13:30
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## 2 June 2011

Complicated primaries and revisions in THA	Macheras, George	Hip	Jupiter 3	14:00-18:00
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## 3 June 2011

Joint arthroplasty in foot and ankle (excluding TAR)	Delmi, Marino	Foot / Ankle / Leg	Venus 2	14:00-18:00
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## 4 June 2011

Forearm, wrist and hand – fracture treatment in children	Grill, Franz	Paediatrics	Jupiter 4	08:00-12:00
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## FREE PAPER SESSION

Session Title	Organisers/Moderators	Category	Room	Time
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## 1 June 2011

Hip fractures: Morbidity	Fladnose Madsen, Carsten / Thorgren, Karl-Göran	Trauma Lower Limb	Mars	09:00-10:30
Foot and ankle fractures	Frøkjær, Johnny / Geary, Nick	Foot / Ankle / Leg	Earth	09:00-10:30
Shoulder arthroplasties–reverse; registries; demographics	Vriggo Johansen, Hans / Bégué, Thierry	Shoulder / Elbow / Arm / Forearm	Neptune 4	09:00-10:30
Total knee replacement and knee navigation	Kärholm, Johan / Furnes, Ove	Knee osseous	Neptune 1	09:00-10:30
Miscellaneous	Gottlieb, Hans / Albert, John	General Orthopaedic / Complications / Basic Science / Technology	Venus 2	09:00-11:00
Deformity and fractures	Caceres Palou, Enric / Gehrchen, Martin	Spine (incl. Trauma)	Venus 3	10:30-12:00
Shoulder and clavícula	Gebhard, Florian / Frich, Lars Henrik	Trauma Upper Limb	Neptune 4	14:00-15:30
Clinical outcome after THA	Garellick, Göran / Karachalios, Theofilos	Hip	Neptune 1	14:00-15:30
Reconstructive techniques in bone tumours	Mørk Petersen, Michael / Szendroi, Miklós	Bone and Joint Tumours	Neptune 4	16:00-18:00

## FREE PAPER SESSION

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
Particles / implant fixation	Grimm, Bernd / Aspenberg, Per	General Orthopaedic / Complications / Basic Science / Technology	Venus 2	16:00-18:00
Proximal humeral fractures	Sanderhoff Olsen, Bo / Hoffmeyer, Pierre	Trauma Upper Limb	Mars	16:00-18:00
Ankle pathologies	Van Dijk, C. Niek / Calder, James	Foot / Ankle / Leg	Earth	16:00-18:00
Paediatric hip and spine	Krauspe, Rüdiger / Engell, Wilhelm	Paediatrics	Neptune 1	16:00-18:00
<b>2 June 2011</b>				
Hip fractures and prosthesis	Garnavos, Christos / Virolainen, Petri	Trauma Lower Limb	Venus 1	08:00-09:30
Physical function and outcome in lower limb surgery	Delaunay, Christian / Palm, Henrik	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 4	08:00-09:30
Paediatric Trauma and Deformity Correction	Rahbek, Ole / Lascombes, Pierre	Paediatrics	Neptune 1	08:00-09:30
Resurfacing	Perka, Carsten / Ostergaard, Jeanette Penny	Hip	Main Auditorium	09:00-10:30
Local infiltration anaesthesia for surgery in larger joints	Williams, Andy / Husted, Henrik	Pain control / Rehabilitation and Non-Surgical Management	Neptune 2	09:30-10:30
Hip fractures 1	Rogmark, Cecilia / Leunig, Michael	Hip	Venus 1	09:30-11:00
Hallux valgus	Kofoed, Hakon / Richter, Martinus	Foot / Ankle / Leg	Mars	10:00-10:30
Fusion/ non-fusion techniques	Dahl, Benny / Illés, Tamas	Spine (incl. Trauma)	Venus 3	10:30-11:30
Miscellaneous	Besse, Jean-Luc / Symeonidis, Panagiotis	Foot / Ankle / Leg	Venus 1	11:00-12:00
Prognostic factors in bone sarcoma	Hansen, Bjarne Hauge / Cannon, Steve	Bone and Joint Tumours	Neptune 3	14:00-15:30
Miscellaneous	Haddad, Fares / Herberts, Peter	Hip	Neptune 2	14:00-15:30
Meniscus/patello femoral	Kelberine, François / Krogsgaard, Michael	Sports / Knee Soft-Tissue	Venus 2	16:00-17:30
Hip fractures 2	Duus, Benn Ronnow / Stöckle, Ulrich	Trauma Lower Limb	Neptune 3	16:00-17:30
Paediatric foot, patient's and parent's satisfaction	Grill, Franz / Hindso, Klaus	Paediatrics	Neptune 1	16:00-17:30
Total knee arthroplasty and outcome	Sur, Hakki / Toksvig-Larsen, Søren	Knee osseous	Neptune 4	16:00-17:30
Tendons and ligaments	Viladot Voegeli, Antonio / Badekas, Thanos	Foot / Ankle / Leg	Mars	16:30-17:30

## Session Overview

## 3 June 2011

ACL reconstruction	Lind, Martin / Seil, Romain	Sports / Knee Soft-Tissue	Jupiter 3	08:00-09:30
Treatment options in pelvic fractures	Schultz Larsen, Morten / Peter, Robin	Polytrauma / Pelvis	Earth	08:00-09:30
Health economy and outcome	Franke, Jörg / Gehrchen, Martin	Spine (incl. Trauma)	Neptune 4	09:30-11:00
Osteoporosis in spine and hip surgery	Lauritzen, Jes Bruun / Dreinhöfer, Karsten	Osteoporosis	Neptune 1	10:30-12:00
Hand surgery in Dupuytren's disease carpal tunnel syndrom and scapholunate instability	Möger, Claus / Ceruso, Massimo	Hand and Wrist	Venus 3	10:30-12:00
Diseases in the forefoot	Knessl, Jürg / Barouk, Pierre	Foot / Ankle / Leg	Venus 2	10:30-12:00
Revision surgery	Macheras, George / Bannister, Gordon	Hip	Mars	10:30-12:00
Outcomes / revision ACL / PCL	Djian, Patrick / Seil, Romain	Sports / Knee Soft-Tissue	Jupiter 3	14:00-15:30
Difficult cases in hand surgery	Dahlin, Lars / Kopylov, Philippe	Hand and Wrist	Venus 3	14:00-15:30
Efficient management of pelvic trauma	Martson, Aare / Bel, Jean-Christophe	Polytrauma / Pelvis	Earth	14:00-15:30
Miscellaneous	Salo, Guillem / Caceres Palou, Enric	Spine (incl. Trauma)	Neptune 4	14:00-15:30
Femoralacetabular impingement and it's consequences to cartilage damage	Siebenrock, Klaus A. / Overgaard, Søren	Hip	Main Auditorium	14:00-15:30
Technique / device	Rochweger, Alexandre / Ovesen, Ole	Hip	Main Auditorium	16:00-18:00
Bone grafting / tissue engineering	Ding, Ming / Ruggieri, Pietro	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 3	16:00-17:30
Distal radius fractures	Schultz Larsen, Morten / Massin, Philippe	Trauma Upper Limb	Venus 3	16:00-17:30
Vertebro and kyphoplasty	Fritzell, Peter / Bégué, Thierry	Spine (incl. Trauma)	Neptune 4	16:00-17:00
From the bench to the operation room	Atalar, Ata Can / Salomonsson, Björn	Shoulder / Elbow / Arm / Forearm	Earth	16:00-18:00

## 4 June 2011

Nordic Best Paper 2010	Bünger, Cody Eric / Lind, Martin		Venus 1	08:00-09:30
Hip fractures and shaft fractures	Eckardt, Henrik / Frich, Lars Henrik	Trauma Lower Limb	Venus 2	08:00-09:30
Different aspects in diagnosing and judging orthopaedic cases	Candrian, Christian / Borris, Lars	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 1	08:00-09:30
Long term outcomes after THA	Tabutin, Jacques / Kjaersgaard-Andersen, Per	Hip	Mars	08:00-09:30
Total knee arthroplasty	Otte, Kristian / Verdonk, Peter	Knee osseous	Venus 3	08:00-09:30
Sports Injuries in Lower Extremity	Sarimo, Janne / Orava, Sakari	Sports / Knee Soft-Tissue	Venus 1	09:30-10:30

## 4 June 2011

Pain and fast track joint replacement	Husted, Henrik / Thorngren, Karl-Göran	Pain control / Rehabilitation and Non-Surgical Management	Jupiter 1	09:30-10:30
Pelvic and spinal reconstruction in orthopaedic oncology	Leithner, Andreas / Wirtz, Dieter	Bone and Joint Tumours	Main Auditorium	09:30-10:30
Fractures in the hand	Leicht, Pernille	Trauma Upper Limb	Venus 2	09:30-10:30
What is new?	Atalar, Ata Can / Lund Jensen, Steen	Shoulder / Elbow / Arm / Forearm	Earth	09:30-10:30
Management of osteomyelitis and septic arthritis	Borens, Olivier	Infection	Mars	10:30-12:00
Knee navigation and surgical technique	Emmeluth, Claus / Massin, Philippe	General Orthopaedic / Complications / Basic Science / Technology	Venus 3	10:30-12:00
Leg and ankle	Muñoz Vives, Josep Maria / Kold, Søren	Trauma Lower Limb	Jupiter 3	12:00-13:30
Peri-prosthetic infection	Stockley, Ian / Kirketerp-Møller, Klaus	Infection	Mars	12:00-13:00
Wear related problems following hip resurfacing	Zagra, Luigi / Ten Broeke, Rene	Hip	Jupiter 1	12:00-13:30
Knee cartilage and necrosis	Massin, Philippe	Knee osseous	Venus 3	12:00-13:30
Surgical prophylaxis	Holmberg Jorgensen, Peter / Bégué, Thierry	Infection	Mars	13:00-14:00
Lesions around the elbow	Candrian, Christian / Eckardt, Henrik	Trauma Upper Limb	Venus 2	13:30-14:30
Instability and cuff tear	Meyer, Dominik / Soler, Francesco	Shoulder / Elbow / Arm / Forearm	Earth	13:30-15:00
Total knee arthroplasty outcome and survival	Robertsson, Otto / Neyret, Philippe	Knee osseous	Venus 3	13:30-15:00
Acetabular orientation and its effects on dislocation	Thorstensson, Carina / Soeballe, Kjeld	Hip	Jupiter 1	13:30-15:00

## FREE PAPER SESSION – 3 MINUTES

Session Title	Organisers/Moderators	Category	Room	Time
<b>2 June 2011</b>				
Evaluation of wear in different concepts of THA	Hendrich, Christian / Solgaard, Søren	Tribology	Earth	08:00-09:30
THA short presentations	Babis, George / Flivik, Gunnar	Hip	Venus 2	08:00-09:30
Unicompartmental knee arthroplasty, total knee arthroplasty and tibial osteotomy	Odgaard, Anders / Nelissen, Rob	Knee osseous	Venus 2	10:30-12:00
Clinical outcome in THA and in TKA wear	Kärrholm, Johan / Zagra, Luigi	Tribology	Earth	16:30-17:30

## 4 June 2011

Transfusion, DVT and haemostatics	Borris, Lars / Ding, Ming	General Orthopaedic / Complications / Basic Science / Technology	Main Auditorium	13:30-15:00
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# Session Overview

## HONORARY LECTURE

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
Mike Freeman Honorary Lecture: Ten-year follow-up of a rotating-plate posterior-stabilized knee design	Ranawat, Chitranjan Szendrői, Miklós	General Orthopaedic / Complications / Basic Science / Technology	Main Auditorium	12:00-12:30

### 2 June 2011

Erwin Morscher Honorary Lecture: Hip dysplasia - a problem solved?	Benson, Michael Szendrői, Miklós	General Orthopaedic / Complications / Basic Science / Technology	Main Auditorium	12:00-12:30
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## INSTRUCTIONAL LECTURES

Session Title	Lecturers	Category	Room	Time
<b>2 June 2011</b>				
Hip pain in the young adult	Siebenrock, Klaus A.	Hip	Main Auditorium	08:00-09:00
Bearing surfaces	Karachalios, Theofilos	Hip	Earth	09:30-10:30
The battered child	Holger Hansen, Steen	Paediatrics	Neptune 1	09:30-10:30
Cartilage-forming Bone Tumours	Taminiau, Antoine	Bone and Joint Tumours	Neptune 3	09:30-10:30
Spine injury - polytrauma management	Dahl, Benny	Spine (incl. Trauma)	Venus 3	09:30-10:30
Epidemiology and variability of orthopaedic procedures across EU	Pina, Fatima	General Orthopaedic / Complications / Basic Science / Technology	Neptune 4	09:30-10:30
The Uni-Knee-Indications and Recent Techniques	Neyret, Philippe	Knee osseous	Venus 2	09:30-10:30

### 3 June 2011

The Reverse Shoulder Prosthesis	Torrens, Carlos	Shoulder / Elbow / Arm / Forearm	Venus 1	09:30-10:30
Surgical management of tuberculosis of the spine	Alanay, Ahmet	Spine (incl. Trauma)	Neptune 1	09:30-10:30
Management of pelvic fractures	Giannoudis, Peter	Polytrauma / Pelvis	Earth	09:30-10:30
Imaging modalities. Clinical application in orthopaedics	Mamisch, Charles	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 3	09:30-10:30
Scaphoid fractures	Dias, Joseph J.	Hand and Wrist	Venus 3	09:30-10:30
Bone loss around the acetabular component	Howell, Jonathan	Hip	Neptune 2	09:30-10:30



## 3 June 2011

Osteotomies around the knee	Hofmann, Siegfried	Knee osseous	Main Auditorium	09:30-10:30
Surgical treatment of calcaneal fractures	Cohen, Zvi	Foot / Ankle / Leg	Venus 2	09:30-10:30

## 4 June 2011

Nosocomial infections: Diagnosis and management in prosthetic joint infections	Trampuz, Andrej	Infection	Mars	09:30-10:30
Bone Substitutes in Clinical Work	Salo, Jari	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 2	09:30-10:30
Forefoot deformities	Schneider, Wolfgang	Foot / Ankle / Leg	Jupiter 3	09:30-10:30
TKA for the stiff Knee	Massin, Philippe	Knee osseous	Venus 3	09:30-10:30

## PLENARY SESSION

Session Title	Organisers/Moderators	Category	Room	Time
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### 1 June 2011

Cellular therapy – PRP in bone healing	Kvalheim, Gunnar / Orozco, Lluís	General Orthopaedic / Complications / Basic Science / Technology	Main Auditorium	10:30-12:00
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### 2 June 2011

The use of registries in clinical practice to improve treatments	Böhler, Nikolaus / Overgaard, Søren	General Orthopaedic / Complications / Basic Science / Technology	Main Auditorium	10:30-12:00
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### 3 June 2011

Fast track treatment and rehabilitation in orthopaedic surgery	Kjaersgaard-Andersen, Per	Pain control / Rehabilitation and Non-Surgical Management	Main Auditorium	10:30-12:00
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## SATELLITE SYMPOSIUM

Session Title	Chairs	Company	Room	Time
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### 1 June 2011

Knees: Triathlon® Custom Fit Knee® featuring ShapeMatch® Technology from OtisMed – European Experience	Catani, Fabio	Stryker	Venus 2	12:30-14:00
Signature Vanguard: Personalised Patient Care: Surgeon designed, patient matched		BIOMET	Neptune 2	12:30-14:00
Trauma/Extremity – "New Affixus Proximal Femoral Nail"		DePuy EMEA	Mars	12:30-14:00
Bone healing and Grafting Technologies: Just the Facts	Bégué, Thierry	Medtronic	Neptune 1	12:30-14:00

## Session Overview

## SATELLITE SYMPOSIUM

Session Title	Chairs	Company	Room	Time
<b>1 June 2011</b>				
Negative Pressure Wound Therapy: clinical consensus and technology innovation	Malmsjo, Malin	Smith & Nephew Orthopaedics AG	Venus 3	12:30-14:00
Bone Regeneration & Repair		Stryker SA	Neptune 4	12:30-14:00
New Technologies For Femoral Nailing and Peri-Prosthetic Fracture Fixation		Zimmer GmbH	Venus 1	12:30-14:00
The right dressing does make a difference	Gotschalk, Tina	ConvaTec Inc.	Neptune 3	12:30-13:10
Pain Management within Orthopaedic Patients	Hansen, Ole Bo	Grünenthal Denmark ApS	Neptune 3	13:10-13:50
<b>2 June 2011</b>				
Rivaroxaban... Oral, Once daily, in Orthopaedic Practice ...Experience that counts	Borris, Lars / Mouret, Patrick	Bayer HealthCare	Neptune 2	12:30-14:00
Global Tissue Sparing: A new standard for hip stems		BIOMET	Main Auditorium	12:30-14:00
VTE Prevention in Major Orthopaedic Surgery: Impact of Most Recent Advances on Joint Surgery Outcomes	Lassen, Michael-Rud / Romano Carlo	Bristol-Myers Squibb Pfizer LTD	Neptune 1	12:30-14:00
Customised Patient Solutions		DePuy EMEA	Neptune 4	12:30-14:00
The value of NPWT in Traumatology and Orthopedic surgery; Recent developments	Willy, Christian	KCI Europe	Jupiter 3	12:30-14:00
Trabecular Titanium™. What bone really wants to be next to	Mittelmeier, Wolfram	Lima Corporate	Mars	12:30-14:00
From Technology to Clinical Performance	Señaris Rodriguez, José / Knahr, Karl	Mathys Ltd.	Neptune 3	12:30-14:00
3D LIVE SURGERY: MyKnee® patient matched technology and GMK® Total Knee Replacement	Koch, Peter	Medacta International	Venus 2	12:30-14:00
New frontiers in Hip and Knee Tribology: VITÆ (Vitamin-E stabilized crosslinked UHMWPE)	Zagra, Luigi / Kjaersgaard-Andersen, Per	SAMO	Earth	12:30-14:00
THE HIP - Proven Performance Meets Continuous Innovation	Falez, Francesco	Smith & Nephew Orthopaedics AG	Venus 1	12:30-14:00
PFNA Augmentation - Addressing the Challenges in Proximal Femoral Fractures	Blauth, Michael	Synthes	Jupiter 4	12:30-14:00
Offset, Stability, Alignment and Wear in THR - How can we get them all right?	Kesteris, Uldis	Zimmer GmbH	Venus 3	12:30-14:00

## 3 June 2011

Accelerating patient recovery in THA		BIOMET	Earth	12:30-14:00
Join the RE-VOLUTION®: Changing practice in total hip and knee arthroplasty	Eriksson, Bengt	Boehringer Ingelheim	Neptune 2	12:30-14:00
Surgical Site Infection in Total Hip & Knee Arthroplasty	Argenson, Jean-Noël	ConvaTec	Jupiter 4	12:30-14:00
Hips – “25 Years Of Corail®: Past, Present and Future”		DePuy EMEA	Mars	12:30-14:00
Opening up the debate on Dupuytren's contracture: New advances in treatment	Kjaersgaard-Andersen, Per / Szabo, Zsolt	Pfizer LTD	Venus 3	12:30-14:00
THE KNEE – Proven Performance meets continuous Innovation	Saris, Daniel / Van Hellemond, Gijs	Smith & Nephew Orthopaedics AG	Neptune 4	12:30-14:00
Achieving optimal outcomes in TKA – Solutions for Alignment	Schröder, Henrik	Zimmer GmbH	Venus 2	12:30-14:00
Improving quality of care while reducing costs: The Rapid Recovery programme		BIOMET	Venus 1	12:30-14:00
Large Head THA: What are the options?	Tracol, Philip / Markel, David	Stryker SA	Main Auditorium	12:30-14:00

## SPECIALTY SESSION

Session Title	Organisers/Moderators	Society	Room	Time
<b>1 June 2011</b>				
AC Joint management in athletes	Fialka, Christian / Gleyze, Pascal	ESSKA	Neptune 2	09:00-10:30
The severe immature spinal deformity – fusion versus growth instrumentation	Møller Madsen, Bjarne	NOF	Venus 3	09:00-10:30
Nurse day: Update on scientific nursing, workshops/poster-viewing	Hommel, Ami	ICONS	Neptune 3	09:00-18:00
CC on the use of PRP in sports injury	Menetrey, Jacques / Engebretsen, Lars	ESSKA	Neptune 2	14:00-15:30
AOSpine Thoracolumbar spine trauma	Fruensgaard, Soeren	AOSpine	Venus 3	14:00-15:30
Updates on treating medial knee injuries: It's just not the MCL	Engebretsen, Lars	ESSKA	Neptune 2	16:00-18:00
Adult deformity	Pellisè, Ferran	EUROSPINE	Venus 3	16:00-18:00
What not to miss in wrist trauma: Carpal ligaments and bones – small and insignificant for real orthopaedic surgeons?	Schwind, Frederic / Egelund, Dorthe / Møger, Claus	FESSH	Jupiter 3	16:00-18:00

## 2 June 2011

Basics on Hallux Valgus	Magnan, Bruno / Delmi, Marino	EFAS	Mars	08:00-10:00
Watersport injuries and shoulder problems	Carmont, Mike / Papadopoulos, Pericles / Hackney, Roger	EFOST	Jupiter 3	08:00-10:30

# Session Overview

## 2 June 2011

Advanced techniques on Tendons Pathologies	Louwerens, Jan Willem / Tourné, Yves	EFAS	Mars	14:00-16:30
An update for residents and trainees in orthopaedic surgery	Guryel, Enis	FORTE	Jupiter 1	14:00-17:00
ARTOF symposium: Upper extremity trauma update	Biberthaler, Peter	ARTOF	Venus 3	14:00-17:30
Recent research in TKA	Gomez-Barrena, Enrique	EORS	Jupiter 4	16:00-18:00

## 3 June 2011

Management of early and chronic Implant-associated infections	Wagner, Christof / Macheras, George	EHS/EBJIS	Mars	08:00-10:30
Management of lesions adjacent to joint and growth plates	Lascombes, Pierre / Krauspe, Rüdiger	EPOS	Neptune 2	14:00-18:00
Special issues on infections of implants	Kirketerp-Møller, Klaus / Zagra, Luigi	EHS/EBJIS	Mars	14:00-15:30
How to write a clinical paper, how to prepare a research paper, how to review a paper	Scott, James	JBJS	Mars	16:00-17:30

## 4 June 2011

Problem wounds - a multidisciplinary challenge	Moore, Zena	EWMA	Jupiter 3	08:00-09:30
Pelvic ring injuries and controversies	Giannoudis, Peter	ESPA	Venus 2	10:30-12:00
The rotator cuff deficient shoulder	Nelissen, Rob	ERASS	Earth	10:30-13:30
Fractures with soft tissue injury	Marzi, Ingo / Rommens, Pol	ESTES	Venus 2	12:00-13:30
Minimally Invasive spinal surgery in spinal disorders. State of the art	Menchetti, Pier Paolo	ISLASS	Jupiter 2	12:00-13:30
Venous thromboembolism in Orthopaedic Surgery	Lassen, Michael / Dahl, Ola	ISTF	Main Auditorium	12:00-13:30

## SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
The future for resurfacing THA: Pro's and con's	Delaunay, Christian	Hip	Main Auditorium	09:00-10:30
Athletic injuries of the foot and ankle	Van Dijk, C. Niek	Foot / Ankle / Leg	Earth	14:00-15:30
Limb reconstruction in severe injuries	Catagni, Maurizio	Polytrauma / Pelvis	Mars	14:00-15:30
Choice of prosthetic concept in the young versus elderly THA patients	Knahr, Karl	Hip	Main Auditorium	14:00-15:30
EU political symposium - Musculoskeletal conditions and active ageing in the EU	Puhl, Wolfhart	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 3	14:00-15:30

## SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
<b>1 June 2011</b>				
Sustainable research funding How to secure resources and obtain grants for the early-career clinical researcher	Svenningsen, Olaf	General Education	Venus 2	14:00-15:30
Total hip and knee replacement: Treatment of periprosthetic fractures	Stöckle, Ulrich	Trauma Lower Limb	Venus 1	16:00-18:00
<b>2 June 2011</b>				
Long term results with endoprosthesis and allograft reconstruction in bone tumours	Gosheger, Georg	Bone and Joint Tumours	Neptune 3	08:00-09:30
EFORT – Brazilian Society Sport injuries in high level athletes	Cassiano Neves, Manuel / Neyret, Philippe	General Education	Venus 3	08:00-09:30
Orthopaedic and traumatologic surgery in conflict and post – conflict settings	Ciritsis, Bernhard	General Orthopaedic / Complications / Basic Science / Technology	Neptune 4	08:00-09:30
Current concepts in intraoperative and postoperative pain management after major orthopaedic surgery	Kjaersgaard-Andersen, Per	Pain control / Rehabilitation and Non-Surgical Management	Neptune 2	08:00-09:30
How to decide on the optimal treatment for articular cartilage defects?	Almqvist, Karl Fredrik	Knee osseous	Venus 2	14:00-15:30
Approach to multiple-ligament knee injuries	Engebretsen, Lars	Sports / Knee Soft-Tissue	Neptune 4	14:00-15:30
Quality of scientific literature, confounders and bias factors in a worldwide comparative assessment	Labek, Gerold / Böhler, Nikolaus	General Education	Main Auditorium	14:00-15:30
Current concepts on treatment of early degenerative joint arthritis	Marcacci, Maurilio / Verdonk, René	Sports / Knee Soft-Tissue	Neptune 1	14:00-15:30
Current data of wear performance in total hip arthroplasty	Knahr, Karl	Tribology	Earth	14:00-15:30
EFORT Fellowship	Kjaersgaard-Andersen, Per / Neyret, Philippe	General Education	Main Auditorium	16:00-17:30
Invited Guest Lectures	Knahr, Karl	Tribology	Earth	16:00-16:30
<b>3 June 2011</b>				
Current concepts for the treatment of clubfeet	Krauspe, Rüdiger	Paediatrics	Neptune 2	08:00-09:30
Complex proximal humeral fractures. What we know, where we are and where we go	Björkenheim, Jan-Magnus	Shoulder / Elbow / Arm / Forearm	Venus 1	08:00-09:30
The unstable total hip replacement	Overgaard, Søren	Hip	Main Auditorium	08:00-09:30
Ankle replacement versus ankle arthrodesis	Giannini, Sandro	Foot / Ankle / Leg	Venus 2	08:00-09:30

## Session Overview

## 3 June 2011

Complex fracture of distal part of radius	Massin, Philippe	Hand and Wrist	Venus 3	08:00-09:30
EFORT-EULAR guideline on management of the patient with fragility fracture	Dreinhöfer, Karsten / Lems, Willem	Polytrauma / Pelvis	Neptune 1	08:00-09:30
Value based health care: Health economic considerations in orthopaedic surgery	Marshall, Deborah	General Orthopaedic / Complications / Basic Science / Technology	Neptune 4	08:00-09:30
"Setting sails for a new life" - Veteran symposium	Hindsø, Klaus Warburg, Finn	Tauma Lower Limb	Earth	10:30-12:00
Proximal femur fractures in the elderly - in collaboration with the "Fragility-Fracture Network"	Lauritzen, Jes Bruun / Hoffmeyer, Pierre / Mutschler, Wolf / Puhl, Wolfhart	Polytrauma / Pelvis	Neptune 1	14:00-17:30

## 4 June 2011

Diagnosis and treatment of rotator cuff injuries	Mehmet, Dermirhan	Shoulder / Elbow / Arm / Forearm	Earth	08:00-09:30
Non-operative treatment of hip osteoarthritis	Roos, Eva	Hip	Main Auditorium	08:00-09:30
Diagnosis and treatment of muscle injuries	Orava, Sakari	Sports / Knee Soft-Tissue	Jupiter 2	10:30-12:00
Rheumatoid foot	Louwerens, Jan Willem	Foot / Ankle / Leg	Jupiter 3	10:30-12:00
Diagnosis and treatment of the infected THR	Cordero-Ampuero, José	Infection	Main Auditorium	10:30-12:00
Orthopaedics in developing countries	Wurnig, Christian / Radler, Christof	General Orthopaedic / Complications / Basic Science / Technology	Jupiter 1	10:30-12:00
Developmental dysplasia of the hip: Diagnosis and treatment	Graf, Reinhard	Paediatrics	Jupiter 4	12:00-13:30
Hip diseases during growth	Synder, Marek	Paediatrics	Jupiter 4	13:30-15:00

## WORKSHOP

Session Title	Moderator	Category	Room	Time
<b>1 June 2011</b>				
Speaker coaching workshop	Coles, Angela	General Education	Jupiter 2	09:00-13:00
Speaker coaching workshop	Coles, Angela	General Education	Jupiter 2	14:00-18:00

## 2 June 2011

Speaker coaching workshop	Coles, Angela	General Education	Jupiter 2	09:00-13:00
Speaker coaching workshop	Coles, Angela	General Education	Jupiter 2	14:00-18:00

# Wednesday 1 June

WEDNESDAY  
1 JUNE

WEDNESDAY  
1 JUNE

Room	Main Auditorium Ground Floor	Earth Ground Floor	Venus 1 1st Floor	Venus 2 1st Floor	Venus 3 1st Floor	Mars Ground Floor	Neptune 1 Exhibition Area	Neptune 2 Exhibition Area	Neptune 3 Exhibition Area	Neptune 4 Exhibition Area	Jupiter 2 1st Floor	Jupiter 3 1st Floor	Jupiter 4 1st Floor	Room
Hour	<b>Nurse Day Programme</b>													Hour
08:00														08:00
08:30														08:30
09:00	The future for resurfacing THA: Pro's and con's Hip Symposium	Foot and ankle fractures Foot / Ankle / Leg Free Paper Session	How to make good results in orthopaedic surgery? General Education Controversial Case Discussion	Miscellaneous General Orthopaedic Free Paper Session	Spinal growth instrumentation Spine (incl. Trauma) Specialty Session NOF	Hip fractures: Morbidity Trauma Lower Limb Free Paper Session	Total knee replacement and knee navigation Knee osseous Free Paper Session	AC Joint management in athletes Sports / Knee Soft-Tissue Specialty Session ESSKA	Nurse: Update on scientific nursing General Education Specialty Session ICON's	Shoulder arthroplasties- Reverse; Registries; Demographics Shoulder / Elbow / Arm / Forearm Free Paper Session	Speaker coaching workshop General Education Workshop  Registration required	New developments in treatment of cartilage lesions in the knee Sports / Knee Soft-Tissue ExMEx  Registration required		09:00
09:30														
10:00														
10:30														
10:30	Cellular therapy – PRP in bone healing General Orthopaedic Plenary Session				Deformity and fractures Spine (incl. Trauma) Free Paper Session									10:30
11:00														
11:30														11:30
12:00	Honorary Lecture	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	12:00
12:30			New Technologies For Femoral Nailing and Peri-Prosthetic Fracture Fixation Polytrauma / Pelvis Satellite Symposium Zimmer GmbH	Knees: Triathlon® Custom Fit Knee® Featuring ShapeMatch® Technology from OtisMed®, Custom Restoration of Kinematic Alignment, Knee osseous Satellite Symposium Stryker SA	Negative Pressure Wound Therapy: clinical consensus and technology innovation General Orthopaedic Satellite Symposium Smith Et Nephew Orthopaedics AG	Trauma/Extremity – "New Affixus Proximal Femoral Nail" Trauma Lower Limb Satellite Symposium DePuy EMEA	Bone healing and Grafting Technologies: Just the Facts General Orthopaedic Satellite Symposium Medtronic	Signature Vanguard: Personalised Patient Care: Surgeon designed, patient matched Knee osseous Satellite Symposium BIOMET	The right dressing does make a difference/ Satellite Symp./ ConvaTec	Bone Regeneration Et Repair Knee Osseous Satellite Symposium Stryker SA				12:30
13:00														
13:30														13:30
14:00	Choice of prosthetic concept in the young versus elderly THA patients Hip Symposium	Athletic injuries of the foot and ankle Foot / Ankle / Leg Symposium	Treatment of dislocated distal radius fractures Hand and Wrist Controversial Case Discussion	Sustainable research funding / How to secure resources and obtain grants for the early-career clinical researcher General Education Symposium	AOSpine Thoracolumbar spine trauma Spine (incl. Trauma) Specialty Session AOSpine	Limb reconstruction in severe injuries Polytrauma / Pelvis Symposium	Clinical outcome after THA Hip Free Paper Session	CC on the use of PRP in sports injury Sports / Knee Soft-Tissue Specialty Session ESSKA	ICON's Workshops / Poster Viewing	Shoulder and clavicular Trauma Upper Limb Free Paper Session	Speaker coaching workshop General Education Workshop  Registration required	EU political symposium – Musculoskeletal conditions and active ageing in the EU General Orthopaedic Symposium	Hip revision surgery and complications in resurfacing hip arthroplasty Hip Difficult Case Presentations	14:00
14:30														
15:00														
15:30	Poster Reception: Join us in the poster area during the official break											BREAK	BREAK	15:30
16:00		Ankle pathologies Foot / Ankle / Leg Free Paper Session	Total hip and knee replacement: Treatment of peri-prosthetic fractures Trauma Lower Limb Symposium	Particles / implant fixation General Orthopaedic Free Paper Session	Adult deformity Spine (incl. Trauma) Specialty Session EUROSPINE	Proximal humeral fractures Trauma Upper Limb Free Paper Session	Paediatric hip and spine Paediatrics Free Paper Session	Updates on treating medial knee injuries: It's just not the MCL Sports / Knee Soft-Tissue Specialty Session ESSKA		Reconstructive techniques in bone tumours Bone and Joint Tumours Free Paper Session		What not to miss in wrist trauma: Carpal ligaments and bones – small and insignificant for real orthopaedic surgeons? Hand and Wrist Specialty Session FESSH	16:00	
16:30														
17:00													17:00	
17:30														17:30
18:00														18:00
18:45 – 20:00 Opening Ceremony										18:45 – 20:00 Opening Ceremony				
20 Years of JOINT EFFORTS: Join us and celebrate with us! Today right after the Opening Ceremony at 20.15 in the Poster Area														

GENERAL ORTHOPAEDICS
  UPPER LIMB
  LOWER LIMB
  SPINE
  TRAUMA/POLY-TRAUMA
  PAEDIATRICS
  GENERAL EDUCATION

09:00 – 12:30

Nurse Day Programme



## ICONS

### General Education

SPECIALTY SESSION	NURSE: UPDATE ON SCIENTIFIC NURSING Organiser: Hommel, Ami (Sweden)	Room: Neptune 3
09:00-09:05	Welcome Hommel, Ami /Specht, Kirsten (Hommel, Ami /Specht, Kirsten)	
09:05-09:20	Welcome to Copenhagen Kristensen, Grete (President of Danish Nurses' Organization)	
09:20-09:40	Clinical quality in customer care Collins, Elaine (MBA RN Head of Clinical Services, Nuffield Health Bristol Hospital)	
09:40-10:00	Recognising Compartment Syndrome... Santy, Julie (Senior Lecturer, Faculty Member, Faculty of Health and Social Care University of Hull)	
10:00-10:12	Interprofessional ward round reduces length of stay in hospital in a fast track hip or knee replacement unit Pape, Britta	
10:12-10:24	A 2-week postoperative nurse consultation after total knee arthroplasty reduces knee pain after 4 months Kjaer Bredtoft, Helene	
10:24-10:36	Reasons for patients with total hip arthroplasty calling the hospital after discharge Jung Hoevsgaard, Susanne	
10:36-10:48	LEWS: A new limb observation scoring system for trauma and orthopaedic patients Brown, Lynsey	
10:48-11:00	High short term mortality after non-traumatic unilateral lower limb amputation Holm, Gitte	
11:00-11:12	Nurses practitioners better than physician in the coordination of care for patients with a hip fracture Kremers-van de Hei, Keetie	
11:12-11:24	 Gender differences in comorbidity and complications after hip fracture Samuelsson, Bodil	
11:24-11:36	A fast track for treatment of patients with a traumatic hip fracture improves quality of care Kremers-van de Hei, Keetie	
11:36-11:48	The comparison of hip fractures care in Lithuania and Sweden Valaviciene, Rasa	
11:48-12:00	Higher 30-day mortality rate for patients with hip fracture admitted to university hospitals compared to regional hospitals in Denmark Maintz, Hanne	
12:00-12:12	Fear of falling and functional outcome three and six months after a hip fracture among community-dwelling elderly Herling, Suzanne	
12:12-12:24	Nosocomial bacteremia has little clinical impact on fast-track hip fracture patients. Søe Jensen, Pia	
12:24-12:30	BREAK - Industry-Lunch-Symposium	



12:30 – 13:10

Nurse Day Programme

## ConvaTec Inc.



General Orthopaedic / Complications / Basic Science / Technology

SATELLITE  
SYMPOSIUM

THE RIGHT DRESSING DOES MAKE A DIFFERENCE

Room: Neptune 3

Chair: Gotschalk, Tina (Denmark)

ConvaTec - Strives to make a real difference  
Speaker: Hoffmann, Christoffer (Sweden)

Was there a need for a surgical cover dressing?  
Speaker: Meyer Rikardson, Niklas (Sweden)

The launch of a new surgical cover dressing. The clinical outcome  
Speaker: Gotschalk, Tina (Denmark)

13:10 – 13:50

## Grünenthal Denmark ApS



General Orthopaedic / Complications / Basic Science / Technology

SATELLITE  
SYMPOSIUM

PAIN MANAGEMENT WITHIN ORTHOPAEDIC PATIENTS

Room: Neptune 3

Chair: Hansen, Ole Bo (Denmark)

14:00 – 18:00

## ICONS



General Education

SPECIALTY SESSION

NURSE: WORKSHOPS / POSTER VIEWING

Room: Neptune 3

Organiser: Hommel, Ami (Sweden)

14:00-15:00

Workshop 1 (Group A&B)  
Convatec / Grünenthal

15:00-15:30

Poster-viewing, short presentations - 1st part

15:30-16:00

**BREAK**

16:00-17:00

Workshop 2 (Group B&A)  
Convatec / Grünenthal

17:00-17:30

Poster-viewing, short presentations - 2nd part

17:30-17:45

Questions and Answers  
All

17:45-18:00

Take home message  
Specht, Kirsten / Hommel, Ami

09:00 – 10:30

**Hip**

**SYMPOSIUM**      **THE FUTURE FOR RESURFACING THA: PRO'S AND CON'S**      **Room: Main Auditorium**  
**Organiser: Delaunay, Christian (France)**

Resurfacing works well in all designs and in all indications?  
 Speaker: De Smet, Koen (Belgium)

Hip resurfacing for very young patients: An attractive option  
 Speaker: Girard, Julien (France)

Pseudotumours: The Oxford experience  
 Speaker: Glyn-Jones, Sion (United Kingdom)

Concerns and technical problems in revision arthroplasty of failed resurfacing hips  
 Speaker: Perka, Carsten (Germany)

**Foot / Ankle / Leg**

**FREE PAPER**      **FOOT AND ANKLE FRACTURES**      **Room: Earth**  
**Moderators: Geary, Nick (United Kingdom), Frøkjær, Johnny (Denmark)**

The role of compression in ankle fracture  
 Authors: Sultan, Muhammad / Sultan, Muhammad / Fazakerley, Steven / Hodhody, Ghazal / Kurdy, Nasser / Mccollum, Charles  
 Speaker: Sultan, Muhammad (United Kingdom)

The Fibula Nail: a Case Series  
 Authors: Smith, George / Appleton, Paul / Court-Brown, Charles / Mcqueen, Margaret / White, Tim  
 Speaker: Smith, George (United Kingdom)

Comparative techniques in ankle fracture fixation – Plate osteo-synthesis versus intramedullary fibular nail.  
 Authors: Tawari, Gautam / Kakwani, Rajeshkumar / Board, Tim / Kashyap, Shankar  
 Speaker: Tawari, Gautam (United Kingdom)

Implant development optimization using a real CT bone data base for a novel distal fibular plate (Lateral VariAx Fibula Plate)  
 Authors: Schulz, Arndt / Kociz, Nina / Burgherr, Vinzenz / Homeier, Annika / Reimers, Nils / Jürgens, Christian  
 Speaker: Reimers, Nils (Germany)

Fixation of distal tibiofibular syndesmosis: A comparative study between tightrope and screw fixation.  
 Authors: Naqvi, Gohar / Cunningham, Patricia / Awan, Nasir  
 Speaker: Naqvi, Gohar (Ireland)

Complications of Tightrope versus Syndesmotic Screws in Ankle Diastasis  
 Authors: Maempel, Julian / Ward, Anthony / Chesser, Tim / Kelly, Michael  
 Speaker: Maempel, Julian (United Kingdom)

Risk factors for post-traumatic ankle osteoarthritis: A 12-22 year follow-up study  
 Authors: Lübbecke, Anne / Salvo, Davide / Holzer, Nicolas / Hoffmeyer, Pierre / Assal, Mathieu  
 Speaker: Lübbecke, Anne (Switzerland)

Osteoarthritis Following Open Reduction and Internal Fixation of the Lisfranc Injury  
 Authors: Adib, Farshad / Medadi, Firouz / Guidi, Eric / Alami Harandi, Armin / Reddy, Chandra  
 Speaker: Adib, Farshad (United States)

Percutaneous, minimal invasive Stable Fixation of Metatarsal V Avulsion and Jones Fractures  
 Authors: Friedl, Wilhelm / Wright, John  
 Speaker: Friedl, Wilhelm (Germany)

**General Education**

**CCD**      **HOW TO MAKE GOOD RESULTS IN ORTHOPAEDIC SURGERY?**      **Room: Venus 1**  
**Organiser: Cherubino, Paolo (Italy)**

Surgical techniques  
 Speaker: Perka, Carsten (Germany)

Patient choice  
 Speaker: Guerado, Enrique (Spain)

09:00 – 10:30

Orthopaedic devices choice  
Speaker: Timperley, John (United Kingdom)

NOF



Spine (incl. Trauma)

**SPECIALTY SESSION** THE SEVERE IMMATURE SPINAL DEFORMITY – FUSION VERSUS GROWTH INSTRUMENTATION **Room: Venus 3**

Moderator: Møller Madsen, Bjarne (Denmark)

Idiopathic, congenital and neuromuscular scoliosis: Complications, Evidence, Case discussion  
Speaker: Bünger, Cody Eric (Denmark)

Kyphotic deformities – Complications, Evidence, Case discussion  
Speaker: Hedlund, Rune (Sweden)

Spondylolisthesis – Complications, Evidence, Case discussions  
Speaker: Schlenzka, Dietrich (Finland)

Trauma Lower Limb

**FREE PAPER** HIP FRACTURES: MORBIDITY **Room: Mars**

Moderators: Fladmose Madsen, Carsten (Denmark), Thorngren, Karl-Göran (Sweden)

Nutritional deficiency in patients with fracture neck of femur is correlated with a higher post-operative haemoglobin drop and mortality.

Authors: Bajada, Stefan / Roberts, Gareth / Gwyn, Rhodri / Palmer, Michelle / Fanarof, Hilton / Ennis, Owain  
Speaker: Bajada, Stefan (United Kingdom)

Routine blood tests predict mortality in hip fracture patients.

Authors: Mosfeldt, Mathias / Pedersen, Ole / Jorgensen, Henrik / Ogarrio, Henning / Duus, Benn / Lauritzen, Jes Bruun  
Speaker: Mosfeldt, Mathias (Denmark)

Mortality after operation for displaced femoral neck fracture. A study from The Norwegian Hip Fracture Register of 12,313 displaced femoral neck fractures treated with two screws or a bipolar hemiarthroplasty

Authors: Vinje, Tarjei / Gjertsen, Jan-Erik / Lie, Stein / Engesaeter, Lars / Havelin, Leif / Furnes, Ove / Matre, Kjell / Fevang, Jonas  
Speaker: Vinje, Tarjei (Norway)

Clinical outcome of undisplaced femoral neck fractures. A prospective comparison of 14,757 undisplaced and displaced fractures reported to the Norwegian Hip Fracture Register.

Authors: Gjertsen, Jan-Erik / Fevang, Jonas / Vinje, Tarjei / Matre, Kjell / Engesaeter, Lars Birger  
Speaker: Gjertsen, Jan-Erik (Norway)

Mortality after operation for displaced femoral neck fracture. A study from The Norwegian Hip Fracture Register of 8,636 displaced femoral neck fractures treated with a cemented or an uncemented bipolar hemiarthroplasty

Authors: Vinje, Tarjei / Fevang, Jonas / Engesaeter, Lars / Lie, Stein / Havelin, Leif / Matre, Kjell / Gjertsen, Jan-Erik / Furnes, Ove  
Speaker: Vinje, Tarjei (Norway)

Mortality Following Proximal Femoral Fracture – the Role of the Nottingham Hip Fracture Score

Authors: Morris, Stephen / Jelski, Joseph / Alper, Jonathan / Kelly, Andrew  
Speaker: Morris, Stephen (United Kingdom)

ASA as a predictor of mortality in fractured neck of femur patients

Authors: Yates, Edward / Highton, Lyndsey / Hakim, Zuned / Woodruff, Mike  
Speaker: Yates, Edward (United Kingdom)

Geriatricians in Ortopedics – Effect on mortality in hip fracture patients

Authors: Van Der Mark, Susanne / Jauffred, Sune / Joergensen, Henrik / Riis, Troels / Ogarrio, Henning / Duus, Benn  
Speaker: Van Der Mark, Susanne (Denmark)

Medical causes of death in hip fragility fractures: mortality analysis in a primary care trauma centre

Authors: Yousri, Taher / Yichientsaia, Alice / Thyagarajen, David / Livingstone, James / Bradley, Rachel  
Speaker: Yousri, Taher (United Kingdom)

09:00 - 10:30

**Knee osseous**

**FREE PAPER TOTAL KNEE REPLACEMENT AND KNEE NAVIGATION Room: Neptune 1**

**Moderators: Kärrholm, Johan (Sweden), Furnes, Ove (Norway)**



Inferior short term outcome of 1465 computer navigated primary total knee replacements.  
A report from the Norwegian Arthroplasty Register 2005-2008

Authors: Gothesen, Oystein / Espehaug, Birgitte / Havelin, Leif / Petursson, Gunnar / Furnes, Ove  
Speaker: Gothesen, Oystein (Norway)

Randomized Prospective Study Comparing Navigated Versus Non-navigated TKA: 5-Year Follow Up

Authors: Martin, Arno / Cip, Johannes / Mayr, Eckhart / Benesch, Thomas / Waibel, Roman / Von Stempel, Archibald / Widemschek, Mark  
Speaker: Widemschek, Mark (Austria)

Electromagnetic navigation versus conventional Total Knee Arthroplasty: Clinical improvements

Authors: Blyth, Mark / Jones, Bryn / Smith, Julie / Rowe, Phil  
Speaker: Blyth, Mark (United Kingdom)

Rotational alignment of the tibial component in TKA after using the "self alignment technique": a CT-scan study

Authors: Boisrenoult, Philippe / Berhouet, Julien / Beaufilet, Philippe / Frasca, Dominique / Pujol, Nicolas  
Speaker: Berhouet, Julien (France)

The position of the centre of the femoral head relative to the pelvis: a new landmark in total knee replacement surgery

Authors: Field, Richard / Alazzawi, Sulaiman / Field, Michael / Bardakos, Nikolaos / Pinskerova, Vera / Freeman, Michael  
Speaker: Alazzawi, Sulaiman (United Kingdom)

Total knee arthroplasty in valgus knees: Is it possible to predict the indication for a constrained design regarding ligament balance?

Authors: Migaud, Henri / Amzallag, Michael / Pasquier, Gilles / Gougeon, Francois / Vasseur, Laurent / Miletic, Bruno / Girard, Julien  
Speaker: Pasquier, Gilles (France)

Two Year Functional and Clinical Results for The Legion Knee Revision System

Authors: George, Akintunde / Hassaballa, Mo / Artz, Neil / Alhammali, Tariq / Robinson, James / Porteus, Andrew / Murray, James  
Speaker: George, Akintunde (United Kingdom)

Comparison of Kinematics and Outcome after Posterior Stabilized(PS) and Highly Conforming Ultracongruent (UC) Mobile Bearing Total Knee Arthroplasty

Authors: Lee, Myung Chul / Lee, Sang Min / Seong, Sang Cheol / Lee, Sahnghoon / Jang, Jak / Lee, Joon Kyu / Shim, Sang Ho  
Speaker: Lee, Myung Chul (Korea, Republic of)

The inter- and intraindividual anatomical relationship of the femoral anteversion and distal femoral rotation. A cadaveric study on the femoral anteversion angle, posterior and inferior condylar angle using Computed Tomography

Authors: Van Der Linden - Van Der Zwaag, Henrica / Konijn, Louise / Van Der Steenhoven, Tim / Van Der Heide, Huub / Nelissen, Rob  
Speaker: Konijn, Louise (The Netherlands)

**ESSKA**



**Sports / Knee Soft-Tissue**

**SPECIALTY AC JOINT MANAGEMENT IN ATHLETES Room: Neptune 2**

**SESSION Moderators: Gleyze, Pascal (France), Fialka, Christian (Austria)**

Why athletes have problems on AC joint? Anatomy

Speaker: Brzoska, Roman (Poland)

Why athletes have problems on AC joint? Trauma: Biomechanic, trauma lignes of forces, fracture and luxation classification

Speaker: Huysmann, Pol (The Netherlands)

Fractures: Technical update, video of techniques 1

Speaker: Korolev, Andrey (Russia)



09:00 – 10:30

Fractures: Technical update, video of techniques 2  
Speaker: Senekovic, Vladimir (Slovenia)

Fractures: Comparative analysis (studies & meta analysis) Indications - The proposal of ESSKA Upper Limb Section  
Speaker: Tzanakakis, Nikos (Greece)

Luxation acute: Technical update: open conventional technique  
Speaker: Milano, Giuseppe (Italy)

Luxation acute: Technical update: Endoscopic technique no. 1  
Speaker: Gravelleau, Nicolas (France)

Luxation acute: Comparative analysis (studies & meta analysis) Indications - The proposal of ESSKA Upper Limb Section  
Speaker: Poberaj, Boris (Slovenia)

Chronic: Technical update Open conventional technique  
Speaker: Funk, Lennard (United Kingdom)

Chronic: Technical update Endoscopic technique no. 1  
Speaker: Fialka, Christian (Austria)

Chronic: Comparative analysis (studies -meta analysis) Indications - The proposal of ESSKA Upper Limb Section  
Speaker: Ladislav Kovačič (Slovenia)

Long term evolution - Degenerative AC joint: Technical update: Open technique  
Speaker: Batistella, Ferdinando (Italy)

Long term evolution - Degenerative AC joint: Technical update: Arthroscopic resection  
Speaker: Toussaint, Bruno (France)

Long term evolution - Degenerative AC joint: Comparative analysis (studies & meta analysis) Indications - The proposal of ESSKA Upper Limb Section  
Speaker: Bak, Klaus (Denmark)

### Shoulder / Elbow / Arm / Forearm

FREE PAPER

SHOULDER ARTHROPLASTIES-REVERSE; REGISTRIES; DEMOGRAPHICS

Room: Neptune 4

Moderators: Bégué, Thierry (France), Vriggo Johansen, Hans (Denmark)

Demographic data, clinical outcome and short-term survival after shoulder arthroplasty: 2320 shoulder arthroplasties reported to the Danish Shoulder Arthroplasty Register.

Authors: Rasmussen, Jeppe / Sorensen, Anne Kathrine / Olsen, Bo  
Speaker: Rasmussen, Jeppe (Denmark)

Regional body composition, bone mineral density, and clinical outcome in patients with two different shoulder arthroplasty designs.

Authors: Rasmussen, Jeppe / Zerahn, Bo / Paulsen, Anders / Andersen, Kim / Sorensen, Anne Kathrine / Olsen, Bo  
Speaker: Rasmussen, Jeppe (Denmark)

Cementless Surface Replacement Arthroplasty of the shoulder - a review of 70 cases

Authors: Petroff, Eric / Petroff, Eric / Audebert, Stephane / Delobelle, Jean Michel  
Speaker: Petroff, Eric (France)

Impact of Previous Arthroscopic Cuff Tear Reconstruction on the Outcome after Implantation of the Inverted Total Shoulder Prosthesis Delta

Authors: Sadoghi, Patrick / Vavken, Patrick / Leithner, Andreas / Müller, Peter / Hochreiter, Josef / Weber, Georg  
Speaker: Sadoghi, Patrick (Austria)

Survivorship of the reverse shoulder arthroplasties (RSA) with a minimum follow up of 10 years

Authors: Favard, Luc / Young, Allan / Alami, Ghassan / Mole, Daniel / Sirveaux, Francois / Boileau, Pascal / Walch, Gilles  
Speaker: Favard, Luc (France)

Prospective double blind randomised controlled clinical trial of the SMR reverse shoulder prosthesis comparing the eccentric to concentric 36 mm glenosphere: clinical outcome and scapular notching.

Authors: Poon, Peter / Poon, Peter / Chou, Justin  
Speaker: Poon, Peter (New Zealand)

09:00 – 10:30

Which tests in clinical examination of the shoulder are the most useful? Attitudes of Shoulder Surgeons in the UK

Authors: Jain, Neil / Jesudason, Prash / Rajpura, Asim / Muddu, Bisal / Funk, Len

Speaker: Jain, Neil (United Kingdom)

Comparison of muscles activity between empty can exercise and full can exercise using 18F-FDG PET/CT

Authors: Lee, Choon-Key / Itoi, Eiji / Kim, Seung-Jang / Lee, Jung-Sub / Jung, Kwang-Am / Lee, Su-Chan / Suh, Kuen-Tak

Speaker: Lee, Choon-Key (Korea, Republic of)

Reverse shoulder prosthesis with concentric vs eccentric glenosphere. A multicentric study.

Authors: De Biase, Carlo Felice / Gumina, Stefano / Postacchini, Roberto / Di Giorgio, Giantony

Speaker: De Biase, Carlo Felice (Italy)

09:00 – 11:00

General Orthopaedic / Complications / Basic Science / Technology

FREE PAPER

MISCELLANEOUS

Room: Venus 2

Moderators: Albert, John (United Kingdom), Gottlieb, Hans (Denmark)

Can Glucosamine protect against the toxicity of local anaesthetic solutions to human articular cartilage?

Authors: Gulihar, Abhinav / Taylor, Grahame / Hadi, Mohammed

Speaker: Gulihar, Abhinav (United Kingdom)

Electrical stimulation enhances migration and invasion of bone marrow stem cells: implications for fracture healing

Authors: Griffin, Michelle / Iqbal, Syed / Sebastian, Anil / Colthurst, James / Bayat, Ardeshir

Speaker: Griffin, Michelle (United Kingdom)

Platelet-Rich Plasma: Role in bone-patella tendon-bone graft for anterior cruciate ligament reconstruction

Authors: Raposo, Frederico / Sousa, António / Valente, Luís / Duarte, Filipe / Loureiro, Miguel / Monteiro, Eurico / São Simão, Ricardo / Moura Gonçalves, António / Pinto, Rui

Speaker: Raposo, Frederico (Portugal)

A biomechanical analysis of locking screw vs. non-locking screw fixation of distal third tibial fractures.

Authors: Upadhyay, Piyush / Beazley, James / Dunbar, Mark / Costa, Matthew

Speaker: Beazley, James (United Kingdom)

Evaluation of a measurement tool of the pronation-supination strength. Determination of the normal values within a healthy population aged 20–60 years

Authors: Fontaine, Christian / Couturier-Bariatynski, Varenka / Chantelot, Christophe / Wavreille, Guillaume

Speaker: Fontaine, Christian (France)

A novel tapered hip stem design optimized for femoral fit in a wide array of bone types.

Authors: Wuestemann, Thies / Bastian, Adam / Parvizi, Javad / Nessler, Joseph / Kolisek, Frank / Nevelos, Jim

Speaker: Wuestemann, Thies (United States)

The Experimental Study of the Efficacy of Allogeneic Platelet Gel on Surgical Wound Healing in Rats

Authors: Anghong, Chayanin / Sirimontaporn, Anchalee / Lucksanasombool, Prasit / Waikakul, Saranatra / Chunjarunee, Aporn

Speaker: Anghong, Chayanin (Thailand)

In Vivo Evaluation of the Holding Power of Degradable Magnesium Calcium Alloy Screws and Surgical Steel Screws in Rabbit Tibiae

Authors: Erdmann, Nina / Reifenrath, Janin / Angrisani, Nina / Lucas, Arne / Waizy, Hazibullah / Thorey, Fritz / Meyer-Lindenberg, Andrea

Speaker: Reifenrath, Janin (Germany)

The Need for a Bail-Out Plan: Screw Options for Osteopenic Bone

Authors: Cartner, Jacob / Hartsell, Zane / Cooper, Paul / Ricci, William / Tornetta Iii, Paul

Speaker: Cartner, Jacob (United States)

Polypropylene mesh with vancomycin to the treatment of open fracture Gustillo IIIa. Comparative experimental work in rabbits

Authors: Douglas Price, Ana / Cuestas, Nicolás / Cambiaggi, Guillermo / Vazquez, María / Caviglia, Horacio

Speaker: Douglas Price, Ana (Argentina)

Antibiotic impregnation of allograft bone and the effect on implant fixation

Authors: Barckman, Jeppe / Baas, Jorgen / Sorensen, Mette / Bechtold, Joan / Lange, Jeppe / Soballe, Kjeld

Speaker: Barckman, Jeppe (Denmark)

09:00 – 13:00

General Education

WORKSHOP

SPEAKER COACHING WORKSHOP

Room: Jupiter 2

Moderator: Coles, Angela (United Kingdom)

An opportunity for experienced speakers to reassess their oral presentation style and improve their impact on their audience. Registration required.

09:00 – 13:30

Sports / Knee Soft-Tissue

EXMEX

NEW DEVELOPMENTS IN TREATMENT OF CARTILAGE LESIONS IN THE KNEE

Room: Jupiter 3

Organisers: Steinwachs, Matthias (Switzerland), Marcacci, Maurilio (Italy)

09:00-09:10

Introduction: Joint homeostasis and cartilage repair  
Speaker: Marcacci, Maurilio (Italy)

09:10-10:10

Live surgery: Osteochondral reconstruction  
Speaker: Marcacci, Maurilio (Italy)

10:10-10:20

Discussions, questions and answers

10:20-11:20

Live surgery: Chondroplasty with bone marrow aspirat & PRP (Patella)  
Speaker: Steinwachs, Matthias (Switzerland)

11:20-11:30

Discussions, questions and answers

11:30-11:50

Video Operations / Presentation: Osteochondral plug implantation  
Speaker: Hangody, Lazlo (Hungary)

11:50-12:15

BREAK

12:15-12:25

Video Operations / Presentation: ACT with characterised chondrocytes  
Speaker: Vanlauwe, Johan (Belgium)

12:25-12:45

Video Operations / Presentation: Synthetic osteochondral plug transplantation  
Speaker: Spalding, Tim (United Kingdom)

12:45-13:00

Discussions

13:00-13:20

MRI diagnostic and follow up of cartilage repair techniques  
Speaker: Trattig, Siegfried (Austria)

13:20-13:30

Discussions and closure  
Speakers: Marcacci, Maurilio (Italy) / Steinwachs, Matthias (Switzerland)



10:30 – 12:00

General Orthopaedic / Complications / Basic Science / Technology

PLENARY  
SESSION

CELLULAR THERAPY – PRP IN BONE HEALING

Room:  
Main Auditorium

Organiser: Orozco, Lluís (Spain) Moderator: Kvalheim, Gunnar (Norway)

Term definitions and expectations on cell therapy  
Speaker: Kvalheim, Gunnar (Norway)

Cell therapy and tissue engineering legislation – European Union  
Speaker: Mainil-Varlet, Pierre (Switzerland)

Cell therapy and tissue engineering applications in bone regeneration.  
Clinical trials/ bone marrow expanded mesenchymal stem cells  
Speaker: Soler, Francesco (Spain)

Cell therapy and tissue engineering applications in bone regeneration.  
Clinical trials/ bone marrow expanded mesenchymal stem cells  
Speaker: Hauzeur, Jean-Philippe (Belgium)



10:30 – 12:00

Platelets rich plasma applications in bone regeneration  
Speaker: Anitua, Eduardo (Spain)

Spine (incl. Trauma)

FREE PAPER

DEFORMITY AND FRACTURES

Room: Venus 3

Moderators: Cáceres Palou, Enric (Spain), Gehrchen, Martin (Denmark)

Vertebral Column Decancellation for the Management of Sharp Angular Spinal Deformity (Invited paper)

Authors: Wang, Yan / Xiao, Songhua / Zhang, Yonggang / Zhang, Xuesong / Wang, Zheng / Zheng, Guoquan  
Speaker: Wang, Yan (China)

What is objective in anterior versus posterior instrumentation for AIS? A 25 yrs experience

Authors: Kovac, Vladimir  
Speaker: Kovac, Vladimir (Croatia)

Radiological results of pedicle subtraction osteotomy versus anterior-posterior osteotomy in patients with disturbance of spinal sagittal balance.

Authors: Torres, Raul / Saló, Guillem / García De Frutos, Anna / Ramirez, Manuel / Molina, Antonio / Llado, Andreu / Ubierna, Maria Teresa / Cáceres Palou, Enric  
Speaker: Torres, Raul (Spain)

T-saw laminoplasty and pedicle screw fixation with cervical kyphosis in atetoid cerebral palsy

Authors: Demura, Satoru / Kawahara, Norio / Murakami, Hideki / Fujimaki, Yoshiyasu / Kato, Satoshi / Okamoto, Yoshiyuki / Hayashi, Hiroyuki / Inoue, Kei / Tsuchiya, Hiroyuki  
Speaker: Demura, Satoru (Japan)

How the Sagittal Segmental Alignment of the cervical spine influences adjacent-level degeneration after single level anterior interbody fusion. A 10-year follow-up study.

Authors: Faldini, Cesare / Pagkrati, Stavroula / Leonetti, Danilo / Nanni, Matteo / Miscione, Maria Teresa / Acri, Francesco / Chehrassan, Mohammadreza / Capra, Paola / Persiani, Valentina / Galante, Claudio / Bonomo, Marco / Giannini, Sandro  
Speaker: Faldini, Cesare (Italy)

Dens fractures in patients over 65 years of age: anterior screw fixation of the dens vs. posterior fixation of C1-C2

Authors: Nesnidal, Petr / Stulik, Jan / Kryl, Jan  
Speaker: Stulik, Jan (Czech Republic)

Reconstruction of fractures of the thoracolumbar spine by thoracoscopic fusion from anterior.

Authors: Keel, Marius / Benneker, Lorin / Seidel, Ulrich / Siebenrock, Klaus A. / Bastian, Johannes  
Speaker: Bastian, Johannes (Switzerland)

Predictors of Recovery after Surgical Treatment of AO-Type A Thoraco-lumbar Spine Fractures Without Neurological Deficit.

Authors: Vorlat, Peter / De Boeck, Hugo  
Speaker: Vorlat, Peter (Belgium)

12:00 – 12:30

General Orthopaedic / Complications / Basic Science / Technology

HONORARY  
LECTURE

MIKE FREEMAN HONORARY LECTURE

Room:

Moderator: EFORT President Szendrői, Miklós (Hungary)

Main Auditorium

Ten-year follow-up of a rotating-platform posterior-stabilized knee design

Speaker: Ranawat, Chitranjan (USA)



12:30 – 14:00

## Zimmer GmbH



Polytrauma / Pelvis

SATELLITE  
SYMPOSIUM

NEW TECHNOLOGIES FOR FEMORAL NAILING AND PERI-PROSTHETIC  
FRACTURE FIXATION

Room: Venus 1

Treatment of Peri-Prosthetic Fractures with the new NCB® Periprosthetic Plate  
Speaker: Ruchholtz, Steffen (Germany)

Options with the Zimmer® Natural Nail® System  
Speaker: Josten, Christoph (Germany)

## Smith & Nephew Orthopaedics AG



General Orthopaedic / Complications / Basic Science / Technology

SATELLITE  
SYMPOSIUM

NEGATIVE PRESSURE WOUND THERAPY: CLINICAL CONSENSUS  
AND TECHNOLOGY INNOVATION

Room: Venus 3

Chair: Malmjsjo, Malin

Introduction: The mechanism of action of NPWT  
Speaker: Malmjsjo, Malin

The use of NPWT in trauma surgery: A new set of guidelines based on evidence and clinical consensus  
Speaker: Krug, Egbert

Different ways of delivering Negative Pressure: Characterisation of the effects of an innovative NPWT device  
Speaker: Malmjsjo, Malin

Clinical experience with a new device for the delivery of NPWT  
Speaker: Van Huyssteen, Adriaan

## DePuy EMEA



Trauma Lower Limb

SATELLITE  
SYMPOSIUM

TRAUMA/EXTREMITY – "NEW AFFIXUS PROXIMAL FEMORAL NAIL"

Room: Mars

## Medtronic



General Orthopaedic / Complications / Basic Science / Technology

SATELLITE  
SYMPOSIUM

BONE HEALING AND GRAFTING TECHNOLOGIES: JUST THE FACTS

Room: Neptune 1

Chair: Bégué, Thierry (France)

Considerations and Problems in Bone Healing  
Speaker: Giannoudis, Peter (United Kingdom)

Enhancing Bone Healing Technologies: Facts and Misconceptions  
Speaker: Schmidmaier, Gerhard (Germany)

Adapting the Graft to the Procedure  
Speaker: Bégué, Thierry (France)

Wednesday  
1 June

12:30 - 14:00

## BIOMET



### Knee osseous

SATELLITE  
SYMPOSIUM

SIGNATURE VANGARD: PERSONALISED PATIENT CARE: SURGEON DESIGNED,  
PATIENT MATCHED

Room: Neptune 2

What is Signature?

Speaker: Thienpont, Emanuel (Belgium)

Surgical technique

Speaker: Kort, Nanne (The Netherlands)

Clinical results

Speaker: Jackson, William (United Kingdom)

## Stryker SA



### Knee Osseous

SATELLITE  
SYMPOSIUM

BONE REGENERATION & REPAIR

Room: Neptune 4

Nonunions: the problems and treatment options

Speaker: Giannoudis, Peter (United Kingdom)

Osigraft: Application areas & clinical evidence

Speaker: Schmidmaier, Gerhard (Germany)

Osigraft: Clinical cases & experience

Speakers: Giannoudis, Peter (United Kingdom) / Schmidmaier, G. (Germany)

The Use of Bone Graft Substitutes in Trauma Surgery

Speaker: Zimmermann, G. (Germany)

The Use of Bone Graft Substitutes in Reconstructive Surgery

Speaker: Blom, Ashley

## Stryker SA



### Knee Osseous

SATELLITE  
SYMPOSIUM

KNEES: TRIATHLON® CUSTOM FIT KNEE® FEATURING SHAPEMATCH®  
TECHNOLOGY FROM OTISMED®:  
"CUSTOM RESTORATION OF KINEMATIC ALIGNMENT"

Room: Venus 2

Chair: Catani, Fabio (Italy)

Triathlon® Custom Fit Knee® featuring ShapeMatch® Technology from OtisMed – European Experience

Speaker: Toms, Andy (United Kingdom)

Kinematic Alignment – Review of Concept

Speaker: Streicher, Robert (Austria)

Health Economics and Adoption of New Technologies in Orthopaedics

Speaker: Coorey, David (Australia)

Triathlon Knee System – Best in Class Performance

Speaker: Stukenborg, Christina (Germany)

Modern Knee Kinematics and Alignment – can we do better?

14:00 – 15:30

**Hip**

**SYMPOSIUM CHOICE OF PROSTHETIC CONCEPT IN THE YOUNG VERSUS ELDERLY THA PATIENTS** Room: Main Auditorium  
Organiser: Knahr, Karl (Austria)

Resurfacing hip arthroplasty for the young patients  
Speaker: Cobb, Andrew G. (United Kingdom)

Cementless fixation in the elderly THA patients  
Speaker: Windhager, Reinhard (Austria)

Cemented fixation in the elderly THA patients  
Speaker: Flivik, Gunnar (Sweden)

Cementless hip arthroplasty in the young patients - standard or short stem?  
Speaker: Perka, Carsten (Germany)

**Foot / Ankle / Leg**

**SYMPOSIUM ATHLETIC INJURIES OF THE FOOT AND ANKLE** Room: Earth  
Organiser: Van Dijk, C. Niek (The Netherlands)

Achilles tendon problems: Current evidence  
Speaker: Calder, James (United Kingdom)

Stress fractures foot and ankle  
Speaker: Kerkhoffs, Gino (The Netherlands)

Impingement lesions  
Speaker: Van Dijk, C. Niek (The Netherlands)

Return to sport after injuries to foot and ankle  
Speaker: Kelberine, François (France)

**Hand and Wrist**

**CCD TREATMENT OF DISLOCATED DISTAL RADIUS FRACTURES** Room: Venus 1  
Organiser: Abramo, Antonio (Sweden)

Internal fixation techniques for dislocated distal radius fractures  
Speaker: Gabl, Markus (Austria)

Improved accuracy in the reduction of intra-articular fractures of the distal radius  
Speaker: Lindau, Tommy (United Kingdom)

The use of bonegraft and bone substitutes in the treatment of dislocated distal radius fractures with bone defect  
Speaker: Obert, Laurent (France)

**General Education**

**SYMPOSIUM SUSTAINABLE RESEARCH FUNDING HOW TO SECURE RESOURCES AND OBTAIN GRANTS FOR THE EARLY-CAREER CLINICAL RESEARCHER** Room: Venus 2  
Organiser: Svenningsen, Olaf (Denmark)

Introduction  
Speaker: Svenningsen, Olaf (Denmark)

Public research funding and the clinical research career; view from a research council (The Swedish Research Council/Vetenskapsrådet)  
Speaker: Nordquist, Jenny (Sweden)

Public research funding and the clinical research career; view from a research council (The Swedish Research Council/Vetenskapsrådet)  
Speaker: Thuveson, Maria (Sweden)

14:00 - 15:30

Private foundations and clinical projects (The Lundbeck Foundation/Lundbeckfonden)  
Speaker: Engel, Anne-Marie (Denmark)

Private foundations and clinical projects (The Lundbeck Foundation/Lundbeckfonden)  
Speaker: Jakobsen, Ulla (Denmark)

Proposals and grants from the perspective of the research institution (University of Southern Denmark, Odense University Hospital/SDU-OUH)  
Speaker: Svenningsen, Olaf (Denmark)

The "secret" of writing a successful research grant proposal  
Speaker: Svenningsen, Olaf (Denmark)

Q&A and discussion

## AOSpine



### Spine (incl. Trauma)

**SPECIALTY SESSION** AOSPINE THORACOLUMBAR SPINE TRAUMA Room: Venus 3  
Moderator: Fruensgaard, Soeren (Denmark)

The traumatic spine patient in the acute room (examination, evaluation, stabilisation)  
Speaker: Balsano, Massimo (Italy)

MRI, CT and X-ray in the acutely traumatised spine  
Speaker: Fruensgaard, Soeren (Denmark)

Cervical spine injury - evaluation and treatment  
Speaker: Schnake, Klaus (Germany)

Thoraco-lumbar injuries - evaluation and treatment  
Speaker: Balsano, Massimo (Italy)

Closure

### Polytrauma / Pelvis

**SYMPOSIUM** LIMB RECONSTRUCTION IN SEVERE INJURIES Room: Mars  
Organiser: Catagni, Maurizio (Italy)

Fibula transport  
Speaker: Capanna, Rodolfo (Italy)

Masquelet system  
Speaker: Giannoudis, Peter (United Kingdom)

Biotechnology  
Speaker: Calori, Giorgio M. (Italy)

Bone reconstruction with bone transport  
Speaker: Catagni, Maurizio (Italy)

### Hip

**FREE PAPER** CLINICAL OUTCOME AFTER THA Room: Neptune 1  
Moderators: Karachalios, Theofilos (Greece), Garellick, Göran (Sweden)

Are postoperative restrictions of movements after total hip replacement necessary? A prospective randomized study of 80 total hip replacements  
Authors: Skettrup, Michael / Kjersgaard, Anne Grete / Colding, Camilla / Solgaard, Søren  
Speaker: Skettrup, Michael (Denmark)

14:00 – 15:30

The Migration Pattern of a Cementless, Tapered, Plasma Sprayed Femoral Stem Using EBRA-FCA

Authors: Beaulé, Paul / White, Craig / Carsen, Sasha / Rasuli, Kevin / Doucette, Steve

Speaker: Beaulé, Paul (Canada)

Increased polyethylene wear in hydroxyapatite coated acetabular components. A comparative study.

Authors: Gottliebsen, Martin / Rahbek, Ole / Soballe, Kjeld / Stilling, Maiken

Speaker: Gottliebsen, Martin (Denmark)

Factors Affecting Length of Hospital Stay Post Primary Hip Arthroplasty

Authors: Panteli, Michalis / Mcroberts, John / Habeeb, Shayma / Porteous, Matthew

Speaker: Panteli, Michalis (United Kingdom)

Comparative results of half year follow-up after primary total hip arthroplasty with minimally invasive anterior and direct lateral approach

Authors: Torkos, Miklos / Gimesi, Csaba / Toth, Zoltan / Bajzik, Gabor / Magyar, Adam / Szabo, Istvan

Speaker: Torkos, Miklos (Hungary)

Prospective cohort study on an uncemented short femoral stem: Migration patterns and changes in periprosthetic bone mineral density in the short term

Authors: Hailer, Nils / Lazarinis, Stergios / Mattsson, Per / Milbrink, Jan / Mallmin, Hans

Speaker: Hailer, Nils (Sweden)

Multi-Center study of Exeter Stem in Japan -Evaluation of 1000 primary THAs-

Authors: Fujita, Hiroshi / Katayama, Naoyuki / Iwase, Toshiki / Otsuka, Hiromi

Speaker: Fujita, Hiroshi (Japan)

## ESSKA



### Sports / Knee Soft-Tissue

**SPECIALTY  
SESSION**

**CC ON THE USE OF PRP IN SPORTS INJURY**

**Room: Neptune 2**

**Moderators: Menetrey, Jacques (Switzerland), Engebretsen, Lars (Norway)**

Preparation and definition

Speaker: Kelberine, François (France)

Biological effect and interference

Speaker: Menetrey, Jacques (Switzerland)

The IOC perspective

Speaker: Engebretsen, Lars (Norway)

The use of PRP in muscle and tendinopathies

Speaker: Randelli, Pietro (Italy)

The use of PRP in ligament and cartilage

Speaker: Maffulli, Nicola (United Kingdom)

### Trauma Upper Limb

**FREE PAPER**

**SHOULDER AND CLAVICULA**

**Room: Neptune 4**

**Moderators: Gebhard, Florian (Germany), Frich, Lars Henrik (Denmark)**

Injuries associated with acute anterior dislocation of the glenohumeral joint

Authors: Murray, Iain / Shur, Natalie / Olabi, Bayanne / Shape, Thomas / Robinson, C

Speaker: Murray, Iain (United Kingdom)

Selected within the best Free Papers

Does Reverse Shoulder Arthroplasty works in Acute Proximal Humeral Fracture ?

Authors: Cazeneuve, J / Cazeneuve, Jean-François / Hassan, Yasser / Hilaneh, Abdallah

Speaker: Cazeneuve, Jean-François (France)

14:00 - 15:30

Inverse Total Shoulder Arthroplasty as primary treatment for complex proximal humerus fractures in elderly people

Authors: Grisch, Domenic / Riede, Ulf / Gerber, Christian / Jost, Bernhard

Speaker: Grisch, Domenic (Switzerland)

Risk factors for non-union in displaced midshaft clavicle fractures treated non operatively

Authors: Murray, Iain / Foster, Caroline / Robinson, C

Speaker: Murray, Iain (United Kingdom)

A systematic review of the literature describing the treatment of clavicle fractures

Authors: Flikweert, Petra / Verlaan, J / Van Olden, Ger

Speaker: Flikweert, Petra (The Netherlands)

35 cases of floating shoulders at 135 months of mean follow up period

Authors: Pailhé, Régis / Reina, Nicolas / Laffosse, Jean Michel / Tricoire, Jean Louis / Chiron, Philippe / Puget, Jean

Speaker: Pailhé, Régis (France)

Physal fracture of the medial clavicle : a study of 20 cases

Authors: Espié, Aloïs / Espié, Aloïs / Laffosse, Jean-Michel / Abid, Abdelaziz / Sales De Gauzy, Jérôme

Speaker: Espié, Aloïs (France)

Acute grade III and IV acromioclavicular dislocations: Outcomes and pitfalls of reconstruction procedures using a synthetic ligament

Authors: Mares, Olivier / Mares, Olivier / Luneau, Sebastien / Staquet, Vincent / Beltrand, Eric / Bousquet, Philippe Jean /

Maynou, Carlos

Speaker: Mares, Olivier (France)

A different way to understand and to treat the displaced humeral neck fractures.

Authors: Carrera, Eduardo / Marchetto, Adriano / Reis, Fernando

Speaker: Carrera, Eduardo (Brazil)

### General Orthopaedic / Complications / Basic Science / Technology

**SYMPOSIUM** EU POLITICAL SYMPOSIUM – MUSCULOSKELETAL CONDITIONS AND ACTIVE AGEING IN THE EU

Room: Jupiter 3

**Organiser: Puhl, Wolfhart (Germany)**

Welcome and opening words

Speaker: Puhl, Wolfhart (Germany)

Keynote speech

Osteoporosis and fragility fractures in the elderly: The role of the O+T Community in preserving the mobility among the elderly and reducing the burden of the disease

Speaker: Marsh, David (United Kingdom)

The importance of epidemiology in orthopaedic practice to address key issues in elderly care

Speaker: Dreinhöfer, Karsten (Germany)

Making musculoskeletal diseases a priority disease area in the ageing EU

Primary and secondary prevention of MSDs in the elderly

Speaker: Betteridge, Neil (United Kingdom)

Preventing chronic diseases in the elderly – Healthy Ageing: The Commission's perspective

Speaker: Huber, Manfred (Denmark)

Questions & Answers

Concluding remarks

Speaker: Kjaersgaard-Andersen, Per (Denmark)

14:00 – 16:00

Hip

**DIFFICULT CASE PRESENTATIONS** **HIP REVISION SURGERY AND COMPLICATIONS IN RESURFACING HIP ARTHROPLASTY** Room: Jupiter 4

**Organisers: Kjaersgaard-Andersen, Per (Denmark), Overgaard, Søren (Denmark)**

Uncemented femoral revision stem: Treatment of a subtrochanteric periprosthetic femoral fracture and the wider application to subtrochanteric femoral osteotomy

Speaker: Elliott, Johanna (Australia)

Extensive osteolysis following metal-on-metal hip resurfacing arthroplasty

Speaker: Assiotis, Angelos (Cyprus)

Recurrent Infection after total hip arthroplasty in young patient - how to manage

Speaker: Proença, Ana Rita (Portugal)

Reconstruction of large acetabular defect in THA revision

Speaker: Camera, Andrea (Italy)

14:00 – 18:00

General Education

**WORKSHOP** **SPEAKER COACHING WORKSHOP** Room: Jupiter 2

**Moderator: Coles, Angela (United Kingdom)**

An opportunity for experienced speakers to reassess their oral presentation style and improve their impact on their audience. Registration required

16:00 – 18:00

Foot / Ankle / Leg

**FREE PAPER** **ANKLE PATHOLOGIES** Room: Earth

**Moderators: Calder, James (United Kingdom), Van Dijk, C. Niek (The Netherlands)**

Preoperative planning of arthroscopic access to the talus with computed tomography of the ankle in full plantar flexion

Authors: Van Bergen, Christiaan / Tuijthof, Gabriëlle / Blankevoort, Leendert / Maas, Mario / Kerkhoffs, Gino / Van Dijk, C. Niek

Speaker: Van Bergen, Christiaan (The Netherlands)

Selected within the best Free Papers

Impingement lesions and chondral defects in chronic anterolateral instability - MRI and arthroscopic study.

Authors: Mahmood, Aatif / Shivarathre, Deepak / Platt, Simon / Hennessy, Michael

Speaker: Mahmood, Aatif (United Kingdom)

Selected within the best Free Papers

Metal implantation resurfacing for secondary osteochondral defects of the talus: First results of a prospective clinical study

Authors: Van Bergen, Christiaan / Reilingh, Mikel / Van Dijk, C. Niek

Speaker: Van Bergen, Christiaan (The Netherlands)

Influence of immunology on transplanted cartilage

Authors: Giannini, Sandro / Vannini, Francesca / Buda, Roberto / Cavallo, Marco / Ruffilli, Alberto / Grigolo, Brunella

Speaker: Vannini, Francesca (Italy)

How to assess ankle osteoarthritis: Comparison of the Kellgren and Lawrence scale with functional outcome and digital image analysis

Authors: Holzer, Nicolas / Salvo, Davide / Marijnissen, Anne Karien / Che Ahmad, Aminudin / Sera, Emanuele / Hoffmeyer, Pierre / Lübbeke Wolff, Anne / Assal, Mathieu

Speaker: Holzer, Nicolas (Switzerland)

Should we still be fusing ankles instead of replacing them?

Authors: Chuter, Graham / Ramaskandhan, Jayasree / Soomro, Taha / Siddique, Malik

Speaker: Chuter, Graham (United Kingdom)

A Review of Open Ankle Arthrodeses via an Anterior Approach (Mean Follow 4 Years)

Authors: Gordon, David / Zicker, Robyn / Cullen, Nicholas / Singh, Dishan / Monda, Maureen

Speaker: Monda, Maureen (United Kingdom)

16:00 – 18:00

The management of complications with the Mobility total ankle replacement  
Authors: Chuter, Graham / Siddique, Malik  
Speaker: Chuter, Graham (United Kingdom)

Do periprosthetic fractures change the outcome in the Mobility total ankle replacement?  
Authors: Chuter, Graham / Ramaskandhan, Jayasree / Siddique, Malik  
Speaker: Chuter, Graham (United Kingdom)

The use of Arthrodiastasis with trans-articular external fixator in the treatment of ankle arthritis. Long term results  
Authors: Pizzoli, Andrea / Pizzoli, Andrea / Bortolazzi, Riccardo  
Speaker: Pizzoli, Andrea (Italy)

An approach and risk assessment to the management of diabetic ankle fractures using the Adelaide Fracture in the Diabetic Ankle (AFDA) Algorithm and Score  
Authors: Yee, Joshua / Pillai, Anand / Ferris, Linda  
Speaker: Yee, Joshua (Australia)

Selected within the best Free Papers

10-year retrospective study of functional outcome of triple arthrodesis with and without internal fixation  
Authors: Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Moreira, António  
Speaker: Fraga Ferreira, José (Portugal)

### Trauma Lower Limb

**SYMPOSIUM TOTAL HIP AND KNEE REPLACEMENT: TREATMENT OF PERIPROSTHETIC FRACTURES** Room: Venus 1  
Organiser: Stöckle, Ulrich (Germany)

Periprosthetic fractures after total knee replacement: Treatment concept and results in Denmark  
Speaker: Schultz Larsen, Morten (Denmark)

Periprosthetic fractures after total knee replacement: Treatment concept and results  
Speaker: Sommer, Christoph (Switzerland)

Periprosthetic fractures after total hip replacement: Treatment concept and results in France  
Speaker: Bel, Jean-Christophe (France)

Periprosthetic fractures after total hip replacement: Treatment concept and results in Germany  
Speaker: Schaser, Klaus-Dieter (Germany)

### General Orthopaedic / Complications / Basic Science / Technology

**FREE PAPER PARTICLES / IMPLANT FIXATION** Room: Venus 2  
Moderators: Grimm, Bernd (The Netherlands), Aspenberg, Per (Sweden)

Evaluation of bone healing enhancement by a novel biomimetic hydroxyapatite  
Authors: Dallari, Dante / Del Piccolo, Nicolandrea / Savarino, Lucia / Fantasia, Rossana / Rani, Nicola / Stagni, Cesare  
Speaker: Dallari, Dante (Italy)

Osseointegration of modular tantalum augments – an ex vivo histomorphometric analysis of revised specimens  
Authors: Gebauer, Matthias / Breer, Stefan / Hahn, Michael / Kendoff, Daniel / Amling, Michael / Gehrke, Thorsten  
Speaker: Gebauer, Matthias (Germany)

Improving Fibroblast Growth and Adhesion by Dual Coating Proteins Silanized to Titanium Alloy  
Authors: El-Husseiny, Moataz / Pendegrass, Catherine / Haddad, Fares / Blunn, Gordon  
Speaker: El-Husseiny, Moataz (United Kingdom)

Effect of Dual Coating Proteins Chemically Bonded to Titanium Alloy on Sealing the Transcutaneous Skin-Implant Interface  
Authors: El-Husseiny, Moataz / Pendegrass, Catherine / Elnikety, Sherif / Haddad, Fares / Blunn, Gordon  
Speaker: El-Husseiny, Moataz (United Kingdom)

Optimal positioning of small metallic joint implants might give negligible damage to opposing cartilage surface  
Authors: Martinez Carranza, Nicolas / Nurmi-Sandh, Hilka / Lagerstedt, Ann-Sofie / Hultenby, Kjell / Berg, Hans / Ryd, Leif  
Speaker: Martinez Carranza, Nicolas (Sweden)

Osteoinductive properties of Trabecular Titanium scaffolds on hASCs (adipose derived stem cells) osteogenetically differentiated  
Authors: Benazzo, Francesco / Gastaldi, Giulia / Fontana, Jacopo / Marullo, Matteo  
Speaker: Benazzo, Francesco (Italy)



16:00 – 18:00

- In vivo Evaluation of the Osteointegration of new highly porous Trabecular Titanium™.  
Authors: Devine, Declan / Arens, Daniel / Burelli, Silvia / Bloch, Hans Rudolf / Boure, Ludovic  
Speaker: Arens, Daniel (Switzerland)
- 
- Cytotoxic effects of ionic silver and silver nano-particles on osteoblasts and osteoclasts in vitro  
Authors: Albers, Christoph / Hofstetter, Willy / Siebenrock, Klaus A. / Landmann, Regine / Klenke, Frank  
Speaker: Albers, Christoph (Switzerland)
- 
- Trace amounts of grafted vitamin E protect polyethylene against squalene-initiated oxidation  
Authors: Wannomae, Keith / Oral, Ebru / Neils, Andrew / Rowell, Shannon / Muratoglu, Orhun  
Speaker: Muratoglu, Orhun (United States)
- 
- Characterization of Vitamin E – blended UHMWPE for stress oxidation reduction in orthopaedic arthroplasty  
Authors: Costa, Luigi / Regis, Marco / Bracco, Pierangiola / Giorgini, Luca / Fusi, Simonetta  
Speaker: Costa, Luigi (Italy)
- 
- Estrogen Deficiency is Protective Against Particle-Induced Osteolysis  
Authors: Nich, Christophe / Nich, Christophe / Langlois, Jean / Marchadier, Arnaud / Vidal, Catherine / Cohen-Solal, Martine / Petite, Hervé / Hamadouche, Moussa  
Speaker: Nich, Christophe (France)
- 
- Distribution of different polyethylene wear particles in the surrounding joint tissue  
Authors: Utzschneider, Sandra / Lorber, Verena / Dedic, Mirza / Paulus, Alexander / Sievers, Birte / Jansson, Volkmar  
Speaker: Utzschneider, Sandra (Germany)

## EUROSPINE



### Spine (incl. Trauma)

SPECIALTY SESSION	ADULT DEFORMITY	Room: Venus 3
	Organiser: Pellisé, Ferran (Spain)	
	Radiographic evaluation of the adult deformity patient: Importance of spinopelvic parameters Speaker: Roussouly, Pierre (France)	
	Patient selection: When to operate, when to wait Speaker: Bullmann, Viola (Germany)	
	Surgical techniques for adult deformity Speaker: Pellisé, Ferran (Spain)	
	Outcomes of surgical treatment in adult deformity Speaker: Alanay, Ahmet (Turkey)	
	Surgical treatment of adult spine deformity with spinal stenosis Speaker: Acaroglu, Rifat Emre (Turkey)	

### Trauma Upper Limb

FREE PAPER	PROXIMAL HUMERAL FRACTURES	Room: Mars
	Moderators: Hoffmeyer, Pierre (Switzerland), Sanderhoff Olsen, Bo (Denmark)	
	Humerus Fractures in Adults - Epidemiology and Analysis (1997 – 2009) Authors: Dhawan, Rohit / Sharma, Vikas Speaker: Dhawan, Rohit (United Kingdom)	
	Non-union of proximal humeral fractures: A retrospective study Authors: Seah, Matthew / Robinson, CMichael Speaker: Seah, Matthew (United Kingdom)	
	Benefits and harms of locking plate osteosynthesis in displaced four-part fractures of the proximal humerus: A systematic review Authors: Brorson, Stig / Frich, Lars Henrik / Winther, Annika / Hrobjartsson, Asbjorn Speaker: Brorson, Stig (Denmark)	

16:00 – 18:00

Proximal humerus fractures – the influence of local bone status on complications after surgical treatment.

An international multicenter study

Authors: Kralinger, Franz / Voigt, Christine / Platz, Andreas / Schaser, Klaus / Leung, Frankie / Babst, Reto / Majewski, Martin / Stöckle, Ulrich / Käch, Kurt

Speaker: Kralinger, Franz (Austria)

Arthroscopic implant removal of plate osteosynthesis after proximal humeral fractures – technique and first results in comparison to the open implant removal

Authors: Katthagen, Jan Christoph / Voigt, Christine / Jensen, Gunnar / Lill, Helmut

Speaker: Katthagen, Jan Christoph (Germany)

Our Experience of the Philos Plate for proximal humeral fractures

Authors: Sola-Gutierrez, Yolanda / Sola-Gutierrez, Yolanda / Hartley, Richard / Rajagopalan, Senthil / Sangar, A

Speaker: Sola-Gutierrez, Yolanda (United Kingdom)

Outcome of primary hemiarthroplasty for proximal humerus fractures. Does age affect outcome?

Authors: Nichols, Jennifer / Ferran, Nicholas / Nichols, Jennifer / Pandey, Radhakant / Modi, Amit / Taylor, Grahame / Armstong, Alison

Speaker: Nichols, Jennifer (United Kingdom)

3D distribution of cortical bone thickness in the proximal humerus, implications for fracture management

Authors: Lim Fat, Daren / Kennedy, Jim / Galvin, Rose / O'Brien, Fergal / Mullett, Hannan

Speaker: Lim Fat, Daren (Ireland)

Retrograde nailing of proximal humerus fractures

Authors: Dietz, Sven / Schwarz, Thomas / Sternstein, Werner / Rommens, Pol

Speaker: Dietz, Sven (Germany)

Long-term results after intramedullary nailing versus angular stable plating for proximal humeral fractures

Authors: Von Rueden, Christian / Trapp, Oliver / Hierholzer, Christian / Prohaska, Sandra / Bräun, Klaus / Wurm, Simone / Buehren, Volker

Speaker: Von Rueden, Christian (Germany)

Failure analysis of 383 angular stable osteosyntheses of the proximal humerus

Authors: Nijs, Stefaan / Hardeman, Francois

Speaker: Hardeman, Francois (Belgium)

Early and midterm results after humeral blade plate fixation and functional treatment of unstable surgical neck fractures in elderly

Authors: Wirtz, Christian / Herold, Falko / Gerber Popp, Ariane

Speaker: Wirtz, Christian (Switzerland)

## Paediatrics

FREE PAPER

PAEDIATRIC HIP AND SPINE

Room: Neptune 1

Moderators: Krauspe, Rüdiger (Germany), Engell, Wilhelm (Denmark)

Predicting Factors for the Development of Osteonecrosis after the Treatment of the Developmental Dislocated Hip.

Authors: Pospischill, Renata / Weninger, Julia / Pokorny, Alexandra / Altenhuber, Johannes / Ganger, Rudolf / Grill, Franz

Speaker: Pospischill, Renata (Austria)

Developmental Dysplasia Of The Hip In The Exeter Region: An Analysis Of Epidemiology And Risk Factors Over 11 Years.

Authors: Ball, Thomas / Day, Christopher / Strain, David / Cox, Peter

Speaker: Ball, Thomas (United Kingdom)

Outcome of Chiari pelvic osteotomy used to treat adolescent hip incongruence

Authors: Vukasinovic, Zoran / Spasovski, Dusko

Speaker: Vukasinovic, Zoran (Serbia)

Spastic Hip Disease. Results of 92 surgically treated hips.

Authors: Vlachou, Maria / Verikokakis, Alexis / Dimitriadis, Dimitris

Speaker: Vlachou, Maria (Greece)

Habitual hip dislocation in children with Trisomy 21 – Surgical treatment with a proximal femoral varus derotation osteotomy

Authors: Knight, Dominique / Alves, Cristina / Wedge, John

Speaker: Knight, Dominique (Canada)

16:00 – 18:00

Legg-Calvé-Perthes: Interobserver and Intraobserver Reliability of the Modified Herring Lateral Pillar Classification

Authors: Chandrasenan, Jeevan / Rajan, Rohan / Price, Kathryn

Speaker: Chandrasenan, Jeevan (United Kingdom)

Manipulative Reduction and Fixation with a Single Screw for Slipped Capital Femoral Epiphysis

Authors: Lam, Khee Sian / Lee, Eng-hin

Speaker: Gao, Guoxun

The prognosticators for long term functional outcome and osteoarthritis of the hip following Slipped Capital Femoral Epiphysis

Authors: Corten, Kristoff / Batjoens, Annemie / Neven, Enrico / Simon, Jean-Pierre / Moens, Pierre

Speaker: Batjoens, Annemie (Belgium)

Femoroacetabular impingement and osteoarthritis in a population with slipped capital femoral epiphysis – retrospective study of a 25 years series

Authors: Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Vasconcelos, Paulo

Speaker: Fraga Ferreira, José (Portugal)

Distal adding-on Phenomenon in Lenke 1A Scoliosis : Risk Factor Identification and Treatment Strategy Comparison

Authors: Wang, Yu / Bunger, Cody / Hansen, Ebbe / Hoy, Kristian / Wu, Chunsen

Speaker: Wang, Yu (Denmark)

"Growing implants" in the treatment of early onset scoliosis – preliminary report.

Authors: Latalski, Michal / Fatyga, Marek / Gregosiewicz, Andrzej

Speaker: Latalski, Michal (Poland)

Spondylolysis and spondylolsthesis in children. Conservative and surgical management

Authors: Leonidou, Andreas / Lepetsos, Panagiotis / Fliieger, Ioannis / Pettas, Nikolaos / Antonis, Konstantinos / Leonidou, Omiros

Speaker: Leonidou, Andreas (United Kingdom)

ESSKA



Sports / Knee Soft-Tissue

SPECIALTY  
SESSION

UPDATES ON TREATING MEDIAL KNEE INJURIES: IT'S JUST NOT THE MCL

Room: Neptune 2

Moderators: Engebretsen, Lars (Norway)

Background and epidemiology

Speaker: Engebretsen, Lars (Norway)

Anatomy

Speaker: Wijdicks, Coen A. (USA)

Biomechanics

Speaker: Wijdicks, Coen A. (USA)

Diagnosis of medial injuries

Speaker: Engebretsen, Lars (Norway)

Treatment of medial injuries

Speaker: Engebretsen, Lars (Norway)

Bone and Joint Tumours

FREE PAPER

RECONSTRUCTIVE TECHNIQUES IN BONE TUMOURS

Room: Neptune 4

Moderators: Szendrői, Miklós (Hungary), Mørk Petersen, Michael (Denmark)

Selective embolization of bone metastases with N-2-butyl Cyanoacrylate: 309 procedures in 7 years

Authors: Ruggieri, Pietro / Mavrogenis, Andreas / Rossi, Giuseppe / Rimondi, Eugenio / Angelini, Andrea / Ussia, Giuseppe / Mercuri, Mario

Speaker: Mavrogenis, Andreas (Italy)

Ethibloc injection compared to curettage with bone grafting in aneurysmatic bone cysts: no difference in outcome

Authors: Sarac, Cigdem / Dijkstra, Sander / Taminiau, Antonie / Nieuwenhuijse, Marc / Kroft, Lucia / Van Der Linden, Edwin

Speaker: Sarac, Cigdem (The Netherlands)

16:00 - 18:00

Management of metastatic bone disease: A regional survey

Authors: Arastu, Mateen / Rashid, Abbas / Haque, Syed / Bendall, Stephen

Speaker: Rashid, Abbas (United Kingdom)

Long term results of modular prosthesis (Waldemar Link Megasystem C) in reconstruction of lower limb.

Authors: De Biase, Pietro / Capanna, Rodolfo / Campanacci, Domenico / Beltrami, Giovanni / Scocciati, Guido / Piccioli, Andrea

Speaker: Capanna, Rodolfo (Italy)

Distal femur reconstructions with megaprotheses: A multicentric study of implant survival and complications according to a new classification of failures

Authors: Ruggieri, Pietro / Pala, Elisa / Henderson, Eric / Funovics, Philip / Hornicek, Francis / Windhager, Reinhard / Temple, Thomas / Letson, Douglas / Mercuri, Mario

Speaker: Letson, Douglas (United States)

Long-term results after modular reconstruction in lower extremity bone and soft-tissue tumors: A single centre experience in 62 patients with a minimum follow-up of 15 years

Authors: Funovics, Philipp / Rois, Stefan / Kotz, Rainer / Dominkus, Martin / Windhager, Reinhard

Speaker: Funovics, Philipp (Austria)

Aseptic Loosening in Extendable Partial Bone Prostheses and the effect of the Hydroxyapatite-coated Collar

Authors: Maempel, Julian / Coathup, Melanie / Calleja, Neville / Zammit Maempel, Frederick / Briggs, Tim / Cannon, Stephen / Blunn, Gordon

Speaker: Cannon, Stephen (United Kingdom)

Proximal humeral replacement using a fixed fulcrum endoprosthesis

Authors: Perera, Jonathan / Griffiths, Dylan / Gikas, Panagiotis / Perera, Jonathan / Donaldson, James / Aston, William / Pollock, Robin / Skinner, John / Cannon, Stephen / Briggs, Timothy

Speaker: Perera, Jonathan (United Kingdom)

Humeral metastases treated with resection and prosthetic reconstruction:  
A prognostic and functional analysis of 67 patients

Authors: Ruggieri, Pietro / Calabrò, Teresa / Valencia, Juan David / Mavrogenis, Andreas / Romantini, Matteo / Guerra, Giovanni / Mercuri, Mario

Speaker: Calabrò, Teresa (Italy)

The Relationship Between Implant Extension and Complications in Partial Femoral Replacements in Paediatric Oncology

Authors: Maempel, Julian / Coathup, Melanie / Calleja, Neville / Briggs, Tim / Cannon, Stephen / Blunn, Gordon

Speaker: Maempel, Julian (United Kingdom)

[Selected within the best Free Papers](#)

Results of Using Reconstruction Nail in the Treatment of Fibrous Dysplasia of Proximal Femur

Authors: Savadkoohi, Dariush / Siavashi, Babak / Savadkoohi, Mohammad

Speaker: Savadkoohi, Dariush (Iran, Islamic Republic of)

Surgical treatment of the femur for metastases: an analysis of implant and oncological survival comparing nailing versus prosthetic replacement

Authors: Ruggieri, Pietro / Pala, Elisa / Calabrò, Teresa / Romagnoli, Carlo / Romantini, Matteo / Casadei, Roberto / Abati, Caterina / Mercuri, Mario

Speaker: Mercuri, Mario (Italy)

FESSH



Hand and Wrist

SPECIALTY  
SESSION

WHAT NOT TO MISS IN WRIST TRAUMA: CARPAL LIGAMENTS AND BONES -  
SMALL AND INSIGNIFICANT FOR REAL ORTHOPAEDIC SURGEONS?

Room: Jupiter 3

Moderators: Schuind, Frederic (Belgium), Engelund, Dorthe (Denmark),  
Möger, Claus (Denmark)

Ligament and capsular lesions

Speaker: Lindau, Tommy (United Kingdom)

Ulnar-sided wrist lesions

Speaker: Munk, Bo (Denmark)

Scafoïd fractures and other radial located lesions

Speaker: Jörgsholm, Peter (Denmark)

# Thursday 2 June

THURSDAY  
2 JUNE

THURSDAY  
2 JUNE

Room	Main Auditorium Ground Floor	Earth Ground Floor	Venus 1 1st Floor	Venus 2 1st Floor	Venus 3 1st Floor	Mars Ground Floor	Neptune 1 Exhibition Area	Neptune 2 Exhibition Area	Neptune 3 Exhibition Area	Neptune 4 Exhibition Area	Jupiter 1 1st Floor	Jupiter 2 1st Floor	Jupiter 3 1st Floor	Jupiter 4 1st Floor	Room
Hour															Hour
08:00	Hip pain in the young adult Hip Instructional Lectures	Evaluation of wear in different concepts of THA Tribology Free Paper Session ~3 minutes	Hip fractures and prosthesis Trauma Lower Limb Free Paper Session	THA short presentations Hip Free Paper Session ~3 minutes	EFORT – Brazilian Society Sport injuries in high level athletes General Education Symposium	Basics on Hallux Valgus Foot / Ankle / Leg Specialty Session EFAS	Paediatric Trauma and Deformity Correction Paediatrics Free Paper Session	Current concepts in intra-operative and postoperative pain management after major orthopaedic surgery Pain control / Rehabilitation and Non-Surgical Management Symposium	Long term results with endoprosthesis and allograft reconstruction in bone tumours Bone and Joint Tumours Symposium	Orthopaedic and traumatic surgery in conflict and post – conflict settings General Orthopaedic Symposium			Watersport injuries and shoulder problems Sports / Knee Soft-Tissue Specialty Session EFOST	Physical function and outcome in lower limb surgery General Orthopaedic Free Paper Session	08:00
08:30															08:30
09:00	Resurfacing Hip Free Paper Session														09:00
09:30		Bearing surfaces Hip Instructional Lectures	Hip fractures 1 Hip Free Paper Session	The Uni-Knee-Indications and Recent Techniques Knee osseous Instructional Lectures	Spine injury – polytrauma management Spine (incl. Trauma) Instructional Lectures		The battered child Paediatrics Instructional Lectures	Local infiltration anesthesia for surgery in larger joints Pain control / Rehabilitation and Non-Surgical Management Free Paper Session	Cartilage-forming Bone Tumours Bone and Joint Tumours Instructional Lectures	Epidemiology and variability of orthopaedic procedures across EU General Orthopaedic Instructional Lectures					09:30
10:00															10:00
10:30	The use of registries in clinical practice to improve treatments General Orthopaedic Plenary Session														10:30
11:00															11:00
11:30			Miscellaneous Foot / Ankle / Leg Free Paper Session	Unicompartmental knee arthroplasty, total knee arthroplasty and tibial osteotomy Knee osseous Free Paper Session ~3 minutes	Fusion/ non-fusion techniques Spine (incl. Trauma) Free Paper Session										11:30
12:00	Honorary Lecture	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	12:00
12:30	Global Tissue Sparing: A new standard for hip stems General Orthopaedic Satellite Symposium Biomet	New frontiers in Hip and Knee Tribology: VIT/E (Vitamin-E stabilized cross-linked UHMWPE) Tribology Satellite Symposium SAMO	THE HIP – Proven Performance Meets Continuous Innovation Hip Satellite Symposium Smith & Nephew Orthopaedics AG	3D LIVE SURGERY: My Knee patient matched technology and GMK Total Knee Replacement Knee osseous Satellite Symposium Medacta	Offset, Stability, Alignment and Wear in THR – How can we get them all right? Hip Satellite Symposium Zimmer GmbH	Trabecular Titanium™. What bone really wants to be next to General Orthopaedic Satellite Symposium LimaCorporate	VTE Prevention in Major Orthopaedic Surgery: Impact of Most Recent Advances on Joint Surgery Outcomes General Orthopaedic Satellite Symposium BMS & Pfizer	Rivaroxaban... Oral, Once daily, in Orthopaedic Practice ...Experience that counts General Orthopaedic Satellite Symposium Bayer HealthCare	From Technology to Clinical Performance General Orthopaedic Satellite Symposium Mathys	Customised Patient Solutions Knee osseous Satellite Symposium DePuy			The value of NPWT in Traumatology and Orthopedic surgery; Recent developments General Orthopaedic Satellite Symposium KCI	PFNA Augmentation – Addressing the Challenges in Proximal Femoral Fractures Trauma Lower Limb Satellite Symposium Synthes	12:30
13:00															13:00
13:30															13:30
14:00	Quality of scientific literature, confounders and bias factors in a worldwide comparative assessment General Education Symposium	Current data of wear performance in total hip arthroplasty Tribology Symposium	The infected mega prosthesis Infection Controversial Case Discussion	How to decide on the optimal treatment for articular cartilage defects? Knee osseous Symposium	ARTOF symposium: Upper extremity trauma update Trauma Upper Limb Specialty Session ARTOF	Advanced techniques on Tendons Pathologies Foot / Ankle / Leg Specialty Session EFAS	Current concepts on treatment of early degenerative joint arthritis Sports / Knee Soft-Tissue Symposium	Miscellaneous Hip Free Paper Session	Prognostic factors in bone sarcoma Bone and Joint Tumours Free Paper Session	Approach to multiple-ligament knee injuries Sports / Knee Soft-Tissue Symposium	An update for residents and trainees in orthopaedic surgery General Education Specialty Session FORTE	Speaker coaching workshop General Education Workshop	Complicated primaries and revisions in THA Hip ExMEx Registration required	Trauma (fractures, non-union, deformities mm) Polytrauma / Pelvis Difficult Case Presentations	14:00
14:30															14:30
15:00															15:00
15:30	20 Years of JOINT EFFORTS: Join us and celebrate with us! Today: During the official break from 15.30 to 16.00 in the Poster Area														15:30
16:00	EFORT Fellowship General Education Symposium	Invited Guest Lectures / Tribology / Symposium Clinical outcome in THA and in TKA wear Tribology Free Paper Session ~3 minutes	The young adult with initial hip arthritis Hip Controversial Case Discussion	Meniscus/patello femoral Sports / Knee Soft-Tissue Free Paper Session	ARTOF symposium: Upper extremity trauma update Trauma Upper Limb Specialty Session ARTOF	EFAS Tendons and ligaments Foot / Ankle / Leg Free Paper Session	Paediatric foot, patient's and parent's satisfaction Paediatrics Free Paper Session								16:00
16:30															16:30
17:00															17:00
17:30															17:30
	20:00 – 23:00 Copenhagen Night at Opera House														

GENERAL ORTHOPAEDICS
  UPPER LIMB
  LOWER LIMB
  SPINE
  TRAUMA/POLY-TRAUMA
  PAEDIATRICS
  GENERAL EDUCATION

08:00 – 09:00

Hip

INSTRUCTIONAL  
LECTURES

HIP PAIN IN THE YOUNG ADULT  
Moderator: Karachalios, Theofilos (Greece)

Room:  
Main Auditorium

Lecturer: Siebenrock, Klaus A. (Switzerland)

08:00 – 09:30

Tribology

FREE PAPER  
SESSION –  
3 MINUTES

EVALUATION OF WEAR IN DIFFERENT CONCEPTS OF THA  
Moderators: Hendrich, Christian (Germany), Solgaard, Søren (Denmark)

Room: Earth

Metal ions and lymphocyte counts in the running-in period. An RCT between Resurfacing hip arthroplasty (RHA) and ceramic on poly total hip arthroplasty (THA)

Authors: Penny, Jeannette / Varmarken, J / Ovesen, O / Nielsen, C / Overgaard, Søren  
Speaker: Penny, Jeannette (Denmark)

Immunologic Adverse Reaction Associated With Low-carbide Metal-on-metal Bearings in Total Hip Arthroplasty

Authors: Repantis, Thomas / Aroukatos, Panagiotis / Bravou, Vassiliki / Repanti, Maria / Korovessis, Panagiotis  
Speaker: Repantis, Thomas (Greece)

"Metal Ion Levels After Revision Surgery for Metallosis Arising from Large Diameter Metal-on-Metal Total Hip Arthroplasty or Resurfacing Arthroplasty"

Authors: Ebreo, Darren / Khan, Abdul / El-Meligy, Mohammed / Armstrong, Catherine / Peter, Viju  
Speaker: Ebreo, Darren (United Kingdom)

In-Vitro Wear Testing of Standard vs. Cross-Linked Polyethylene Liners in Combination with Different Ceramic Femoral Head

Authors: Zietz, Carmen / Fritsche, Andreas / Mittelmeier, Wolfram / Bader, Rainer  
Speaker: Zietz, Carmen (Germany)

In situ method for analysis of metal wear debris from hip prostheses by combined scanning electron microscopy and backscattered electron imaging

Authors: Topolovec, Matevz / Milosev, Ingrid / Coer, Andrej / Bloebaum, Roy  
Speaker: Topolovec, Matevz (Slovenia)

Repeatability of hip wear simulator test of metal-on-metal hip joint devices

Authors: Li, Chenxi / Hussain, Azad / Pamu, Joseph / Kamali, Amir  
Speaker: Kamali, Amir

Wear of metal-on-metal total hip replacements under severe in-vitro test conditions

Authors: Hadley, Megan / Hadfield, Fiona / Hardaker, Cath / Isaac, Graham / Fisher, John / Wye, John / Barnett, James  
Speaker: Hadley, Megan (United Kingdom)

Survivorship of Second-Generation Metal-On-Metal Primary Total Hip Arthroplasty

Authors: Von Knoch, Fabian / Neuerburg, Carl / Impellizzeri, Franco / Goldhahn, Joerg / Frey, Philipp / Naal, Florian / Von Knoch, Marius / Leunig, Michael  
Speaker: Von Knoch, Fabian (Switzerland)

Total Hip Arthroplasty with a large diameter metal-on metal cup (Durom) and a standard stem. Short term results

Authors: Christofilopoulos, Panayiotis / Lübbecke, Anne / Berton, Charles / Lädemann, Alexandre / Berli, Martin / Roussos, Constantinos / Peter, Robin / Hoffmeyer, Pierre  
Speaker: Christofilopoulos, Panayiotis (Switzerland)

Reduced wear under adverse load conditions in vitro with ceramic-on-metal total hip replacements

Authors: Williams, Sophie / Isaac, Graham / Fisher, John  
Speaker: Williams, Sophie (United Kingdom)

In vitro ceramic on ceramic subluxation test

Authors: Hussain, Azad / Hussain, Azad / Kamali, Amir / Li, Chenxi / Pamu, Joesph / Ashton, Roger  
Speaker: Hussain, Azad (United Kingdom)

Squeaking incidence in hybrid alumina total hip arthroplasty

Authors: Queiroz, Marcelo / Barros, Fabio / Daniachi, Daniel / Polesello, Giancarlo / Guimarães, Rodrigo / Ricioli Jr, Walter / Ono, Nelson / Honda, Emerson  
Speaker: Queiroz, Marcelo (Brazil)

Long term stability of ceramic composite in THA

Authors: Masson, Bernard / Pandorf, Thomas  
Speaker: Masson, Bernard (Germany)

Wear Debris Comparison of Constrained and Mobile Hip Bearings

Authors: Herrera, Lizeth / Loving, Laquawn / Essner, Aaron / Nevelos, Jim  
Speaker: Herrera, Lizeth (United States)

Analysis of liner deformation and stress in total hip replacements considering implant material, position and head size

Authors: Kluess, Daniel / Kluess, Daniel / Begerow, Ivonne / Goebel, Paul / Mittelmeier, Wolfram / Bader, Rainer  
Speaker: Kluess, Daniel (Germany)

Oxidation prevention with vitamin E in a cross-linked UHMWPE isoelectric monobloc pressfit cup. Preliminary results.

Authors: Beck, Martin / Kohl, Sandro  
Speaker: Beck, Martin (Switzerland)

ECIMA as a Next Generation, Advanced Bearing Material

Authors: Traynor, Alison / Simpson, David / Ellison, Peter / Collins, Simon  
Speaker: Simpson, David (United Kingdom)

Comparison of survivorship of three types of bearings of total hip arthroplasty

Authors: Milosev, Ingrid / Kovac, Simon / Trebse, Rihard / Levasic, Vesna / Topolovec, Matevz / Pisot, Venceslav  
Speaker: Milosev, Ingrid (Slovenia)

Trauma Lower Limb

FREE PAPER

HIP FRACTURES AND PROSTHESIS

Room: Venus 1

Moderators: Garnavos, Christos (Greece), Virolainen, Petri (Finland)

Clinical outcome after displaced femoral neck fractures. A comparison of hemiarthroplasty and internal screw fixation with 3 years follow-up.

Authors: Gjertsen, Jan-Erik / Vinje, Tarjei / Fevang, Jonas / Lie, Stein Atle / Furnes, Ove / Havelin, Leif Ivar / Engesaeter, Lars Birger  
Speaker: Gjertsen, Jan-Erik (Norway)

Quality of Data published on the outcome after treatment of hip neck fracture with cervicocephalic hip implants

Authors: Labek, Gerold / Thaler, Martin / Agreiter, Mark / Williams, Alexandra / Krismer, Martin / Böhler, Nikolaus  
Speaker: Labek, Gerold (Austria)

Is the outcome after hemiprosthesis of the hip in femoral neck fractures significantly influenced by choice of a minimally invasive approach?

Authors: Auffarth, Alexander / Matis, Nicholas / Lederer, Stefan / Karpik, Stefanie / Koller, Heiko / Hitzl, Wolfgang / Resch, Herbert  
Speaker: Auffarth, Alexander (Austria)

Hemiarthroplasty or Internal Fixation for Displaced Femoral Neck Fractures in the Elderly: 5 year RCT

Authors: Stoen, Ragnhild / Nordsletten, Lars / Madsen, Jan / Lofthus, Cathrine / Frihagen, Frede  
Speaker: Stoen, Ragnhild (Norway)

Subsidence of Collarless Uncemented Femoral Stems in Total Hips Replacements Performed for Trauma

Authors: Pentlow, Alanna / Heal, James  
Speaker: Pentlow, Alanna (United Kingdom)

Acetabular Retroversion as a Contributing Factor for Posterior Traumatic Hip Dislocation

Authors: Steppacher, Simon / Albers, Christoph / Tannast, Moritz / Siebenrock, Klaus A. / Ganz, Reinhold  
Speaker: Steppacher, Simon (Switzerland)

The cumulative long-term risk of dislocation after total hip arthroplasty is decreased with constrained liners in patients with femoral neck fractures.

Authors: Hernigou, Philippe / Poignard, Alexandre / Flouzat Lachaniette, Charles Henri / Filippini, Paolo  
Speaker: Hernigou, Philippe (France)

Can plate osteosynthesis of stable femoral periprosthetic fractures cause early cement mantle failure around the hip stem? A biomechanical evaluation.

Authors: Giesinger, Karlmeirad / Yates, Piers / Stoffel, Karl / Ebnetter, Lukas / Day, Robert / Kuster, Markus  
Speaker: Giesinger, Karlmeirad (Switzerland)

National Registration of 21.346 Hemiarthroplasties – Experiences From the Swedish Hip Arthroplasty Register 2005-2009

Authors: Leonardsson, Olof / Garellick, Göran / Kärrholm, Johan / Akesson, Kristina / Rogmark, Cecilia  
Speaker: Leonardsson, Olof (Sweden)

## Hip

FREE PAPER  
SESSION –  
3 MINUTES

### THA SHORT PRESENTATIONS

Room: Venus 2

Moderators: Babis, George (Greece), Flivik, Gunnar (Sweden)

Primary total hip arthroplasty (THA): A comparison of the lateral Hardinge approach to an anterior mini-invasive approach

Authors: Stoewe, Reinhard / Wayne, Nathan  
Speaker: Stoewe, Reinhard (Germany)

Standard transgluteal vs. minimal invasive anterior approach in primary hip arthroplasty. A prospective case control study.

Authors: Ilchmann, Thomas / Pannhorst, Silke / Mertens, Anne / Clauss, Martin  
Speaker: Ilchmann, Thomas (Switzerland)

Hip abductor re-attachment audited using a wire marker

Authors: Matharu, Gulraj / Thomas, Andrew / Pynsent, Paul  
Speaker: Matharu, Gulraj (United Kingdom)

Dynamic ultrasound confirmation of successful reimplantation of short external rotators using a transosseous drill hole technique in total hip replacement and comparison with hip resurfacing

Authors: Mirza, Saqeb / Tilley, Simon / Aarvold, Alexander / Sampson, Madeleine / Culliford, David / Dunlop, Douglas  
Speaker: Mirza, Saqeb (United Kingdom)

MRI features of preserved versus divided and repaired Piriformis during total hip arthroplasty – a double blind randomized controlled trial

Authors: Blakeney, William / Khan, Riaz / Lam, Li-On / Bredahl, William  
Speaker: Blakeney, William (Australia)

The effect of spinal anaesthesia or total intravenous anaesthesia on perioperative data in mini invasive primary total hip replacement

Authors: Hansen, Knut Egill Parrington / Maansson, Lukas / Olsson, Marianne  
Speaker: Hansen, Knut Egill Parrington (Norway)

Obesity in Total Hip Arthroplasty, does it really matter? A meta-analysis.

Authors: Haverkamp, Daniël / Somford, Matthijs / Klinkenbijn, Mark / Vis Van Der, Harm / Albers, Rob  
Speaker: Haverkamp, Daniël (Netherlands)

Efficacy of Cell Salvage in surgical treatment of Periprosthetic hip fractures

Authors: Tawari, Gautam / Hemmady, Mukesh / Board, Tim  
Speaker: Tawari, Gautam (United Kingdom)

What is a pseudotumour? Our experience so far...

Authors: Chana, Rishi / Esposito, Christina / Campbell, Patricia / Walter, William  
Speaker: Chana, Rishi (Australia)

Variations in Acetabular Cup Positioning in a Multicenter Clinical Study

Authors: Bragdon, Charles / Malchau, Henrik / Greene, Merideth / Doerner, Michael / Emerson, Roger / Gebuhr, Peter / Huddleston, James / Cimbrello, Eduardo  
Speaker: Malchau, Henrik (United States)

Accuracy of image-free hip navigation system for dysplastic hip OA

Authors: Ohashi, Hirotsugu / Inori, Fumiaki / Hirotake, Yo / Matsuura, Masanori / Okamoto, Yusaku / Okajima, Yoshiaki / Fukunaga, Kenji  
Speaker: Ohashi, Hirotsugu (Japan)



08:00 – 09:30

Validation of a new grading system (cementation index) for femoral cementation in total hip arthroplasty  
 Authors: Umar, Muhammad / Patil, Vijay / Lewthwaite, Simon  
 Speaker: Umar, Muhammad (United Kingdom)

Design rationale and 3-year clinical results of the MITCH PCR flexible horse-shoe acetabular cup  
 Authors: Field, Richard / Rajakulendran, Karthig / Rushton, Neil  
 Speaker: Field, Richard (United Kingdom)

Accuracy of preoperative templating for total hip arthroplasty on digital radiographs, using the Picture Archiving and Communication System (PACS).  
 Authors: Naqvi, Gohar / Walsh, James / Htein, Win / Curtin, William  
 Speaker: Naqvi, Gohar (Ireland)

Radiological risk factors for cartilage lesions in femoroacetabular impingement  
 Authors: Kappe, Thomas / Fraitzl, Christian / Reichel, Heiko  
 Speaker: Kappe, Thomas (Germany)

Assessment of hip and knee mechanical muscle strength and rapid force development in 40 – 65 yr old arthritis patients: Reliability and Agreement  
 Authors: Jensen, Carsten / Overgaard, Søren / Aagaard, Per  
 Speaker: Jensen, Carsten (Denmark)

**General Education**

**SYMPOSIUM** EFORT – BRAZILIAN SOCIETY SPORT INJURIES IN HIGH LEVEL ATHLETES **Room: Venus 3**

Organisers: Cassiano Neves, Manuel (Portugal), Neyret, Philippe (France)

Meniscus lesions and sports - new trends in 2011  
 Speaker: Seil, Romain (Luxembourg)

Patello femoral disorders  
 Speaker: Percope, Marco (Brazil)

ACL lesions in high level football players  
 Speaker: Espregueira-Mendes, João (Portugal)

ACL rupture in soccer players: Brazilian as well as my personal experience  
 Speaker: Lobo, Paulo (Brazil)

Shoulder microinstability in the land of soccer-Brazil  
 Speaker: Lech, Osvandré (Brazil)

**Paediatrics**

**FREE PAPER** PAEDIATRIC TRAUMA AND DEFORMITY CORRECTION **Room: Neptune 1**  
 Moderators: Lascombes, Pierre (France), Rahbek, Ole (Denmark)

Spinal Injuries in Children and Adolescents  
 Authors: Nesnidal, Petr / Stulik, Jan / Kryl, Jan / Barna, Michal  
 Speaker: Kryl, Jan (Czech Republic)

Long-term outcome after delayed surgery for Bado type 1 radial head dislocation  
 Authors: Rahbek, Ole / Deutch, Soren / Kold, Soren / Soejbjerg, Jens Ole / Møller-Madsen, Bjarne  
 Speaker: Rahbek, Ole (Denmark)

The paediatric fracture of the scaphoid: an epidemiological study  
 Authors: Ahmed, Issaq / Clement, Nicholas / Tay, Wykeat / Porter, Daniel  
 Speaker: Ahmed, Issaq (United Kingdom)

Aggression scores in children and adolescents who have sustained metacarpal fractures due to punching  
 Authors: Barlow, David / O'hagan, Elizabeth / Sanathkumar, Shetty / Gull, Arif / Balasundaram, Ramesh  
 Speaker: Barlow, David (United Kingdom)

Accelerated rehabilitation of children with lower limb fractures and acquired brain injury (ABI).  
 Authors: Sturdee, Simon / Duffy, Dj / Dimitriou, Rozalia / Giannoudis, Peter / Templeton, Peter  
 Speaker: Giannoudis, Peter (United Kingdom)

08:00 – 09:30

Results of nationwide survey on management of paediatric distal radius Torus/Buckle fractures in the United Kingdom

Authors: Lakkol, Sandesh / Bezzina, Nick / Bayliss, Neil  
Speaker: Lakkol, Sandesh (United Kingdom)

Paediatric Non-Traumatic Clavicular Lesions

Authors: Nicol, Graeme / Campbell, Iain / Clement, Nicholas / Wilkinson, Graham / Porter, Daniel  
Speaker: Nicol, Graeme (United Kingdom)

Is there any role of locking plates in osteogenesis imperfecta?

Authors: Garg, Bhavuk / Kumar, Vijay / Malhotra, Rajesh / Kotwal, Prakash  
Speaker: Kotwal, Prakash (India)

The Role of VEGF and its Receptors (R1 & 2) in Bone Bridge Formation of the Growth Plate

Authors: Weinberg, Annelie / Widni, Eva / Pichler, Karin / Seles, Max / Manninger, M / Heidari, Nima  
Speaker: Heidari, Nima (Austria)

### Pain control / Rehabilitation and Non-Surgical Management

SYMPOSIUM

CURRENT CONCEPTS IN INTRAOPERATIVE AND POSTOPERATIVE PAIN MANAGEMENT AFTER MAJOR ORTHOPAEDIC SURGERY

Room: Neptune 2

Organiser: Kjaersgaard-Andersen, Per (Denmark)

Introduction

Speaker: Kjaersgaard-Andersen, Per (Denmark)

Major spine surgery

Speaker: Franke, Jörg (Germany)

Hip and knee replacement

Speaker: Husted, Henrik (Denmark)

Shoulder surgery

Speaker: Sanderhoff Olsen, Bo (Denmark)

ACL reconstruction

Speaker: Williams, Andy (United Kingdom)

Hip fractures

Speaker: Rogmark, Cecilia (Sweden)

Panel debate

Speaker: Kjaersgaard-Andersen, Per (Denmark)

### Bone and Joint Tumours

SYMPOSIUM

LONG TERM RESULTS WITH ENDOPROTHESIS AND ALLOGRAFT RECONSTRUCTION IN BONE TUMOURS

Room: Neptune 3

Organiser: Gosheger, Georg (Germany)

Mutars-20 years of experience

Speaker: Harges, Jendrik (Germany)

Prosthetic reconstruction of the lower limb: The rizzoli experience

Speaker: Ruggieri, Pietro (Italy)

Allograft reconstruction in the treatment of musculoskeletal tumors: A comparative analysis

Speaker: Leithner, Andreas (Austria)

Intercalary allograft: How successful are they? When can we use them? How should we fixate them?

Speaker: Bramer, Jos (The Netherlands)

08:00 – 09:30

General Orthopaedic / Complications / Basic Science / Technology

**SYMPOSIUM** ORTHOPAEDIC AND TRAUMATOLOGIC SURGERY IN CONFLICT AND POST – CONFLICT SETTINGS **Room: Neptune 4**

**Organiser: Ciritsis, Bernhard (Germany)**

Update on landmine foot injuries: Acute and alternative sequelae treatments in military surgery  
Speaker: Tramond, Bruno (France)

Is internal fixation possible in developing countries? Doctors without borders/ France experience, technics and results  
Speaker: Herard, Patrick (France)

Alternative methods to strive for appropriate orthopaedic treatments in developing countries  
Speaker: Mahaisavariya, Banchong (Thailand)

War injuries longterm consequences and complications: Report of surgical care and outcome  
Speaker: Taheri, Amir Saman (Germany)

General Orthopaedic / Complications / Basic Science / Technology

**FREE PAPER** PHYSICAL FUNCTION AND OUTCOME IN LOWER LIMB SURGERY **Room: Jupiter 4**

**Moderators: Delaunay, Christian (France), Palm, Henrik (Denmark)**

Physical activity levels measured in patients prior to total joint replacement compared with healthy controls  
Authors: Holsgaard-Larsen, Anders / Roos, Ewa  
Speaker: Holsgaard-Larsen, Anders (Denmark)

Towards objective functional outcome assessment: Simple motion analysis can identify pathology specific compensation mechanisms in a block-step test.  
Authors: Van Laarhoven, Simon / Bolink, Stijn / Heyligers, Ide / Grimm, Bernd  
Speaker: Grimm, Bernd (Netherlands)

Validation of a new algorithm to distinguish ascending stairs, descending stairs and level walking  
Authors: Lipperts, Matthijs / Grimm, Bernd / Van Asten, Wim / Senden, Rachel / Van Laarhoven, Simon / Heyligers, Ide  
Speaker: Lipperts, Matthijs (Netherlands)

Validation of a low cost activity monitor for orthopaedic patients.  
Authors: Lipperts, Matthijs / Senden, Rachel / Van Asten, Wim / Heyligers, Ide / Grimm, Bernd  
Speaker: Grimm, Bernd (Netherlands)

Extended Surveillance of Discharging Wounds in Total Hip and Knee Arthroplasty  
Authors: Arumugam, Gowthaman / Abuzakuk, Tarek  
Speaker: Arumugam, Gowthaman (United Kingdom)

Medical complications and 90-day mortality following lower limb arthroplasty in the english NHS (2005-2010)  
Authors: Weusten, Axel / Weusten, Axel / Jameson, Simon / James, Philip / Sanders, Robert / Port, Andrew / Reed, Mike  
Speaker: Weusten, Axel (United Kingdom)

Kaplan Meier overestimates the revision surgery probability in competing risks: An example using long term follow-up data from hip revision surgery.  
Authors: Keurentjes, Johan / Fiocco, Marta / Schreurs, Bw / Pijls, Bart / Nouta, Klaas-Auke / Nelissen, Rob  
Speaker: Keurentjes, Johan (Netherlands)

Does the body mass index (BMI) accurately represent body fat composition in patients undergoing lower limb arthroplasty surgery?  
Authors: Loughenbury, Peter / Owais, Anwar / Taylor, Lynne / Macfie, J / Andrews, Mark  
Speaker: Loughenbury, Peter (United Kingdom)

Clinical outcome after microfracture of the knee: a meta-analysis of before-after data of controlled studies  
Authors: Negrin, Lukas / Vécsei, Vilmos  
Speaker: Negrin, Lukas (Austria)

Thursday  
2 June

08:00 – 10:00

## EFAS



### Foot / Ankle / Leg

**SPECIALTY SESSION** **BASICS ON HALLUX VALGUS** Room: Mars  
Moderators: Delmi, Marino (Switzerland), Magnan, Bruno (Italy)

Examination of forefoot with relationship to mid-and hindfoot  
Speaker: Louwerens, Jan Willem (The Netherlands)

What would you advise? 3 cases concerning Hallux Valgus  
Speaker: Martin, Xavier (Spain)

Pathophysiology and etiology of Hallux Valgus  
Speaker: Mittlmeier, Thomas (Germany)

Algorithm of treatment of Hallux Valgus  
Speaker: Bock, Peter (Austria)

Techniques (Videos) on: DSTP / Chevron, Akin / Scarf  
Speaker: Tourné, Yves (France)

Surgical treatment of Hallux Valgus: Results, complications and how to prevent complications  
Speaker: Sakellariou, Anthony (United Kingdom)

Cases shown in speech 2 – Discussion  
Speaker: Martin, Xavier (Spain)

08:00 – 10:30

## EFOST



### Sports / Knee Soft-Tissue

**SPECIALTY SESSION** **WATERSPORT INJURIES AND SHOULDER PROBLEMS** Room: Jupiter 3  
Moderators: Hackney, Roger (United Kingdom), Carmont, Mike (United Kingdom), Papadopoulos, Pericles (Greece)

Introduction  
Moderators: Hackney, Roger (United Kingdom), Carmont, Mike (United Kingdom), Papadopoulos, Pericles (Greece)

Waterskiing  
Speaker: Roberts, Simon (United Kingdom)

Rowing  
Speaker: Ditsios, Konstantin (Greece)

Kitesurfing  
Speaker: Bellemans, Johan (Belgium)

Swimming  
Speaker: Boyd, Kevin (United Kingdom)

Swimming  
Speaker: Huylebroek, José (Belgium)

Swimming  
Speaker: Kelberine, François (France)

08:00 – 10:30

Board Sailing  
Speaker: Carmont Mike (United Kingdom)

Waterpolo  
Speaker: Kiss, Jenő (Hungary)

09:00 – 10:30

Hip

FREE PAPER	RESURFACING	Room: Main Auditorium
Moderators: Perka, Carsten (Germany), Ostergaard, Jeanette Penny (Denmark)		

Implant survival of metal-on-metal hip resurfacing: a systematic review  
Authors: Van Der Weegen, Walter / Hoekstra, Henk / Sybesma, Thea / Bos, Ellis / Schemitsch, Emil / Poolman, Rudolf  
Speaker: Van Der Weegen, Walter (Netherlands)

Functional outcome of revised metal on metal hip resurfacing arthroplasty.  
Authors: Beazley, James / Foguet, Pedro / Prakash, Udai / Baxter, Jon / Krikler, Steve  
Speaker: Beazley, James (United Kingdom)

A Prospective Comparative Study Of Survivorship and Harris Hip Scores after Hip Resurfacing And Cemented Total Hip Arthroplasty With Up To 10 Years Follow-Up  
Authors: Lawton, Robert / Singer, Brian / Ridley, David  
Speaker: Lawton, Robert (United Kingdom) Selected within the best Free Papers

A single US surgeon experience with the adoption of hip resurfacing using 3 different implants  
Authors: Su, Edwin  
Speaker: Su, Edwin (United States)

Ten year survivorship of the Birmingham Hip Resurfacing: An independent series  
Authors: Grammatopoulos, George / Pandit, Hemant / Taylor, Adrian / Whitwell, Duncan / Glyn-Jones, Sion / Gundle, Roger / McLardy-Smith, Peter / Gill, Harinderjit / Murray, David  
Speaker: Grammatopoulos, George (United Kingdom)

Acetabular Component Migration Analysis of Hip Resurfacing using Ein Bild Roentegen Analyse (EBRA)  
Authors: Beaulé, Paul / White, Craig / Lopez-Castellano, Jaime / Kim, Paul  
Speaker: Beaulé, Paul (Canada)

The Effect of Component Placement on Joint Loading and Contact Stress of Resurfacing Arthroplasty of the Hip  
Authors: Corten, Kristoff / Walscharts, Steven / Vander Sloten, Jos / Bartels, Ward / Simon, Jean-Pierre  
Speaker: Corten, Kristoff (Belgium)

Metal-On-Metal Hip Resurfacing With Femoral Head Augmentation To Treat Severe Dysplasia  
Authors: Moroni, Antonio / Hoque, Martha / Micera, Giovanni / Sinapi, Fabrizio / Calbucci, Lucia / Maccagnan, Elena / Giannini, Sandro  
Speaker: Moroni, Antonio (Italy)

09:00 – 13:00

General Education

WORKSHOP	SPEAKER COACHING WORKSHOP	Room: Jupiter 2
Moderator: Coles, Angela (United Kingdom)		

An opportunity for experienced speakers to reassess their oral presentation style and improve their impact on their audience. Registration required.

09:30 – 10:30

Hip

INSTRUCTIONAL LECTURES	BEARING SURFACES	Room: Earth
Moderator: Siebenrock, Klaus A. (Switzerland)		

Lecturer: Karachalios, Theofilos (Greece)

09:30 – 10:30

**Knee osseous**

**INSTRUCTIONAL LECTURES**    **THE UNI-KNEE-INDICATIONS AND RECENT TECHNIQUES**    **Room: Venus 2**  
**Moderator: Richardson, James (United Kingdom)**

Lecturer: Neyret, Philippe (France)

**Spine (incl. Trauma)**

**INSTRUCTIONAL LECTURES**    **SPINE INJURY – POLYTRAUMA MANAGEMENT**    **Room: Venus 3**  
**Moderator: Alanay, Ahmet (Turkey)**

Lecturer: Dahl, Benny (Denmark)

**Paediatrics**

**INSTRUCTIONAL LECTURES**    **THE BATTERED CHILD**    **Room: Neptune 1**  
**Moderator: Krauspe, Rüdiger (Germany)**

Lecturer: Holger Hansen, Steen (Denmark)

**Pain control / Rehabilitation and Non-Surgical Management**

**FREE PAPER**    **LOCAL INFILTRATION ANESTHESIA FOR SURGERY IN LARGER JOINTS**    **Room: Neptune 2**  
**Moderators: Williams, Andy (United Kingdom), Husted, Henrik (Denmark)**

Sciatic nerve blockade versus periarticular local anaesthetic infiltration in total knee arthroplasty: A randomised controlled trial

Authors: Mahadevan, Devendra / Walter, Richard / Gale, Thomas / Minto, Gary / Mcallen, Christoph / Coleridge, Simon / Keenan, Jonathan / Oldman, Matthew  
 Speaker: Mahadevan, Devendra (United Kingdom)

Does intra-articular local anaesthetic infiltration decrease length of hospital stay in large joint arthroplasty surgery?

Authors: Dalglish, Stephen / Reidy, Michael / Singer, Brian / Cochrane, Lynda  
 Speaker: Dalglish, Stephen (United Kingdom)

Intra-articular local anaesthetic improves pain and patient satisfaction post Oxford Unicompartmental Knee Replacement: A Randomised controlled Trial

Authors: Weston-Simons, John / Pandit, Hemant / Haliker, Vikram / Price, Andrew / Dodd, Christopher / Popat, Mansukh / Murray, David  
 Speaker: Weston-Simons, John (United Kingdom)

Local infiltration analgesia in the management of postoperative pain after total hip arthroplasty

Authors: Myriokefalitakis, Emmanouil / Papanastasopoulos, Konstantinos / Douma, Amalia / Krithymos, Thomas / Drougas, Thrasivoulos / Giannoulas, John / Savidis, Konstantinos / Agisilaou, Christos / Kateros, Konstantinos  
 Speaker: Myriokefalitakis, Emmanouil (Greece)

A Randomised trial Comparing post operative pain relief by combined local periarthicular wound infiltration and post operative single shot intra-articular injection of bupivacaine with continuous epidural analgesia after total hip arthroplasty

Authors: Kumar, Vijay / Gupta, Tushar / Trikha, Anjan / Malhotra, Rajesh  
 Speaker: Gupta, Tushar (India)

Safety of retransfusing shed blood after local infiltration analgesia in total knee arthroplasty

Authors: Thomassen, Bregje / Pool, Laurens / Van Der Flier, Rudolf / Stienstra, Rudolf / In Het Veld, Bastiaan  
 Speaker: Thomassen, Bregje (Netherlands)

09:30 – 10:30

**Bone and Joint Tumours**

**INSTRUCTIONAL LECTURES**    **CARTILAGE-FORMING BONE TUMOURS**    **Room: Neptune 3**  
**Moderator: Bramer, Jos (The Netherlands)**

Lecturer: Taminiau, Antoine (The Netherlands)

**General Orthopaedic / Complications / Basic Science / Technology**

**INSTRUCTIONAL LECTURES**    **EPIDEMIOLOGY AND VARIABILITY OF ORTHOPAEDIC PROCEDURES ACROSS EU**    **Room: Neptune 4**  
**Moderator: Ciritsis, Bernhard (Germany)**

Lecturer: Pina, Fatima (Portugal)

09:30 – 11:00

**Hip**

**FREE PAPER**    **HIP FRACTURES 1**    **Room: Venus 1**  
**Moderators: Leunig, Michael (Switzerland), Rogmark, Cecilia (Sweden)**

Hip fractures patients on Clopidogrel, Time to change management strategy  
 Authors: Al Khudairy, Ammar / Al-Hadeedi, Omar / Sayana, Murali / Quinlan, John  
 Speaker: Al Khudairy, Ammar (Ireland)

Unstable trochanteric femoral fractures. Complications, fracture dynamics, and outcome after locked minimal invasive plating and intramedullary treatment  
 Authors: Knobe, Matthias / Sellei, Richard / Kobbe, Philipp / Lichte, Philipp / Pfeifer, Roman / Mooij, Saskia / Aliyev, Raouff / Muenker, Ralf / Pape, Hans Christoph  
 Speaker: Knobe, Matthias (Germany)

A prospective observational study of displaced femoral neck fractures treated with cushion bearing acetabular component  
 Authors: Berizzi, Antonio / Zanarella, Stefano / Lelio, Erica / Aldegheri, Roberto  
 Speaker: Berizzi, Antonio (Italy)

Osteosynthesis of unstable intertrochanteric fractures by DHS and PFN in a randomized study.  
 Authors: Vaculik, Jan / Horak, Martin / Malkus, Tomas / Majernicek, Marek / Dungal, Pavel / Podskubka, Ales  
 Speaker: Vaculik, Jan (Czech Republic)

Intertrochanteric fracture of the femur- assesment of fracture pattern and choosing the appropriate fixation device.  
 Authors: Brin, Yaron / Palmanovich, Ezequiel / Nyska, Meir / Kish, Benyamin  
 Speaker: Brin, Yaron (Israel)

Mobilization inhibited by Post operative pain predicted by fracture type and type of surgery  
 Authors: Riis, Troels / Ogarrio, Henning / Jorgensen, Henrik / Lauritzen, Jes Bruun / Van Der Mark, Susanne / Duus, Benn  
 Speaker: Riis, Troels (Denmark)

Pain, function, and complications after operations with a Sliding Hip Screw or an Intertan nail for trochanteric and subtrochanteric fractures.  
 Authors: Matre, Kjell / Vinje, Tarjei / Havelin, Leif Ivar / Gjertsen, Jan-Erik / Furnes, Ove / Espehaug, Birgitte / Fevang, Jonas  
 Speaker: Matre, Kjell (Norway)

CT Evaluation of Femoral Trochanteric Fractures Treated with PFNA-II  
 Authors: Shoda, Etsuo / Ouchi, Kiyoshi / Maruyama, Shigeki / Suzuki, Akiko / Kitada, Shinpei  
 Speaker: Shoda, Etsuo (Japan)

Ten Year Follow-up and Further Fractures sustained in patients sustaining a neck of femur fracture in the Lothian Population.  
 Authors: Wood, Alexander / Bell, David / Keenan, Andre / Arthur, Calum / Court-Brown, Charles  
 Speaker: Wood, Alexander (United Kingdom)

09:30 – 11:30

Shoulder / Elbow / Arm / Forearm

DIFFICULT CASE  
PRESENTATIONS

SHOULDER CASES (FRACTURES, PROSTHESIS)

Room: Jupiter 4

Organisers: Sanderhoff Olsen, Bo (Denmark), Hoffmeyer, Pierre (Switzerland)

Old unreduced elbow dislocation  
Speaker: Colmenero Rolón, Carlos Alberto

Reverse glenosphere revision with bone graft: A challenging procedure  
Speaker: De Biase, Carlo Felice

10:00 – 10:30

Foot / Ankle / Leg

FREE PAPER

HALLUX VALGUS

Room: Mars

Moderators: Kofoed, Hakon (Denmark), Richter, Martinus (Germany)

Driving after hallux valgus corrective surgery  
Authors: Iqbal, Hafiz / Iqbal, Shoaib / Barnes, Simon  
Speaker: Iqbal, Hafiz (United Kingdom)

Radiological reliability of metatarsus adductus and correlation with hallux valgus.  
Authors: Dawoodi, Aryan / Perera, Anthony  
Speaker: Dawoodi, Aryan (United Kingdom)

Basal Osteotomy for hallux valgus, with distal soft tissue correction  
Authors: Morgan, Samer / Abdalla, Sherif / Jarvis, Andrew  
Speaker: Morgan, Samer (United Kingdom)

10:30 – 11:30

Spine (incl. Trauma)

FREE PAPER

FUSION/ NON-FUSION TECHNIQUES

Room: Venus 3

Moderators: Illés, Tamas (Hungary), Dahl, Benny (Denmark)

Minimally invasive anterior oblique lumbar interbody fusion (OLIF). Description of the technique and complications on 179 patients  
Authors: Silvestre, Clément / Mac Thiong, Jean-Marc / Hilmi, Radwan / Roussouly, Pierre  
Speaker: Silvestre, Clément (France)

6 years clinical experience with the first bi elastomeric lumbar disc prosthesis  
Authors: Lazennec, Jean Yves / Rakover, Jean Patrick / Aaron, Alain / Pascal Mousselard, Hugues / Rousseau, Marc Antoine  
Speaker: Lazennec, Jean Yves (France)

Long term clinical results following dynamic stabilisation of the lumbar spine using DIAM (device for inter vertebral assisted motion)  
Authors: Aranganathan, Shreedhar / Aranganathan, Shreedhar / Lakkol, Sandesh / Taranu, Razvan / Reddy, Guru / Friesem, Tai  
Speaker: Aranganathan, Shreedhar (United Kingdom)

Effectiveness of platelet-rich plasma (PRP) in experimental model of posterolateral spinal fusion  
Authors: Cinotti, Gianluca / Giannicola, Giuseppe / Ferrari, Emiliano / Corsi, Alessandro / Riminucci, Mara / Bianco, Paolo  
Speaker: Cinotti, Gianluca (Italy)

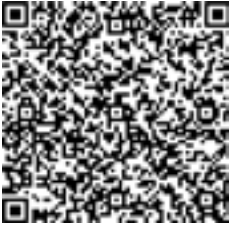
Biomechanical effect of dynamic and semi-rigid monosegmental fusion  
Authors: Wendlandt, Robert / Schrader, Sebastian / Schulz, Arndt-Peter / Spuck, Sebastian / Jürgens, Christian / Tronnier, Volker  
Speaker: Wendlandt, Robert (Germany)

Efficacy of UHMWPE Dyneema Purity® in fusionless posterior spinal instrumentation in an ovine model  
Authors: Bogie, Rob / Voss, L / Welting, T / Willems, P / Arts, J / Van Rhijn, L  
Speaker: Bogie, Rob (Netherlands)



10:30 – 12:00

General Orthopaedic / Complications / Basic Science / Technology

PLENARY SESSION	THE USE OF REGISTRIES IN CLINICAL PRACTICE TO IMPROVE TREATMENTS Organisers: Böhler, Nikolaus (Austria), Overgaard, Søren (Denmark)	Room: Main Auditorium
	Introduction and basic requirements for a national joint register Speaker: Overgaard, Søren (Denmark)	
	Significant improvements in clinical practice due to the hip arthroplasty registries Speaker: Kärrholm, Johan (Sweden)	
	Significant improvements in clinical practice due to the knee arthroplasty registries Speaker: Furnes, Ove (Norway)	
	Key findings from the Australian national joint replacement registry Speaker: Graves, Stephen (Australia)	
	Key findings from the national joint registry for England and Wales Speaker: Porter, Martyn (United Kingdom)	
	New trends in the registries; patient reported outcome measures Speaker: Garellick, Göran (Sweden)	
	The European Arthroplasty Registry (EAR): Improvements of the registries in Europe Speaker: Böhler, Nikolaus (Austria)	

Knee osseous

FREE PAPER SESSION – 3 MINUTES	UNICOMPARTMENTAL KNEE ARTHROPLASTY, TOTAL KNEE ARTHROPLASTY AND TIBIAL OSTEOTOMY Moderators: Nelissen, Rob (The Netherlands), Odgaard, Anders (Denmark)	Room: Venus 2
	Gender does not bias medial unicompartmental arthroplasty outcome Authors: Lustig, Sebastien / Barba, Nicolas / Servien, Elvire / Fary, Camdon / Demey, Guillaume / Neyret, Philippe Speaker: Lustig, Sebastien (France)	
	Are age and sex predictors of failure for the Oxford medial unicompartmental knee arthroplasty? Authors: Matharu, Gulraj / Robb, Curtis / Baloch, Khalid / Pynsent, Paul Speaker: Matharu, Gulraj (United Kingdom)	
	Navigated, minimal invasive, mobile bearing unicompartmental knee prosthesis. A 2-year follow-up study. Authors: Jenny, Jean-Yves / Saussac, François / Louis, Pascal Speaker: Jenny, Jean-Yves (France)	
	Increase of tibial slope reduces wear in medial unicompartmental knee arthroplasty Authors: Weber, Patrick / Schröder, Christian / Utzschneider, Sandra / Jansson, Volkmar / Müller, Peter Speaker: Weber, Patrick (Germany)	
	Subchondral Sclerosis in a Medial Unicompartmental Knee Replacement with an All Polyethylene Tibial Component: A New Mode of Failure? Authors: Scott, Chloe / Bhattacharya, Raj / Macdonald, Deborah / Wade, Frazer / Nutton, Richard Speaker: Scott, Chloe (United Kingdom)	
	Effect of Medial and Lateral Posterior Condylar Offset on Knee Flexion after Total Knee Arthroplasty Authors: Ishii, Yoshinori / Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junkoh Speaker: Ishii, Yoshinori (Japan)	
	Risk of revision following Oxford unicompartmental knee arthroplasty Authors: Solgaard, Lars / Moeller, Lars / Sandberg, Torben Speaker: Solgaard, Lars (Denmark)	Selected within the best Free Papers
	Revision of failed Unicompartmental Knee Arthroplasty to Total Knee Arthroplasty Authors: Chou, Daud / Swamy, Girish / Lewis, James / Badhe, Nitin Speaker: Chou, Daud (United Kingdom)	
	Time to failure for the Oxford unicompartmental knee arthroplasty and outcome following revision Authors: Matharu, Gulraj / Robb, Curtis / Baloch, Khalid / Pynsent, Paul Speaker: Matharu, Gulraj (United Kingdom)	

10:30 – 12:00

The prevalence of radiolucency is reduced in the Oxford domed lateral Unicompartmental Knee Replacement  
 Authors: Kendrick, Ben / Weston-Simons, John / Sim, Frank / Gibbons, Max / Pandit, Hemant / Gill, Harinderjit / Price, Andrew / Dodd, Christopher / Murray, David  
 Speaker: Price, Andrew (United Kingdom)

Satisfaction with pre-operative arthroplasty education: private versus public patients in urban Australia  
 Authors: Da Assuncao, Ruy / Samra, David / Walker, Peter / Bruce, Warwick  
 Speaker: Da Assuncao, Ruy (United Kingdom)

Lateral unicompartmental knee arthroplasty for post-traumatic osteoarthritis : 15 cases with 9 year Follow-up.  
 Authors: Lustig, Sebastien / Parratte, Sebastien / Servien, Elvire / Argenson, Jean-Noël / Neyret, Philippe  
 Speaker: Lustig, Sebastien (France)

Efficacy and Safety of Iliac Crest Allograft in Medial Opening-Wedge High Tibial Osteotomy Compared to Iliac Crest Autograft: A Randomized Controlled Trial  
 Authors: Espandar, Ramin / Mortazavi, Seyed Mohammad Javad / Kaseb, Mohammad Hasan / Haghpanah, Babak / Yazdani, Shideh  
 Speaker: Espandar, Ramin (Iran, Islamic Republic of)

Knee arthroplasty after high tibial osteotomy in Sweden 1998-2007  
 Authors: W-Dahl, Annette / Robertsson, Otto / Lohmander, Stefan  
 Speaker: W-Dahl, Annette (Sweden)

11:00 – 12:00

Foot / Ankle / Leg

FREE PAPER

MISCELLANEOUS

Room: Venus 1

Moderators: Besse, Jean-Luc (France), Symeonidis, Panagiotis (Greece)

What is the evidence for venous thromboprophylaxis in foot and ankle surgery?- A systematic review of the literature

Authors: Mangwani, Jitendra / Cichero, Matthew / Irby, Sarah / Yates, Ben / Williamson, David  
 Speaker: Mangwani, Jitendra (United Kingdom)

Memory Compression Staples in Foot Surgery

Authors: Gaheer, Rajinder Singh / Dillon, Jon / Bell, Stuart / Ferdinand, Rupert  
 Speaker: Gaheer, Rajinder Singh (United Kingdom)

Describing the Normal Foot Pedobarograph, a Prospective Study of 250 Volunteers.

Authors: Alani, Asef / Taylor, Grahame  
 Speaker: Alani, Asef (United Kingdom)

Demineralized Bone Matrix and Platelet-Rich Plasma for Osteochondral Defects of the Talus – An Experimental Goat Study

Authors: Van Bergen, Christiaan / Özdemir, Murat / Kerckhoffs, Gino / Korstjens, Clara / Van Ruijven, Leo / Everts, Vincent / Van Dijk, C. Niek / Blankevoort, Leendert  
 Speaker: Van Bergen, Christiaan (Netherlands)

Platelet Rich Plasma Is More Effective than Cortisone Injection for Chronic Plantar Fasciitis

Authors: Monto, Raymond  
 Speaker: Monto, Raymond (United States)

12:00 – 12:30

General Orthopaedic / Complications / Basic Science / Technology

HONORARY LECTURE

ERWIN MORSCHER HONORARY LECTURE

Room:

Moderator: EFORT President Szendrői, Miklós (Hungary)

Main Auditorium

Hip dysplasia - a problem solved?

Speaker: Benson, Michael (United Kingdom)

12:30 – 14:00

**BIOMET**



General Orthopaedic / Complications / Basic Science / Technology

**SATELLITE SYMPOSIUM**      **GLOBAL TISSUE SPARING: A NEW STANDARD FOR HIP STEMS**      Room: Main Auditorium

- GTS: Design and rationale  
Speaker: Grappiolo, Guido (Italy)

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- GTS stability test results from Heidelberg  
Speaker: Thomsen, Marc (Germany)

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- GTS preliminary results: Radiological evaluation  
Speaker: Massè, Alessandro (Italy)

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- GTS: German preliminary results  
Speaker: Hube, Robert (Germany)

**SAMO**



Tribology

**SATELLITE SYMPOSIUM**      **NEW FRONTIERS IN HIP AND KNEE TRIBOLOGY: VITÆ (VITAMIN-E STABILIZED CROSSLINKED UHMWPE)**      Room: Earth  
Chairs: Zagra, Luigi (Italy), Kjaersgaard-Andersen, Per (Denmark)

- Joint Replacement Bearing Overview  
Speaker: Stilling, Maiken (Denmark)

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- "VITÆ": Chemical Characterisation  
Speaker: Costa, Luigi (Italy)

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- "VITÆ": Mechanical and tribological Properties  
Speaker: Chiesa, Roberto (Italy)

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- Use of Vitamin-E stabilised X-linked UHMWPE in TKR  
Speaker: Baldini, Andrea (Italy)

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- Use of Vitamin-E stabilised X-linked UHMWPE in THR  
Speaker: Binazzi, Roberto (Italy)

**Smith & Nephew Orthopaedics AG**



**Hip**  
**SATELLITE SYMPOSIUM**      **THE HIP – PROVEN PERFORMANCE MEETS CONTINUOUS INNOVATION**      Room: Venus 1  
Chair: Falez, Francesco (Italy)

- BMHR – innovation in bone conservation  
Speaker: Szöke, Nikolaus (Germany)

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- NANOS – more than just a short stem  
Speaker: Falez, Francesco (Italy)

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- SL-PLUS MIA – how a GOLD STANDARD philosophy becomes minimally invasive  
Speaker: Pflüger, Gerald (Austria)

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- ACCORD – efficient handling of challenging situations in hip revision  
Speaker: Haddad, Fares (United Kingdom)

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- R3 – the ultimate acetabular solution  
Speaker: Remes, Ville (Finland)

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- VERILAST – discover the future in advanced bearings  
Speaker: Davis, Edward (United Kingdom)

## Medacta International



### Knee osseous

SATELLITE SYMPOSIUM	3D LIVE SURGERY: MYKNEE® PATIENT MATCHED TECHNOLOGY AND GMK® TOTAL KNEE REPLACEMENT Chair: Koch, Peter (Switzerland)	Room: Venus 2
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## Zimmer GmbH



### Hip

SATELLITE SYMPOSIUM	OFFSET, STABILITY, ALIGNMENT AND WEAR IN THR – HOW CAN WE GET THEM ALL RIGHT? Chair: Kesteris, Uldis (Sweden)	Room: Venus 3
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Innovations in Stems for enhancing function and patient personalized fit  
Speaker: Fink, Bernd (Germany)

Maximising ROM and Stability with Larger Diameter Ceramic Cup

## LimaCorporate



### General Orthopaedic / Complications / Basic Science / Technology

SATELLITE SYMPOSIUM	TRABECULAR TITANIUM™. WHAT BONE REALLY WANTS TO BE NEXT TO Chair: Mittelmeier, Wolfram (Germany)	Room: Mars
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The right acetabular solution to ensure stability  
Speaker: Lyon, David (New Zealand)

Patient-specific solution in revision surgery  
Speaker: Latham, Jeremy (United Kingdom)

Trabecular Titanium™: Early results from a multicentre prospective DXA study  
Speaker: Massari, Leo (Italy)

In vivo characterisation of the Trabecular Titanium™ osteointegrative potential  
Speaker: Arens, Daniel (Switzerland)

Trabecular Titanium™ osteoinductive properties: A study on human stem cells differentiation  
Speaker: Benazzo, Francesco (Italy)

Trabecular Titanium™ genetic effects on human osteoblast-like cells: An in vitro study  
Speaker: Massari, Leo (Italy)

Critical literature review  
Speaker: Neumann, Daniel (Austria)

## Bristol-Myers Squibb Pfizer LTD



### General Orthopaedic / Complications / Basic Science / Technology

SATELLITE SYMPOSIUM	VTE PREVENTION IN MAJOR ORTHOPAEDIC SURGERY: IMPACT OF MOST RECENT ADVANCES ON JOINT SURGERY OUTCOMES Chair: Lassen, Michael-Rud (Denmark) Co-Chair: Romano, Carlo (Italy)	Room: Neptune 1
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Benefits and Limitations of Current Thromboprophylaxis  
Speaker: Cohen, Alexander (United Kingdom)

Impact of Anticoagulation Dosing Regimens on Bleeding Risk  
Speaker: Rosencher, Nadia (France)

Recent advances in oral thromboprophylaxis  
Speaker: Lassen, Michael-Rud (Denmark)

Practical Guidance for introduction of new oral thromboprophylaxis  
Speaker: Kurth, Andreas (Germany)

## Bayer HealthCare



### General Orthopaedic / Complications / Basic Science / Technology

**SATELLITE SYMPOSIUM** RIVAROXABAN... ORAL, ONCE DAILY, IN ORTHOPAEDIC PRACTICE ...EXPERIENCE THAT COUNTS **Room: Neptune 2**

**Chairs: Borris, Lars (Denmark), Mouret, Patrick (Germany)**

New ways of thinking in orthopaedic anticoagulation  
Speaker: Mouret, Patrick (Germany)

From clinical data to extensive real-life experience  
Speaker: Ryge, Camilla (Denmark)

How will new anaesthesia guidelines affect clinical practice?  
Speaker: Kidd, Alexander (United Kingdom)

Case discussion - the perspectives of a surgeon and an anaesthetist  
Speaker: Ryge, Camilla (Denmark) / Kidd, Alexander (United Kingdom)

Practical implications of thromboprophylaxis in the post-operative period  
Speaker: Helmy, Naeder (Switzerland)

## Mathys Ltd Bettlach



### General Orthopaedic / Complications / Basic Science / Technology

**SATELLITE SYMPOSIUM** FROM TECHNOLOGY TO CLINICAL PERFORMANCE **Room: Neptune 3**

**Chairs: Knahr, Karl (Austria), Señaris Rodriguez, José (Spain),**

Affinis® Short - Short-term results of a novel implant for shoulder arthroplasty  
Speaker: Pap, Géza (Germany)

balanSys® UNI Convex - Mid-term results of a convex shaped unicondylar implant  
Speaker: Hoffmann, Frank (Germany)

vitamys® - HXLPE with vitamin E - a surgeon's perspective  
Speaker: Hamadouche, Moussa (France)

RM Pressfit vitamys® - Short term results  
Speaker: Beck, Martin (Switzerland)

## DePuy EMEA



### Knee osseous

**SATELLITE SYMPOSIUM** CUSTOMISED PATIENT SOLUTIONS **Room: Neptune 4**

Thursday  
2 June

12:30 – 14:00

## KCI Europe



### General Orthopaedic / Complications / Basic Science / Technology

<b>SATELLITE SYMPOSIUM</b>	<b>THE VALUE OF NPWT IN TRAUMATOLOGY AND ORTHOPEDIC SURGERY; RECENT DEVELOPMENTS</b>	Room: Jupiter 3
	<b>Chair: Willy, Christian</b>	
	Recent NPWT developments: Are there differences in NPWT systems? Speaker: McNulty, Amy	
	Opportunities for the use of NPWT? Experiences from clinic to war surgery Speaker: Willy, Christian	
	Is there value for NPWT/instillation therapy in traumatology? Speaker: Brem, Matthias	
	Added value of NPWT/instillation therapy and incisional negative pressure in orthopaedic surgery Speaker: Lehner, Burkhard	
	Q&A and wrap up by Chairman Speaker: Willy, Christian	

## Synthes



### Trauma Lower Limb

<b>SATELLITE SYMPOSIUM</b>	<b>PFNA AUGMENTATION – ADDRESSING THE CHALLENGES IN PROXIMAL FEMORAL FRACTURES</b>	Room: Jupiter 4
	<b>Chair: Blauth, Michael (Austria), Gebhard, Florian (Germany)</b>	

14:00 – 15:30

### General Education

<b>SYMPOSIUM</b>	<b>QUALITY OF SCIENTIFIC LITERATURE, CONFOUNDERS AND BIAS FACTORS IN A WORLDWIDE COMPARATIVE ASSESSMENT</b>	Room: Main Auditorium
	<b>Organisers: Labek, Gerold (Austria), Böhler, Nikolaus (Austria)</b>	
	Reproducibility and validity of outcome published in peer reviewed journals Speaker: Labek, Gerold (Austria)	
	Confounders in individual journal publications Speaker: Hoffmeyer, Pierre (Switzerland)	
	Reproducibility and quality of French literature Speaker: Delaunay, Christian (France)	
	Outcome published referring to clinical scores Speaker: Pijls, Bart (The Netherlands)	
	Publications concerning inferior products Speaker: Cáceres Palou, Enric (Spain)	
	Conclusions, recommendations, outlook Speaker: Böhler, Nikolaus (Austria)	
	Discussion	

THURSDAY  
2 JUNE

14:00 – 15:30

**Tribology**

**SYMPOSIUM**      **CURRENT DATA OF WEAR PERFORMANCE IN TOTAL HIP ARTHROPLASTY**      **Room: Earth**

**Organiser: Knahr, Karl (Austria)**

How to measure wear in THA

Speaker: Affatato, Saverio (Italy)

Influence of head size and material on wear in THA

Speaker: Fisher, John (United Kingdom)

Ceramic–ceramic articulation: Fracture and squeaking – is it really a concern?

Speaker: Knahr, Karl (Austria)

Metal-on-metal articulation: Do we really have to risk an unhappy patient?

Speaker: Skinner, John (United Kingdom)

Cross-linked PE articulations: Do we need vitamin to improve longevity?

Speaker: Malchau, Henrik (USA)

How to predict long term results

Speaker: Kärrholm, Johan (Sweden)

**Infection**

**CCD**      **THE INFECTED MEGA PROSTHESIS**      **Room: Venus 1**

**Organiser: Schaser, Klaus-Dieter (Germany)**

Management of infection after complex revision arthroplasty

Speaker: Füchtmeier, Bernd (Germany)

Salvage strategies for infected revision arthroplasty and megaprosthesis of the hip and knee

Speaker: Ascherl, Rudolf (Germany)

Megaprosthetic reconstructions of segmental bone defects following trauma and oncologic resections - surgical technique, revisions and management of complications

Speaker: Schaser, Klaus-Dieter (Germany)

**Knee osseous**

**SYMPOSIUM**      **HOW TO DECIDE ON THE OPTIMAL TREATMENT FOR ARTICULAR CARTILAGE DEFECTS?**      **Room: Venus 2**

**Organiser: Almqvist, Karl Fredrik (Belgium)**

Meniscal Tx and chondroprotection?

Speaker: Verdonk, René (Belgium)

Treatment of cartilage defects with scaffolds containing cells

Speaker: Verdonk, Peter (Belgium)

Cartilage restoration in salvage case

Speaker: Kon, Elizavetha (Italy)

The value of chondrocyte implantation in larger defects

Speaker: Richardson, James (United Kingdom)

**Sports / Knee Soft-Tissue**

**SYMPOSIUM**      **CURRENT CONCEPTS ON TREATMENT OF EARLY DEGENERATIVE JOINT ARTHRITIS**      **Room: Neptune 1**

**Organiser: Maracci, Maurilio (Italy), Moderator: Verdonk, René (Belgium)**

Biological aspects of early degenerative arthritis

Speaker: Madry, Henning (Germany)

Hip early degenerative arthritis: Treatment options

Speaker: Krismser, Martin (Austria)

14:00 – 15:30

Knee early degenerative arthritis: Treatment and options  
Speaker: Marcacci, Maurizio (Italy)

Ankle early degenerative arthritis: Treatment and options  
Speaker: Van Dijk, C. Niek (The Netherlands)

**Hip**

FREE PAPER

MISCELLANEOUS

Room: Neptune 2

Moderators: Haddad, Fares (United Kingdom), Herberts, Peter (Sweden)

The Twist test: A New Test for Hip Labral Pathology  
Authors: Adib, Farshad / Ochiai, Derek / Donovan, Skye  
Speaker: Adib, Farshad (United States)

Measurement of lower limb length and other hip parameters after total hip arthroplasty through 3D EOS® reconstruction.  
Authors: Benjamin, Guenoun / Zadegan, Frédéric / Hannouche, Dider / Nizard, Rémy  
Speaker: Benjamin, Guenoun (France)

Gait analysis of THA with different head diameters: a prospective randomized study  
Authors: Zagra, Luigi / Champlon, C / Licari, V / Ceroni, R  
Speaker: Zagra, Luigi (Italy)

One-stage bilateral free vascularized fibular grafting for avascular necrosis of the femoral head  
Authors: Zhang, Chang Qing / Zhang, Chang Qing / Chen, Sheng Bao / Jin, Dong Xu / Sheng, Jia Gen / Jia, Wei Tao / Zeng, Bing Fang  
Speaker: Zhang, Chang Qing (China)

Reliability and response rate of an Internet-based follow-up questionnaire for measuring patient-reported outcome after total hip arthroplasty  
Authors: Rolfson, Ola / Salomonsson, Roger / Dahlberg, Leif / Garellick, Göran  
Speaker: Rolfson, Ola (Sweden)

Hip wear simulator study of diffusion hardened oxidized zirconium bearings  
Authors: Li, Chenxi / Hussain, Azad / Joseph, Pamu / Kamali, Amir  
Speaker: Kamali, Amir (United Kingdom)

Treatment of corticosteroid hip osteonecrosis with stem cells  
Authors: Hernigou, Philippe / Poignard, Alexandre / Flouzat Lachaniette, Charles Henri  
Speaker: Hernigou, Philippe (France)

Selected within the best Free Papers

Evolved for hip arthritis?  
Authors: Monk, Andrew / Grammatopoulos, George / Chen, Minsi / Gibbons, Max / Beard, David / Gill, Harinderjit / Murray, David  
Speaker: Gill, Harinderjit (United Kingdom)

**Bone and Joint Tumours**

FREE PAPER

PROGNOSTIC FACTORS IN BONE SARCOMA

Room: Neptune 3

Moderators: Cannon, Stephen (United Kingdom), Hansen, Bjarne Hauge (Denmark)



Teleangiectatic osteosarcoma: an analysis of 87 cases.  
Authors: Ruggieri, Pietro / Angelini, Andrea / Drago, Gabriele / Guerra, Giovanni / Ussia, Giuseppe / Mavrogenis, Andreas / Mercuri, Mario  
Speaker: Ruggieri, Pietro (Italy)

Giant Cell Tumour of Bone: Risk analysis of local recurrence  
Authors: Van Der Heijden, Lizz / Van De Sande, Michiel / Nieuwenhuijse, M / Dijkstra, P.  
Speaker: Van Der Heijden, Lizz (Netherlands)

Selected within the best Free Papers

Treatment and complications in patients with giant cell tumor of bone  
Authors: Maric, Mikela / Bergovec, Marko / Viskovic, Anita / Kolundzic, Robert / Smerdelj, Miroslav / Orlic, Dubravko  
Speaker: Bergovec, Marko (Croatia)





14:00 – 15:30

Tumor Growth Pattern: The Missing Link between Surgical Margins and Disease Free Survival in Adult Soft Tissue Sarcoma of the Limbs ? A Series of 105 Patients Treated at a Single Institution.

Authors: Lintz, Francois / Waast, Denis / Odri, Guillaume / Moreau, Anne / Maillard, Olivier / Gouin, Francois  
Speaker: Gouin, Francois (France)

Preoperative biopsy tract identification using India ink skin tattoo in tumour surgery

Authors: Jalgaonkar, Azal / Mohan, Anita / Pollock, Rob / Skinner, John / Cannon, Stephen / Briggs, Timothy / Aston, William  
Speaker: Jalgaonkar, Azal (United Kingdom)

Indication and results of en block resection in aggressive giant cell tumor (GCT): 20-years-period study

Authors: Savadkoohi, Dariush / Siavashi, Babak / Rezanezhad, Seyyed Siamak / Seifi, Mozghan / Savadkoohi, Mohammad  
Speaker: Savadkoohi, Dariush (Iran, Islamic Republic of)

Extendable Proximal Femoral Replacements: Experience Et Complications

Authors: Maempel, Julian / Coathup, Melanie / Calleja, Neville / Cannon, Stephen / Briggs, Tim / Blunn, Gordon  
Speaker: Cannon, Stephen (United Kingdom)

Results and prognostic factors in 109 patients with dedifferentiated chondrosarcoma

Authors: Ruggieri, Pietro / Pala, Elisa / Angelini, Andrea / Drago, Gabriele / Romantini, Matteo / Romagnoli, Carlo / Mavrogenis, Andreas / Abati, Caterina / Mercuri, Mario  
Speaker: Mercuri, Mario (Italy)

### Sports / Knee Soft-Tissue

SYMPOSIUM

APPROACH TO MULTIPLE-LIGAMENT KNEE INJURIES

Room: Neptune 4

Organiser: Engebretsen, Lars (Norway)

Acute approach to knee dislocations

Speaker: Seil, Romain (Luxembourg)

Approach to PCL in acute knee dislocations

Speaker: Djian, Patrick (France)

Approach to the medial injury in knee dislocations

Speaker: Engebretsen, Lars (Norway)

Approach to the lateral injury in knee dislocations

Speaker: Engebretsen, Lars (Norway)

14:00 – 16:00

### Polytrauma / Pelvis

DIFFICULT CASE  
PRESENTATIONS

TRAUMA (FRACTURES, NON-UNION, DEFORMITIES MM)

Room: Jupiter 4

Organisers: Schultz Larsen, Morten (Denmark), Stöckle, Ulrich (Germany)

An acute traumatic complex elbow instability injury

Speaker: Peter, Noel

Management of complex posterior Monteggia fracture dislocation with element of Essex – Lopresti injury – pitfalls and tips

Speaker: Sharma, Vikas

Two stage surgery for a complex open distal femoral fracture in an HIV positive patient

Speaker: Dean, Benjamin

Open knee dislocation: From early to the definitive treatment

Speaker: Pizzoli, Andrea

Sacrum disaster open fracture: Reconstruction by laparotomy approach

Speaker: Guido, Rocca

Thursday  
2 June

14:00 – 16:30

## EFAS



### Foot / Ankle / Leg

**SPECIALTY SESSION** **ADVANCED TECHNIQUES ON TENDONS PATHOLOGIES** Room: Mars  
Moderators: Louwerens, Jan Willem (The Netherlands), Tourné, Yves (France)

Tendon pathophysiology

Speaker: Thomas, Manfred (Germany)

Treatment of tendon injuries: Current concepts based on evidence

Speaker: Valderrabano, Victor (Switzerland)

Acute achilles tendon rupture – treatment options

Speaker: Richter, Martinus (Germany)

Neglected achilles tendon rupture – FHL tendon transfer – 1st technique

Speaker: Besse, Jean-Luc (France)

Neglected achilles tendon rupture – FHL tendon transfer – 2nd technique

Speaker: Redfern, David (United Kingdom)

Posterior tibial tendon dysfunction treatment modalities

Speaker: Valderrabano, Victor (Switzerland)

Anterior tibialis tendon rupture – treatment modalities

Speaker: Symeonidis, Panagiotis (Greece)

Treatment of acute peroneal tendons injuries and dislocation

Speaker: Geary, Nick (United Kingdom)

Treatment of chronic peroneal tendon tears

Speaker: Delmi, Marino (Switzerland)

BREAK

Discussion and cases presentation by the moderators

14:00 – 17:00

## FORTE



### General Education

**SPECIALTY SESSION** **AN UPDATE FOR RESIDENTS AND TRAINEES IN ORTHOPAEDIC SURGERY** Room: Jupiter 1  
Organiser: Guryel, Enis (United Kingdom)

Presidents address

Speaker: Guryel, Enis (United Kingdom)

Fellowship update

Speaker: Ackermann, Paul (Sweden)

Finance and membership update

Speaker: Arverud, Erica (Sweden)

Orthopaedic training in Portugal: A trainees perspective

Speaker: Pinto Guerra, Francisco (Portugal)

Feedback from linkpersons and discussions

Voting of new committee

Thursday  
2 June

14:00 – 17:30

**ARTOF**

ASSOCIATION FOR THE NATIONAL TREATMENT OF TRAUMATICS



**Trauma Upper Limb**

**SPECIALTY SESSION**    **ARTOF SYMPOSIUM: UPPER EXTREMITY TRAUMA UPDATE**    **Room: Venus 3**  
**Moderator: Biberthaler, Peter (Germany)**

- Introduction  
Speaker: Biberthaler, Peter (Germany)

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- Clavicle Fractures - Operative / Non-operative  
Speaker: Robinson, Michael (United Kingdom)

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- AC Joint - Operative / Non-operative  
Speaker: Braunstein, Volker (Germany)

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- Surgical Neck - Indications for surgery / Surgical technique  
Speaker: Ruchholtz, Steffen (Germany)

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- Humerus - Surgical neck and shaft conservative treatment  
Speaker: Waddell, James (Canada)

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- Discussion

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- BREAK**

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- Humeral Shaft - Plating  
Speaker: Braunstein, Volker (Germany)

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- Humeral Shaft - Nail  
Speaker: Ruecker, Andreas (Germany)

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- Supracondylar - Children paediatric - Techniques for reduction and fixation  
Speaker: Howard, Andrew (Canada)

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- Supracondylar - Adult - ORIF or Arthroplasty  
Speaker: Biberthaler, Peter (Germany)

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- Discussion

14:00 – 18:00

**General Education**

**WORKSHOP**    **SPEAKER COACHING WORKSHOP**    **Room: Jupiter 2**  
**Moderator: Coles, Angela (United Kingdom)**

An opportunity for experienced speakers to reassess their oral presentation style and improve their impact on their audience. Registration required

**Hip**

**EXMEX**    **COMPLICATED PRIMARIES AND REVISIONS IN THA**    **Room: Jupiter 3**  
**Organiser: Macheras, George (Greece)**

- 14:00 - 14:10    Introduction  
Speaker: Macheras, George (Greece)

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- 14:10 - 14:30    THA in failed acetabular and femoral neck fracture fixation  
Speaker: Argenson, Jean-Noël (France)

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- 14:30 - 14:50    Treatment of severe CDH and protrusio cases  
Speaker: Timperley, John (United Kingdom)

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- 14:50 - 15:10    THA in metastatic disease and after pelvic or hip irradiation  
Speaker: Günther, Klaus-Peter (Germany)



THURSDAY  
2 JUNE

# Thursday 2 June

## 14:00 – 18:00

15:10 – 15:30 Revision THA in the presence of severe acetabular bone loss  
Speaker: Epinette, Jean Alain (France)

15:30 – 16:00 BREAK

16:00 – 16:20 Revision THA in the presence of severe femoral bone loss  
Speaker: Karachalios, Theofilos (Greece)

16:20 – 18:00 Controversial case discussion

## 16:00 – 16:30

### Tribology

**SYMPOSIUM** INVITED GUEST LECTURES **Room: Earth**

**Organiser: Knahr, Karl (Austria)**

How to treat failures related to articulation  
Speaker: Zagra, Luigi (Italy)

Issues and perspectives of THA with ceramic bearings in East Asia  
Speaker: Koo, Kyung-Hoi (Korea)

## 16:00 – 17:30

### General Education

**SYMPOSIUM** EFORT FELLOWSHIP **Room: Main Auditorium**  
**Organisers: Kjaersgaard-Andersen, Per (Denmark), Neyret, Philippe (France)**

Welcome  
Speaker: Kjaersgaard-Andersen, Per (Denmark)

Fellowship programme as part of the EFORT Education programme  
Speaker: Marcacci, Maurilio (Italy)

Travelling Fellowship Denmark, spring 2010 – the organiser's perspective  
Speaker: Ryge, Camilla (Denmark)

Travelling Fellowship Denmark, spring 2010 – the fellow's perspective  
Speaker: Deniz Olgun, Zeynep (Turkey)

Travelling Fellowship Switzerland, fall 2010 – the organiser's perspective  
Speaker: Büchler, Lorenz (Switzerland)

Travelling Fellowship Switzerland, fall 2010 – the fellow's perspective  
Speaker: Baronetti, Marco (Italy)

EFORT Visiting Fellowship Programme  
Speaker: Neyret, Philippe (France)

Report from a visiting fellow  
Speaker: Drescher, Wolf (Germany)

The EFORT FOUNDATION Visiting Fellowship Programme  
Speaker: Thorngren, Karl-Göran (Sweden)

Report from a visiting fellow from the FOUNDATION  
Speaker: Circi, Esra (Turkey)

Discussion with the audience

Conclusion and summary  
Speaker: Szendrői, Miklós (Hungary) / Cassiano Neves, Manuel (Portugal)

**Hip**  
**CCD THE YOUNG ADULT WITH INITIAL HIP ARTHRITIS Room: Venus 1**  
**Organiser: Leunig, Michael (Switzerland)**

Case discussions: When to refix the labrum?  
Speaker: Larson, Christopher (USA)

Case discussions: Assessment and treatment of alpha angle  
Speaker: Beaulé, Paul (Canada)

Case discussions: Learning curve in conservative hip surgery  
Speaker: Haddad, Fares (United Kingdom)

**Sports / Knee Soft-Tissue**  
**FREE PAPER MENISCUS/PATELLO FEMORAL Room: Venus 2**  
**Moderators: Kelberine, François (France), Krogsgaard, Michael (Denmark)**

Quantitative analysis of the meniscectomy after failure of meniscal repair  
Authors: Boisrenoult, Philippe / Barbier, Olivier / Pujol, Nicolas / Beaufilets, Philippe  
Speaker: Pujol, Nicolas (France)

Kinematics of the knee and the meniscus after polyurethane meniscal scaffold implantation under weightbearing condition: A Pilot Study  
Authors: Verdonk, Peter / Beekman, Pieter / De Coninck, Tineke / Verdonk, René / Raat, Frank  
Speaker: Verdonk, Peter (Belgium)

Operative compared with non-operative treatment for primary patellar dislocation: A systematic review and meta-analysis.  
Authors: Alves, Cristina / Oliveira, Carol / Murnaghan, M / Narayanan, Unni / Wright, James  
Speaker: Alves, Cristina (Canada)

Graft Extrusion in Open vs Arthroscopic Meniscus Transplantation: A 1 Year Comparative Study of 39 patients.  
Authors: Verdonk, Peter / De Coninck, Tineke / Huisse, Wouter / Verdonk, René  
Speaker: Verdonk, Peter (Belgium)

Long-term clinical and radiological follow-up of viable meniscal allografts.  
Authors: Van Der Maas, Jaap / Verdonk, Peter / Tampere, Thomas / Almqvist, Karl Fredrik / Verdonk, Rene  
Speaker: Verdonk, Peter (Belgium)

Medial Collagen Meniscus Implant vs Partial Medial Meniscectomy. Prospective 10 year min. F.U. study.  
Authors: Marcheggiani Muccioli, Giulio Maria / Zaffagnini, Stefano / Lopomo, Nicola / Bruni, Danilo / Nitri, Marco / Bonazinga, Tommaso / Grassi, Alberto / Ravazzolo, Giovanni / Molinari, Massimo / Rimondi, Eugenio / Marcacci, Maurilio  
Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

Lateral Collagen Meniscus Implant (LCMI): Prospective European Multicenter Study with 2 to 4-Year Follow-Up  
Authors: Zaffagnini, Stefano / Marcacci, Maurilio / Marcheggiani Muccioli, Giulio Maria / Bulgheroni, Paolo / Berbig, Roger / Holsten, Dirk / Lagae, Koen / Monllau, Joan / Crespo, Ricardo / Bulgheroni, Erica  
Speaker: Marcacci, Maurilio (Italy)

Treatment of persistent patellofemoral instability after failed previous surgery  
Authors: Kohn, Ludwig / Beitzel, Knut / Meidinger, Gebhart / Banke, Ingo / Münch, Marina / Beermann, Insa / Imhoff, Andreas / Schöttle, Philip  
Speaker: Kohn, Ludwig (Germany)

Reconstruction of the lateral retinaculum after failed lateral release in case of patellofemoral instability – a prospective study  
Authors: Meidinger, Gebhart / Banke, Ingo / Kohn, Ludwig / Muench, Marina / Beermann, Insa / Beitzel, Knut / Imhoff, Andrea / Schoettle, Philip  
Speaker: Meidinger, Gebhart (Germany)

16:00 – 17:30

Paediatrics

FREE PAPER

PAEDIATRIC FOOT, PATIENT'S AND PARENT'S SATISFACTION

Room: Neptune 1

Moderators: Grill, Franz (Austria), Hindsø, Klaus (Denmark)

A Prospective Study to Substantiate Reassuring Outcomes with Conservatively Managed Neonatal Fractures

Authors: Gaskin, Julian / El-Osta, Bassel / Zolczer, Laszlo

Speaker: Gaskin, Julian (United Kingdom)

Predicting the outcome for the Ponseti Method: Pirani scoring in the management of clubfoot

Authors: Peach, Chris / Davis, Naomi

Speaker: Peach, Chris (United Kingdom)

Mininvasive treatment of CF: Ponseti method Vs Seringe method

Authors: Pagnotta, Gaetano / Mascello, Dario / Oggiano, Leonardo / Novembri, Alessandra / Pagliuzzi, Alessandro / Bernocchi, Barbara / Pagliuzzi, Gherardo

Speaker: Pagnotta, Gaetano (Italy)

Conservative treatment of neonatal clubfoot by Furlong method : a detailed technique and results in 128 cases.

Authors: Rumyantsev, N

Speaker: Rumyantsev, N (Russian Federation)

Evaluation of the accuracy of the I-button for the measuring patient compliance with brace wear in Idiopathic club foot

Authors: Unnikrishnan, Prithin / Peter, Viju / Harvey, Harvey / Sampath, Jayanth

Speaker: Unnikrishnan, Prithin (United Kingdom)

The split tibialis posterior tendon transfer for the correction of spastic equinovarus hind foot deformity

Authors: Vlachou, Maria / Beris, Alex / Dimitriadis, Dimitris

Speaker: Vlachou, Maria (Greece)

Improving parental satisfaction for paediatric orthopaedic inpatients

Authors: Mariathas, Chrisan / Williams, Geraint / Pattison, Giles / Lazar, Joanna / Rashied, Muhammad

Speaker: Mariathas, Chrisan (United Kingdom)

Life quality in achondroplasia after lengthening

Authors: Correa, Eva / Miquel, Joan / Sara, Martinez / Isart, Anna / Ignacio, Ginebreda / Tapiolas, Jordi / Cáceres, Enric

Speaker: Correa, Eva (Spain)

Role of the flexible intramedullary nailing in limb lengthening in children: comparative study based on the series of 294 lengthenings

Authors: Popkov, Dmitry / Lascombes, Pierre / Popkov, Arnold / Journeau, Pierre / Haumont, Thierry

Speaker: Popkov, Dmitry (Russian Federation)

Trauma Lower Limb

FREE PAPER

HIP FRACTURES 2

Room: Neptune 3

Moderators: Stöckle, Ulrich (Germany), Duus, Benn Ronnow (Denmark)

An algorithm for hip fracture surgery reduced the one-year reoperation rate from 18% to 12%

Authors: Palm, Henrik / Krashennikoff, Michael / Holck, Kim / Lemser, Tom / Foss, Nicolai / Jacobsen, Steffen / Kehlet, Henrik / Gebuhr, Peter

Speaker: Palm, Henrik (Denmark)

Selected within the best Free Papers

Time to fixation of femoral neck fracture in patients aged under 60 – does this matter in the development of avascular necrosis of femoral head

Authors: El-Osta, Bassel / Connolly, Michelle / Soueid, Hassan / Kumaralingam, Preyankhee / Ravikumar, Kasseti / Razik, Fathima / Alexopoulos, Anastasia-Stefania

Speaker: El-Osta, Bassel (United Kingdom)

Preoperative factors predicting in-hospital mobility outcome in patients with hip fracture following a multimodal fast-track rehabilitation concept.

Authors: Kristensen, Morten / Kehlet, Henrik

Speaker: Kristensen, Morten (Denmark)

Fear of falling in patients with hip fractures

Authors: Gómez-Galván, Mercedes / Román, Silvia / Quirós, Inmaculada / Quiles, Manuel  
Speaker: Gómez-Galván, Mercedes (Spain)

The second hip fracture in the elderly

Authors: Volpin, Gershon / Yacovi, Tim / Lichtenstein, Leonid / Kirshner, Genadi / Grimberg, Bernard / Shtarker, Haim / Kaushanski, Alexander / Stolero, Zack  
Speaker: Volpin, Gershon (Israel)

Cost Analysis of a Falls Prevention Program in an Elective Orthopaedic Setting

Authors: Galbraith, John / Butler, Joseph / Memon, Adeel / Murphy, Rosmary / Dolan, Mark / Harty, James  
Speaker: Galbraith, John (Ireland)

Shorter hospital stay in hip fracture patients in an interdisciplinary orthogeriatric setting.

Authors: Nymark, Tine / Lindoe, Lars / Al-Maleh, Ahsan  
Speaker: Nymark, Tine (Denmark)

Simple Stratification System For Neck of Femur fracture patients

Authors: Elsofay, Kareem / Mchaourab, Ahmad / Deo, Sunny  
Speaker: Elsofay, Kareem (United Kingdom)

Initiation of orthogeriatric collaboration showed improvements in operative and perioperative management of hip fracture patients: preliminary results from a population-based study

Authors: Nuotio, Maria / Jokipii, Pekka / Viitanen, Hanna / Jousmäki, Janne / Helminen, Heli / Jämsen, Esa / Mäki-Rajala, Aila / Jäntti, Pirkko  
Speaker: Nuotio, Maria (Finland)

Knee osseous

FREE PAPER

TOTAL KNEE ARTHROPLASTY AND OUTCOME

Room: Neptune 4

Moderators: Sur, Hakki (Turkey), Toksvig-Larsen, Soren (Sweden)

Impact of Procedure Volume on the Results of Total Knee Arthroplasty

Authors: Badawy, Mona / Espehaug, Birgitte / Indrekvam, Kari / Furnes, Ove  
Speaker: Badawy, Mona (Norway)

Bilateral Simultaneous Total Knee Arthroplasties in High Body Mass Index (BMI) patients.

Authors: Malhi, Arfan / Bohm, Eric / Hedden, David / Burnell, Colin / Turgeon, Thomas  
Speaker: Malhi, Arfan (Canada)

Does Overweight and Obesity Influence the clinical Outcome and the Quality of life at five years following primary total knee replacement?

Authors: Liljensoe, Anette / Laursen, Jens Ole / Mechlenburg, Inger  
Speaker: Liljensoe, Anette (Denmark)

Bridging The Treatment Gap: A Load Absorber Solution For Young, Active Knee OA Patients

Authors: London, Nicholas / Hayes, David / Waller, Craig / Smith, Jon / Williams, Rhys  
Speaker: London, Nicholas (United Kingdom)

Simultaneous Management of Hand to Knee and Shortening Problems in Poliomyelitis.

Authors: Allam, Ahmad  
Speaker: Allam, Ahmad (Egypt)

Chronic obstructive lung disease, impaired knee flexion and younger age increase the risk for stiffness after total knee arthroplasty

Authors: Hailer, Nils / Widerström, Erik / Mallmin, Hans  
Speaker: Hailer, Nils (Sweden)

The patellofemoral kinematics in patients with neglected developmental dysplasia of hip (DDH)

Authors: Aksahin, Ertugrul / Guzel, Ahmet / Yuksel, Halil / Celebi, Levent / Erdogan, Aysun / Aktekin, Cem / Bicimoglu, Ali  
Speaker: Aksahin, Ertugrul (Turkey)

EORS



Knee osseous

**SPECIALTY SESSION** RECENT RESEARCH IN TKA Moderator: Gomez-Barrena, Enrique (Spain) Room: Jupiter 4

Introduction

Moderator: Gomez-Barrena, Enrique (Spain)

High flex knee biomechanics and design

Speaker: Verdonshot, Nico (The Netherlands)

RSA and fluoroscopy for assessment of TKA

Speaker: Valstar, Edward (The Netherlands)

Functional evaluation of TKA: The extensor mechanism

Speaker: Gomez-Barrena, Enrique (Spain)

Wear measurements in TKA

Speaker: Grimm, Bernd (The Netherlands)

Diagnosis in the infected TKA: Sonication and PCR

Speaker: Esteban, Jaime (Spain)

General discussion

Tribology

**FREE PAPER SESSION – 3 MINUTES** CLINICAL OUTCOME IN THA AND IN TKA WEAR Room: Earth  
Moderators: Zagra, Luigi (Italy), Kärrholm, Johan (Sweden)

Long-term reduction of wear and osteolysis with crosslinked PE? 13-years follow-up of a prospectively randomized comparison with conventional PE.

Authors: Grimm, Bernd / Tonino, Alfons / Heyligers, Ide  
Speaker: Grimm, Bernd (Netherlands)

UHMWPE wear using the mallory head cementless total hip prosthesis. a long term clinical follow up study

Authors: Van Der Weegen, Walter / Hoekstra, Henk / Sybesma, Thea  
Speaker: Hoekstra, Henk (Netherlands)

Complications and five year clinical outcomes in metal-on-metal vs. PE-ceramic total hip arthroplasties

Authors: Lübbecke, Anne / Garavaglia, Guido / Roussos, Constantinos / Barea, Christophe / Peter, Robin / Hoffmeyer, Pierre  
Speaker: Lübbecke, Anne (Switzerland)

Report the 18-year clinical outcome data in a homogeneous and continuous series of 103 primary total hip replacements after implantation of a dual mobility cementless titanium cup.

Authors: Philippot, Remy / Camilleri, Jean Philippe / Boyer, Bertrand / Farizon, Frederic  
Speaker: Philippot, Remy (France)

Review of Ceramic/Ceramic bearings in Hydroxyapatite Coated Hip Implants. A Clinical and Radiological Evaluation with up to nineteen year follow up.

Authors: Buchanan, James / Buchanan, James / Fletcher, David / Linsley, Peter  
Speaker: Buchanan, James (United Kingdom)

The ABG II prosthesis with Alumina on Alumina bearing – a continuous Series at mean 8.5 years follow up.

Authors: Essig, Jerome / Nourissat, Christian / Asencio, Gérard  
Speaker: Essig, Jerome (France)



A Multi-center Study of the Mid-term Wear Results of Highly Cross-linked Polyethylene THR Components

Authors: Bragdon, Charles / Martell, John / Jarrett, Bryan / Clohisy, John / White, Richard / Goldberg, Victor / Della Valle, Craig / Berry, Daniel / Johanson, Per-Erik / Harris, William / Malchau, Henrik  
Speaker: Bragdon, Charles (United States)



Influence of different kinds of third-body particles on the wear rate of unicompartmental knee prostheses after minimally invasive knee arthroplasty.

Authors: Schröder, Christian / Utzschneider, Sandra / Grupp, Thomas / Fritz, Bernhard / Jansson, Volkmar  
Speaker: Schröder, Christian (Germany)

In-vitro Study of Three Body Wear at Tibial Polyethylene Inserts Articulating with Metallic and Ceramic Femoral Components for Total Knee Replacement

Authors: Zietz, Carmen / Fritsche, Andreas / Lange, Regina / Mittelmeier, Wolfram / Bader, Rainer  
Speaker: Zietz, Carmen (Germany)

Ceramic Knee Components – Innovative Proof Test Development and Test Concept

Authors: Pandorf, Thomas / Preuss, Roman / Flohr, Markus / Uppmann, Carsten  
Speaker: Uppmann, Carsten (Germany)

Matched pair TKA retrieval analysis: Oxidized zirconium vs. CrCoMo

Authors: Heyse, Thomas / Chen, Dan / Kelly, Natalie / Boettner, Friedrich / Wright, Timothy / Haas, Steven  
Speaker: Heyse, Thomas (Germany)

Effects of Tibial Insert Slope on Polyethylene Wear

Authors: Angibaud, Laurent / Stulberg, Bernard / Mabrey, Jay / Covall, David / Burstein, Albert / Steffens, Jason / Haider, Hani  
Speaker: Angibaud, Laurent (United States)

### Foot / Ankle / Leg

FREE PAPER

#### TENDONS AND LIGAMENTS

Room: Mars

Moderators: Badekas, Thanos (Greece), Viladot Voegeli, Antonio (Spain)

Percutaneous suture of acute Achille tendon rupture A study of 60 cases

Authors: Rouvillain, Jean Louis / Navarre, Thomas / Labrada Blanco, Octavio / Daoud, Wael / Garron, Emmanuel / Cotonea, Yann  
Speaker: Rouvillain, Jean Louis (France)

The clinical incidence of venous thromboembolism (VTE) after acute Achilles tendon rupture managed by plaster cast versus functional mobilisation.

Authors: Gulati, A / Walker, C / Bhatia, M  
Speaker: Gulati, A (United Kingdom)

Medial displacement calcaneal osteotomy and FDL transfer for acquired flatfoot deformity: a short to intermediate time follow – up.

Authors: Bock, Peter / Pittermann, Michael  
Speaker: Bock, Peter (Austria)

Medial Column Insufficiency of the Foot

Authors: Loveday, David / Geary, Nick  
Speaker: Loveday, David (United Kingdom)

A Prospective, Randomized Comparison between Modified Brostrom Procedure using Single and Double Suture Anchor for Chronic Lateral Ankle Instability

Authors: Cho, Byung Kii / Kim, Yong Min  
Speaker: Cho, Byung Kii (Korea, Republic of)

Chronic ankle instability: Long term follow-up of lateral-ligament reconstructions. A 310 cases report.

Authors: Tourne, Yves / Mabit, Christian / Besse, Jean-Luc / Bonnel, Francois / Toullec, Eric  
Speaker: Tourne, Yves (France)

# Friday 3 June

Room	Main Auditorium Ground Floor	Earth Ground Floor	Venus 1 1st Floor	Venus 2 1st Floor	Venus 3 1st Floor	Mars Ground Floor	Neptune 1 Exhibition Area	Neptune 2 Exhibition Area	Neptune 3 Exhibition Area	Neptune 4 Exhibition Area	Jupiter 3 1st Floor	Jupiter 4 1st Floor	Room		
Hour													Hour		
08:00	The unstable total hip replacement Hip Symposium	Treatment options in pelvic fractures Polytrauma / Pelvis Free Paper Session	Complex proximal humeral fractures. What we know, where we are and where we go Shoulder / Elbow / Arm / Forearm Symposium	Ankle replacement versus ankle arthrodesis Foot / Ankle / Leg Symposium	Complex fracture of distal part of radius Hand and Wrist Symposium	Management of early and chronic Implant-associated infections Infection Specialty Session EHS/EBJIS	EFORT-EULAR guideline on management of the patient with fragility fracture Polytrauma / Pelvis Symposium	Current concepts for the treatment of clubfeet Paediatrics Symposium	Comprehensive review course General Education  Registration required	Value based health care: Health economic considerations in orthopaedic surgery General Orthopaedic Symposium	ACL reconstruction Sports / Knee Soft-Tissue Free Paper Session	Foot and ankle (prosthesis) Foot / Ankle / Leg Difficult Case Presentations	08:00		
08:30													08:30		
09:00													09:00		
09:30	Osteotomies around the knee Knee osseous Instructional Lectures	Management of pelvic fractures Polytrauma / Pelvis Instructional Lectures	The Reverse Shoulder Prosthesis Shoulder / Elbow / Arm / Forearm Instructional Lectures	Surgical treatment of calcaneal fractures Foot / Ankle / Leg Instructional Lectures	Scaphoid fractures Hand and Wrist Instructional Lectures	Surgical management of tuberculosis of the spine Spine (incl. Trauma) Instructional Lectures	Bone loss around the acetabular component Hip Instructional Lectures	09:30							
10:00	10:00														
10:30	10:30														
10:30	Fast track treatment and rehabilitation in orthopaedic surgery Pain control / Rehabilitation and Non-Surgical Management Plenary Session	"Setting sails for a new life" - Veteran Symposium Trauma Lower Limb Symposium		Diseases in the forefoot Foot / Ankle / Leg Free Paper Session	Hand surgery in Dupuytren's disease carpal tunnel syndrom and scapholunate instability Hand and Wrist Free Paper Session	Revision surgery Foot / Ankle / Leg Free Paper Session	Osteoporosis in spine and hip surgery Osteoporosis Free Paper Session	11:00							
11:00								11:00							
11:30								11:30							
12:00	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK	BREAK		BREAK	BREAK		BREAK	BREAK	12:00
12:30	Large Head THA: What are the options? Hip Satellite Symposium Stryker SA	Accelerating patient recovery in THA Shoulder / Elbow / Arm / Forearm Satellite Symposium BIOMET	Improving quality of care while reducing costs: The Rapid Recovery programme General Orthopaedic Satellite Symposium BIOMET	Achieving optimal outcomes in TKA - Solutions for Alignment Knee osseous Satellite Symposium Zimmer GmbH	Opening up the debate on Dupuytren's contracture: New advances in treatment Hand and Wrist Satellite Symposium Pfizer LTD	Hips - "25 Years Of Corail®: Past, Present and Future" Hip Satellite Symposium DePuy EMEA		Join the RE-VOLUTION®: Changing practice in total hip and knee arthroplasty General Orthopaedic Satellite Symposium Boehringer Ingelheim	Comprehensive review course General Education  Registration required	THE KNEE - Proven Performance meets continuous Innovation Knee osseous Satellite Symposium Smith & Nephew Orthopaedics AG	Surgical Site Infection in Total Hip & Knee Arthroplasty Infection Satellite Symposium ConvaTec	12:30			
13:00												13:00			
13:30												13:30			
14:00	Femoracetabular impingement and it's consequences to cartilage damage Hip Free Paper Session	Efficient management of pelvic trauma Polytrauma / Pelvis Free Paper Session	Visualization of spine deformities - 3D becoming a reality - the EOS system Spine (incl. Trauma) Controversial Case Discussion	Joint arthroplasty in foot and ankle (excluding TAR) Foot / Ankle / Leg ExMEx  Registration required	Difficult cases in hand surgery Hand and Wrist Free Paper Session	Special issues on infections of implants Infection Specialty Session	Proximal femur fractures in the elderly - in collaboration with the "Fragility-Fracture Network" Polytrauma / Pelvis Symposium	Management of lesions adjacent to joint and growth plates Paediatrics Specialty Session EPOS		Comprehensive review course General Education  Registration required	Miscellaneous Spine (incl. Trauma) Free Paper Session	Outcomes / revision ACL / PCL Sports / Knee Soft-Tissue Free Paper Session	Sports Injuries in the knee (ligament, chondral lesions, osteotomies) Sports / Knee Soft-Tissue Difficult Case Presentations	14:00	
14:30														14:30	
15:00														15:00	
15:30	20 Years of JOINT EFFORTS: Join us and celebrate with us! Today: During the official break from 15.30 to 16.00 in the Poster Area												15:30		
16:00	Technique / device Hip Free Paper Session	From the bench to the operation room Shoulder / Elbow / Arm / Forearm Free Paper Session	Surgical options in degenerated lumbar spine Spine (incl. Trauma) Controversial Case Discussion	Joint arthroplasty in foot and ankle (excluding TAR) Foot / Ankle / Leg ExMEx  Registration required	Distal radius fractures Trauma Upper Limb Free Paper Session	How to write a clinical paper, how to prepare a research paper, how to review a paper General Education Specialty Session JBJS	Proximal femur fractures in the elderly - in collaboration with the "Fragility-Fracture Network" Polytrauma / Pelvis Symposium	Management of lesions adjacent to joint and growth plates Paediatrics Specialty Session EPOS			Comprehensive review course General Education  Registration required	Vertebro and kyphoplasty Spine (incl. Trauma) Free Paper Session	Bone grafting / tissue engineering General Orthopaedic Free Paper Session	16:00	
16:30														16:30	
17:00														17:00	
17:30									17:30						

GENERAL ORTHOPAEDICS
  UPPER LIMB
  LOWER LIMB
  SPINE
  TRAUMA/POLY-TRAUMA
  PAEDIATRICS
  GENERAL EDUCATION

FRIDAY  
3 JUNE

FRIDAY  
3 JUNE

08:00 – 09:30

Hip

**SYMPOSIUM**      **THE UNSTABLE TOTAL HIP REPLACEMENT**      **Room: Main Auditorium**  
**Organiser: Overgaard, Søren (Denmark)**

How to treat the unstable hip conservatively- Current evidence of conservative treatment- Is there an indication for brace- Discussion  
 Speaker: Krismer, Martin (Austria)

How to prevent the unstable hip-Patient selection-Surgical tips and tricks-Choice of component-Discussion  
 Speaker: Bannister, Gordon (United Kingdom)

How to treat the unstable hip surgically- Malpositioning of components- Magnum heads, double mobility cup, constrained liners- Indication for extraction of components- Discussion  
 Speaker: Timperley, John (United Kingdom)

Polytrauma / Pelvis

**FREE PAPER**      **TREATMENT OPTIONS IN PELVIC FRACTURES**      **Room: Earth**  
**Moderators: Peter, Robin (Switzerland), Schultz Larsen, Morten (Denmark)**

Primary total hip replacement after neglected acetabular fractures  
 Authors: Iotov, Andrey / Ivanov, Vladimir / Tzachev, Nedelcho / Baltov, Asen / Liliyanov, Danail / Kraevsky, Pavel / Zlatev, Borislav / Kostov, Dimitar  
 Speaker: Iotov, Andrey (Bulgaria)

Compression across the sacroiliac joint using a supraacetabular anterior pelvic fixator: A new modular compression device for improved application  
 Authors: Sellei, Richard / Kobbe, Phillip / Knobe, Matthias / Lichte, Phillip / Pfeifer, Roman / Schmidt, Martin / Turner, James / Grice, John / Pape, Hans  
 Speaker: Sellei, Richard (Germany)

Long Term Outcome after Displaced Sacral Fractures Treated with Internal Fixation  
 Authors: Adelled, Aron / Totterman, Anna / Glott, Thomas / Madsen, Jan Erik / Roise, Olav  
 Speaker: Adelled, Aron (Norway)

Is a fracture of the transverse process of L5 a predictor of pelvic fracture instability?  
 Authors: Starks, Ian / Frost, Andrew / Wall, Peter / Lim, Justin  
 Speaker: Wall, Peter (United Kingdom)

Radiological landmarks for the extra-capsular placement of supra-acetabular external fixator  
 Authors: Heidari, Nima / Lidder, Surjit / Grechenig, Wolfgang / Weinberg, Annelie / Tesch, Norbert / Gänsslen, Axel  
 Speaker: Heidari, Nima (Austria)

Micro-surgical Cover of Blast Injuries of the Extremities by Closed-Open Technique of Flap Closure  
 Authors: Bumbasirevic, Marko / Vuckovic, Cedo / Manojlovic, Radovan / Lesic, Aleksandar  
 Speaker: Bumbasirevic, Marko (Serbia)

Biomechanical comparative study between of two techniques for stabilization of suicidal jumper's fracture  
 Authors: Köhler, Daniel / Pohlemann, Tim / Culemann, Ulf  
 Speaker: Köhler, Daniel (Germany)

Prognostic factors after both-column acetabular fractures  
 Authors: Lichte, Philipp / Kobbe, Philipp / Sellei, Richard / Knobe, Mathias / Pape, Hans  
 Speaker: Lichte, Philipp (Germany)

The Fate of Symphysis Pubis Plating in Anterior Pelvic Ring Injuries  
 Authors: Morris, Stephen / Loveridge, Jeremy / Torrie, Alexander / Smart, David / Baker, Richard / Ward, Anthony / Chesser, Timothy  
 Speaker: Morris, Stephen (United Kingdom)

08:00 - 09:30

Shoulder / Elbow / Arm / Forearm

**SYMPOSIUM**    **COMPLEX PROXIMAL HUMERAL FRACTURES. WHAT WE KNOW, WHERE WE ARE AND WHERE WE GO**    **Room: Venus 1**

**Organiser: Björkenheim, Jan-Magnus (Finland)**

Constervative treatment of complex fractures of the proximal humerus in elderly  
Speaker: Olsson, Christian (Sweden)

Mid-long term results of osteosynthesis of comminuted proximal fractures and a critical review of what we know  
Speaker: Paavola, Mika (Finland)

Complex proximal humeral fractures-hemoarthroplasty. Results seen from the Swedish Arthroplasty Register  
Speaker: Salomonsson, Björn (Sweden)

Proximal humeral fractures treated with a reverse prosthesis. Clinica perspective and future possibilities.  
Speaker: Björkenheim, Jan-Magnus (Finland)

Foot / Ankle / Leg

**SYMPOSIUM**    **ANKLE REPLACEMENT VERSUS ANKLE ARTHRODESIS**    **Room: Venus 2**

**Organiser: Giannini, Sandro (Italy)**

Advantages of ankle prostheses (part 1)  
Speaker: Giannini, Sandro (Italy)

Advantages of ankle prostheses (part 2)  
Speaker: Kofoed, Hakon (Denmark)

Advantages of ankle arthrodesis (part 1)  
Speaker: Louwerens, Jan Willem (The Netherlands)

Advantages of ankle arthrodesis (part 2)  
Speaker: Viladot Voegeli, Antonio (Spain)

Hand and Wrist

**SYMPOSIUM**    **COMPLEX FRACTURE OF DISTAL PART OF RADIUS**    **Room: Venus 3**

**Organiser: Massin, Philippe (France)**

Relation reduction quality/complications  
Speaker: Kopylov, Philippe (Sweden)

How I reduce a complex fracture of the distal radius?  
Speaker: Da Rin, Fernando (Italy)

Do locking plates solve every problem in the fixation of complex distal radius fractures?  
Speaker: Fernandez, Diego (Switzerland)

Does external fixation belong definitely to the past?  
Speaker: Massin, Philippe (France)

Polytrauma / Pelvis

**SYMPOSIUM**    **EFORT-EULAR GUIDELINE ON MANAGEMENT OF THE PATIENT WITH FRAGILITY FRACTURE**    **Room: Neptune 1**

**Organisers: Dreinhöfer, Karsten (Germany), Lems, Willem (The Netherlands)**

EFORT / EULAR Symposium  
Speakers: Geussens, Piet (Belgium) / Woolf, Anthony (United Kingdom)

08:00 – 09:30

**Paediatrics**

**SYMPOSIUM** CURRENT CONCEPTS FOR THE TREATMENT OF CLUBFEET **Room: Neptune 2**

**Organiser: Krauspe, Rüdiger (Germany)**

Pathoanatomy of bones and joints and soft tissues in clubfeet, implications for treatment protocols  
Speaker: Westhoff, Bettina (Germany)

Evolution of non-operative and operative treatment protocols in clubfeet  
Speaker: Grill, Franz (Austria)

Indications and limitations for non-operative methods (French method, Ponseti) and surgical solutions for non-responders  
Speaker: Dimeglio, Alain (France)

**General Orthopaedic / Complications / Basic Science / Technology**

**SYMPOSIUM** VALUE BASED HEALTH CARE: HEALTH ECONOMIC CONSIDERATIONS IN ORTHOPAEDIC SURGERY **Room: Neptune 4**

**Organiser: Marshall, Deborah (Canada)**

Costing of alternative clinical pathways for total joint replacement. The Alberta hip and knee replacement project  
Speaker: Marshall, Deborah (Canada)

Clinical effectiveness and cost-effectiveness and economic modelling of minimal incision total hip replacement approaches in the management of arthritic disease of the hip – a report from the National Health Service  
Speaker: Vale, Luke (United Kingdom)

Determinants of hospital costs and performance variation of hip replacement – A comparative analysis across Europe  
Speaker: Geissler, Alexander (Germany)

**Sports / Knee Soft-Tissue**

**FREE PAPER** ACL RECONSTRUCTION **Room: Jupiter 3**

**Moderators: Seil, Romain (Luxembourg), Lind, Martin (Denmark)**

The Infra-Patellar Branch of the Saphenous nerve: Its course in relation to ACL reconstruction  
Authors: Karuppiah, Saravana / Walshaw, Tom / Karuppiah, Saravana / Stewart, Ian  
Speaker: Walshaw, Tom (United Kingdom)

Value of Anthropometric Features in Predicting the Hamstring Autograft Thickness Obtained At Anterior Cruciate Ligament Reconstruction Surgery:  
Authors: Thomas, Suresh / Bhattacharya, R / Saltikov, J / Kramer, D  
Speaker: Thomas, Suresh (United Kingdom)

A simple utility suture for grasping hamstring autograft: Description and mechanical testing  
Authors: Da Assuncao, Ruy / Haddad, Roger / Bruce, Warwick / Walker, Peter / Walsh, William  
Speaker: Da Assuncao, Ruy (United Kingdom)

Compression of the graft for ACL reconstruction – Biomechanical characterization of a new method  
Authors: Meyer, Dominik / Snedeker, Jess / Koch, Peter / Weinert-Aplin, Robert / Farshad, Mazda  
Speaker: Meyer, Dominik (Switzerland)

Partial rupture of the Anterior Cruciate Ligament Correlation between MRI and Arthroscopy  
Authors: Cantin, Olivier / Cantin, Olivier / Chouteau, Julien / Henry, Julien / Viste, Anthony / Fessy, Michel-Henri / Moyen, Bernard  
Speaker: Cantin, Olivier (France)

Augmentation Technique With Hamstring Tendons In Chronic Partial Lesions Of ACL: Clinical And Arthrometric Analysis  
Authors: Giannini, Sandro / Vannini, Francesca / Buda, Roberto / Di Caprio, Francesco / Marco, Cavallo / Ruffilli, Alberto  
Speaker: Vannini, Francesca (Italy)

08:00 – 09:30

Double bundle ACL reconstruction with hamstring versus single bundle reconstruction with patellar tendon.  
Results – 1 year of follow-up

Authors: Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Basto, Tiago / Lourenço, João  
Speaker: Fraga Ferreira, José (Portugal)

Intra-Operative Laxity ACL Reconstruction Assessment by CAS: Anatomic Double-Bundle Vs Over-The-Top Single-Bundle plus Extra-Articular Tenodesis

Authors: Zaffagnini, Stefano / Marcheggiani Muccioli, Giulio Maria / Bonanzinga, Tommaso / Signorelli, Cecilia / Lopomo, Nicola / Bignozzi, Simone / Bruni, Danilo / Nitri, Marco / Bondi, Alice / Marcacci, Maurizio  
Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

08:00 – 10:30

## EHS/EBJIS



### Infection

#### SPECIALTY SESSION

#### MANAGEMENT OF EARLY AND CHRONIC IMPLANT-ASSOCIATED INFECTIONS

Room: Mars

Moderators: Macheras, George (Greece), Wagner, Christof (Germany)

The impact of bacterial biofilms

Speaker: Wagner, Christof (Germany)

Let's define an early infection!

Speaker: Krismer, Martin (Austria)

How to diagnose an early infection

Speaker: Borens, Olivier (Switzerland)

Wound closure and wound monitoring: How relevant?

Speaker: Zagra, Luigi (Italy)

Are there effective pharmacological tools against biofilm?

Speaker: Trampuz, Andrej (Switzerland)

Is there a golden standard treatment approach?

Speaker: Romano, Carlo (Italy)

Discussion

Moderators: Garcia Cimbrello, Eduardo (Spain), Malizos, Konstantinos (Greece)

The modern diagnostic protocol

Speaker: Trebse, Rihard (Slovenia)

Girdlestone procedure: When and why

Speaker: Cordero-Ampuero, José (Spain)

In favour of one-stage

Speaker: Wodtke, Joachim (Germany)

In favour of two-stages

Speaker: Macheras, George (Greece)

Advantages and disadvantages of different type of spacers

Speaker: Vogely, Charles (The Netherlands)

Bone grafting and one-stage revision

Speaker: Winkler, Heinz (Austria)

Bone grafting and two-stage revision

Speaker: Buttaro, Martin (Argentina)

Discussion

09:00 – 11:00

Foot / Ankle / Leg

**DIFFICULT CASE PRESENTATIONS** **FOOT AND ANKLE (PROSTHESIS)** Room: Jupiter 4  
Organisers: Frøkjær, Johnny (Denmark), Delmi, Marino (Switzerland)

Gorham-Stout disease. A case report  
Speaker: Delgado Ramirez, Jorge

Lateral ulcers in varus foot deformity  
Speaker: Symeonidis, Panagiotis

Treatment of complex ankle foot deformity with shortness of leg  
Speaker: Salameh, Ghasaan

09:30 – 10:30

Knee osseous

**INSTRUCTIONAL LECTURES** **OSTEOTOMIES AROUND THE KNEE** Room: Main Auditorium  
Moderator: Neyret, Philippe (France)

Lecturer: Hofmann, Siegfried (Austria)

Polytrauma / Pelvis

**INSTRUCTIONAL LECTURES** **MANAGEMENT OF PELVIC FRACTURES** Room: Earth  
Moderator: Schultz Larsen, Morten (Denmark)

Lecturer: Giannoudis, Peter (United Kingdom)

Shoulder / Elbow / Arm / Forearm

**INSTRUCTIONAL LECTURES** **THE REVERSE SHOULDER PROSTHESIS** Room: Venus 1  
Moderator: Björkenheim, Jan-Magnus (Finland)

Lecturer: Torrens, Carlos (Spain)

Foot / Ankle / Leg

**INSTRUCTIONAL LECTURES** **SURGICAL TREATMENT OF CALCANEAL FRACTURES** Room: Venus 2  
Moderator: Schneider, Wolfgang (Austria)

Lecturer: Cohen, Zvi (Israel)

Hand and Wrist

**INSTRUCTIONAL LECTURES** **SCAPHOID FRACTURES** Room: Venus 3  
Moderator: Fernandez, Diego (Switzerland)

Lecturer: Dias, Joseph J. (United Kingdom)

Spine (incl. Trauma)

**INSTRUCTIONAL LECTURES** **SURGICAL MANAGEMENT OF TUBERCULOSIS OF THE SPINE** Room: Neptune 1  
Moderator: Dahl, Benny (Denmark)

Lecturer: Alanay, Ahmet (Turkey)

09:30 – 10:30

Hip

**INSTRUCTIONAL LECTURES** BONE LOSS AROUND THE ACETABULAR COMPONENT Room: Neptune 2  
Moderator: Ovesen, Ole (Denmark)

Lecturer: Howell, Jonathan (United Kingdom)

General Orthopaedic / Complications / Basic Science / Technology

**INSTRUCTIONAL LECTURES** IMAGING MODALITIES. CLINICAL APPLICATION IN ORTHOPAEDICS Room: Jupiter 3  
Moderator: Ruggieri, Pietro (Italy)

Lecturer: Mamisch, Charles (Switzerland)

09:30 – 11:00

Spine (incl. Trauma)

**FREE PAPER** HEALTH ECONOMY AND OUTCOME Room: Neptune 4  
Moderators: Franke, Jörg (Germany), Gehrchen, Martin (Denmark)

Cost-effectiveness of balloon kyphoplasty (BKP) vs. standard medical treatment for vertebral compression fractures due to osteoporosis in Sweden – a multicenter RCT with a two-year follow up

Authors: Peter, Fritzell / Ohlin, Acke / Borgström, Fredrik

Speaker: Peter, Fritzell (Sweden)

The Litigation Burden to the NHS from Spinal injuries and surgery: Analysis of 236 Consecutive Closed Claims

Authors: Bhutta, Mohammed / Cross, Charlotte

Speaker: Cross, Charlotte (United Kingdom)

Can epidemiological factors predicting the outcome of degenerative lumbar surgery?

Authors: Lozano Alvarez, Carlos / Ramirez Valencia, Manolo / Matamalas Adrover, Antonia / Molina Ros, Antoni / Garcia De Frutos, Ana Clara / Saló Bru, Guillem / Lladó Blanch, Andreu / Cáceres Palou, Enric

Speaker: Lozano Alvarez, Carlos (Spain)

Quality of Life after Conservative and Operative Therapy for Spondylodiscitis

Authors: Sobottke, Rolf / Siewe, Jan / Eysel, Peer / Delank, Karl-Stefan

Speaker: Sobottke, Rolf (Germany)

Relationship between postoperative pain and outcome of surgery for degenerative lumbar pathology, are there any influence?

Authors: Lozano Alvarez, Carlos / Ramirez Valencia, Manolo / Matamalas Adrover, Antonia / Molina Ros, Antoni / Garcia De Frutos, Ana Clara / Saló Bru, Guillem / Lladó Blanch, Andreu / Cáceres Palou, Enric

Speaker: Lozano Alvarez, Carlos (Spain)

3 year results of the anterior transarticular C1-2 fusion in atlanto-axial instabilities of elder patients

Authors: Josten, Christoph / Jarvers, Jan-Sven / Riesner, Hans-Joachim / Franck, Alexander / Glasmacher, Stefan / Schmidt, Christian

Speaker: Josten, Christoph (Germany)

Surgical treatment of lumbar juxtafacet cyst with full endoscopic interlaminar and trans-/extraforaminal approach– Prospective randomized controlled study with 60 patients

Authors: Hahn, Patrick / Komp, Martin / Merk, Harry / Godolias, Georgios / Ruetten, Sebastian

Speaker: Hahn, Patrick (Germany)

10:30 – 12:00

Trauma Lower Limb

**SYMPOSIUM** SETTING SAILS FOR A NEW LIFE – VETERAN SYMPOSIUM Room: Earth  
Organisers: Hindsø, Klaus (Denmark), Warburg, Finn (Denmark)

How and why – rehabilitation of disabled veterans. Technical, social, and political aspects of gaining new goals in future life.



10:30 – 12:00

**Pain control / Rehabilitation and Non-Surgical Management**

**PLENARY SESSION**      **FAST TRACK TREATMENT AND REHABILITATION IN ORTHOPAEDIC SURGERY**      **Room: Main Auditorium**  
**Organiser: Kjaersgaard-Andersen, Per (Denmark)**

**Introduction**

Speaker: Kjaersgaard-Andersen, Per (Denmark)

**Fast-track surgery – what is it and why should we do it?**

Speaker: Kehlet, Henrik (Denmark)

**The impact of changing pain treatment protocol in total joint replacement**

Speaker: Soeballe, Kjeld (Denmark)

**Accelerated treatment programmes for elderly patients with hip fractures**

Speaker: Thorngren, Karl-Göran (Sweden)

**Can all orthopaedic surgical procedures be accelerated?**

Speaker: Hoffmeyer, Pierre (Switzerland)

**Panel debate with all presenters and auditorium**

Speaker: Kjaersgaard-Andersen, Per (Denmark)



**Foot / Ankle / Leg**

**FREE PAPER**      **DISEASES IN THE FOREFOOT**      **Room: Venus 2**  
**Moderators: Barouk, Pierre (France), Knessl, Jürg (Switzerland)**

**PIPJ arthrodesis using SMART TOE® : An alternate method for correction of claw toe deformity**

Authors: Zafar, Mohammad / Zafar, Mohammad / Gadgil, Anirudh

Speaker: Zafar, Mohammad (United Kingdom)

**Long-term Results of the Surgical Treatment of Claw Toe Deformity with Resection Arthroplasty Combined with Weil Osteotomy**

Authors: Thoma, Sofia / Kotsonis, Alexandros / Alexandris, Athanasios / Trahalios, Charisios / Psychoyios, Vasiliios

Speaker: Thoma, Sofia (Greece)

**Combined SERI-Akin osteotomy for surgical treatment of metatarsophalangeal and interphalangeal hallux valgus. Clinical and radiographic results at 5-year follow-up.**

Authors: Giannini, Sandro / Faldini, Cesare / Pagkrati, Stavroula / Nanni, Matteo / Leonetti, Danilo / Acri, Francesco /

Miscione, Maria Teresa / Chehrassan, Mohammadreza / Persiani, Valentina / Capra, Paola / Galante, Caludio / Bonomo, Marco

Speaker: Giannini, Sandro (Italy)

**A prospective comparative study and CT analysis of interphalangeal toe arthrodesis using bioabsorbable pin compared to a removable metal pin**

Authors: Dhaliwal, Jagwinder / Dhaliwal, Jagwinder / Brown, Rick / Shaw, Matthew

Speaker: Dhaliwal, Jagwinder (United Kingdom)

**Morton's Neuroma: A clinical versus radiological diagnosis?**

Authors: Pastides, Philip / El Sallakh, Sam / Charalambides, Charalambides

Speaker: Pastides, Philip (United Kingdom)

Selected within the best Free Papers

**MINI TIGHT-ROPE: forefoot percutaneous surgery complement for severe Hallux valgus treatment**

Authors: Sanchis Amat, Raquel / Crespo Gonzalez, Daniel / Juando Amores, Carlos / Espi Esciva, Francisco / Balaguer Andres, Jaime

Speaker: Sanchis Amat, Raquel (Spain)

**High grade hallux rigidus treated by arthroplasty using bioreabsorbable implant. Results at a minimum 5-year follow-up.**

Authors: Giannini, Sandro / Faldini, Cesare / Pagkrati, Stavroula / Leonetti, Danilo / Nanni, Matteo / Acri, Francesco /

Miscione, Maria Teresa / Chehrassan, Mohammadreza / Persiani, Valentina / Capra, Paola / Galante, Caludio / Bonomo, Marco

Speaker: Giannini, Sandro (Italy)

**Toe pronation and nail orientation in hallux valgus**

Authors: Gómez-Galván, Mercedes / Bernaldez, Maria Jose / Nicolás, Rebeca / Quiles, Manuel

Speaker: Gómez-Galván, Mercedes (Spain)

10:30 – 12:00

Hand and Wrist

FREE PAPER

HAND SURGERY IN DUPUYTREN'S DISEASE CARPAL TUNNEL SYNDROM AND SCAPHOLUNATE INSTABILITY

Room: Venus 3

Moderators: Ceruso, Massimo (Italy), Möger, Claus (Denmark)

Current trends in the surgical management of Dupuytren's disease in Europe: the surgeon's perspective  
Authors: Dahlin, Lars / Bainbridge, Chris / Szczypa, Piotr / Cappelleri, Joseph / Kyriazis, Yiannis / Gerber, Robert  
Speaker: Dahlin, Lars (Sweden)

Efficacy and tolerability of collagenase clostridium histolyticum (CCH) in patients with Dupuytren's contracture (DC): results from a multicenter, open-label study  
Authors: Bainbridge, Chris / Houston, Anthony / Jones, Graeme / Milner, Richard / Wilbrand, Stephan  
Speaker: Bainbridge, Chris (United Kingdom)

Late functional results of carpal tunnel decompression with meniscus knife through mini-open palmar incision versus minimal-incision open carpal tunnel decompression.  
Authors: Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Lourenço, João  
Speaker: Fraga Ferreira, José (Portugal)

Carpal Tunnel Release: Does the Skill of the Surgeon Affect Outcome?  
Authors: Opara, Thompson / Katchburian, Marcos  
Speaker: Opara, Thompson (United Kingdom)

The NS-SeC should be used with caution when assessing occupation and carpal tunnel syndrome  
Authors: Jenkins, Paul / Srikantharajah, Delukshan / Meechan, Jane  
Speaker: Jenkins, Paul (United Kingdom)

Analysis of the causes and outcome after vascularised hypothenar fat pad flap surgery in patients with recurrent carpal tunnel syndrome  
Authors: Karuppaiah, Karthik / Nanda, Rajesh / Stothard, John  
Speaker: Karuppaiah, Karthik (United Kingdom)

Carpal tunnel scoring system to predict nerve conduction study results : a prospective study – can we do away with nerve conduction studies ?  
Authors: Selvaratnam, Veenes / Shetty, Vishwanath / Manickavasagar, Tharjan / Sahni, Vishal  
Speaker: Selvaratnam, Veenes (United Kingdom)

Mid term results of modified Brunelli procedure for scapholunate instability  
Authors: Singiseti, Kiran / Swarna, Shyam / Hugh, I  
Speaker: Singiseti, Kiran (United Kingdom)

The Kirk Watson test predicts increasing instability at the scapholunate joint when compared with an arthroscopic classification  
Authors: Peach, Chris / Wain, Richard / Woodruff, Michael  
Speaker: Peach, Chris (United Kingdom)

Hip

FREE PAPER

REVISION SURGERY

Room: Mars

Moderators: Macheras, George (Greece), Bannister, Gordon (United Kingdom)

Early migration of the Burch-Schneider Ring. A radiological study comparing the impact of two different operation techniques.  
Authors: Clauss, Martin / Frunz, Simone / Pannhorst, Silke / Arteschrang, Artesch / Ilchmann, Thomas  
Speaker: Clauss, Martin (Switzerland)

Revision Hip Arthroplasty Using Impacted Cancellous Bone Grafting and Cemented Acetabular Component A Long-term follow up  
Authors: Arumugam, Gowthaman / Wraighte, P / Howard, P  
Speaker: Arumugam, Gowthaman (United Kingdom)

Tantalum Cups on hip revision surgery .Our study results with at least 5-Years Follow-Up  
Authors: Torres, Ana / Fairen, M / Mazon, Antonio / Asensio, Antonio / Meroño, A / Blanco, Agustin / Ballester, J  
Speaker: Torres, Ana (Spain)

10:30 – 12:00

Outcomes of revision total hip arthroplasty in patients 80 years or older

Authors: Roussos, Constantinos / Lübbecke, Anne / Koehnlein, Werner / Hoffmeyer, Pierre

Speaker: Roussos, Constantinos (Switzerland)

Revision of infected THA – Cemented or uncemented prosthesis?

Authors: Engesaeter, Lars / Dale, Haavard / Hallan, Geir / Schrama, Jan / Lie, Stein

Speaker: Engesaeter, Lars (Norway)

Less invasive revision total hip arthroplasty – A retrospective analysis after 55 operations

Authors: Prietzel, Torsten / Farag, Mohamed / Petermann, Martin / Pretzsch, Mathias / Heyde, Christoph-Eckhard

Speaker: Prietzel, Torsten (Germany)

Results of total femur implantations in final revision surgery of knee and hip

Authors: Stoeckl, Bernd

Speaker: Stoeckl, Bernd (Austria)

Long-Term Survival of Cementless Tapered Stems in THA for Failed Intertrochanteric Osteotomy

Authors: Merle, Christian / Streit, Marcus / Inmann, Moritz / Gotterbarm, Tobias / Aldinger, Peter

Speaker: Merle, Christian (Germany)

Selected within the best Free Papers

Clinical results of total hip arthroplasty after intertrochanteric osteotomy

Authors: Radulescu, Radu / Badila, Adrian / Nutiu, Octavian / Manolescu, Robert / Nita, Cristian / Traian, Ciobanu / Japie, Ionut /

Papuc, Alexandru / Radulescu, Dragos

Speaker: Radulescu, Radu (Romania)

## Osteoporosis

FREE PAPER

OSTEOPOROSIS IN SPINE AND HIP SURGERY

Room: Neptune 1

Moderators: Dreinhöfer, Karsten (Germany), Lauritzen, Jes Bruun (Denmark)

Comparing osteoporosis rates, past screening and management in Brazilian males versus females referred for bone mineral density scanning

Authors: Ravaglia, Ravaglia / Leite, Maria / Barcellos, Tiago / Cliquet Junior, Alberto

Speaker: Ravaglia, Ravaglia (Brazil)

Patients with Osteoporotic Vertebral Compression Fractures with Intravertebral Clefts do not constitute a Superior Treatment Indication for Percutaneous Vertebroplasty

Authors: Nieuwenhuijse, Marc / Van Rijswijk, Carla / Van Erkel, Arian / Dijkstra, Sander

Speaker: Nieuwenhuijse, Marc (Netherlands)

Fixation of the spine in conditions of general osteoporosis

Authors: Ptashnikov, Dmitry / Tihilov, Rashid / Usikov, Vladimir

Speaker: Ptashnikov, Dmitry (Russian Federation)

Predicting vertebral bone strength with a quantitative computed tomography-based finite-element method - Creation of strength data according to age range in a normal population and analysis of factors affecting strength-

Authors: Kaneko, Masako / Ohnishi, Isao / Bessho, Masahiko / Matsumoto, Takuya / Ohashi, Satoru / Tobita, Kenji / Nakamura, Kozo

Speaker: Kaneko, Masako (Japan)

Patient compliance with osteoporosis secondary prevention prophylaxis: The orthopaedic surgeon's responsibility?

Authors: Cowling, Paul / Richards, Ian / Clarke, Clarke / Cooke, Nick

Speaker: Cowling, Paul (United Kingdom)

An approach of the effect of osteoporosis on cancellous bone's mechanical quality by digital modelization.

Authors: Aurégan, Jean-Charles / Bérot, Maxime / Magoaric, Hélène / Hoc, Thierry / Bégué, Thierry / Hannouche, Didier /

Zadegan, Frédéric / Petite, Hervé / Bensidhoum, Morad

Speaker: Aurégan, Jean-Charles (France)

Patterns of injury and outcomes in simultaneous hip and upper limb fragility fractures

Authors: Robinson, Paul / Harrison, Tim / Cook, Andrew / Parker, Martyn

Speaker: Robinson, Paul (United Kingdom)

Secondary hyperparathyroidism and related mortality in elderly hip fracture patients

Authors: Madsen, Christian / Joergensen, Henrik / Lind, Bent / Ogarrio, Henning / Duus, Benn / Lauritzen, Jes Bruun

Speaker: Madsen, Christian (Denmark)

Friday  
3 June

10:30 - 12:00

Bone density in relation to failure in patients with osteosynthesized femoral neck fractures  
Authors: Viberg, Bjarke / Ryg, Jesper / Lauritsen, Jens / Overgaard, Søren / Ovesen, Ole  
Speaker: Viberg, Bjarke (Denmark)

12:30 - 14:00

## Stryker SA

### Hip

SATELLITE  
SYMPOSIUM

LARGE HEAD THA: WHAT ARE THE OPTIONS?  
Chairs: Tracol Philip (France) / Markel, David (USA)

Room:  
Main Auditorium

Ceramic and Metal Large Heads with Poly  
Speaker: DeSchepper, Jo

Resurfacing  
Speaker: Poulsen, Thomas

Primary Metal-on-Metal  
Speaker: Markel, David

ADM X3® Mobile Bearing Hip™ System  
Speaker: Tracol, Philip

Panel Q & A

## BIOMET

### Shoulder / Elbow / Arm / Forearm

SATELLITE  
SYMPOSIUM

ACCELERATING PATIENT RECOVERY IN THA

Room: Earth

The ASI approach  
Speaker: De Witte, Eric (Belgium)

Pathway to rapid recovery in THA  
Speaker: Vehmeijer, Stephan (The Netherlands)

## BIOMET

### General Orthopaedic / Complications / Basic Science / Technology

SATELLITE  
SYMPOSIUM

IMPROVING QUALITY OF CARE WHILE REDUCING COSTS:  
THE RAPID RECOVERY PROGRAMME

Room: Venus 1

Why is there a need for programmes like Rapid Recovery?  
Speaker: Kehlet, Henrik (Denmark)

Launching Rapid Recovery  
Speaker: Houlihan-Burne, David (United Kingdom)

Is it safe? Re-admissions, bilateral TKR and revisions in fast-track  
Speaker: Husted, Henrik (Denmark)

FRIDAY  
3 JUNE

Friday  
3 June

10:30 - 12:00

## Zimmer GmbH



### Knee osseous

**SATELLITE SYMPOSIUM**      **ACHIEVING OPTIMAL OUTCOMES IN TKA - SOLUTIONS FOR ALIGNMENT**      **Room: Venus 2**  
**Chair: Schrøder, Henrik (Denmark)**

TKA - Aligning the front is everything  
 Speaker: Klauser, Wolfgang (Germany)

TKA - Go to the Back to get it Right  
 Speaker: Donnighie, Nigel (United Kingdom)

PSI - How Important is Personalised Medicine?

Debate - What are the critical factors to succesful TKA?

## Pfizer LTD



### Hand and Wrist

**SATELLITE SYMPOSIUM**      **OPENING UP THE DEBATE ON DUPUYTREN'S CONTRACTURE: NEW ADVANCES IN TREATMENT**      **Room: Venus 3**  
**Chairs: Kjaersgaard-Andersen, Per (Denmark), Szabo, Zsolt (Hungary)**

Where are we now? A review of current treatment for Dupuytren's contracture  
 Speaker: Dias, Joseph J. (United Kingdom)

Emerging treatments: New data on collagenase  
 Speaker: Bainbridge, Chris (United Kingdom)

Clinical experience with collagenase: Case studies from the US  
 Speaker: Peimer, Clayton (USA)

## DePuy EMEA



### Hip

**SATELLITE SYMPOSIUM**      **HIPS - "25 YEARS OF CORAIL®: PAST, PRESENT AND FUTURE"**      **Room: Mars**

## Boehringer Ingelheim



### General Orthopaedic / Complications / Basic Science / Technology

**SATELLITE SYMPOSIUM**      **JOIN THE RE-VOLUTION®: CHANGING PRACTICE IN TOTAL HIP AND KNEE ARTHROPLASTY**      **Room: Neptune 2**  
**Chair: Eriksson, Bengt (Sweden)**

New oral anticoagulants for the prevention of venous thromboembolism  
 Speaker: Kurth, Andreas (Germany)

Translating theory into practice: Real world experience in venous thromboembolism prevention  
 Speaker: Delgado Martinez, Alberto (Spain)

Patient satisfaction and adherence in venous thromboembolism prophylaxis  
 Speaker: Kendoff, Daniel (Germany)

FRIDAY  
3 JUNE

12:30 – 14:00

Panel discussion: Questions & answers from the floor

Conclusion and Closing Remarks  
Speaker: Eriksson, Bengt (Sweden)

## Smith & Nephew Orthopaedics AG



### Knee osseous

**SATELLITE SYMPOSIUM** THE KNEE – PROVEN PERFORMANCE MEETS CONTINUOUS INNOVATION Room: Neptune 4

Chairs: Saris, Daniel (The Netherlands), Van Hellemond, Gijs (The Netherlands)

GENESIS™ II 15 years of clinical excellence  
Speaker: Wilton, Timothy (United Kingdom)

LEGION™ Revision Knee System: Comprehensive, efficient and designed for revision  
Speaker: Van Hellemond, Gijs (The Netherlands)

VERILAST™: A basis for better results  
Speaker: Saris, Daniel (The Netherlands)

VISIONAIRE™ Patient Matched Technology  
Speaker: Tibesku, Carsten (Germany)

## ConvaTec



### Infection

**SATELLITE SYMPOSIUM** SURGICAL SITE INFECTION IN TOTAL HIP & KNEE ARTHROPLASTY Room: Jupiter 4

Chair: Argenson, Jean-Noël (France)

Overview of Surgical Infection in the Hip and Knee Arthroplasty  
Speaker: Argenson, Jean-Noël (France)

Current Management Strategies to Minimize Infection  
Speaker: Schaivone Panni, Alfredo (Italy)

Recent Advances in Reducing Surgical Complications  
Speaker: Hollingdale, John P. (United Kingdom)

14:00 – 15:30

### Hip

**FREE PAPER** FEMORALACETABULAR IMPINGEMENT AND IT'S CONSEQUENCES TO CARTILAGE DAMAGE Room: Main Auditorium

Moderators: Siebenrock, Klaus A. (Switzerland), Overgaard, Søren (Denmark)

Overcoverage of the hip in Femoroacetabular Impingement: MRI-based study in patients with radiographic classified pincer type impingement

Authors: Keck, Johannes / Kienle, Karl-Philipp / Siebenrock, Klaus A. / Steppacher, Simon / Werlen, Stefan / Mamisch, Tallal Charles  
Speaker: Keck, Johannes (Switzerland)

Arthro-MRI for femoroacetabular impingement surgery: Is it reliable?

Authors: Aprato, Alessandro / Massè, Alessandro / Faletti, Carlo / Atzori, Francesco / Favuto, Marco / Valente, Angiola  
Speaker: Valente, Angiola (Italy)

Reliability of a new hip lateral radiographic view to quantify alpha angle in femoroacetabular impingement

Authors: Odri, Guillaume / Fraquet, Nicolas / Isnard, Julien / Redon, Hervé / Frioux, Renaud / Gouin, François  
Speaker: Odri, Guillaume (France)

14:00 – 15:30

Outcome of Hip Arthroscopy for Femoroacetabular Impingement: A Prospective Study

Authors: Choudhry, Muhammad / Boden, Richard / Akhtar, Sabeen / Fehily, Max

Speaker: Choudhry, Muhammad (United Kingdom)

The effect of the thickness of the articular cartilage of the hip joint on the kinematics of femoroacetabular impingement

Authors: Rajakulendran, Karthig / Suppatee, Radhakrishna / Wong, Prudence / Bardakos, Nikolaos / Field, Richard / Esat, Ibrahim / Chizari, Mahmoud

Speaker: Rajakulendran, Karthig (United Kingdom)

Topographical Cartilage Thickness Variation in Patients with Femoroacetabular Impingement

Authors: Steppacher, Simon / Albers, Christoph / Tannast, Moritz / Siebenrock, Klaus A.

Speaker: Steppacher, Simon (Switzerland)

Ectopic Ossification of the Acetabular Rim In Coxa Profunda A novel pathophysiological entity in pincer impingement

Authors: Corten, Kristoff / Etsuo, Chosa / Leunig, Michael / Ganz, Reinhold

Speaker: Corten, Kristoff (Belgium)

Reduction in Head-Neck-Ratio at resurfacing is associated with increased wear

Authors: Grammatopoulos, George / Pandit, Hemant / Mellon, Stephen / Glyn-Jones, Sion / Gundle, Roger / Mclardy-Smith, Peter / Murray, David / Gill, Harinderjit

Speaker: Grammatopoulos, George (United Kingdom)

Polytrauma / Pelvis

FREE PAPER

EFFICIENT MANAGEMENT OF PELVIC TRAUMA

Room: Earth

Moderators: Bel, Jean-Christophe (France), Martson, Aare (Estonia)

Pelvic fractures in polytrauma: Which classification predicts better hemodynamic instability?

Authors: Cortina Gualdo, Josep / Barastegui Fernandez, David / Teixidor Serra, Jordi / Tomàs Hernández, Jordi / Molero Garcia, Vicente / Fernández Bautista, Alejandro / Monforte Alemany, Ramon / Nardi Vilardaga, Joan / Cáceres Palou, Enric

Speaker: Cortina Gualdo, Josep (Spain)

The treatment of both columns acetabular fractures with a single ilioinguinal approach

Authors: Nicodemo, Alberto / Governale, Giorgio / Stucchi, Alessandro / Valente, Angiola / Cuocolo, Claudio / Massè, Alessandro

Speaker: Nicodemo, Alberto (Italy)

Minimally invasive stabilization of posterior pelvic ring instabilities with a transiliac locked compression plate is quick, safe, and associated with a good functional outcome

Authors: Kobbe, Philipp / Hockertz, Ingrid / Sellei, Richard / Reilmann, Heinrich / Hockertz, Thomas

Speaker: Kobbe, Philipp (Germany)

Management of simultaneous fractures of the acetabulum and pelvic ring: Clinical & functional outcomes.

Authors: Tan, Hiang Boon / Karadimas, E / Obakponwwe, O / Kanakaris, Nikolaos / Giannoudis, Peter

Speaker: Tan, Hiang Boon (United Kingdom)

Validity, inter/intra observer reliability and reproducibility of plain radiographs for a novel method of experimental fracture healing using an internal control.

Authors: Bajada, Stefan / Harrison, Paul / Mofidi, Ali / Richardson, James

Speaker: Bajada, Stefan (United Kingdom)

Quality of Life and Sports Return following Pelvic Ring Injuries

Authors: Harvey-Kelly, Katherine / Kanakaris, Nikolaos / Ahmad, Mudassar / Obakponwwe, Oghor / Giannoudis, Peter

Speaker: Kanakaris, Nikolaos (United Kingdom)

Spine (incl. Trauma)

CCD

VISUALIZATION OF SPINE DEFORMITIES – 3D BECOMING A REALITY – THE EOS SYSTEM

Room: Venus 1

Organiser: Illés, Tamas (Hungary)

The history and utility of the EOS system

Speaker: Dubousset, Jean (France)

14:00 - 15:30

A new concept for the 3D visualization of spine deformity: The vertebra vectors  
Speaker: Illés, Tamas (Hungary)

Revision surgery planning of spinal deformities based on the EOS system  
Speaker: Le Huec, Jean-Charles (France)

Effect of total hip replacement on the pelvis and lumbar spine  
Speaker: Lazennec, Jean Yves (France)

Hand and Wrist

FREE PAPER

DIFFICULT CASES IN HAND SURGERY

Room: Venus 3

Moderators: Dahlin, Lars (Sweden), Kopylov, Philippe (Sweden)

How should scaphoid bone bruising be managed?  
Authors: Thavarajah, Dushan / Syed, Turab / Wetherill, Martin  
Speaker: Thavarajah, Dushan (United Kingdom)

Local distal radius bone graft vs. iliac crest bone graft for scaphoid non-union: A comparative study  
Authors: Garg, Bhavuk / Kotwal, Prakash  
Speaker: Kotwal, Prakash (India)

Comparison of Burton Pellegrini technique with a new modified technique of resection arthroplasty with interposition of local capsule tissue  
Authors: Panteli, Michalis / Kalayci, Kazim / Kaleel, Saagit / Domos, Peter / Sjolin, Soren / Wood, Martin  
Speaker: Panteli, Michalis (United Kingdom)

Pyrocarbon Metaphalangeal Joint Replacements in Osteoarthritic patients  
Authors: Young, Lora / Kent, Matthew / Rehmatullah, Nader / Chojnowski, Adrian  
Speaker: Kent, Matthew (United Kingdom)

Wear Performance and Particle Analysis of a CFR-PEEK Self-Mating Proximal Interphalangeal Finger Joint  
Authors: Brady, Mark / Sinz, Irene / Kinbrum, Amy  
Speaker: Brady, Mark (United Kingdom)

Percutaneous trigger finger release with microvitrectomy 19 gauge ophthalmologic knife  
Authors: Kucukdurmaz, Fatih / Uruc, Vedat / Cingu, Abdullah / Sayit, Emrah / Ozdamar, Ihsan  
Speaker: Kucukdurmaz, Fatih (Turkey)

Digital Necrotizing Cellulitis by Free Base Cocaine Use. Report of 4 cases  
Authors: Douglas Price, Ana / Blanchetiere, Hernan / Pemoff, Pemoff / Cuestas, Nicolas / Caviglia, Horacio  
Speaker: Douglas Price, Ana (Argentina)

New MRI in the diagnosis of peripheral injuries of TFCC  
Authors: Correa, Eva / Font, Jordi / Mir, Xavier / Isart, Anna / Cáceres, Enric  
Speaker: Correa, Eva (Spain)

The Audit Cycle in Treatment of Flexor Tendon Injuries in 112 patients at a Specialist Hand Centre  
Authors: Gaskin, Julian / Forde-Gaskin, Desiree / Ajekigbe, Lawrence  
Speaker: Gaskin, Julian (United Kingdom)

EHS/EBJIS



Infection

SPECIALTY  
SESSION

SPECIAL ISSUES ON INFECTIONS OF IMPLANTS

Room: Mars

Moderators: Zagra, Luigi (Italy), Kirketerp-Møller, Klaus (Denmark)

The role of infection-associated risk factors in prosthetic surgery  
Speaker: Witso, Eivind (Norway)

The cement: Antibiotic loaded or not?  
Speaker: Tabutin, Jacques (France)



14:00 – 15:30

Hip prosthesis after septic arthritis. Is it safe?

Speaker: Romano, Carlo (Italy)

Peri-prosthetic hip infections: When to avoid surgery

Speaker: Giacometti Ceroni, Roberto (Italy)

Infection in peri-prosthetic fractures

Speaker: Cabral, Rui (Portugal)

Incidence and outcome after infection of megaprosthesis

Speaker: Pilge, Hakan (Germany), Gollwitzer, Hans (Germany), Gradinger, Reinher (Germany)

How to manage soft tissue problems in periprosthetic infections

Speaker: Heppert, Volkmar (Germany)

10 most common errors dealing with implant-associated infections

Speaker: Borens, Olivier (Switzerland)

Discussion

### Spine (incl. Trauma)

FREE PAPER

MISCELLANEOUS

Room: Neptune 4

Moderators: Salo, Guillem (Spain), Cáceres Palou, Enric

Injury to Major Blood Vessels in Anterior Thoracic and Lumbar Spinal Surgery

Authors: Nesnidal, Petr / Stulik, Jan / Vyskocil, Tomas / Barna, Michal / Kryl, Jan

Speaker: Kryl, Jan (Czech Republic)

Research of lateral Pedicle wall perforation Associated with Lower Cervical Pedicle Screw and Analysis of Related Risk Factor

Authors: Xie, Jingming / Wang, Yingsong / Yang, Zhendong / Zhang, Ying

Speaker: Wang, Yingsong (China)

Is it necessary to perform a preoperative embolisation of all vertebral metastasis?

Authors: Robial, Nicolas / Charles, Yann Philippe / Bogorin, Ioan / Godet, Julien / Steib, Jean Paul

Speaker: Robial, Nicolas (France)

Stimulus-Triggered EMG Diffusion Test. A New Tool for the Accuracy of Thoracic Pedicle Screw Placement

Authors: Sánchez Ruas, Jaime Jorge / Burgos Flores, Jesús / Aranda Romero, Fernando / Del Olmo Hernández, Teresa / De Blas, Gema / Barrios, Carlos / Hevia, Eduardo / Regidor, Ignacio / Correa Gorospe, Carlos / Ruiz Ibán, Miguel / Díaz Heredia, Jorge / López Mondéjar, José / Berrendero, Luis

Speaker: Sánchez Ruas, Jaime Jorge (Spain)

Patient Recruitment into Acute Spinal Cord Injury Clinical Trials of Early Therapeutic Interventions – How Many Patients Can Really Be Enroled?

Authors: Lee, Robert / Lee, Robert / Dvorak, Marcel / Kwon, Brian

Speaker: Lee, Robert (Canada)

Assessing the limits of cord mobilization during spinal surgery and how to increase these limits without producing neurological sequelae. Experimental study in pigs.

Authors: Sánchez Ruas, Jaime Jorge / Burgos Flores, Jesús / Aranda Romero, Fernando / Del Olmo Hernández, Teresa / Piza Vallespir, Gabriel / De Blas, Gema / Montes, Elena / Caballero Garcia, Alberto / Barriga Martin, Andrés / Collazo, J / Hevia, Eduardo / Correa Gorospe, Carlos / Barrios, Carlos

Speaker: Sánchez Ruas, Jaime Jorge (Spain)

Bacteriology of the lumbar intervertebral disc in degenerative disc disease

Authors: Arndt, Joseph / Charles, Yann / Bogorin, Ioan / Steib, Jean

Speaker: Arndt, Joseph (France)

Occipitocervical Fixation: Long-Term Follow-up in 57 Patients

Authors: Nesnidal, Petr / Stulik, Jan / Kryl, Jan / Klezl, Zdenek

Speaker: Stulik, Jan (Czech Republic)

Copenhagen Syndrome: A Radiological and Functional Review

Authors: Mansouri, Reza / Iliadis, Alexios / Dala-Ali, Benan / Gibson, Alexander

Speaker: Mansouri, Reza (United Kingdom)

14:00 – 15:30

Sports / Knee Soft-Tissue

FREE PAPER

OUTCOMES / REVISION ACL / PCL

Room: Jupiter 3

Moderators: Seil, Romain (Luxembourg), Djian, Patrick (France)

Tunnel bone density after allogenic bone chip and bone cylinder transplantation in staged revision anterior cruciate ligament reconstruction.

Authors: Said, Sinan / Christainsen, Svend Erik / Faunoe, Peter / Lund, Bent / Lind, Martin  
Speaker: Said, Sinan (Denmark)

Accuracy of exclusively arthroscopic tibial tunnel placement in posterior cruciate ligament reconstruction: A radiological study.

Authors: Löcherbach, Claus / Schmeling, Arno / Weiler, Andreas  
Speaker: Löcherbach, Claus (Switzerland)

Risk factors for revision ACL reconstruction: A model for predicting failures

Authors: El-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares  
Speaker: El-Husseiny, Moataz (United Kingdom)

Allograft Salvage Procedure In Multiple ACL Revision Surgery

Authors: Giannini, Sandro / Buda, Roberto / Cavallo, Marco / Ruffilli, Alberto / Vannini, Francesca  
Speaker: Giannini, Sandro (Italy)

Revision of anterior cruciate ligament reconstructions with ipsilateral B-PT-B transplant  
A Study of 44 consecutive cases.

Authors: Dalat, Frédéric / Chouteau, Julien / Fessy, Michel Henry / Moyen, Bernard  
Speaker: Dalat, Frédéric (France)

Knee function after ACL injury – a long term follow up addressing treatment, activity level, osteoarthritis and quality of life.

Authors: Brax Olofsson, Lisbeth / Tengman, Eva / Häger, Charlotte / Tegner, Yelverton / Rydh, Anders / Lundgren, Lars / Grip, Helena / Stensdotter, Ann-Katrin / Nilsson, Kjell Gunnar  
Speaker: Brax Olofsson, Lisbeth (Sweden)

Ten Year Outcome of Activity Level and Knee Function Following Anterior Cruciate Reconstruction with Four-Strand Hamstring Graft.

Authors: Johnston, Andrew / Stokes, Michael / Corry, Ian / Nicholas, Richard  
Speaker: Johnston, Andrew (United Kingdom)

Mid-term Outcome of Combined Oxford Unicompartmental Knee Replacement and Anterior Cruciate Ligament Reconstruction

Authors: Weston-Simons, John / Pandit, Hemant / Kendrick, Ben / Beard, David / Gibbons, Max / Jackson, William / Gill, Harinderjit / Price, Andrew / Dodd, Christopher / Murray, David  
Speaker: Weston-Simons, John (United Kingdom)

14:00 – 15:30

Sports / Knee Soft-Tissue

DIFFICULT CASE  
PRESENTATIONS

SPORTS INJURIES IN THE KNEE (LIGAMENT, CHONDRAL LESIONS, OSTEOTOMIES)

Room: Jupiter 4

Organisers: Lind, Martin (Denmark), Neyret, Philippe (France)

Open knee dislocation

Speaker: David, Figueroa

14:00 – 17:30

Polytrauma / Pelvis

**SYMPOSIUM** PROXIMAL FEMUR FRACTURES IN THE ELDERLY – IN COLLABORATION WITH THE "FRAGILITY-FRACTURE NETWORK" Room: Neptune 1

Organisers: Mutschler, Wolf (Germany), Lauritzen, Jes Bruun (Denmark), Hoffmeyer, Pierre (Switzerland), Puhl, Wolfhart (Germany)

Case presentation

Speaker: Raschke, Michael (Germany)

**Chairmen: Mutschler, Wolf (Germany) / Marsh David (United Kingdom)**

Which implant in which case? – Primary osteosynthesis versus primary endoprosthesis: – In femur neck fractures

Speaker: Gouin, François (France)

Which implant in which case? – Primary osteosynthesis versus primary endoprosthesis: – In petrochanteric fractures

Speaker: Mutschler, Wolf (Germany)

Revision surgery of the failure of osteosynthesis

Speaker: Hoffmeyer, Pierre (Switzerland)

Periprosthetic fractures – The role of revision endoprosthesis

Speaker: Fink, Bernd (Germany)

Periprosthetic fractures – The role of osteosynthesis

Speaker: Raschke, Michael (Germany)

Acetabulum and osteoporosis – the neglected problem

Speaker: Jansson, Volkmar (Germany)

BREAK

**Chairmen: Puhl, Wolfhart (Germany) / Lauritzen, Jes Bruun (Denmark)**

The fragility fracture care programme in UK

Speaker: Marsh, David (United Kingdom)

Evidence based rehabilitation

Speaker: Lauritzen, Jes Bruun (Denmark)

From bench to bedside – what is new/what is in the pipeline in the medical treatment of fragility fractures?

Speaker: Akesson, Kristina (Sweden)

Closing remarks / discussion

Speaker: Maalouf, Ghassan (Lebanon)

14:00 – 18:00

Foot / Ankle / Leg

**EXMEX** JOINT ARTHROPLASTY IN FOOT AND ANKLE (EXCLUDING TAR)

Room: Venus 2

Organiser: Delmi, Marino (Switzerland)

14:00-14:10

Introduction

Speaker: Delmi, Marino (Switzerland)

14:10-14:30

Arthroplasty of the subtalar joint

Speaker: Alvarez, Fernando (Spain)

14:30-14:50

Arthroplasty of the MTP joint of the hallux

Speaker: Knessl, Jürg (Switzerland)

14:50-15:10

Arthroplasty of the IP joint of the hallux

Speaker: Barouk, Pierre (France)



14:00 – 18:00

15:10-15:30	Arthroplasty of the MTP joint of 2nd ray Speaker: Tourné, Yves (France)
15:30-16:00	BREAK
16:00-16:30	Discussion
16:30-18:00	Controversial case discussion



EPOS

Paediatrics

<b>SPECIALTY SESSION</b>	<b>MANAGEMENT OF LESIONS ADJACENT TO JOINT AND GROWTH PLATES</b>	<b>Room: Neptune 2</b>
	Moderators: Krauspe, Rüdiger (Germany), Lascombes, Pierre (France),	

Introduction

Speaker: Krauspe, Rüdiger (Germany)

Distal radius fractures

Speaker: Farsetti, Pasquale (Italy)

Monteggia fractures

Speaker: Møller-Madsen, Bjarne (Denmark)

Humeral epicondyl and condyl fractures

Speaker: Paterson, Mark (United Kingdom)

Humeral supracondylar fracture

Speaker: Paterson, Mark (United Kingdom)

Fractures of the proximal humerus

Speaker: Czubak, Jaroslaw (Poland)

BREAK

**Moderators: Møller-Madsen, Bjarne (Denmark), Paterson, Mark (United Kingdom)**

SCFE and collum fractures of femur

Speaker: Krauspe, Rüdiger (Germany)

Distal femoral fractures

Speaker: Yaniv, Moshe (Israel)

Proximal tibial fractures

Speaker: Lascombes, Pierre (France)

Tibial eminence fractures, ACL and meniscal lesions

Speaker: Wirth, Thomas (Germany)

Distal metaphyseal lesions of the tibia

Speaker: Chomiak, Jiri (Czech Republic)

Salter-Harris lesions of the distal tibia

Speaker: Weinberg, Annelie (Austria)

Principles, Indications and contraindications for physeal bar resection

Speaker: Schlenzka, Dietrich (Finland)

Summary and closing remarks

Speaker: Møller-Madsen, Bjarne (Denmark)

16:00 – 17:00

Spine (incl. Trauma)

FREE PAPER

VERTEBRO AND KYPHOPLASTY

Room: Neptune 4

Moderators: Bégué, Thierry (France), Fritzell, Peter (Sweden)

Cement Augmentation for Vertebral Fractures in Patients with Multiple Myeloma

Authors: Majeed, Haroon / Klezl, Zdenek / Bommireddy, Rajendranadh

Speaker: Majeed, Haroon (United Kingdom)

Incidence of recurrent fractures after vertebroplasty and after the conservative treatment of vertebral compression fractures

Authors: Popa, Iulian / Negoescu, Dan / Poenaru, Dan / Faur, Cosmin / Florescu, Sorin

Speaker: Popa, Iulian (Romania)

Percutaneous Balloon Kyphoplasty and Vertebroplasty for osteoporotic vertebral compression fractures: A systematic review of efficacy and safety.

Authors: Nikolopoulos, Dimitrios / Sergides, Neoptolemos / Safos, George / Karagiannis, Apostolos / Tsilikas, Stauros / Papagiannopoulos, George

Speaker: Nikolopoulos, Dimitrios (Greece)

Radiofrequency (RF) Kyphoplasty in the treatment of osteolytic vertebral fractures due to multiple myeloma

Authors: Pflugmacher, Robert / Kabir, Koroush / Bornemann, Rahel / Randau, Thomas / Wirtz, Dieter

Speaker: Pflugmacher, Robert (Germany)

Percutaneous kyphoplasty versus conservative treatment in acute osteoporotic vertebral compression fractures: A randomized trial.

Authors: Nikolopoulos, Dimitrios / Sergides, Neoptolemos / Safos, George / Karagiannis, Apostolos / Papagiannopoulos, George

Speaker: Sergides, Neoptolemos (Greece)

Radiofrequency-activated cement augmentation of pedicle screws

Authors: Goost, Hans / Karius, Thomas / Deborre, Christoph / Kabir, Koroush / Randau, Thomas / Burger, Christof / Wirtz, Dieter / Pflugmacher, Robert

Speaker: Goost, Hans (Germany)

16:00 – 17:30

Spine (incl. Trauma)

CCD

SURGICAL OPTIONS IN DEGENERATED LUMBAR SPINE

Room: Venus 1

Organiser: Cáceres Palou, Enric (Spain)

Degenerative adult scoliosis

Speaker: Salo, Guillem (Spain)

Spondylolisthesis

Speaker: Dahl, Benny (Denmark)

Spinal stenosis

Speaker: Le Huec, Jean-Charles (France)

Trauma Upper Limb

FREE PAPER

DISTAL RADIUS FRACTURES

Room: Venus 3

Moderators: Massin, Philippe (France), Schultz Larsen, Morten (Denmark)

Treatment Methods and Radiographic Assessment of Malone 2A and 2B Intra-articular Distal Radius Fractures.

Authors: Sharma, Vikas / Dhawan, Rohit

Speaker: Sharma, Vikas (United Kingdom)

Volar Locking Plate fixation of distal radius fractures: does age affect outcome?

Authors: Baliga, Santiosh / Carnegie, Carol / Johnstone, Alan

Speaker: Baliga, Santiosh (United Kingdom)

Functional and radiological outcome in distal radius fractures treated with fixed volar angle locking plate versus buttress plate.

Authors: Rodriguez Vega, Victor / Cecilia, David / Suarez, Laura / Jorge, Alberto / Auñon, Ismael / Rojo, Marta / Blanco, David / Guimera, Vicente / Bravo, Beatriz / Garcia, Lorena / Resines, Carlos  
Speaker: Rodriguez Vega, Victor (Spain)

Angle stable plate or angle stable locked nail fixation in distal radius fractures. An experimental examination and Phase I clinical study.

Authors: Friedl, Wilhelm / Singh, Sagar / Anastasiu, Andrei  
Speaker: Friedl, Wilhelm (Germany)

The changing trends in the Treatment of Distal Radius Fractures in the elderly patients

Authors: Karuppiyah, Saravana / Halas, Rebecca / Dougall, Timothy  
Speaker: Karuppiyah, Saravana (United Kingdom)

Effect on the disability of the upper extremity of conservative management of distal radius fractures. A prospective study

Authors: Aparicio Garcia, Pilar / Izquierdo Corres, Oscar / Casellas Garcia, Gemma / Castro Ruiz, Ruiz / Cavanilles Walker, Jose Maria / Costa Tutusaus, Lluís / Castellanos, Juan / Yunta, Alejandro  
Speaker: Aparicio Garcia, Pilar (Spain)

Adult Forearm Fractures Epidemiology in a District General Hospital (1997 - 2009)

Authors: Dhawan, Rohit / Sharma, Vikas  
Speaker: Dhawan, Rohit (United Kingdom)

Monitoring occupational trauma of the upper extremities by functional evaluation of the handgrip

Authors: Quagliarella, Livio / Sasanelli, N / Belgiovine, G / Castaldo, V  
Speaker: Quagliarella, Livio (Italy)

Functional outcome following fixation of fractures of both bones of the forearm with plate or elastic nailing

Authors: Lima, Sara / Robles, Diogo / Martins, Moura / Lopes, Daniel / Amaral, Virginia / Correia, João / Ferreira, Nuno / Alves, Jorge / Sousa, Carlos  
Speaker: Correia, João

## JBJS



### General Education

**SPECIALTY SESSION** HOW TO WRITE A CLINICAL PAPER, HOW TO PREPARE A RESEARCH PAPER, HOW TO REVIEW A PAPER

Room: Mars

Organiser: Scott, James (United Kingdom)

Reviewing and getting papers published

Speaker: Hoffmeyer, Pierre (Switzerland)

How to write a paper

Speaker: Horan, Frank (United Kingdom)

How to review a paper

Speaker: Scott, James (United Kingdom)

### General Orthopaedic / Complications / Basic Science / Technology

**FREE PAPER** BONE GRAFTING / TISSUE ENGINEERING

Room: Jupiter 3

Moderators: Ruggieri, Pietro (Italy), Ding, Ming (Denmark)

Compression Therapy Promotes Tissue Repair and Biomechanical Properties During Immobilization

Authors: Ackermann, Paul / Schizas, Nicos / Bring, Daniel / Li, Jian / Andersson, Therese / Fahlgren, Anna / Aspenberg, Per  
Speaker: Ackermann, Paul (Sweden)

16:00 – 17:30

Three-dimensional microarchitecture of human osteoporotic, osteoarthrotic and rheumatoid arthritic cancellous bones

Authors: Ding, Ming / Overgaard, Søren  
Speaker: Ding, Ming (Denmark)

The enzymatic extraction of large numbers of mesenchymal stem cells (MSCs) from long-bone intra-medullary cavities

Authors: Cox, George / Giannoudis, Peter / Boxall, Sally / Buckley, Conor / Mcgonagle, Dennis / Jones, Elena  
Speaker: Cox, George (United Kingdom)

A tissue engineering strategy for the treatment of osteonecrosis: evaluation of efficacy in four patients

Authors: Aarvold, Alexander / Smith, James / Tayton, Edward / Jones, Andrew / Briscoe, Adam / Lanham, Stuart / Dunlop, Doug / Oreffo, Richard  
Speaker: Aarvold, Alexander (United Kingdom)

Silicate-Substituted Calcium Phosphate Biomaterials–The Effect of Strut Porosity on Osteoinduction

Authors: Chan, Oliver / Coathup, Melanie / Hing, Karin / Buckland, Tom / Campion, Charlie / Blunn, Gordon  
Speaker: Chan, Oliver (United Kingdom)

Bioreactor activated graft material for early implant fixation in bone

Authors: Henriksen, Susan / Ding, Ming / Overgaard, Søren  
Speaker: Henriksen, Susan (Denmark)

The reamer-irrigator-aspirator (RIA) – a harvester of mesenchymal stem cells (MSCs)

Authors: Cox, George / Mcgonagle, Dennis / Boxall, Sally / Buckley, Conor / Jones, Elena / Giannoudis, Peter  
Speaker: Cox, George (United Kingdom)

Optimisation of polymer and stem cell technology to produce substitute allograft for use in impaction bone grafting.

Authors: Tayton, Edward / Kalra, Spandan / Briscoe, Adam / Aarvold, Alexander / Smith, James / Lanham, Stuart / Fahmy, Sherif / Howdle, Steve / Shakesheff, Kevin / Dunlop, Douglas / Oreffo, Richard  
Speaker: Tayton, Edward (United Kingdom)

16:00 – 18:00

Hip

FREE PAPER

TECHNIQUE / DEVICE

Room:

Moderators: Rochweger, Alexandre (France), Ovesen, Ole (Denmark)

Main Auditorium

The value of washers in internal fixation of femoral neck fractures with cancellous screws: A biomechanical evaluation

Authors: Zlowodzki, Michael / Wijdicks, Coen / Armitage, Bryan / Cole, Peter  
Speaker: Zlowodzki, Michael (United States)

External Distal Targeting Device for safe insertion of distal locking screws when performing Long Gamma Nail comparison with the freehand technique.

Authors: Adam, Philippe / Taglang, Gilbert / Brinkert, David / Bonnomet, François / Ehlinger, Matthieu  
Speaker: Adam, Philippe (France)

Comparative study of 2 centromedullary nailing systems in the treatment of trochanteric fractures : New implants, new complications

Authors: Serre, Antoine / Lepage, Daniel / Leclerc, Gregoire / Obert, Laurent / Garbuio, Patrick  
Speaker: Serre, Antoine (France)

Clinical audit into correct positioning of TriGen intramedullary femoral nails.

Authors: Hughes, Michael / Kenyon, Peter / Rao, Janardhan  
Speaker: Hughes, Michael (United Kingdom)

Four-hole side-plate DHS versus two-hole in the treatment of transtrochanteric fractures

Authors: Fernandes, Sofia / Cerqueira, Rui / Fraga, José / Barbosa, Tiago / Oliveira, João / Moreira, António / Cruz, Gomes / Caetano, Vitor / Mendes, Pereira  
Speaker: Fernandes, Sofia (Portugal)

Risk factors for lag-screw cut-out in intertrochanteric fractures

Authors: Kristensen, Helle / Brink, Ole / Thorninger, Rikke / Borris, Lars / Andersen, Kjeld  
Speaker: Kristensen, Helle (Denmark)

Local complications after internal fixation of trochanteric fractures with the Percutaneous Compression Plate (PCCP): analysis of risk factors

Authors: Bernhard, Schmidt-Rohlfing / Schmidt-rohlfing, Bernhard / Pfeifer, Roman / Heussen, Nicole / Pape, Hans-Christoph  
Speaker: Schmidt-rohlfing, Bernhard (Germany)

Leg length discrepancy following use of Exeter Trauma Stem for intracapsular fracture neck of femur.

Authors: Moideen, Abdul Nazeer / Wolf, Christopher / Donaldson, Oliver / O' Doherty, Declan  
Speaker: Moideen, Abdul Nazeer (United Kingdom)

Modified valgus osteotomy of proximal femur for treatment of femoral neck nonunion

Authors: Siavashi, Babak / Savadkoobi, Dariush  
Speaker: Siavashi, Babak (Iran, Islamic Republic of)

Subtrochanteric Fractures of the Femur: the results of extramedullary and intramedullary fixation for 244 patients.

Authors: Cook, Andrew / Howieson, Alan / Parker, Martyn  
Speaker: Cook, Andrew (United Kingdom)

Effect of body weight on the outcome of displaced intracapsular fracture neck of femur treated by internal fixation

Authors: Alazzawi, Sulaiman / Mayahi, Reza / Musonda, Patrick / Parker, Martyn  
Speaker: Alazzawi, Sulaiman (United Kingdom)

Long-term radiographic and functional complications following the treatment of reverse oblique trochanteric fractures with proximal femoral nail.

Authors: Katsenis, Dimitris / Katsenis, Dimitris / Stathopoulos, Alexandros / Begkas, Dimitris / Kouris, Antonis / Pogiatis, Kostas  
Speaker: Begkas, Dimitris (Greece)

#### Shoulder / Elbow / Arm / Forearm

FREE PAPER

FROM THE BENCH TO THE OPERATION ROOM

Room: Earth

Moderators: Atalar, Ata Can (Turkey), Salomonsson, Björn (Sweden)

Electrophysiologic evaluation of the supraspinatus muscle. A new experimental model on rats

Authors: Ditsios, Konstantinos / Kapoukranidou, Dorothea / Boutsiadis, Achilleas / Chatziosotiriou, Athanasios / Albani, Maria / Christodoulou, Anastasios  
Speaker: Ditsios, Konstantinos (Greece)

Torn Human Rotator Cuff Tendons Have Reduced Collagen Structural Properties Which Are Quantifiable Using Differential Scanning Calorimetry

Authors: Chaudhury, Salma / Holland, Christopher / Porter, David / Vollrath, Fritz / Carr, Andrew  
Speaker: Chaudhury, Salma (United Kingdom)

Anabolic steroids prevent muscle damage caused by rotator cuff tendon tear – An experimental study in rabbits

Authors: Gerber, Christian / Meyer, Dominik / Nuss, Katja / Farshad, Mazda  
Speaker: Farshad, Mazda (Switzerland)

Genetic Profiling of Changes Underlying Different Sized Human Rotator Cuff Tendon Tears

Authors: Chaudhury, Salma / Xia, Zhidao / Hulley, Philippa / Carr, Andrew  
Speaker: Chaudhury, Salma (United Kingdom)

The "comma sign" in subscapularis retracted tears: anatomical study

Authors: Visona', Enrico / Godenèche, Arnaud / Nové-Josserand, Laurent / Neyton, Lionel / Hardy, Marie-Béatrice / Piovan, Gianluca / Aldegheri, Roberto / Walch, Gilles  
Speaker: Visona', Enrico (Italy)

Identification of Novel Collagen Structural Appearances in Rotator Cuff Tendon Tears Using Transmission Electron Microscopy

Authors: Chaudhury, Salma / Ferguson, David / Hakimi, Osnat / Carr, Andrew  
Speaker: Chaudhury, Salma (United Kingdom)

Retraction of the Torn Rotator Cuff is Associated With Increasing Expression of Hypoxia Inducible Factor 1a and Vascular Endothelial Growth Factor

Authors: Lakemeier, Stefan / Reichelt, Johannes / Foelsch, Christian / Fuchs-Winkelmann, Susanne / Schofer, Markus / Paletta, Juergen  
Speaker: Lakemeier, Stefan (Germany)



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Accuracy of Ultrasound as an Imaging Modality for Suspected Rotator Cuff Tears

Authors: Viswanath, Aparna / Buchanan, Jamie / Apthorp, Lesley

Speaker: Viswanath, Aparna (United Kingdom)

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Relationship of rotator cuff tears, shoulder pain and functional loss in a normal population.

Authors: Oag, Hannah / Daines, Michael / Nichols, Alexander / Kiran, Amit / Arden, Nigel / Carr, Andrew

Speaker: Oag, Hannah (United Kingdom)

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A comparison of the degree of retraction of the full thickness supraspinatus tear with the Goutallier Grading system

Authors: Thompson, Simon / Reilly, Peter / Emery, Roger / Bull, Anthony

Speaker: Thompson, Simon (United Kingdom)

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Reconstruction of massive rotator cuff tears with a Pericardium Patch

Authors: Ciampi, Pietro / Ciampi, Pietro / Vitali, Matteo / Fraschini, Gianfranco

Speaker: Ciampi, Pietro (Italy)

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Clinical, anatomical and electromyographic outcomes of latissimus dorsi transfer for irreparable posterosuperior rotator cuff tears

Authors: Arndt, Joseph / Clavert, Philippe / Daemgen, Frédérique / Dosch, Jean / Moussaoui, Akli / Penz, Cyril / Kempf, Jean

Speaker: Arndt, Joseph (France)

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# Saturday 4 June

Room	Main Auditorium Ground Floor	Earth Ground Floor	Venus 1 1st Floor	Venus 2 1st Floor	Venus 3 1st Floor	Mars Ground Floor	Jupiter 1 1st Floor	Jupiter 2 1st Floor	Jupiter 3 1st Floor	Jupiter 4 1st Floor	Room
Hour											Hour
08:00	Non-operative treatment of hip osteoarthritis Hip Symposium	Diagnosis and treatment of rotator cuff injuries Shoulder / Elbow / Arm / Forearm Symposium	Nordic Best Paper 2010 Free Paper Session	Hip fractures and shaft fractures Trauma Lower Limb Free Paper Session	Total knee arthroplasty Knee osseous Free Paper Session	Long term outcomes after THA Hip Free Paper Session	Different aspects in diagnosing and judging orthopaedic cases General Orthopaedic Free Paper Session		Problem wounds - a multi-disciplinary challenge Foot / Ankle / Leg Specialty Session EWMA	Forearm, wrist and hand - Fracture treatment in children Paediatrics ExMEx	08:00
08:30											08:30
09:00											09:00
09:30	Pelvic and spinal reconstruction in orthopaedic oncology Bone and Joint Tumours Free Paper Session	What is new? Shoulder / Elbow / Arm / Forearm Free Paper Session	Sports Injuries in Lower Extremity Sports / Knee Soft-Tissue Free Paper Session	Fractures in the hand Trauma Upper Limb Free Paper Session	TKA for the stiff Knee Knee osseous Instructional Lectures	Nosocomial infections: Diagnosis and management in prosthetic joint infections Infection Instructional Lectures	Pain and fast track joint replacement Pain control / Rehabilitation and Non-Surgical Management Free Paper Session	Bone Substitutes in Clinical Work General Orthopaedic Instructional Lectures	Forefoot deformities Foot / Ankle / Leg Instructional Lectures	Registration required	09:30
10:00											10:00
10:30											10:30
11:00	Diagnosis and treatment of the infected THR Infection Symposium	The rotator cuff deficient shoulder Shoulder / Elbow / Arm / Forearm Specialty Session	Management of patella dislocation Trauma Lower Limb Controversial Case Discussion	Pelvic ring injuries and controversies Polytrauma / Pelvis Specialty Session ESPA	Knee navigation and surgical technique General Orthopaedic Free Paper Session	Management of osteomyelitis and septic arthritis Infection Free Paper Session	Orthopaedics in developing countries General Orthopaedic Symposium	Diagnosis and treatment of muscle injuries Sports / Knee Soft-Tissue Symposium	Rheumatoid foot Foot / Ankle / Leg Symposium		11:00
11:30											11:30
12:00											12:00
12:30	Venous thromboembolism in Orthopaedic Surgery General Orthopaedic Specialty Session ISTF		Unicompartmental knee arthroplasty versus proximal tibial osteotomy Knee osseous Controversial Case Discussion	Fractures with soft tissue injury Polytrauma / Pelvis Specialty Session ESTES	Knee cartilage and necrosis Knee osseous Free Paper Session	Peri-prosthetic infection Infection Free Paper Session	Wear related problems following hip resurfacing Hip Free Paper Session	Minimally Invasive spinal surgery in spinal disorders. State of the art Spine (incl. Trauma) Specialty Session ISLASS	Leg and ankle Trauma Lower Limb Free Paper Session	Developmental dysplasia of the hip: Diagnosis and treatment Paediatrics Symposium	12:30
13:00											13:00
13:30											13:30
14:00	Transfusion, DVT and haemostatics General Orthopaedic Free Paper Session -3 minutes	Instability and cuff tear Shoulder / Elbow / Arm / Forearm Free Paper Session	Anterior cruciate ligament Sports / Knee Soft-Tissue Controversial Case Discussion	Lesions around the elbow Trauma Upper Limb Free Paper Session	Total knee arthroplasty outcome and survival Knee osseous Free Paper Session		Acetabular orientation and its effects on dislocation Hip Free Paper Session			Hip diseases during growth Paediatrics Symposium	14:00
14:30											14:30
15:00											15:00

20 Years of JOINT EFFORTS: Join us and celebrate with us! Today: Between 10.00 and 10.30 in the Poster Area

SATURDAY  
4 JUNE

SATURDAY  
4 JUNE

08:00 – 09:30

Hip

**SYMPOSIUM**      **NON-OPERATIVE TREATMENT OF HIP OSTEOARTHRITIS**      **Room: Main Auditorium**  
**Organiser: Roos, Eva (Sweden)**

Better management of patients with Osteoarthritis  
 Speaker: Thorstensson, Carina (Sweden)

Pharmacological treatment  
 Speaker: Christensen, Robin (Denmark)

Manual therapy  
 Speaker: Poulsen, Erik (Denmark)

Shoulder / Elbow / Arm / Forearm

**SYMPOSIUM**      **DIAGNOSIS AND TREATMENT OF ROTATOR CUFF INJURIES**      **Room: Earth**  
**Organiser: Mehmet, Dermirhan (Turkey)**

RC repair: Which patient, when?  
 Speaker: Atalar, Ata Can (Turkey)

Biological and physiological basis of RC healing  
 Speaker: Meyer, Dominik (Switzerland)

New developments and future of RC repair  
 Speaker: Loew, Markus (Germany)

Surgical options when RC repair fails  
 Speaker: Ofer, Levy (United Kingdom)

**FREE PAPER**      **NORDIC BEST PAPER 2010**      **Room: Venus 1**  
**Moderators: Lind, Martin (Denmark), Bünger, Cody Eric (Denmark)**

Best Paper Finland      Double-bundle versus single-bundle anterior cruciate ligament reconstruction: Randomized clinical and magnetic resonance imaging study with 2-Year Follow-up  
 Speaker: Suomalainen, Piia (Finland)

Best Paper Estonia      Lack of a central role for osteoprogenitorcells from the femoral canal in heterotopicossification of the hip  
 Speaker: Suutre, Siim (Estonia)

Best Paper Norway      Unstable distal radius fractures treated with external fixation and adjuvant pins or a volar locking plate. A randomized study. ( 1 year results)  
 Speaker: Williksen, John (Norway)

Best Paper The Netherlands      Risk assessment for pseudotumor after metal-on-metal large-diameter femoral head total hip arthroplasty: A prospective cohort study  
 Speaker: Bosker, Bart (The Netherlands)

Best Paper Denmark      Local infiltration analgesia for acute pain relief in hip arthroplasty: Do we need it?  
 Speaker: Husted, Henrik (Denmark)

Best Paper Sweden      Revision total hip arthroplasty: A cementless modular stem compared with cemented long-stem prostheses. A population-based study from the Swedish Hip Arthroplasty Register.  
 Speaker: Weiss, Rüdiger J. (Sweden)

Best Paper Iceland      Patients with moderate and severe knee OA do benefit from using a valgus knee brace  
 Speaker: Ingvarsson, Thorvaldur (Iceland)

You are invited to vote for the Best Nordic Paper 2010  
 The winner will be presented with the "Winner of best Nordic Paper 2010" Award

08:00 – 09:30

**Knee osseous**

**FREE PAPER**

**TOTAL KNEE ARTHROPLASTY**

**Room: Venus 3**

**Moderators: Verdonk, Peter (Belgium), Otte, Kristian (Denmark)**

The impact of femoral component rotation on patellar tracking: Does internal rotation of the femoral component always lead to disturbed patellofemoral positioning? A prospective analysis

Authors: Rienmüller, Anna / Guggi, Thomas / Von Knoch, Fabian / Drobny, Tomas / Preiss, Stefan  
Speaker: Rienmüller, Anna (Switzerland)

Are Immediate Post Total Knee Replacement Radiographs Necessary?

Authors: Wall, Alun / Wall, Alun / Hassan, Syed / Charalambous, Charalambos  
Speaker: Wall, Alun (United Kingdom)

Sterile Surgical Helmet System in Elective Hip and Knee Arthroplasty – Are they really sterile?

Authors: Singh, Vinay / Hussain, Shazeena / Javed, Sadaf / Singh, Ivor / Mulla, Rohinton / Kalairajah, Yegappan  
Speaker: Singh, Vinay (United Kingdom)

Pulsed Lavage improves Mechanical Stability of Cemented Tibial Components

Authors: Schlegel, Ulf / Siewe, J / Püschel, K / Gebert De Uhlenbrock, A / Eysel, P / Morlock, M  
Speaker: Schlegel, Ulf (Germany)

Bicompartmental arthritis of a knee: a prospective matched short term study using UKR + PFA

Authors: Confalonieri, Norberto / Manzotti, Alfonso  
Speaker: Confalonieri, Norberto (Italy)

A randomized trial comparing Gender specific with Gender non specific knee arthroplasty implants

Authors: Kumar, Vijay / Garg, Bhavuk / Malhotra, Rajesh  
Speaker: Kumar, Vijay (India)

Comparison of Nonposterior- and Posterior-Stabilized Mobile-Bearing Total Knee Arthroplasty. A Prospective, Randomized Study

Authors: Kim, Young-Hoo / Kim, Jun-Shik / Joo, Jong-Hwan / Park, Jang-Won  
Speaker: Kim, Young-Hoo (Korea, Republic of)

A randomized controlled prospective trial comparing the results of "Gender knee" with Gender non specific "Nexgen" knee implants after total knee arthroplasty

Authors: Malhotra, Rajesh / Garg, Bhavuk / Kumar, Vijay / Madan, Mohit  
Speaker: Madan, Mohit (India)

**Hip**

**FREE PAPER**

**LONG TERM OUTCOMES AFTER THA**

**Room: Mars**

**Moderators: Tabutin, Jacques (France), Kjaersgaard-Andersen, Per (Denmark)**

Cementless Total Hip Arthroplasty with the Tapered Rectangular Titanium Zweymüller Stem. A Minimum 20-Year Follow-up

Authors: Kolb, Alexander / Chiari, Catherina / Kaider, Alexandra / Zehetgruber, Harald / Schneckener, Charlotte-Dorothe / Gröbl, Alexander  
Speaker: Kolb, Alexander (Austria)

Patient-reported Outcomes in the Swedish Total Hip Arthroplasty Register

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

The impact of bone atrophy on the stability of cementless hip replacements in the oldest old. A post-mortem analysis

Authors: Huber, Monika / Zweymueller, Karl / Lintner, Felix  
Speaker: Huber, Monika (Austria)

A prospective long term study of a cemented titanium femoral stems

Authors: Angadi, Darshan / Angadi, Darshan / Brown, Sue / Bloch, Benjamin / Crawford, Edward  
Speaker: Angadi, Darshan (United Kingdom)

08:00 – 09:30

The effect of stem alignment on outcome in cemented total hip arthroplasty with a collarless, polished, double-tapered design

Authors: Thomas, Geraint / Hossain, Munier / Monk, A / Gill, Harinderjit / Glyn-Jones, Sion / Andrew, J / Murray, David / Beard, David / Epos Group, Na  
Speaker: Thomas, Geraint (United Kingdom)

Rate and risk factors of prosthetic impingement after THA: Observation of 311 cups retrievals

Authors: Migaud, Henri / Marchetti, Emmanuel / Bocquet, Donatien / Krantz, Nicolas / Berton, Charles / Girard, Julien  
Speaker: Migaud, Henri (France)

Evaluation of midterm results of short cementless hip stem after 380 operations

Authors: Farag, Mohamed / Ghanem, Mohamed / Von Salis-Soglio, Georg  
Speaker: Farag, Mohamed (Germany)

**General Orthopaedic / Complications / Basic Science / Technology**

FREE PAPER

**DIFFERENT ASPECTS IN DIAGNOSING AND JUDGING ORTHOPAEDIC CASES**

Room: Jupiter 1

**Moderators: Candrian, Christian (Switzerland), Borris, Lars (Denmark)**

The effect of knee / ankle immobilisation on the Brake reaction time

Authors: Kakwani, Rajeshkumar / Cooke, N / Waton, A / Kok, D / Middleton, H / Irwin, L  
Speaker: Kakwani, Rajeshkumar (United Kingdom)

Informed consent in Trauma: Does written information improve patient recall of risks? Aprospective randomised study

Authors: Smith, Hannah / Manjaly, Joseph / Yousri, Taher / Upadhyay, Neil / Nicol, Stephen / Taylor, Hazel / Livingstone, James  
Speaker: Smith, Hannah (United Kingdom)

The role of a multidisciplinary pre-assessment clinic in reducing mortality after complex orthopaedic surgery.

Authors: Kamal, Tamer / Conway, Robert / Littlejohn, Ian / Ricketts, David  
Speaker: Kamal, Tamer (United Kingdom)

Non invasive assessment of acute compartment syndrome by pressure related ultrasound: A cadaver study

Authors: Sellei, Richard / Hingmann, Simon / Knobe, Matthias / Kobbe, Phillip / Lichte, Phillip / De La Fuente, Matias / Schmidt, Frauke / Linke, Sabine / Grice, John / Turner, James / Pape, Hans  
Speaker: Sellei, Richard (Germany)

Last minute cancellation of operations at a large, elective orthopaedic hospital.

Authors: Maclean, Angus / Bannister, Gordon / Murray, James  
Speaker: Maclean, Angus (United Kingdom)

Patient attendances at the Camp Bastion Field Hospital, Afghanistan, during peak activity 2009

Authors: Helsoe, Ida / Tingleff, Jens / Lauritzen, Jes / Joergensen, Henrik  
Speaker: Helsoe, Ida (Denmark)

Direct transfer of image intensifier images to PACS can reduce the need for post-operative check radiographs in orthopaedic trauma surgery

Authors: Baxter, Jonathan / Emmett, Steve / Barlow, Timothy / Costa, Matthew  
Speaker: Baxter, Jonathan (United Kingdom)

The Golden Patient: has it made a difference?

Authors: Javed, Saqib / Peck, Chris / Salthouse, Debbie / Woodruff, Michael  
Speaker: Javed, Saqib (United Kingdom)

Uncertainty Index (Unlx) – alternative to eligibility criteria in challenging surgical trials

Authors: Kulikov, Yuri / Parsons, Nicholas / Griffin, Damian  
Speaker: Kulikov, Yuri (United Kingdom)

Trauma Lower Limb

FREE PAPER

HIP FRACTURES AND SHAFT FRACTURES

Room: Venus 2

Moderators: Frich, Lars Henrik (Denmark), Eckardt, Henrik (Denmark)

Suprapatellar new technique for intramedullary tibia nail. Initial experience

Authors: Teixidor Serra, Jordi / Tomas Hernandez, Jordi / Barrera, Sergi / Pacha Vicente, Daniel / Batalla Gurrea, Lledo / Collado Gastalver, Diego / Molero Garcia, Vicente / Arias Baile, Ainhoa / Selga, Jordi / Nardi Vilardaga, Joan / Cáceres Palou, Enric  
Speaker: Teixidor Serra, Jordi (Spain)

SIGN nailing in tibia fractures: results of first 120 cases

Authors: Sitnik, Alexandre / Beletski, Alexandre / Kazayeu, Siarhei  
Speaker: Sitnik, Alexandre (Belarus)

Percutaneous Locking Plates for Fractures of the Distal Tibia: Our Experience and a Review of the Literature

Authors: Ahmad, Mudussar / Sivaraman, Alagappan / Rai, Amarjit / Patel, Amratlal  
Speaker: Ahmad, Mudussar (United Kingdom)

Gastric emptying in 9 elderly patients with hip fracture: Normal emptying time of a carbohydrate-rich drink

Authors: Samuelsson, Bodil / Hellström, Per / Al-Ani, Amer / Hedström, Margareta  
Speaker: Samuelsson, Bodil (Sweden)

Does the diameter of the intramedullary nail really matter?

Authors: Howard, Anthony / Mclauchlan, George / Richards, Jim / Evans, Sam  
Speaker: Howard, Anthony (United Kingdom)

Double Plating and Grafting For Treatment of Femoral Shaft Non-union

Authors: Odeh, Munzir / Odeh, Rabea / Al-Karmi, Sadeq / Odeh, Munzir / Bakeer, Waleed  
Speaker: Odeh, Munzir (Jordan)

Titanium locking plates are superior to stainless steel locking plates in the treatment of osteoporotic distal femur fractures: A biomechanical study in a fresh-frozen human cadaver model

Authors: Zlowodzki, Michael / Armitage, Bryan / Wijdicks, Coen / Kregor, Philip / Bruce, Levy / Cole, Peter  
Speaker: Zlowodzki, Michael (United States)

Femoral neck fractures in patients on Clopidogrel. The effect of delaying surgery and the introduction of the new SIGN guidelines

Authors: Leonidou, Andreas / Boyce Cam, Nicholas / Chambers, Iain  
Speaker: Leonidou, Andreas (United Kingdom)

4209 patients, 82,000 bed days, over an 11 year period. The incidence of hip fractures in the South East and their associated length of stay

Authors: Amin, Amin / Keeling, Parnell / Marafi, Hanan / Wellington, Ryan / Quinlan, John  
Speaker: Amin, Amin (Ireland)

EWMA



Foot / Ankle / Leg

SPECIALTY SESSION

PROBLEM WOUNDS – A MULTIDISCIPLINARY CHALLENGE

Room: Jupiter 3

Chairwoman: Moore, Zena (Ireland)

Pressure ulcer prevention

Speaker: Moore, Zena (Ireland)

Biofilm in diabetic foot ulcers

Speaker: Kirketerp-Møller, Klaus (Denmark)

Health Economics and outcome in wound healing

Speaker: Apelqvist, Jan (Sweden)

Wound organisation and evidence in wound healing

Speaker: Gottrup, Finn (Denmark)

08:00 – 12:00

Paediatrics

**EXMEX FOREARM, WRIST AND HAND – FRACTURE TREATMENT IN CHILDREN** Room: Jupiter 4  
Organiser: Grill, Franz (Austria)

08:00-08:10	Introduction Speaker: Grill, Franz (Austria)
08:10-08:40	Fractures of the distal radius and ulna Speaker: Cassiano Neves, Manuel (Portugal)
08:40-08:55	Fractures of the shaft of radius and ulna Speaker: Møller-Madsen, Bjarne (Denmark)
08:55-09:15	Monteggia fracture – complications Speaker: Lascombes, Pierre (France)
09:15-09:30	Fractures of the neck and head of radius Speaker: Slongo, Teddy (Switzerland)
09:30-09:45	Fractures of the metacarpals and phalanges Speaker: Paterson, Mark (United Kingdom)
10:15-11:45	Controversial case discussion - what would you do?
11:45-12:00	Conclusion, tentative of an EPOS consensus of the topic Speaker: Grill, Franz (Austria)



09:30 – 10:30

Bone and Joint Tumours

**FREE PAPER PELVIC AND SPINAL RECONSTRUCTION IN ORTHOPAEDIC ONCOLOGY** Room:  
Moderators: Wirtz, Dieter (Germany), Leithner, Andreas (Austria) Main Auditorium

Predictive value of the Tokuhashi scoring systems in primary tumor subgroups of spinal metastases (Evaluation of 448 patients in the Aarhus Spinal Metastases Database)

Authors: Wang, Miao / Li, Haisheng / Hoey, Kristian / Hansen, Ebbe / Niedermann, Bent / Helming, Peter / Wang, Yu / Aras, Efe / Schattiger, Katrin / Bunger, Cody  
Speaker: Wang, Miao (Denmark)

Outcomes and survival following total sacrectomy. The Stanmore experience

Authors: Mohan, Anita / Jalgaonkar, Azal / Park, Derek / Dawson-Bowling, Sebastian / Aston, William / Cannon, Stephen / Briggs, Tim  
Speaker: Jalgaonkar, Azal (United Kingdom)

En bloc resection versus curettage for pelvic bone metastases

Authors: Ruggieri, Pietro / Mavrogenis, Andreas / Ussia, Giuseppe / Angelini, Andrea / Pala, Elisa / Guerra, Giovanni / Drago, Gabriele / Mercuri, Mario  
Speaker: Mavrogenis, Andreas (Greece)

Pelvic reconstruction in bone tumors

Authors: Carrera, Ion / Trullols, Laura / Moya, Esther / Buezo, Oscar / Peiró, Ana / Gracia, Isidro / Majó, Joan  
Speaker: Carrera, Ion (Spain)

Combined en bloc chest wall resection and vertebrectomy of primary malignant spine tumors

Authors: Druschel, Claudia / Druschel, Claudia / Disch, Alexander / Melcher, Ingo / Haas, Norbert / Schaser, Klaus-Dieter  
Speaker: Druschel, Claudia (Germany)

A new surgical technique of sacral resection by posterior approach only: Description and results

Authors: Ruggieri, Pietro / Angelini, Andrea / Mercuri, Mario  
Speaker: Ruggieri, Pietro (Italy)

09:30 – 10:30

Shoulder / Elbow / Arm / Forearm

FREE PAPER

WHAT IS NEW?

Room: Earth

Moderators: Atalar, Ata Can (Turkey), Lund Jensen, Steen (Denmark)

In severe ulnar nerve entrapment at the elbow does minimally invasive surgery has a role – results of a novel technique

Authors: Karuppaiah, Karthik / Nanda, Rajesh / Stothard, John / Balasubramaniam, Sivaraman  
Speaker: Balasubramaniam, Sivaraman (United Kingdom)

Axillary neuropathy as a novel cause of shoulder pain in osteoarthritis: Pathoanatomical changes that affect the course of the neurovascular bundle

Authors: Schoenahl, Jean-Yves / Gaskill, Trevor / Millett, Peter  
Speaker: Schoenahl, Jean-Yves (United States)

Is the humeral head's bare area larger in patients with anterior instability?

Results of a comparative arthro CT-scan study

Authors: Boisrenoult, Philippe / Galey, Hadrien / Pujol, Nicolas / Desmoineaux, Pierre / Beaufils, Philippe  
Speaker: Galey, Hadrien (France)

Subcutaneous ulnar nerve transposition for treatment of Cubital Tunnel Syndrome – Is this technique safe and effective?

Authors: Lima, Sara / Martins, Rui / Correia, João / Amaral, Viriginia / Robles, Diogo / Lopes, Daniel / Ferreira, Nuno / Alves, Jorge / Sousa, Carlos  
Speaker: Correia, João

Management of Kudo total elbow prosthesis late failure in rheumatoid arthritis, apropos of 25 cases

Authors: Fontaine, Christian / Wavreille, Guillaume / Leroy, Marc / Dos Remedios, Carlos / Chantelot, Christophe  
Speaker: Fontaine, Christian (France)

Sports / Knee Soft-Tissue

FREE PAPER

SPORTS INJURIES IN LOWER EXTREMITY

Room: Venus 1

Moderators: Sarimo, Janne (Finland), Orava, Sakari (Finland)

Interactive Computer Operative Notes for Arthroscopy of Joints: A Free and Accurate Tool for Surgeons

Authors: Atrey, Amit / Corbett, Steven / Gibb, Paul / Jahnich, Hagen / Warshafsky, Julien  
Speaker: Warshafsky, Julien (United Kingdom)

Prophylactic effect of Carboxymethylcellulose Hyaluronane (Septrafilm®) Membrane on the Knee Arthrofibrosis (Experimental animal study)

Authors: Aydogdu, Semih / Yagci, Tugay / Sezak, Murat / Sur, Hakki  
Speaker: Yagci, Tugay (Turkey)

Arthroscopic treatment of Jumper's knee: 10 years of experience

Authors: Pascarella, Antonio / Pascarella, Fabio / Latte, Carmine / Di Salvatore, Mariano Giuseppe  
Speaker: Pascarella, Fabio (Italy)

Football Lower Limb Fractures: Do they return to sport?

Authors: Robertson, Gregory / Wood, Alexander / Bakker-Dyos, Joshua / Aitken, Stuart / Keenan, Andre / Court-Brown, Charles  
Speaker: Robertson, Gregory (United Kingdom)

Selected within the best Free Papers

Sports and recreational activities before and after ankle fusion and total ankle replacement. A retrospective comparative study.

Authors: Schuh, Reinhard / Hofstaetter, Jochen / Bevoni, Roberto / Krismer, Martin / Trnka, Hans-Joerg  
Speaker: Schuh, Reinhard (Austria)

Pulsed electromagnetic field therapy may reduce thigh muscle soreness in marathon runners. A randomized controlled pilot study.

Authors: Rasmussen, Sten / Knudsen, Camilla / Skou, Soeren / Gronbech, Martin / Olesen, Jens / Rathleff, Michael  
Speaker: Rasmussen, Sten (Denmark)



09:30 – 10:30

General Orthopaedic / Complications / Basic Science / Technology

INSTRUCTIONAL LECTURES BONE SUBSTITUTES IN CLINICAL WORK Room: Jupiter 2  
Moderator: Ding, Ming (Denmark)

Lecturer: Salo, Jari (Finland)

Knee osseous

INSTRUCTIONAL LECTURES TKA FOR THE STIFF KNEE Room: Venus 3  
Moderator: Wagner Kristensen, Per (Denmark)

Lecturer: Massin, Philippe (France)

Infection

INSTRUCTIONAL LECTURES NOSOCOMIAL INFECTIONS: DIAGNOSIS AND MANAGEMENT Room: Mars  
IN PROSTHETIC JOINT INFECTIONS  
Moderator: Friesecke, Christian (Germany)

Lecturer: Trampuz, Andrej (Switzerland)

Pain control / Rehabilitation and Non-Surgical Management

FREE PAPER PAIN AND FAST TRACK JOINT REPLACEMENT Room: Jupiter 1  
Moderators: Husted, Henrik (Denmark), Thorngren, Karl-Göran (Sweden)

A comparison of participants and non-participants in a randomized controlled trial involving 157 patients scheduled for primary total knee arthroplasty

Authors: Andersen, Karen / Christensen, Anne / Petersen, Mette / Christensen, Birgitte / Pedersen, Nielse / Soballe, Kjeld  
Speaker: Andersen, Karen (Denmark)

The Relationship between Neuropathic Pain and Pain from Osteoarthritis of Hip Joint

Authors: Shigemura, Tomonori / Kishida, Shunji / Ohtori, Seiji / Nakamura, Junichi / Takeshita, Munenori / Takazawa, Makoto / Miyasaka, Takeshi / Harada, Yoshitada / Takahashi, Kazuhisa  
Speaker: Shigemura, Tomonori (Japan)

Efficacy and safety of hylan G-F 20 in knee OA: A prospective, RCT of single and multiple doses

Authors: Raman, Raghu / Shaw, Christopher / Johnson, Geoffrey / Sharma, Hemant / Day, Nicky / Dutta, Arup  
Speaker: Raman, Raghu (United Kingdom)

Does enhanced care hip replacement affect outcome ?

Authors: Inaparthi, Praveen / Porteous, M  
Speaker: Inaparthi, Praveen (United Kingdom)

09:30 – 10:30

Trauma Upper Limb

FREE PAPER

FRACTURES IN THE HAND

Room: Venus 2

Moderator: Leicht, Pernille (Denmark)

Can delayed radiographs diagnose occult scaphoid fractures?

A prospective radiographic review of 62 patients with suspected scaphoid fractures.

Authors: Kankak, Avadhoot / Patnaik, Surendra / Lal, Mohan / Nadjafi, Jila

Speaker: Kankak, Avadhoot (United Kingdom)

Percutaneous transtrapezial approach to scaphoid fractures does not lead to ST degeneration

Authors: Meermans, Geert / Van Riet, Roger / Geurts, Ghislain / Verstreken, Frederik

Speaker: Meermans, Geert (Belgium)

Herbert or Acutrak screw ? What is the choice for internal fixation of Scaphoid non-union.

Authors: Oduwole, Kayode / Cichy, Ben / Dillon, John / Wilson, Joan / O'beirne, John

Speaker: Oduwole, Kayode (Ireland)

Surgical technique and clinical results of percutaneous elastic intramedullary nailing of metacarpal fractures

Authors: Mohammed, Riazuddin / Farook, Mohammed / Newman, Kevin

Speaker: Mohammed, Riazuddin (United Kingdom)

Management of angulated fifth metacarpal shaft fractures in the out-patient clinic - a safe and cost-effective method

Authors: Karuppaiah, Karthik / Miranda, Sanjay

Speaker: Karuppaiah, Karthik (United Kingdom)

Staged reduction of Neglected Transscaphoid perilunate dislocation: A report of 16 cases

Authors: Garg, Bhavuk / Kotwal, Prakash

Speaker: Kotwal, Prakash (India)

Foot / Ankle / Leg

INSTRUCTIONAL  
LECTURES

FOREFOOT DEFORMITIES

Room: Jupiter 3

Moderator: Cohen, Zvi (Israel)

Lecturer: Schneider, Wolfgang (Austria)

10:30 – 12:00

Infection

SYMPOSIUM

DIAGNOSIS AND TREATMENT OF THE INFECTED THR

Room:

Organiser: Cordero-Ampuero, José (Spain)

Main Auditorium

Pre and intraoperative diagnosis in infected THR

Speaker: Soriano, Alex (Spain)

One-stage for infected THR

Speaker: Friesecke, Christian (Germany)

Cement with antibiotics for infected THR

Speaker: Stockley, Ian (United Kingdom)

Impaction-grafting for reimplantation of infected THR

Speaker: Timperley, John (United Kingdom)

10:30 – 12:00

Trauma Lower Limb

<b>CCD</b>	<b>MANAGEMENT OF PATELLA DISLOCATION</b>	<b>Room: Venus 1</b>
<b>Organiser: Neyret, Philippe (France)</b>		
Conservative treatment Speaker: Sillanpaa, Petri (Finland)		
Trochleo plasty/MPFL: Anatomy and biomechanics Speaker: Schoettle, Philip (Germany)		
MPFL reconstruction technique: Other factors of episodic patellar dislocation Speaker: Servien, Elvire (France)		

Sports / Knee Soft-Tissue

<b>SYMPOSIUM</b>	<b>DIAGNOSIS AND TREATMENT OF MUSCLE INJURIES</b>	<b>Room: Jupiter 2</b>
<b>Organiser: Orava, Sakari (Finland)</b>		
Calf muscle tears Speaker: Smigielski, Robert (Poland)		
Rectus femoris tears Speaker: Canata, Gian Luigi (Italy)		
Adductor muscle tears Speaker: Cugat, Ramon (Spain)		
Hamstring muscle tears Speaker: Sarimo, Janne (Finland)		

General Orthopaedic / Complications / Basic Science / Technology

<b>FREE PAPER</b>	<b>KNEE NAVIGATION AND SURGICAL TECHNIQUE</b>	<b>Room: Venus 3</b>
<b>Moderators: Massin, Philippe (France), Emmeluth, Claus (Denmark)</b>		
Does more accurate component alignment by computed navigation have a clinical benefit? Mid-term outcome after CT-based and image-free navigated total knee replacement after 5 years. Authors: Hoppe, Sven / Frauchiger, Lars / Mainzer, Jens / Ballmer, Peter / Hess, Rolf / Zumstein, Matthias Speaker: Mainzer, Jens (Switzerland)		
Internally Rotated Components in The Painful Total Knee Arthroplasty Patient: A Matched Patient Cohort Study Using Computerised Tomography Authors: Bell, Stuart / Young, Peter / Drury, Colin / Blyth, Mark / Jones, Bryn / Mclean, Angus Speaker: Bell, Stuart (United Kingdom)		
The Posterior Cruciate REFERENCING Technique: A New Technique for Predictable PCL Preservation in CR TKA Authors: Stulberg, Bernard / Covall, David / Mabrey, Jay / Burstein, Albert / Angibaud, Laurent / Smith, Keisha / Zadzilka, Jayson Speaker: Stulberg, Bernard (United States)		
Notch Trial: A unique novel concept in Posterior Stabilised Total Knee Replacement Authors: Prasad, Kodali / Hussain, Altaf Speaker: Hussain, Altaf (United Kingdom)		
Patellar tracking before and after a patellofemoral joint replacement (Depuy Sigma) – a cadaveric study using computer navigation Authors: Heinert, Gideon / Preiss, Stefan / Klauser, Wolfgang / Kendoff, Daniel / Sussmann, Patrick Speaker: Heinert, Gideon (Switzerland)		
Geometric characterization of the Patella and Patellar Tendon in Caucasian Population Authors: Raposo, Frederico / Sousa, António / Valente, Luis / Moura Gonçalves, António / Loureiro, Miguel / Duarte, Filipe / São Simão, Ricardo / Freitas, Joana / Pinto, Rui Speaker: Raposo, Frederico (Portugal)		

Dynamic Weight Bearing Views of the Patellofemoral Joint Discription and validation of a new techniqe

Authors: Pengas, Ioannis / Pillai, Anand / Gayed, Wade / Assiotis, Aggelos / Mcnicholas, Michael

Speaker: Pengas, Ioannis (United Kingdom)

Measurement of High Tibial Osteotomy using a web-based X-ray interpretation system

Authors: Mounsey, Emily / Dawe, Edward / Golhar, Anil / Hockings, Michael

Speaker: Mounsey, Emily (United Kingdom)

Transepicondylar axes for femoral component rotation might produce flexion asymmetry during total knee arthroplasty of knee with proximal tibia vara

Authors: Park, Il Seok / Jung, Kwang Am / Ong, Alvin / Hwang, Seung Hyun / Nam, Chang Hyun / Lee, Dong Won

Speaker: Park, Il Seok (Korea, Republic of)

## Infection

FREE PAPER

MANAGEMENT OF OSTEOMYELITIS AND SEPTIC ARTHRITIS

Room: Mars

Moderators: Borens, Olivier (Switzerland)

The relationship between time to surgical debridement and incidence of infection in grade III open fractures.

Authors: Singh, Jagwant / Rambani, Rohit / Hashim, Zaid / Mustafa, Javed / Marwah, Simran / Raghuraman, N / Sharma, H

Speaker: Singh, Jagwant (United Kingdom)

The Management of Significant, Widespread, Acute Subcutaneous Emphysema: Should We Operate or Manage Conservatively?

Authors: Jeavons, Richard / Downen, Daniel / O'brien, Shaun

Speaker: Jeavons, Richard (United Kingdom)

Wound fluid and serum concentrations of vancomycin after local therapy with calcium sulphate as carrier material

Authors: Wahl, Peter / Livio, Françoise / Jacobi, Matthias / Gautier, Emanuel / Buclin, Thierry

Speaker: Wahl, Peter (Switzerland)

Treatment of bone infection using allograft bone impregnated with antibiotics

Authors: Winkler, Heinz

Speaker: Winkler, Heinz (Austria)

Antibacterial bioactive glass S53P4 as bone graft substitute in treatment of osteomyelitis

Authors: Lindfors, Nina / Hyvönen, Pekka / Nyssönen, Marko / Kirjavainen, Mikko / Kankare, Jyrki / Gullichsen, Eero / Salo, Jari

Speaker: Lindfors, Nina (Finland)

Time lag between Diagnosis and Surgical Intervention of Septic Arthritis – Does it Matter?A Retrospective study

Authors: Kodumuri, Preetham / Kerr, Hui-Ling / Geutjens, Guido

Speaker: Kodumuri, Preetham (United Kingdom)

Outcome of single stage treatment of Chronic Osteomyelitis

Authors: Singh, Jagwant / Marwah, Simran / Mustafa, Javed / Platt, A / Barlow, G / Raghuraman, N / Sharma, H

Speaker: Singh, Jagwant (United Kingdom)

Infections after Ankle Fractures – rare but complicated?

Authors: Ahrberg, Annette / Höde, Nora / Josten, Christoph

Speaker: Ahrberg, Annette (Germany)

Surgical site infection in orthopedic patients treated surgically : prospective cohort study.

Authors: Bumbasirevic, Marko / Lesic, Aleksandar / Markovic-Denic, Ljiljana

Speaker: Bumbasirevic, Marko (Serbia)

10:30 – 12:00

General Orthopaedic / Complications / Basic Science / Technology

SYMPOSIUM ORTHOPAEDICS IN DEVELOPING COUNTRIES Room: Jupiter 1

Organisers: Wurnig, Christian (Austria), Radler, Christof (Austria)

Developing world orthopaedic projects. Pitfalls and pearls  
Speaker: Radler, Christof (Austria)

Prevention of disability in children  
Speaker: Mannion, Steve (United Kingdom)

Arthroscopy program in Cuba  
Speaker: Wurnig, Christian (Austria)

Surgery in disabled children in rural India  
Speaker: Manubens, Xavier (Spain)

Orthopaedic surgery in Sudan  
Speaker: Dolieb, Hisham (Sudan)

Surgery week in Kenia  
Speaker: Grohs, Josef Georg (Austria)

Discussion

ESPA



Polytrauma / Pelvis

SPECIALTY SESSION PELVIC RING INJURIES AND CONTROVERSIES Room: Venus 2

Moderator: Giannoudis, Peter (United Kingdom)

Pelvic fractures with hemodynamic instability: Who needs angiography?  
Speaker: Rommens, Pol (Germany)

Pelvic packing and haemorrhage control: Indications and treatment protocol  
Speaker: Ertel, Wolfgang (Germany)

Management of combined pelvic and acetabular fractures: Algorithm of management - tips and tricks  
Speaker: Peter, Robin (Switzerland)

Percutaneous fixation of the pelvic ring: An update  
Speaker: Giannoudis, Peter (United Kingdom)

Plating of sacral fractures: When and how  
Speaker: Pohlemann, Tim (Germany)

Discussion of cases by faculty

Foot / Ankle / Leg

SYMPOSIUM RHEUMATOID FOOT Room: Jupiter 3

Organiser: Louwerens, Jan Willem (The Netherlands)

Towards a new concept regarding RA forefoot reconstruction  
Speaker: Louwerens, Jan Willem (The Netherlands)

RA forefoot reconstruction without resection of the metatarsal heads, the stainsby procedure  
Speaker: Laing, Patrick (United Kingdom)

The first ray and medial column in patients with RA deformity  
Speaker: Fuhrmann, Renée A. (Germany)

Tarsal fusion(s) in RA, indication, method and results  
Speaker: Rydholm, Urban (Sweden)

Saturday  
4 June

10:30 - 13:30

ERASS



Shoulder / Elbow / Arm / Forearm

SPECIALTY SESSION	THE ROTATOR CUFF DEFICIENT SHOULDER Moderator: Nelissen, Rob (The Netherlands)	Room: Earth
	Tendon transfers, reversed prosthesis, biomechanics Speaker: Nelissen, Rob (The Netherlands)	
	Anatomy and imaging of the shoulder Speaker: Fontaine, Christian (Sweden)	
	Reversed shoulder arthroplasty in rheumatoid arthritis Speaker: Glanzman, Michael (Switzerland)	
	Tendon transfers in cuff deficiency Speaker: Nagels, Jochem (The Netherlands)	
	Incidence RC tears and results "acute" cuff repairs Speaker: Adolfsson, Lars (Sweden)	
	Cases panel discussion Speaker: Nelissen, Rob (The Netherlands)	

12:00 - 13:00

Infection		
FREE PAPER	PERI-PROSTHETIC INFECTION Moderators: Stockley, Ian (United Kingdom), Kirketerp-Møller, Klaus (Denmark)	Room: Mars
	Contribution of GeneXpert MRSA-SA SST1® assay to fast diagnosis of MRSA and MSSA positive prosthesis joint infection Authors: Lustig, Sebastien / Laurent, Frederic / Bouaziz, Anissa / Blanc-Pattin, Viviane / Rasigade, Jean-Philippe / Ferry, Tristan / Tigaud, Sylvestre / Neyret, Philippe Speaker: Laurent, Frederic (France)	
	Accuracy of percutaneous interface biopsy (PIB) for the preoperative identification of the infecting microorganism in chronic periprosthetic joint infections Authors: Corona, Pablo / Gil, E / Roman, J / Amat, C / Guerra, E / Pigrau, C / Flores, X Speaker: Corona, Pablo (Spain)	
	A prospective multicenter study investigating the incidence of low-grade infection in aseptic loosening of total hip arthroplasty using extensive routine and broad range 16S PCR with reverse line blot diagnostics Authors: Moojen, Dirk Jan / Van Hellemond, Gijts / Vogely, Charles / Burger, Bart / Walenkamp, Geert / Tulp, Niek / Schreurs, Wim / De Meulemeester, Frank / Schot, Corrie / Fujishiro, Takaaki / Schouls, Leo / Bauer, Thomas / Dhert, Wouter Speaker: Moojen, Dirk Jan (The Netherlands)	
	Identification and Quantification of Bacteria in Prosthetic Joint Infections by Molecular Methods Authors: Xu, Yijuan / Rudkjoebing, Vibeke / Simonsen, Ole / Pedersen, Christian / Schoenheyder, Henrik / Nielsen, Per / Thomsen, Trine Speaker: Xu, Yijuan (Denmark)	
	Surgical Wound Infection as a Performance Indicator in Total Knee Replacement: A Comparison of Common Definitions Authors: Sukeik, Mohamed / Ashby, Elizabeth / Sturch, Paul / Aboelmagd, Karim / Haddad, Fares / Wilson, A Speaker: Sturch, Paul (United Kingdom)	
	Early Diagnosis of Infection by Detection of Microbial Heat Production in Sonication Fluid of Removed Implants Authors: Borens, Olivier / Steinrücken, Julia / Furustrand, Ulrika / Trampuz, Andrej Speaker: Borens, Olivier (Switzerland)	

SATURDAY  
4 JUNE



## ISTF

### General Orthopaedic / Complications / Basic Science / Technology

SPECIALTY SESSION	VENOUS THROMBOEMBOLISM IN ORTHOPAEDIC SURGERY	Room: Main Auditorium
	Moderators: Lassen, Michael (Denmark), Dahl, Ola (Norway)	
	Clinical outcomes after major orthopedic surgery from RIETE Speaker: Arcelus, Juan (SPAIN)	
	The use of new biomarkers for the diagnosis and follow-up of VTE and the post-thrombotic state Speaker: Wakefield, Tom (USA)	
	VTE prophylaxis in patients with insufficient evidence based information Speaker: Frostick, Simon (United Kingdom)	
	Perioperative management of patients on antiplatelet and antithrombotic drugs Speaker: Fletcher, John (Australia)	
	New compounds for VTE prophylaxis in Orthopaedic Surgery Speaker: Turnpie, Graham. (Canada)	

### Knee osseous

CCD	UNICOMPARTMENTAL KNEE ARTHROPLASTY VERSUS PROXIMAL TIBIAL OSTEOTOMY	Room: Venus 1
	Organiser: Wagner Kristensen, Per (Denmark)	
	Partial Oxford knee arthroplasty Speaker: Dodd, Christopher (United Kingdom)	
	Osteotomy by external fixation Speaker: Toksvig-Larsen, Sören (Sweden)	
	Osteotomy by internal fixation Speaker: Nielsen, Poul Torben (Denmark)	

## ISLASS



### Spine (incl. Trauma)

SPECIALTY SESSION	MINIMALLY INVASIVE SPINAL SURGERY IN SPINAL DISORDERS. STATE OF THE ART	Room: Jupiter 2
	Moderator: Menchetti, Pier Paolo (Italy)	
	Laser discectomy in lumbar disc herniation. Results at 3 months Speaker: Canero, Gianfranco (Italy)	
	Transforaminal endoscopy in disc herniation treatment. Indications and results Speaker: Hess, Michael (Germany)	
	Results and new indications of axialif Speaker: Tschigraji, Michail (Germany)	
	The role of RF in chronic lumbar pain Speaker: Menchetti, Pier Paolo (Italy)	
	TLIF with expandable cage Speaker: Attia, David (France)	
	PercuDynTM: Percutaneous Dynamic stabilization system in degenerative disc disease. Indications and results Speaker: Menchetti, Pier Paolo (Italy)	

Interspinous Spacers. Indication and Results.  
Speaker: Canero, Gianfranco (Italy)

**Knee osseous**

**FREE PAPER**

**KNEE CARTILAGE AND NECROSIS**

**Room: Venus 3**

**Moderators: Massin, Philippe (France)**

Two to Twelve Year Outcome following Autologous Chondrocyte Implantation of the Knee

Authors: Nawaz, Syed / Bentley, George / Gallagher, Kieran / Dhinsa, Baljinder / Skinner, John / Briggs, Tim / Carrington, Richard  
Speaker: Nawaz, Syed (United Kingdom)

Usefulness of SPECT/CT on Determining Treatment and Prognosis for Patellofemoral Cartilage Lesions

Authors: Kang, Seung-Baik / Han, Hyuk-Soo / Lee, Dong-Nyoung  
Speaker: Kang, Seung-Baik (Korea, Republic of)

How to treat Osteocondritis Dissecans of the Knee: surgical techniques and new trends

Authors: Kon, Elizaveta / Vannini, Francesca / Marcacci, Maurilio / Buda, Roberto / Filardo, Giuseppe / Cavallo, Marco / Ruffilli, Alberto / Giannini, Sandro  
Speaker: Vannini, Francesca (Italy)

Treatment of cartilage defects in the knee using alginate beads containing human mature allogenic chondrocytes: Clinical results at 3 years of follow-up.

Authors: Dhollander, Aad / Verdonk, Peter / Verdonk, Rene / Verbruggen, Gust / Almqvist, Karl Fredrik  
Speaker: Dhollander, Aad (Belgium)

Correlation of anterior knee pain, patella maltracking and patello-femoral joint changes

Authors: Wong, Fabian / Przedlacka, Anna / Tan, Hiang Boon / Allen, Paul  
Speaker: Wong, Fabian (United Kingdom)

Ukr For Spontaneous Osteonecrosis Of The Knee - Long Term Results And Survivorship Of The Implant In 84 Patients At A Mean Follow-Up Of 8 Years

Authors: Bruni, Danilo / Raspugli, Giovanni / Iacono, Francesco / Lo Presti, Mirco / Zaffagnini, Stefano / Marcacci, Maurilio  
Speaker: Bruni, Danilo (Italy)

Does pre-op knee chondral damage predispose to subsequent patella-femoral osteoarthritis? 10-15 year follow-up following Elmslie-Trillat tibial tubercle transfer osteotomy for patella instability.

Authors: Naveed, Masroor / Naveed, Masroor / Porteous, Andrew  
Speaker: Naveed, Masroor (United Kingdom)

Incidence of steroid-induced osteonecrosis is different among underlying collagen diseases: prospective MRI study

Authors: Shigemura, Tomonori / Kishida, Shunji / Nakamura, Junichi / Takeshita, Munenori / Takazawa, Makoto / Miyasaka, Takeshi / Harada, Yoshitada / Takahashi, Kazuhisa  
Speaker: Shigemura, Tomonori (Japan)

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**Hip**

**FREE PAPER**

**WEAR RELATED PROBLEMS FOLLOWING HIP RESURFACING**

**Room: Jupiter 1**

**Moderators: Zagra, Luigi (Italy), Ten Broeke, Rene (The Netherlands)**

Radiographic & linear wear examination of retrieved MoM resurfacing acetabular cups

Authors: Hussain, Azad / Kamali, Amir / Li, Chenxi / Ashton, Roger  
Speaker: Hussain, Azad (United Kingdom)

Correlation between inclination of the acetabular component and metal ion levels in metal on metal hip replacement

Authors: Khan, Abdul / Ebreo, Darren / El Meligy, Mohammad / Armstrong, Cathy / Peter, Viju  
Speaker: Ebreo, Darren (United Kingdom)

Association of osteonecrosis and elevated metal ions level in the failure of hip resurfacing: chinese experiences

Authors: Win, Hein Latt / Yang, Shu  
Speaker: Yang, Shu (China)



Metal allergy of chromium and cobalt during the first three postoperative years using three different hip arthroplasties, ReCap, Magnum and C2a.

Authors: Borgwardt, Arne / Borgwardt, Lotte / Ribel Madsen, Soeren / Borgwardt, Lise / Zerahn, Bo / Borgwardt, Arne  
Speaker: Borgwardt, Arne (Denmark)

Long-Term Follow-Up of Patients with Metal-on-Metal Total Hip Arthroplasty

Authors: Bernstein, Mitchell / Desy, Nicholas / Huk, Olga / Zukor, David / Petit, Alain / Antoniou, John  
Speaker: Bernstein, Mitchell (Canada)

Factors associated with increased wear of hip resurfacing – A multivariate analysis

Authors: Grammatopoulos, George / Judge, Andrew / Pandit, Hemant / Mclardy-Smith, Peter / Glyn-Jones, Sion / Desmet, Koen / Murray, David / Gill, Harinderjit  
Speaker: Gill, Harinderjit (United Kingdom)

Neck narrowing of resurfaced hips is associated with increased wear

Authors: Grammatopoulos, George / Pandit, Hemant / Backer, Katrien / Gundle, Roger / Mclardy-Smith, Peter / Desmet, Koen / Murray, David / Gill, Harinderjit  
Speaker: Grammatopoulos, George (United Kingdom)

Ultrasound is reliable in diagnosis of adverse reactions to metallic debris following metal on metal hip replacement

Authors: Singiseti, Kiran / Raju, Ppj / Langton, Dj / Nargol, Avf  
Speaker: Singiseti, Kiran (United Kingdom)

High frequency of radiographic signs of loosening in cemented total hip arthroplasty using metal – on metal bearing. Seven year results of a randomized controlled trial comparing metal- on- polyethylene, ceramic - on - polyethylene and metal - on - metal articulations in 396 hips

Authors: Bjorgul, Kristian / Andersen, Sven / Brevig, Knut / Bunes, Asle / Wiig, Einer Mogens / Ahlund, Ola / Reikeras, Olav  
Speaker: Bjorgul, Kristian (Norway)

## ESTES



### Polytrauma / Pelvis

#### SPECIALTY SESSION

#### FRACTURES WITH SOFT TISSUE INJURY

Room: Venus 2

Organisers: Marzi, Ingo (Germany), Rommens, Pol (Germany)

Evaluation and classification of closed and open soft tissue trauma

Speaker: Castelli, Fabio (Italy)

Management of soft tissue trauma in open fractures of the upper extremity

Speaker: Nijs, Stefaan (Belgium)

Management of soft tissue trauma in open fractures of the lower extremity

Speaker: Marzi, Ingo (Germany)

Management of pelvic ring injury with Morel-Lavallée lesion

Speaker: Keel, Marius (Switzerland)

Compartment syndrome. State of the art

Speaker: Rommens, Pol (Germany)

### Trauma Lower Limb

#### FREE PAPER

#### LEG AND ANKLE

Room: Jupiter 3

Moderators: Muñoz Vives, Josep (Spain), Kold, Søren (Denmark)

Functional outcome following surgical treatment of patellar fractures by different modalities

Authors: Volpin, Gershon / Gorski, Albert / Lichtenstein, Leonid / Kirshner, Genadi / Stolerio, Jack / Kaushanski, Alexander / Shtarker, Haim / Shachar, Raviv  
Speaker: Volpin, Gershon (Israel)

12:00 – 13:30

What is the influence of additional injuries concerning treatment and outcome in proximal bicondylar tibial fractures (AO Type C)?

Authors: Wurster, Markus / Wurster, Markus / Pätzold, Robert / Gonschorek, Oliver / Bühren, Volker  
Speaker: Wurster, Markus (Germany)

Comparison of standard surgical debridement versus the Versajet Plus™ hydrosurgery system in the treatment of open tibial fractures: a prospective open label randomized controlled trial

Authors: Oosthuizen, B / Myburgh, J / Tromp, D / Maré, D / Mole, T / Martin, R / Nel, J  
Speaker: Myburgh, J (South Africa)

Tibia fracture healing time correlation with ARRCO score

Authors: Caruso, Gaetano / Lorusso, Vincenzo / Setti, Stefania / Massari, Leo  
Speaker: Massari, Leo (Italy)

Are fixed angle device more superior than cancellous screws in the stabilisation of maisonneuve ankle fractures?

Authors: Gardner, Richard / Yousri, Taher / Clark, Damian / Holmes, Fiona / Pollinitine, Phillip / Miles, Tony / Jackson, Mark  
Speaker: Gardner, Richard (United Kingdom)

Intramedullary/intraosseous Osteosynthesis of Pilon and Ankle Fractures

Authors: Friedl, Wilhelm / Gehr, Jonas  
Speaker: Friedl, Wilhelm (Germany)

Tibial pilon fractures – outcomes after operative treatment

Authors: Purghele, Florian / Badea, Robert / Jemna, Constantin / Ciuvică, Radu / Ivan, Alexandru  
Speaker: Purghele, Florian (Romania)

A new 5 cut computerised tomography protocol for scanning ankle syndesmosis.

Authors: Kotwal, Rahul / Rath, Nk / Paringe, Vishall / Lyons, Kathleen / Thomas, Rhys  
Speaker: Kotwal, Rahul (United Kingdom)

Calcaneal Fractures Prevalence and Incidence in Community over the Last 13 years

Authors: Dhawan, Rohit / Sharma, Vikas  
Speaker: Dhawan, Rohit (United Kingdom)

## Paediatrics

### SYMPOSIUM DEVELOPMENTAL DYSPLASIA OF THE HIP: DIAGNOSIS AND TREATMENT

Room: Jupiter 4

Organiser: Graf, Reinhard (Austria)

Hip sonography – screening and treatment results

Speaker: Graf, Reinhard (Austria)

DDH in the land of Ortolani. Diagnosis and treatment – Italian results and experience – what is to improve?

Speaker: De Pellegrin, Maurizio (Italy)

DDH: Diagnosis and treatment – German experience – what I would like to recommend

Speaker: Krauspe, Rüdiger (Germany)

DDH – diagnosis, treatment and costs

Speaker: Clegg, John (United Kingdom)

13:00 – 14:00

## Infection

### FREE PAPER SURGICAL PROPHYLAXIS

Room: Mars

Moderators: Bégué, Thierry (France), Holmberg Jorgensen, Peter (Denmark)

Surgical Site Infection in Orthopaedic Surgery. Incidence related to surgical procedure

Authors: Esteve, Carles / Esteve, Carles / García-Forcada, Ignacio / Giné, Josep  
Speaker: Esteve, Carles (Spain)

Selected within the best Free Papers

Should Hip Fracture be operated only by Hip Unit Surgeons in order to improve rates of surgical site infection?

Authors: Hirschfeld, Miguel / Cano, Juan Ramon / Cruz, Encarnacion / Guerado, Enrique  
Speaker: Hirschfeld, Miguel (Spain)

13:00 – 14:00

Preoperative S.aureus decolonization protocol may help reduce infection risk in elective total knee and hip arthroplasty – preliminary results of a prospective randomised study

Authors: Sousa, Ricardo / Santos, Ana Claudia / Pereira, Alexandre / Massada, Marta / Oliveira, António

Speaker: Sousa, Ricardo (Portugal)

Prophylactic antibiotics for elective knee arthroscopy: Does it really work

Authors: Naqvi, Gohar / Jahangiri, Saquib / Malik, Sultan / Awan, Nasir

Speaker: Naqvi, Gohar (Ireland)

Evaluation of a new molecular approach using DNA microarrays for the diagnosis of bone and joint infection

Authors: Lustig, Sebastien / Allais, Emilie / Boisset, Sandrine / Ferry, Tristan / Tigaud, Sylvestre / Neyret, Philippe / Laurent, Frederic

Speaker: Laurent, Frederic (France)

Is amoxicillin/clavulanic acid sufficient for preemptive antibiotic therapy in type III grade open fractures?

Authors: Borens, Olivier / Buchegger, Thomas / Steinrücken, Julia / Trampuz, Andrej

Speaker: Buchegger, Thomas (Switzerland)

13:30 – 14:30

Trauma Upper Limb

FREE PAPER

LESIONS AROUND THE ELBOW

Room: Venus 2

Moderators: Candrian, Christian (Switzerland), Eckardt, Henrik (Denmark)

Long term patient reported outcomes after simple dislocation of the elbow.

Authors: Middleton, Scott / Anakwe, Raymond / Jenkins, Paul / Mcqueen, Margaret / Court-Brown, Charles

Speaker: Middleton, Scott (United Kingdom)

Dislocation of the elbow with resection of the radial head: does the reconstruction at an early stage by an prosthesis of the radial head prevent the onset of osteoarthritis?

Authors: Rochwerger, Alexandre / Gaillard, Christophe / Tayeb, Ayman / Louis, Marie-Laure / Helix, Marianne / Curvale, Georges

Speaker: Rochwerger, Alexandre (France)

Promising results in treatment of olecranon fractures with a modified one-third tubular hook-plate osteosynthesis

Authors: Schmidt-Horlohé, Kay / Wilde, Philip / Bonk, Andreas / Becker, Lars / Hoffmann, Reinhard

Speaker: Schmidt-Horlohé, Kay (Germany)

Evaluation of our experience on the treatment of comminuted, radial head fractures, and of the outcomes of pyrocarbon prosthetic replacement in such cases.

Authors: Moldovan, Radu / Lamas, Claudia / Natera, Luis / Castellanos, Juan / Dominguez, Eduardo / Monllau, Joan

Speaker: Moldovan, Radu (Spain)

Radial head and neck fractures: epidemiology and socioeconomic deprivation

Authors: Duckworth, Andrew / Clement, Nick / Aitken, Stuart / Jenkins, Paul / Court-Brown, Charles / Mcqueen, Margaret

Speaker: Duckworth, Andrew (United Kingdom)

Triceps Reflecting anconeus pedicle (TRAP) approach vs. olecranon osteotomy for distal humerus fractures

Authors: Garg, Bhavuk / Kumar, Vijay / Malhotra, Rajesh / Kotwal, Prakash / Soral, Aditya

Speaker: Soral, Aditya (India)

Upper limb injuries in argentine musicians

Authors: Pemoff, Adriana / Alegri, Cristina / Sicardi, Marcelo / Blanchetiere, Hernan / Balan, Sebastian / Gitard, Mariano /

Douglas Price, Ana / Caviglia, Horacio

Speaker: Pemoff, Adriana (Argentina)

13:30 – 15:00

General Orthopaedic / Complications / Basic Science / Technology

FREE PAPER  
SESSION –  
3 MINUTES

TRANSFUSION, DVT AND HAEMOSTATICS

Moderators: Ding, Ming (Denmark), Borris, Lars (Denmark)

Room:  
Main Auditorium

The use of autotransfusion in total knee replacement. Long term results in a prospective study

Authors: Zacharopoulos, Athanasios / Papanikolaou, Spyros / Vezirgiannis, Ioannis / Kechagias, Vasilios / Cristodoulopoulos, Charis / Papadopoulos, Christoforos / Besikos, Ioannis / Xenos, Giorgos / Moscachlaidis, Spyros  
Speaker: Zacharopoulos, Athanasios (Greece)

Blood Transfusion after Total Knee Arthroplasty; Comparison of Drainage versus Non-Drainage;  
Cost Analysis of Selective Blood Group and Save

Authors: Majeed, Haroon / Bishnoi, Amit / Howard, Peter  
Speaker: Majeed, Haroon (United Kingdom)

Blood transfusion and cytokine changes in total knee replacement

Authors: Drosos, Georgios / Blatsoukas, Konstantinos / Ververidis, Athanasios / Tripsianis, Grigorios / Chloropoulou, Pelagia / Gioka, Theodora / Verettas, Dionisios-Alexandros  
Speaker: Drosos, Georgios (Greece)

Blood loss and risk of transfusion in a primary total hip replacement care pathway

Authors: Maansson, Lukas / Olsson, Marianne  
Speaker: Maansson, Lukas (Norway)

Using tourniquet and surgical drain in total knee arthroplasty: Does it make a difference?

Authors: Chauhan, Devendra / Islam, Mueedul / Dharmarajan, Ram  
Speaker: Chauhan, Devendra (United Kingdom)

Postoperative anticoagulant prophylaxis to prevent thromboembolic disease in elective total hip replacement: an independent prospective cohort study comparing rivaroxaban with fondaparinux

Authors: Hourlier, Hervé / Fennema, Peter  
Speaker: Hourlier, Hervé (France)

Rivaroxaban after Lower Limb Arthroplasty – A District General Hospital Perspective

Authors: Kassianos, Alexander / Jeavons, Lisa / Kincaid, Robin  
Speaker: Kassianos, Alexander (United Kingdom)

Clinical thromboembolic events after acute Achilles tendon rupture management: Non weight bearing in Plaster Cast versus functional weight bearing mobilisation

Authors: Walker, Carolina / Gulati, A / Bhatia, M  
Speaker: Walker, Carolina (United Kingdom)

The use of Tranexamic acid and/or cell-saver in patients operated with total knee replacement.

Authors: Petursson, Gunnar / Hovik, Oystein / Bjerre, Soren / Amlie, Einar / Furnes, Ove / Röhrli, Stephan  
Speaker: Petursson, Gunnar (Norway)

To evaluate the use of tranexamic Acid to reduce blood loss in primary cemented unilateral total knee arthroplasty

Authors: Kumar, Vijay / Garg, Bhavuk / Malhotra, Rajesh  
Speaker: Kumar, Vijay (India)

Does pre-operative tranexamic acid increase the incidence of thromboembolism in primary total knee replacement?

Authors: Selvaratnam, Veesh / Fountain, James / Donnachie, Nigel / Thomas, Thomas / Carroll, Flintan  
Speaker: Selvaratnam, Veesh (United Kingdom)

The perioperative use of erythropoietin in total hip replacement. A prospective randomized study

Authors: Zacharopoulos, Athanasios / Papanikolaou, Spyros / Vezirgiannis, Ioannis / Kechagias, Vasilios / Christodoulopoulos, Charis / Xenos, Giorgos / Moscachlaidis, Spyros  
Speaker: Zacharopoulos, Athanasios (Greece)

Evaluation of an autologous transfusion system in total knee replacement surgery

Authors: Widemschek, Mark / Pfanner, Georg / Germann, Reinhard / Benesch, Thomas / Waibel, Roman / Stempel, Archibald / Martin, Arno  
Speaker: Widemschek, Mark (Austria)

13:30 – 15:00

Blood management in scoliosis surgery. Comparison of preoperative autologous blood donation with intra-operative blood salvage (blood saver) systems

Authors: Antonarakos, Petros / Christodoulou, Anastasios / Givissis, Panagiotis / Katranitsa, Lamprini / Simeonidis, Panagiotis / Boutsiadis, Achilleas  
Speaker: Katranitsa, Lamprini (Greece)

The relation among surgery, arthroplasties and blood in total knee arthroplasty

Authors: Ares, Oscar / Macule, Francisco / Popescu, Dragos / Segur, Josep / Sastre, Sergi / Martinez-Pastor, Juan / Lozano, Luis / Suso, Santiago / Tio, Montserrat / Garcia, Ramona / Nuñez, Montserrat  
Speaker: Ares, Oscar (Spain)

Shoulder / Elbow / Arm / Forearm

FREE PAPER

INSTABILITY AND CUFF TEAR

Room: Earth

Moderators: Soler, Francesco (Spain), Meyer, Dominik (Switzerland)

Slap lesions. Epidemiological study

Authors: Papadopoulos, Pericles / Karatagliis, Dimitrios / Boutsiadis, Achilleas / Charistos, Stavros / Katranitsa, Lamprini / Christodoulou, Anastasios  
Speaker: Papadopoulos, Pericles (Greece)

Retrospective Study of One Hundred and fifteen Shoulder Arthroscopy for Treatment of Type II Superior Labral Anterior Posterior Tears

Authors: Adib, Farshad / Reddy, Chandra / Guidi, Eric / Nirschl, Robert / Ochiai, Derek / Wolff, Andrew / Wellborn, Clay  
Speaker: Guidi, Eric (United States)

CT scan and Hyperlaxity in patients with Recurrent shoulder dislocations after sports injuries

Authors: Akhtar, Muhammad / Robinson, Christopher  
Speaker: Akhtar, Muhammad (United Kingdom)

A randomized controlled trial to assess the efficacy of arthroscopic subacromial decompression with and without rotator cuff repair

Authors: Odak, Saurabh / Powell, Eric / Haines, John / Ian, Trail  
Speaker: Odak, Saurabh (United Kingdom)

Knotless Single-Row Rotator Cuff Repair: A Comparative Biomechanical Study of Two Knotless Suture Anchors

Authors: Spalazzi, Jeffrey / Baldini, Todd / Efird, Chad / Traub, Shaun / Hiza, Elise / Cook, Shane / Rioux-Forker, Dana / Mccarty, Eric  
Speaker: Spalazzi, Jeffrey (United States)

Arthroscopic single or double row repair of isolated full thickness SSP tear – prospective results after 24 months

Authors: Heikenfeld, Roderich / Listringhaus, Rico / Godolias, Georgios  
Speaker: Heikenfeld, Roderich (Germany)

The triad of essential lesions of the capsular-labral complex in shoulder dislocation

Authors: Iossifidis, Anestis / Petrou, Charalambos  
Speaker: Petrou, Charalambos (United Kingdom)

Arthroscopic stabilisation for recurrent shoulder dislocation: longterm outcome Et risk stratification

Authors: Ahmed, Issaq / Ashton, Fiona / Elton, Robert / Robinson, Christopher  
Speaker: Ahmed, Issaq (United Kingdom)

Sports / Knee Soft-Tissue

CCD

ANTERIOR CRUCIATE LIGAMENT

Room: Venus 1

Organiser: Valderrabano, Victor (Switzerland)

Is complete debridement and notch plasty required for correct tunnel placement?

Speaker: Pagenstert, Geert (Switzerland)

Unhappy triad injuries - absolute indications for surgery?

Speaker: Verdonk, René (Belgium)

Can osteotomy solve the problem of medial osteoarthritis in the ACL deficient knee?

Speaker: Servien, Elvire (France)

Combined ligament instability - to what extent does the rehabilitation dictate sequence of reconstruction?  
Speaker: Strobelt, Michael (Germany)

**Knee osseous**

**FREE PAPER TOTAL KNEE ARTHROPLASTY OUTCOME AND SURVIVAL Room: Venus 3**  
Moderators: Neyret, Philippe (France), Robertsson, Otto (Iceland)

Hybrid total knee arthroplasty. A report from the Norwegian Arthroplasty Register 1999-2009  
Authors: Petursson, Gunnar / Fenstad, Anne / Havelin, Leif / Gothesen, Oystein / Röhrli, Stephan / Furnes, Ove  
Speaker: Petursson, Gunnar (Norway) Selected within the best Free Papers

Long-term results of AGC total knee replacements- An independent centre functional follow-up  
Authors: Atrey, Amit / Edmondson, Mark / East, Debra / Miles, Kim / Ellens, Nigel / Butt, David / Butler-manuel, Adrian / Warshafsky, Julien  
Speaker: Davidson, Jerome (United Kingdom)

No difference in the prediction of long term results of Triathlon PS vs. Triathlon CRA prospective randomized RSA-study  
Authors: Molt, Mats / Molt, Mats / Tolsvig-Larsen, Sören  
Speaker: Molt, Mats (Sweden)

Ten year results of the All-Poly Monoblock Tibia in a patient population with high flexion postures as part of their routine Activities of Daily Living (ADL)  
Authors: Mody, Bharat  
Speaker: Mody, Bharat (India)

Why Are Total Knee Arthroplasties Failing Today – a Picture of the Last 10 Years of Revision Surgery  
Authors: Calliess, Tilman / Becher, Christoph / Ostermeier, Sven / Windhagen, Henning  
Speaker: Calliess, Tilman (Germany)

Survival Analysis – 15 years follow up of LCS Uncemented Total Knee Replacement in Inflammatory Arthritis Patients  
Authors: Sudhakar, Thittukattoor / Sudheer, Akkenna / Raut, Vidhesh  
Speaker: Sudhakar, Thittukattoor (United Kingdom) Selected within the best Free Papers

Revision Total Knee Arthroplasty : Constrained Condylar versus Posterior Stabilized Prosthesis  
Authors: Lee, Myung Chul / Lee, Joon Kyu / Seong, Sang Cheol / Lee, Sahngoon / Jang, Jak / Lee, Sang Min / Shim, Sang Ho  
Speaker: Lee, Myung Chul (Korea, Republic of)

Results of revision type knee arthroplasties as primary treatment for knee osteoarthritis after mean follow up of 7 years  
Authors: Urda, Antonio / Luque, Rafael / Saez-Arenillas, Alvaro / Rodrigo, Garcia-Crespo / Fernando, Marco / Lopez-Duran, Luis  
Speaker: Luque, Rafael (Spain)

**Hip**

**FREE PAPER ACETABULAR ORIENTATION AND ITS EFFECTS ON DISLOCATION Room: Jupiter 1**  
Moderators: Thorstensson, Carina (Sweden), Soeballe, Kjeld (Denmark)

Cup Positioning in Total Hip Arthroplasty Improves with Clinical Feedback  
Authors: Bragdon, Charles / Doerner, Michael / Callanan, Mark / Zurakowski, David / Kwon, Young-Min / Rubash, Harry / Malchau, Henrik  
Speaker: Malchau, Henrik (United States)



Optimal Acetabular Reorientation and Offset Correction Improve the Long Term Results after Periacetabular Osteotomy  
Authors: Albers, Christoph / Steppacher, Simon / Ganz, Reinhold / Siebenrock, Klaus A. / Tannast, Moritz  
Speaker: Albers, Christoph (Switzerland)

Increased rate of total hip replacement dislocation with cemented components: Accuracy of acetabular inclination  
Authors: Roberts, David / Garlick, Nicholas  
Speaker: Roberts, David (United Kingdom)



13:30 – 15:00

Factors influencing acetabular component orientation in THA and the effect on outcome and complication rate.

Authors: Grammatopoulos, George / Thomas, Geraint / Pandit, Hemant / Glyn-Jones, Sion / Gill, Harinderjit / Beard, David / Murray, David / Epos Group, The

Speaker: Thomas, Geraint (United Kingdom)

Can the cup of a total hip replacement be oriented in the same way for all patients? Evaluation with an experimental model reproducing an imageless navigation system based on kinematics.

Authors: Migaud, Henri / Marchetti, Emmanuel / Combes, Antoine / Puget, Jean / Tabutin, Jacques / Pinoit, Yannick / Laffargue, Philippe

Speaker: Migaud, Henri (France)

Quantitative morphological and functional assessment before and after curved periacetabular osteotomy  
A new concept for evaluation of femoral head coverage

Authors: Miyasaka, Dai / Ito, Tomoyuki / Suda, Ken / Imai, Norio / Endo, Naoto / Dohmae, Yoichiro / Minato, Izumi

Speaker: Miyasaka, Dai (Japan)

Dislocation after minimally invasive THA in Japanese patients

Authors: Ishibe, Motomi / Kariya, Satoru

Speaker: Ishibe, Motomi (Japan)

Aetiology of intra-prosthetic dislocation.

Authors: Philippot, Remy / Boyer, Bertrand / Schneider, Loic / Farizon, Frederic

Speaker: Philippot, Remy (France)

## Paediatrics

### SYMPOSIUM

#### HIP DISEASES DURING GROWTH

Room: Jupiter 4

Organiser: Synder, Marek (Poland)

Septic hip

Speaker: Parsch, Klaus (Germany)

Perthes diseases – new concepts

Speaker: Grill, Franz (Austria)

Avascular necrosis of the femoral head due to DDH treatment; A challenging problem

Speaker: Omeroglu, Hakan (Turkey)

Case discussion of growing hip

Speaker: Benson, Michael (United Kingdom)

## General Orthopaedics

No	TITLE	AUTHORS
<b>Bone and joint tumours</b>		
198	Pathological Fractures of the proximal femur: a review of 145 cases	Khan, Asif / Khan, Asif / Parker, Martyn / Rowlands, Tom
509 	Radiological Evaluation of the Hip Joint Following Endoprosthetic Replacement of the Proximal Femur	Drexler, Michael / Amar, Eyal / Chechik, Ofir / Dadia, Shlomo / Meller, Izhak / Bickels, Jacob
510	Tumors around the Hip Joint Treated with Resection Without Reconstruction. Report of 18 Consecutive Patients.	Drexler, Michael / Khashan, Morsi / Dadia, Shlomo / Gortzak, Yair / Kollender, Yehuda / Meller, Izhak / Bickels, Jacob
835	Malignant Proximal Fibular Tumours: A Case Series Of 17 Patients	Sabharwal, Sanjeev / Datta, Gorav / Berber, Onur / Aston, Will / Pollock, Rob / Skinner, John / Cannon, Stephen / Briggs, Tim
900	Surgical strategy for giant cell tumor of the mobile spine	Yoshiyuki, Okamoto / Hideki, Murakami / Yoshiyasu, Fujimaki / Satoshi, Kato / Hiroyuki, Hayashi / Kei, Inoue / Norio, Kawahara / Hiroyuki, Tsuchiya
1000	Osteolytic Lesions of the Calcaneus Diagnosis, Treatment and Reconstruction	Frings, Andreas / Pfeifenberger, Karin / Pirker- Fruehauf, Ulrike / Scheipl, Susanne / Leithner, Andreas
1009	Radiofrequency Thermoablation for the Treatment of Chondroblastoma	Modaressi, Kourosh / Puskas, Gabor / Exner, Ulrich
1313	Intra-Medullary Nailing for Pathological Femoral Fractures; Comparison of Prophylactic and Post Fracture Nailing	Majeed, Haroon / Mourkus, Hany / Nanjayan, Shashi / Mcdermott, Damien
1334	Two Week Referral of Bone and Soft Tissue Sarcomas to a Non Specialist Centre	Arumugam, Gowthaman / Arumugam, Gowthaman / Mourkus, Hani / Majeed, Haroon / Mcdermott, Damien
1358	Survivin mediates chemoresistance in high grade chondrosarcoma and is enhanced by the vascular endothelial growth factor A (VEGF-A)	Lechler, Philipp / Balakrishnan, Sanjeev / Grifka, Joachim / Renkawitz, Tobias
1876	How a Managed Clinical Network has impacted on the care of Sarcoma patients in Grampian.	Mccullough, Louise / Scotland, Thomas / Dundas, Sinclair / Boddie, David
1975	Tumours of the Talus: The Scottish Bone Tumour Registry Experience	Bell, Stuart / Young, Peter / Mahendra, Ashish
1979	Bone allograft for skeletal reconstruction after bone tumor resection in children	De Las Heras, Jorge / De Las Heras, Jorge / Ferrer, Eugenio / Delgado-Baeza, Emilio
2015	Histiocytosis X (Hand-Schuller-Christian Disease) – Case Report	Freitas, Daniel / Aido, Ricardo / Sousa, Marco / Massada, Marta / Pereira, Alexandre / Pinto, Ricardo / Santos, Cláudia / Sousa, Ricardo / Oliveira, Vânia / Costa, Luis / Cardoso, Pedro
2211	Lower Limb Reconstruction with a new modular Revision- and Tumorprosthesis	Meyer, Heiko / Guethoff, Wilhelm / Roepke, Martin / Lohmann, Christoph
2286	Surgical procedure and functional clinical results of pelvic reconstruction with a free vascularized fibular graft following wide resection of pelvic malignant bone tumor	Nagoya, Satoshi / Wada, Takuro / Kawaguchi, Satoshi / Kaya, Mitsunori / Takebayashi, Tsuneo / Yamashita, Toshihiko
2357	Ultrasonography and computerized -guided biopsies of musculoskeletal lesions	Portabella, Federico / Pérez-López, Raquel / Nárvaez, José Antonio / De Albert, Matias / Maireles, Miriam / Saborido, Ana / Serrano, Celia / Vera, Pablo / Hernández, Javier
2442	One Column versus Two Column Stabilisation for Spinal Metastasis	Kumar, Sathish / Mourkus, Hani / Majeed, Haroon / Calthorpe, Dennis / Klezl, Zdenek / Bommireddy, Rajendra
2577	Surgical and Tru-Cut biopsy in musculoskeletal tumors: an analysis of 101 cases	Oliveira, Vânia / Pinto, Ricardo / Sousa, Ricardo / Felix, António / Cardoso, Pedro





## General Orthopaedics

No	TITLE	AUTHORS
2579	Inadvertent surgical resection of soft tissue sarcomas	Venkatesan, Muralidharan / Richards, Cathy / McCulloch, Tom / Ashford, Robert
2587	Reconstruction of periacetabular defects from primary and metastatic tumours	Sakellariou, Vasileios / Mavrogenis, Andreas / Papagelopoulos, Panayiotis
2610	Comparison of four reconstructive methods for diaphyseal defects of the humerus after tumor resection	Sakellariou, Vasileios / Mavrogenis, Andreas / Babis, George / Magnissalis, Evangelos / Soucacos, Panayiotis / Papagelopoulos, Panayiotis
2692	CT-guided percutaneous removal of osteoid osteoma	Alvarez, Sonia / Velez, Roberto / Perez, Manolo / Rivas, Antonio / Valero, Jose
2713	Bone grafting or cement after curettage in Bone Giant Cell Tumors: a prognosis factor for recurrence?	Albertini, Ugo / Piana, Raimondo / Gino, Gian Carlo / Boux, Elena / Marone, Stefano / Boffano, Michele / Linari, Alessandra / Faletti, Carlo / Brach Del Prever, Elena
2739	Diagnostic and therapeutic features of foot and ankle tumours	Boffano, Michele / Gino, Gian Carlo / Marone, Stefano / Albertini, Ugo / Boux, Elena / Linari, Alessandra / De Marchi, Armanda / Robba, Tiziana / Faletti, Carlo / Brach Del Prever, Elena / Piana, Raimondo
2770	Ultrasound-guided musculoskeletal biopsy	Sierra-Oliva, Judit / Vélez, Roberto / Rivas, Antonio / Pérez-Domínguez, Manolo / Huguet, Pere / Nardi-Villardaga, Joan / Cáceres Palou, Enric
2818	Bone Tumours in the Press	Al-Nammari, Shafic / Al-Hadithy, Nawfal / Mordecai, Simon / Gikas, Panos / Jowett, Charlie / Abbas, Rashid / Sabharwal, Sanjeev / Pengas, Ioannis
3037	Giant Cell Tumor around the Knee Joint: Oncologic and Functional Results	Baek, Seung-Hoon / Cho, Hwan-Sung / Park, Il-Hyung / Lee, Jae-Keun
3065	Preoperative embolisation of primary and secondary bone tumours	Nawfal, Al-Hadithy / Al-Hadithy, Nawfal / Gikas, Panagiotis / Al-Nammari, Shafic / Aston, Will / Pollock, Rob / Skinner, John / Lotzof, Kevin / Cannon, Stephen / Briggs, Tim / Perera, Jonathan
3151	The true cost of managing bone tumours in a tertiary hospital	Gulati, A / Ashford, R
3274	The chondrosarcoma cell line C422 undergoes apoptosis under the effect of simvastatin.	García-Castellano, Jose / Vera-Gutiérrez, Vicente / Viguera-Pérez, Juan / Montesdeoca-Ramos, Pedro / Medina-García, Manuel / Atallah-El Yordi, Nagib / Recarte-García-Andrade, Enrique
3434	Benign bone tumor excision and graft incorporation in 62 patients: average 28 months follow up	Buch, Richard / Morgan, Kimberly / Stone, Marcus

## General Orthopaedics / complications / basic science / technology

16	Circulatory immun markers in young patients with hereditary hemochromatosis arthropathy compared to RA patients	Thaler, Christoph / Dorn, Ulrich / Aigner, Elmar / Zwerina, Jochen / Schett, Georg / Datz, Christian
24	Bone Formation Ability of Demineralized Bone Matrix (DBM)-Bone Morphogenic Protein-2(BMP-2) Complex for Treatment of Bone Defect of Ulna in Pigs	Moon, Kyoung Ho / Kwon, Do Sung / Jung, Jae Ho / Lee, Gye Wang / Lee, Tong Joo
34	Accessibility and acceptability of radiographs performed in General practice audit	Benjamin-Laing, Harry / Machin, David / Barnes, Simon
51	Measurement of the effect of application time of bone cement on the cement-bone interface strength in two types of bone cement, SmartSetHV® and CMW1 Radiopaque®.	Dahabreh, Ziad / Stewart, Todd / Stone, Martin

## General Orthopaedics

No	TITLE	AUTHORS
57	Results of bone lengthening with monolateral external fixator assisted with an intramedullary nail.	Martínez-Martos, Sara / Ginebreda, Ignacio / Tapiolas, Jordi / Correa, Eva / Cáceres Palou, Enric
98	In vitro study of bone marrow stem cells growth in a hydroxyapatite/tricalcium phosphate scaffold	Torres, Joao / Lopes, Maria / Gutierrez, Manuel / Monteiro, Eurico / Fernandes, Maria / Silva, Sergio / Lopes, Ana / Santos, Jose / Pinto, Rui / Trigo, Trigo
113	Patients' expectations of follow-up following Primary hip and knee arthroplasty: a Patient questionnaire survey.	Nanjayan, Shashi Kumar / Fowler, Andrew / Pickering, Simon
132	Assessing the impact of virtual reality simulation for training in arthroscopic knee surgery	Nichols, Jennifer / Bhowal, Bhaskar / Dias, Joseph / Ashford, Robert
178	Does pre-operative tranexamic acid increase the incidence of thromboembolism in primary total hip replacement?	Selvaratnam, Veenesh / Fountain, James / Donnachie, Nigel / Thomas, Thomas / Carroll, Flintan
224	A Novel Method to Determine the Lower Limb Mechanical Axis in the Coronal Plane	Hohl, Nicolas / Collette, Michel
227	Setting up an Arthroplasty Register in Southern Europe (the Portuguese experience)	Ribeiro, José
279	Intra-operative analysis of the kinematic behavior of a total knee replacement by a navigation system. Initial experience and further development.	Jenny, Jean-Yves / Firmbach, Franz-Peter / Diesinger, Yann
280	Validation of a French translation of the Oxford Knee Questionnaire	Jenny, Jean-Yves
302	Meta-analyses in Orthopaedic Literature - a critical review	Leong, Julian / Baskaradas, Aroon / Navaratnam, Annakan / Athanasiou, Thanos / Emery, Roger
330	Measurement of knee joint gaps without bone resection: physiologic extension and flexion gaps are asymmetric and unequal; PCL and/or ACL resection produces different gap changes	Nowakowski, Andrej / Majewski, Martin / Müller-Gerbl, Magdalena / Valderrabano, Victor
340	Predictors of allogenic blood transfusion in revision hip arthroplasty surgery	Ruiz Puig, Aina / Bisbe, Elvira / Alier, Albert / Molto, Luis / Chornet, Xavier
373	Anti-biofilm activity of subinhibitory povidone-iodine concentrations against Staphylococcus epidermidis and Staphylococcus aureus	Oduwole, Kayode / Glynn, Aaron / Molony, Diarmuid / Rowe, Sarah / Holland, Linda / Ogara, James / McCormack, Damian
394	Study and design of a protocol for autologous drain use for total knee replacements at the Royal Devon and Exeter Hospital (RD&E).	White, William / Harvey, James / Toms, Andrew
402	Predictors of unplanned hospital admission following day-case orthopaedic surgery.	Gomez Vallejo, Jesus / Ezquerro Herrando, Laura / Garcia Gutierrez, César / Albareda Albareda, Jorge
405	In Vivo Stability Of The LPS/M.B.T. And The S-ROM Noiles Rotating Hinge Knee Prostheses	Friesenbichler, Joerg / Leithner, Andreas / Glehr, Mathias / Lovse, Thomas / Sadoghi, Patrick / Ott, Florian / Windhager, Reinhard
415	Effects of Plate Area and Locking Screws on the Medial Open Tibial Osteotomy - Finite-element Analysis	Luo, Chu An / Chen, Chun Ming / Tseng, Ching Shiow / Lin, Shang Chih
461	Improving Efficiency With All Day Trauma Lists	Johnson, Nicholas / Lad, Priya
463	Periprosthetic femoral fracture: an evaluation of bone quality and fracture topography	Leonidou, Andreas / Moazen, Mehran / Jones, Alison / Wilcox, Ruth / Jin, Zhongmin / Tsiroidis, Eleftherios

## General Orthopaedics

No	TITLE	AUTHORS
494	The Bone and Joint Decade in the International Press.	Al-Nammari, Shafic / Britton, Edward / Jowett, Charlie / Majed, Addie / Sabharwal, Sanjeev / El-Tawil, Sherif / Pengas, Ioannis
516	The Impact of Cited Half-Life on the Ranking of Orthopedic Journals	El-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares
517	The Impact of Cited Half-Life on the Ranking of Orthopedic Journals	El-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares <i>Selected within the best e-posters</i>
523	 Measurement of Articular Cartilage Thickness Using a 3D Image Reconstructed from B-mode Ultrasonography Mechanical Scans -Comparison with MRI-derived Data-	Ohashi, Satoru / Ohnishi, Isao / Matsumoto, Takuya / Bessho, Masahiko / Matsuyama, Juntaro / Tobita, Kenji / Kaneko, Masako / Nakamura, Kozo
531	Periosteal augmentation of allograft bone and its effect on implant fixation	Barckman, Jeppe / Baas, Jorgen / Sorensen, Mette / Bechtold, Joan / Soballe, Kjeld
541	MRI analysis of the Component-bone interface after TKA	Heyse, Thomas / Chong, Le Roy / Davis, Jack / Boettner, Friedrich / Potter, Hollis / Haas, Steven
557	"Inappropriate Trauma Radiographs in the Emergency Department"	Ebreo, Darren / Morgan, Barnes / Pennie, Bruce
563	Single Bolus of Tranexamic Acid (TXA) Decreases Transfusion Risk After Primary Total Hip	Beaulé, Paul / March, Gerard / Elfatori, Salah <i>Selected within the best e-posters</i>
597	The wound healing effect of collagen-hyaluronic acid implanted to the partially injured anterior cruciate ligament	Lee, Hwa Sung / Kwon, Soon Yong / Seo, Young Kwon
598	Relation of Growth Differentiation Factor 5 (GDF5) Core Promoter Polymorphism with Susceptibility to Osteoarthritis in the Korean Population	Lee, Hwa Sung / Park, Won Sang <i>Selected within the best e-posters</i>
642	The Influence of Explanted Proximal Femur Implant Geometries on Bone Strength	Cartner, Jacob / Russell, Toney / Zheng, Yanming / Ricci, William / Tornetta Iii, Paul
649	Improved Torsional Fatigue Properties with Thin Locked Versus Non-Locked Plate Constructs for Fixation of Simulated Osteoporotic Distal Fibula Fractures	Jones Iii, Robert / Tornetta Iii, Paul / Ricci, William / Gerlach, Darin / Petteys, Tim
651	The Magic Wand for Distal Locking!	Whitten, Stephen / Patel, Priyesh / Tseng, Susan / Ricci, William / Tornetta Iii, Paul
659	Biologic plating of fractures without C-arm	Tavakoli, Mohsen
678	Does the cited half-life of articles improve the impact factor of orthopedic journals?	El-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares
679	Does the cited half-life of articles improve the impact factor of orthopedic journals?	El-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares
683	Use of silicated porous hydroxyapatite (Si-CaP) in traumatic bone defects – a prospective clinical trial assessing efficacy and union rates with a minimum 1 year follow up	Borniger, Nina / Wilde, Erik / Brüning Genannt Wolter, Felix / Schlottau, Sylvia / Schulz, Arndt
685	Is crossmatching for primary joint arthroplasty necessary?	Sen, Aroop / Sinha, Satyajit / Campbell, Alexander / Paode, Vikram / Joseph, Jibu



## General Orthopaedics

No	TITLE	AUTHORS
765	A matched comparison of fixation technique for distal femur osteotomies: Fixator assisted plating vs. unilateral frame	Seah, Matthew / Raheel, Shafi / Fragomen, Austin / Rozbruch, S
777	The Neck Pivot-Shift Phenomenon: Motion within the unstable cervical spine during patient maneuvering.	Lador, Ran / Ben-Galim, Peleg / Dreiangel, Niv / Hipp, John
804	Hyaline Cartilage Regeneration after treatment with Platelet Derived Growth Factors and Mesenchymal Stem Cells	Dorea, Roberto Jose / Sodre, Fabio / Noronha, Jose / Dos Santos, Ricardo
831	The relation between total knee arthroplasty surgery and blood transfusion	Ares, Oscar / Macule, Francisco / Popescu, Dragos / Matinez-Pastor, Juan / Segur, Josep / Sastre, Sergi / Lozano, Luis / Suso, Santiago / Tio, Montserrat / Garcia, Ramona / Nuñez, Montserrat
834	Trauma clinic referrals: are most of them appropriate?	Kakwani, Rajeshkumar / Sinha, Apurva / Tawari, Gautam / Sonsale, Paresh
858	Manipulating the anabolic and catabolic response in bone graft remodelling. Synergism by a combination of local BMP-7 and a single systemic dosis of zoledronate.	Bosemark, Per / Bosemark, Per / Tägil, Magnus / Little, David
880	The effect of clopidogrel and aspirin on blood loss in hip fracture surgery	Chechik, Ofir / Chechik, Ofir / Thein, Ran / Fichman, Gil / Haim, Amir / Ben Tov, Tomer / Steinberg, Ely
931	Development of a novel strategy for enrichment of skeletal stem cells for clinical application	Dawson, Jonathan / Smith, James / Aarvold, Alex / Jones, Andrew / Ridgway, Jonathan / Curran, Stephen / Dunlop, Douglas / Oreffo, Richard
943	The effect of spinal shortening after total en bloc spondylectomy: A biomechanical study in the thoracic spine	Kato, Satoshi / Murakami, Hideki / Demura, Satoru / Fujimaki, Yoshiyasu / Okamoto, Yoshiyuki / Hayashi, Hiroyuki / Inoue, Kei / Kawahara, Norio / Tsuchiya, Hiroyuki / Tomita, Katsuro
960	The structure and function of the muscle after chronic rotator cuff tear in a modified rabbit model	Farshad, Mazda / Meyer, Dominik / Nuss, Katja / Gerber, Christian
985	Operation note proformas and their impact on improving quality of documentation – a district general hospital experience	Thakrar, Raj / Deol, Rupinderbir / Kitson, John
1043	"Brake Pedal Force" as a criterion to assess the ability of orthopaedic rehabilitation patients to return to driving.	Chatha, Hamid / Macleod, Kirsty / Lewis, James / Smitham, Peter / Grange, Simon / Mccarthy, Ian
1046	Comparison of the Coefficient of Friction of Porous Ingrowth Surfaces	Dimaano, Fred / Hermida, Juan / D'lima, Darryl / Colwell Jr, Clifford / Kulesha, Gene
1071	Effect of weight bearing regime on fractures site strain of distal third tibial fractures treated with a locking compression plate.	Upadhyay, Piyush / Beazley, James / Dunbar, Mark / Costa, Matthew
1073	Segmentary temporary instrumentation – experimental study	Ursu, Traian / Nedelea, Georgiana
1090	A Prospective Audit Of Patient Experience Of Fracture Clinic Services In Our District General Hospital	Jeyaseelan, Luckshmana / Ward, Jonathan / Papanna, Madhavan / Kalairajah, Yegappan
1119	Are trauma patients admitted to hospital without a fractured neck of femur discriminated against and delayed in going to theatre?	George, David / Winter, Sarah / Isbister, Eric

## General Orthopaedics

No	TITLE	AUTHORS
1141	A retrospective evaluation of the Enhanced Recovery Program on length of hospital stay in patients undergoing total hip & knee replacements.	Rashid, Abbas / Suliman, Samir / Sitton, Geri / Al-Nammari, Shafic / Yau, Raymond / Mellor, Simon
1162	Return to Theatre Following Total Hip and Knee Arthroplasty, Before and After the Introduction of Rivaroxaban – A Retrospective Cohort Study	Jensen, Cyrus / Steval, Andrew / Partington, Paul / Reed, Mike / Muller, Scott
1221	Incidence of Cerebral Fat Embolism Syndrome after Simultaneous Bilateral Total Knee Arthroplasty	Nam, Chang Hyun / Jung, Kwang Am / Park, Il Seok / Hwang, Seung Hyun / Lee, Dong Won
1224	The Peripheral Vascular Disease in Total Knee Arthroplasty Candidate: The Preoperative Prevalence and Risk Factors	Park, Il Seok / Jung, Kwang Am / Nam, Chang Hyun / Hwang, Seung Hyun / Lee, Dong Won / Yang, Ki Hyuk
1235	Musculoskeletal tissue engineering based on magnetic nanoparticles approach: biocompatibility assessment on rabbit	Russo, Alessandro / Panseri, Silvia / Giavaresi, Gianluca / Veronesi, Francesca / Sandri, Monica / Tampieri, Anna / Dionigi, Chiara / Ortolani, Alessandro / Strazzari, Alessandro / Dediu, Valentin / Marcacci, Maurizio
1256	Review of successful litigation against English health trusts in the treatment of adults with orthopedic pathology. Clinical Governance Lessons learned	Atrey, Amit / Gupte, Chinmay / Corbett, Steven
1304	Oral Thromboprophylaxis in Pelvic and Lower Limb Trauma (standardized protocol)	Godoy Monzon, Daniel / Cid Casteulani, Alberto / Iserson, Kenneth
1326	Changes of in vivo TKA kinematics during 3-years follow up	Shimizu, Norimasa / Tomita, Tetsuya / Kurita, Masahiro / Yamazaki, Takaharu / Kunugiza, Yasuo / Sugamoto, Kazuomi
1338	Health related quality of life in patients suffering from musculoskeletal diseases in the orthopaedic outpatient office.	Kyriakopoulos, Stamatias / Yfantopoulos, John / Mavrolias, Dimitrios / Badilas, Nikolaos / Tagalegas, Ioannis / Kotoulas, Elias / Sofianos, Ioannis
1340	Prolyl 4-hydroxylase inhibition results in reduced fibroblast proliferation and collagen synthesis – Implications for Dupuytren's disease?	Lechler, Philipp / Handel, Martin / Renkawitz, Tobias / Grifka, Joachim
1406	The engineered BMP-2 variant L51P promotes bone formation in vivo via inhibition of Noggin	Klenke, Frank / Sebald, Hans-Joerg / Siegrist, Mark / Albers, Christoph / Siebenrock, Klaus A. / Sebald, Walter / Hofstetter, Wilhelm
1412	An Analysis of Sclerostin Expression During Fracture Healing In a Rat Femur Model	O'dowd-Booth, Christopher / Chenu, Chantal
1422	Medial Osteoarthritis of the Knee – Infiltration of the M. gastrocnemius medialis.	Schreiner, Andreas
1434	The use of Demineralized Bone Matrix (DBM) and Bone Marrow Concentrate (BMC) in fracture delayed union	Donati, Davide / Frisoni, Tommaso / Cevolani, Luca / Diliddo, Michele / Giannini, Sandro
1450	The innovative EOS® System for the study of total hip arthroplasty patients : a pioneering experience in 100 cases	Lazennec, Jean Yves / Rousseau, Marc Antoine / Rangel, Alfonso / Gozalbes, Vicente / Chabane, Samir / Brusson, Adrien / Picard, Claire / Catonne, Yves
1457	Post-operative Morbidity of Patients on Clopidogrel presenting with Hip Fractures	Rafiq, Imran / Butt, Umer
1469	Micromotion of Cementless Tibial Baseplates: The Effect of Peg vs. Keel Fixation	Bhimji, Safia / Meneghini, R / Racanelli, Joseph

## General Orthopaedics

No	TITLE	AUTHORS
1515	Geometric mismatch analysis of humeral nail in the Asianumerus: antegrade versus retrograde insertion	Mahaisavariya, Banchong / Jiamwatthanachai, Pongnarin / Aroonjarattham, Panya / Sitthiseripratip, Kriskrai
1540	Use of Autologous Platelet Concentrate in treatment of Non Union of fractures of long bones	Kumar, Vijay / Singh, Ravijyot / Garg, Bhavuk / Malhotra, Rajesh
1561	To evaluate the corelation between Abnormal head-neck offset and low prevalence of primary osteoarthritis in Indian population	Kumar, Vijay / Khatri, Dharmesh / Kanan, Arun / Malhotra, Rajesh
1590	Subcutaneous injection of Low Molecular Weight Heparin (LMWH) ; do we need to change practice to an oral agent?	Davidson, Jerome / Ellens, Nigel / East, Debra / Miles, Kim / Butler-Manuel, Peter / Apthorp, Hugh
1592	Spinal Growth Modulation by Hemicircumferential Electrocoagulation:An Experimental Study	Sánchez Ruas, Jaime Jorge / Burgos Flores, Jesús / Aranda Romero, Fernando / Del Olmo Hernández, Teresa / Caballero García, Alberto / Barrios, Carlos / Hevia, Eduardo / Beguiristáin, José / Correa Gorospe, Carlos / Ruiz Ibán, Miguel / Díaz Heredia, Jorge / López Mondéjar, José / Gómez, María
1621	An audit into the use of rivaroxaban in orthopaedic surgery	Mangat, Navjeet / Sanders, Kieran / Fraser, John
1648	RSA Evaluation of Wear of Vitamin E Stabilized Highly Cross-linked Polyethylene	Bragdon, Charles / Greene, Meredith / Freiberg, Andrew / Kwon, Young-Min / Rubash, Harry / Malchau, Henrik
1657	Does the timing of tourniquet release impact upon the efficacy of 'retransfusion' drains in total knee arthroplasty? A stratified randomised pilot study	Dutton, Thomas / De Souza, Ruth / Costa, Matthew
1658	Observational analysis of BOA free – papers (2001): from presentation to publication Et comparison with the American Academy of Orthopaedic Surgeons (AAOS)	Ul Haq, Muhammad / Gill, Inder
1698	Demineralised bone matrix and human cancellous bone enhance fixation of titanium implants	Babiker, Hassan / Ding, Ming / Overgaard, Søren
1709	Association between femoral tilt and impingement-free range of motion in navigated total hip arthroplasty following the femur first concept	Renkawitz, Tobias / Sendtner, Ernst / Lechler, Philipp / Dohmen, Lars / Gneiting, Sabine / Springorum, Hans-Robert / Grifka, Joachim / Wörner, Michael / Haimerl, Martin
1727	Effect of electrolyte-plasma polishing on the surface properties of titanium bone plates	Wendlandt, Robert / Schulz, Arndt / Jürgens, Christian
1744	Are we managing acute knee effusion well ?	Butt, Umer / Butt, Umer / Ahmad, Riaz / Hussain, Azhar / Yousuf, Kamran / Rafiq, Imran / Smeetham, Peter / Rangaswamy, Girish / Miller, Roman / Eid, Ahmed / Murray, James
1748	Tranexamic acid administration does not produce a clinically significant drop in blood use in revision hip arthroplasty	Kazi, Hussain / Kazi, Hussain / Fountain, James / Thomas, Glyn / Carroll, Fintan
1788	Single dose Tranexamic acid and Rivaroxiban reduce blood loss and transfusion rate after primary total knee arthroplasty	Mitchell, Sarah / Walmsley, Phil / Brenkel, Ivan
1797	RSA Evaluation of an Implant System for Above the Knee Amputee Patients	Bragdon, Charles / Malchau, Henrik / Antonellis, Anne / Nebergall, Audrey / Kärrholm, Johan / Branemark, Rickard / Berlin, Orjan

## General Orthopaedics

No	TITLE	AUTHORS
1804	A comparison of the effects of 3 different drugs on the post-operative bleeding after total hip and knee arthroplasty	Bistolfi, Alessandro / Bettoni, Elisa / Rosso, Federica / Boffano, Michele / Di Carlo, Silvia / Gaito, Valentina / Olivero, Carla / Massazza, Giuseppe / Crova, Maurizio
1810	NHS budget cuts putting patients and surgeons at risk	Chou, Daud / Isa, Munazzah / Hamlyn, Sarah / Forward, Daren
1815	Measurement of Polyethylene Wear in THA Using a High Resolution CT Scanner.	Bragdon, Charles / Goldvasser, Dov / Doerner, Michael / Olivecrona, Henrik / Maguire, Gerald / Zeleznik, Michael / Weidenhielm, Lars / Malchau, Henrik / Noz, Marilyn
1822	A review of orthopaedic theatre time utilization	Mangat, Navjeet / Elfaki, Abdel
1829	An Assessment of Metal-Cutting Drills Used To Remove Cold Welded Screws – Are They Safe and Are There Cheaper Alternatives?	Cook, Andrew / Southorn, Thomas / Schenk, Willem
1832	Thromboprophylaxis for Total Hip Replacement Patients at Northwick Park and Central Middlesex Hospitals	Agni, Nickil / Soneji, Neil / Acharya, Metesh / Anjari, Mustufa / Ashby, Emily / Al-Chalabi, Sara / Jagernauth, Simond / Murphy, J
1856	Estimating blood loss – “WHO” do we do? An audit of completion level of WHO preoperative blood loss estimates.	Toolan, Caroline / Withers, Daniel / Cope, Marcus
1868	Patient Compliance with Self Administration of Enoxaparin for Thromboprophylaxis after Knee Arthroplasty	Davies, Harry / Dudhniwala, Abdul / Rath, Narendra / White, Simon
1884	Extracorporeal shock waves in articular cartilage defects in the rats	Cinar, Bekir / Circi, Esra / Guven, Gulnur / Tuncay, Ismail / Hersekli, Murat / Dericek, Alihan
1917	Is the Neutrophil: Lymphocyte ratio a useful prognostic indicator in elderly hip fracture patients?	Barr, Lynne / Ali, Erden / Johnston, Phillip
1919	Effect of Dual Coating Proteins Chemically Bonded to Titanium Alloy on Sealing the Transcutaneous Skin-Implant Interface	El-Husseiny, Moataz / Pendegrass, Catherine / Haddad, Fares / Blunn, Gordon
1922	Biomechanical and histological comparison of the influence of extracorporeal shock waves on the chronic achilles tendinitis in the rats	Cinar, Bekir / Circi, Esra / Balcik, Cenk / Guven, Gulnur / Akpinar, Sercan / Dericek, Alihan
1923	Early complications of lengthening with monolateral external fixation	Isart, Anna / Correa, Eva / Miquel, Joan / Martinez, Sara / Ginebreda, Ignacio / Cáceres Palou, Enric
1926	Peri-operative seeding of bone marrow stromal cells on clinical tissue engineering scaffolds.	Bajada, Stefan / Wright, Karina / Johnson, William Eustace / Richardson, James
1935	Improving Fibroblast Growth and Adhesion by Dual Coating Proteins Silanized to Titanium Alloy	El-Husseiny, Moataz / Pendegrass, Catherine / Haddad, Fares / Blunn, Gordon
1938	Comparison of different blood management methods in primary total knee replacement	Domos, Peter / Panteli, Michalis / Rudra, Tanuja / Schenk, Willem / Dunn, Andrew
1942	Image Intensifier Use In Trauma Orthopaedic Surgery	Munro, Christopher / Mccullough, Louise / Johnston, Andrew / Sutherland, Alasdair
1943	Complex Septic Non-union of the Forearm; An Indication for the Masquelet Technique	Ahmad, Mudussar / Delli-Sante, Emilio / Harwood, Paul / Kanakaris, Nik / Giannoudis, Peter

## General Orthopaedics

No	TITLE	AUTHORS
1954	Evidence based reduction in prophylactic antibiotic use for elective orthopaedic surgery: A single centre audit cycle	Webb, Derek / Aarvold, Alex / Saunders, Sue / Ardolino, Toni / Olyslaegers, Christophe / Southgate, Jeremy / Martin, Mick
1957	Effect of Cemented Tibial Stems on Bone Cement Stresses as a Function of Patient Body Weight	Gopalakrishnan, Ananthkrishnan / Kester, Mark / Hedley, Anthony
1962	Have we improved in the management of Hospital Acquired Pneumonia, following surgery for fractured neck of femur (re-audit)?	Mermekli, Asimonia / Kaczynski, Jakub / Glover, Joanne / Wilczynska, Maria / Economou, Alexis / Russ, Jane / Roberts, Michaela / Choudhuri, Ujjal
1970	Wound ooze in hip arthroplasty: blood transfusions increase following introduction of Rivaroxaban for VTE prophylaxis compared to low molecular weight heparin	Garfjeld Roberts, Patrick / Inglis, Robert
2022	Patients' Misunderstanding of Common Orthopaedic Terminology: The Need for Clarity	Bagley, Caroline / Hunter, Alistair / Bacarese-Hamilton, Ian
2031	The Comparison of Fixation Strength of Locking Screw and Plate according to Tilt Angles of the Screw	Kim, Ji Wan / Kim, Jung Jae / Lee, Kang-Sik / Oh, Hyoung-Keun
2058	"Early Detection of Impending Catastrophic Joint Failure in Hip and Knee Joint Replacement Patients By Monitoring 10 Year Follow-up Radiographs"	Beaver, Richard / Sloan, Karen / Webb, James / Beveridge, Todd / Pollock, Joanne
2061	Effect of anti-platelet agents on post-operative blood loss and transfusion requirements during surgical treatment of hip fractures	Drabu, Roshan / Drabu, Roshan / Chandran, Prakash / Banim, Ronan
2068	Preliminary results of using TNF- $\alpha$ and MMP-8 as biomarkers of knee cartilage lesions	Zazgyva, Ancuta / Russu, Octav / Gergely, Istvan / Zuh, Sandor / Pop, Tudor / Nagy, Ors
2079	The Impact of medicamentous anticoagulation on point of surgical care, operation time, necessity of transfusion and complication rate in geriatric patients with proximal femoral fracture	Buecking, Benjamin / Strüwer, Johannes / Waschnick, Lutz / Ruchholtz, Steffen
2090	Preclinical finite element analysis of a novel tapered hip stem optimized for stability at a reduced length.	Boucher, Florian / Wuestemann, Thies / Parvizi, Javad / Bastian, Adam / Nevelos, Jim
2109	Nursing Staff Awareness of compartment syndrome in Trauma and Orthopaedic Wards – Closing The Loop	McGovern, Paul / Jafri, Anwar / Thomas, Suresh / Prasad, Govinda
2126	Intraoperative Cell Salvage in Primary Hip Arthroplasty	Ralte, Peter / Grant, Stephen / Morapudi, Syam / Denn, Peter / Barnes, Keith
2129	Effective Blood Loss under Dabigatran vs. Low. Molecular Heparin in Hip and Knee Replacement	Kendoff, Daniel / Doering, Matthias / Dütsch, Michael / Gehrke, Thorsten / Röhrs, Ehrenfried
2145	The Impact of different cerclage wiring methods for tension band wiring on the Strength of the Wiring construction	Tsang, Kai / Shamila, Adil / Port, Andrew / Joyce, Tom
2193	Efficacy of Linezolid Alone or in Combination with Gentamycin and Vancomycin Impregnated in Acrylic Bone Cement	Snir, Nimrod / Meron-Sudai, Shiri / Ofek, Itzhak / Dekel, Shmuel
2197	Forced Air Warming Versus Conductive Fabric Blankets: A Randomized Trial of Laminar Flow Disruption	McGovern, Paul / Albrecht, Mark / Nachtsheim, Chris / Reed, Mike



General Orthopaedics

No	TITLE	AUTHORS
2200	Peri-operative fluid challenge and mortality in hip fracture patients	Poulsen, Viktoria / Gamst, Hejdi / Belhage, Bo
2210	Filmless total hip arthroplasty templating on surgeon's own personal computers: a reliable & user friendly solution at no cost	Holzer, Nicolas / Rosset, Antoine / Heuberger, Joris / Volz, Alessandro / Christofilopoulos, Panayiotis / Ratib, Osman / Peter, Robin
2243	Absolute intraarticular pressure, dislocation force and dislocation work as parameters to quantify the hip joint stability – An experimental study	Prietzl, Torsten / Farag, Mohamed / Richter, Klaus Wolfram / Heyde, Christoph-Eckhard
2247	Thromboembolic Events Following Ankle Fracture - Do We Need Prophylaxis?	Morris, Stephen / Kelly, Andrew
2259	Biocompatibility Study of Large Surface Area Implant	Sparring, Sune / Lauritzen, Jes / Duus, Benn / Jorgensen, Henrik
2262	Ice and Snow in Oslo Gave a Marked Increase in Distal Radius Fractures, but Not in Hip Fractures	Stoen, Ragnhild / Lofthus, Cathrine / Hygen, Hans Olav / Nordsletten, Lars / Frihagen, Frede
2266	A comparison of the curasan method and the magellan system as a source of platelet-rich plasma used to stimulate bone remodeling in pediatric orthopedics	Latalski, Michal / Fatyga, Marek / Gregosiewicz, Andrzej / Szponder, Tomasz
2268	A new urine test to assess coagulation activity status after total hip or knee arthroplasty	Borris, Lars / Breindahl, Morten / Lassen, Michael / Pap, Akos / Misselwitz, Frank
2313	Continous monitoring and feedback of partial weight bearing using the new telemetric gait analysis device MEDICO Step.	Wolf, Matthias / Clar, Heimo / Sadoghi, Patrick / Kastner, Norbert / Gruber, Gerald / Glehr, Mathias / Leithner, Andreas
2324	Does day of operation affect length of stay in patients undergoing primary hip or knee arthroplasty?	Reidy, Michael / Dagleish, Stephen / Cochrane, Lynda / Singer, Brian
2373	Improving safety in the operating room: effect of a crew resource management program in the surgery department of the Geneva University Hospital	Suva, Domizio / Lübbecke, Anne / Haller, Guy / Hoffmeyer, Pierre
2378	Development and Validation of a Novel Modular Dual Mobility Hip Bearing	Coustance, Antoine / Heffernan, Christopher / Bhimji, Safia / Macintyre, James / Ron, Michael / Nevelos, Jim / Markel, David / Cabanela, Miguel
2405	Cartilage growth alteration in pigs treated with chromic phosphate P-32 colloid	Douglas Price, Ana / Soroa, Victoria / Moreira, Luis / Moretti, Noemi / Cavilgia, Horacio
2406	Treatment of Musculoskeletal diseases with PRP: Preliminary Results	Manconi, Anna / Di Monda, Antonio / Manunta, Andrea
2409	Assistance in Total Knee Replacement: Is More the Merrier	Garg, Bhavuk / Kumar, Vijay / Malhotra, Rajesh / Kotwal, Prakash
2512	Condral lesions of the knee treatment using trufit scaffold and biological collagen membrane	Di Cave, Elvira / Versari, Pierluigi / Luzon, David / Basile, Angela / Hoedemaeker, Russalka / Ciurluini, Marta
2538	Do patients care? – A survey of the dress code of orthopaedic doctors in a district general hospital	George, Akintunde / Lim, Michael / Jeavons, Richard / Mcvie, Jim
2647	Porosity and viscosity in polymethylmethacrylate bone cement:A microtomographic assessment	Da Assuncao, Ruy / Pelletier, Matthew / Lau, Abe / Marsh, Robert / Bruce, Warwick / Walsh, William

General Orthopaedics

No	TITLE	AUTHORS
2665	The Effect of Pubic Symphysis Diastasis on Hip Joint Loading	Katsoulis, E / Xypnitos, Fragiskos / Stewart, Todd / Giannoudis, Peter
2676	The use of bone graft substitutes in the orthopaedic and trauma surgery	Zlatev, Borislav / Zlatev, Borislav / Baltov, Asen / Tzachev, Nedelcho / Lilliyarov, Danail
2721	Surgically explanted vitamin-E stabilized radiation crosslinked UHMWPE acetabular liners	Wannomae, Keith / Rowell, Shannon / Muratoglu, Orhun
2730	Increasing the Potency of Vitamin E in Crosslinked UHMWPE/vitamin E Blends	Wannomae, Keith / Oral, Ebru / Muratoglu, Orhun
2735	Surface thickness affects the impact strength of surface crosslinked UHMWPE	Wannomae, Keith / Oral, Ebru / Muratoglu, Orhun
2740	Comparative analysis of load transfer in a healthy and degenerate lumbar intervertebral disc	Spiteri, Michelle / Cauchi, M / Sant, Z
2768	Warfarin Management of Patients on Continuous Anticoagulant Therapy undergoing Total Knee Arthroplasty	Chana, Rishi / Chana, Rishi / Salmon, Lucy / Kok, Alison / Pinczewski, Leo
2801	Results of Iatrogenic nerve repair in the upper limb and their prevention	Kakkar, Rahul / Oberlin, Christophe
2809	Arthroplasty in the Press	Al-Nammari, Shafic / Al-Hadithy, Nawfal / Mordecai, Simon / Donaldson, James / Pengas, Ioannis / Jowett, Charlie / Majed, Addie
2810	Stresses in the Ankle joint and Total Ankle Replacement design	Kakkar, Rahul / Devalia, Kailash
2885	The incidence and causes of mortality of orthopaedic and trauma patients at a tertiary referral centre.	Yousaf, Sohail / Nazar, Mubeen / Bernard, Jason / Bishop, Tim
2887	Orthopaedics in the Press	Al-Nammari, Shafic / Mordecai, Simon / Al-Hadithy, Nawfal / Donaldson, James / Gikas, Panos / Rashid, Abbas / Majed, Addie / Britton, Edward
2961	Navigated Percutaneous Lumbosacral Interbody Fusion : a feasibility study with 3D surgical simulation and cadaveric experiment	Wang, Yu / Bunger, Cody / Le, Dang / Li, Haisheng
2978	Practice of out-lying elective orthopaedic patients increases length of hospital stay	Venkatesan, Muralidharan / Heasley, Richard / Lang, Derek
2993	Is there a role for cognitive therapy in fall prevention?	Senden, Rachel / Savelberg, Hhcm / Adam, Jj / Grimm, B / Heyligers, Ic / Meijer, K
3000	Finite element analysis of locking plate fixation for B1 Periprosthetic Femoral Fractures: the biomechanical effect of bone quality and fracture topography.	Leonidou, Andreas / Moazen, Mehran / Jones, Alison / Wilcox, Ruth / Jin, Zhongmin / Tsiridis, Eleftherios
3003	Gyrometer based gait analysis as an objective functional assessment tool in clinical orthopaedics.	Bolink, Stijn / Lipperts, Matthijs / Heyligers, Ide / Grimm, Bernd
3059	Does different cocmo counterfaces influence on uhmwpe wear ?	Torres, Ana / Fairen, Mariano / Mora, V / Hoffmann, M / Stroosnijder, R / Murcia, Antonio
3096	Dickkopf-1 protein (DKK1) concentration in serum at diagnosis is strongly correlated to fractures in patients with multiple myeloma (MM)	Stavropoulos, Nikolaos / Maltezas, Dimitrios / Koulieris, Efstathios / Tzenou, Tatiana / Bartzis, Vasiliki / Georgiou, George / Papanikolaou, Xenofon / Vassilakopoulos, Theodoros / Angelopoulou, Maria / Dimou, Maria / Pangalis, Gerassimos / Panagiotidis, Panayotis / Kyrtsionis, Marie-Christine

## General Orthopaedics

No	TITLE	AUTHORS
3114	Ropivacaine and Fentanyl for post-operative intra-articular analgesia: both potentially cytotoxic on human fibroblasts and mesenchymal stem cells?	Ficklscherer, Andreas / Sievers, Birte / Redeker, Julia / Pietschmann, Matthias / Jansson, Volkmar / Müller, Peter
3129	Efficient Running of Orthopaedic Theatre- A fundamental to trauma patient care	Singhal, Rohit / Singhal, Rohit / Prasad, Seema / Doherty, Carol / Sanger, Rajiv / Shackelford, Ian
3130	Wet or Dry Bandages for Plaster Back-slabs?	Baliga, Santiosh / Finlayson, David
3196	A Novel Role of CD59 in Age Related Cartilage Degeneration	Paringe, Vishal / Bloom, Anja / Collins, Fraser / Carpenter, Claire / Williams, Anwen / O'doherty, Declan
3223	The use of vacuum assisted closure technique in gustilo-anderson type II & III open fractures	Ozkayin, Nadir / Okcu, Guvenir / Aktuglu, Kemal
3232	Metal deposits in a native knee following failed metal on metal hip resurfacing: a case report	Mckenna, Rosaleen / Leach, William
3285	Tissue hypoxia effect on osteosarcoma survival: role of the HIF-1alpha and VEGF protein expression	Garcia-Castellano, Jose / Vera-Gutierrez, Vicente / Viguera-Pérez, Juan / Montesdeoca-Ramos, Pedro / Medina-García, Manuel / Atallah-El Yordi, Nagib / Recarte-García-Andrade, Enrique
3292	The inhibitors of hydroxymethylglutaryl CoA reductase (statins) induce cell cycle arrest in osteosarcoma cell lines	Garcia-Castellano, Jose / Viguera-Pérez, Juan / Vera-Gutierrez, Vicente / Medina-García, Manuel / Montesdeoca-Ramos, Pedro / Atallah-El Yordi, Nagib / Recarte-García-Andrade, Enrique
3302	Osteoinductive role of the plasma-rich in growth factors in the healing of bone defects.	Garcia-Castellano, Jose / Viguera-Pérez, Juan / Vera-Gutierrez, Vicente / Medina-García, Manuel / Montesdeoca-Ramos, Pedro / Atallah-El Yordi, Nagib / Marcos-García, Alberto / Recarte-García-Andrade, Enrique
3310	Estimation of Bone loss in Revision Surgery in Dependence of Different Cementing Techniques and Bone Cements – an in Vitro Study of Tibial Components	Skwara, Adrian / Figiel, Jens / Sibbert, David / Fuchs Winkelmann, Susanne / Tibesku, Carsten / Paletta, Jürgen / Efe, Turgay
3315	Development of an Ultrasound-Guided Core Needle Biopsy Technique for Sampling Rotator Cuff Tendon	Murphy, Richard / Carr, Andrew
3317	Contrast Enhanced Ultrasound of the Rotator Cuff	Murphy, Richard / Carr, Andrew
3329	Reducing radiation exposure during orthopaedics surgery: Do we know how to do it?	Yousaf, Sohail / Nazar, Mubeen / Asmat, Faiza / Sugand, Kapil / Dabis, Hosam / Ramesh, Palanisamy
3395	Factors affecting blood transfusion requirement in primary total hip replacement.	Cobb, Andrew / Singh, Vinay / Cobb, William / Kidd, Alexander / Rudd, Susan
3447	Hydrogels enriched with bone marrow stromal cells: a novel strategy to ameliorate osteointegration of titanium implants	Zagra, L. / Moretti, M. / Bonacina, E. / Segatti, F / Lopa, S.

## Infection

36	Modern wound care for Haiti: A clinical randomized study comparing conventional wet gauze dressing with home-made VAC for complicated wounds	Von Rueden, Christian / Perez, Anna / Bramkamp, Matthias / Exe, Chauvet / Perez, Daniel
83	Differences between biofilm characteristics of MRSA and MSSA causing Orthopaedic implant infection.	Oduwole, Kayode / Hammerton, Hayden / Onayemi, Olufunso / McCormack, Damian

## General Orthopaedics

No	TITLE	AUTHORS
207	Two-Stage Procedure With Subsequent Spacer Exchange For Revision Of Infected Total Knee Replacement. Retrospective Clinical And Radiographic Evaluation Of 87 Patients At 3 To 14 Years Of Follow-Up	Bruni, Danilo / Iacono, Francesco / Zaffagnini, Stefano / Raspugli, Giovanni / Marcheggiani Muccioli, Giulio / Bonazinga, Tommaso / Lo Presti, Mirco / Marcelli, Maurizio
488	Cell count and differential of aspirated joint fluid in the diagnosis of prosthetic joint infection	Gallo, Jiri / Juranova, Jarmila / Zapletalova, Jana / Kolar, Milan
627	Diagnostic accuracy of combined 99mTc-Sulesomab and 99mTc-nanocolloids bone marrow imaging in detecting prosthetic joint infection	Sousa, Ricardo / Massada, Marta / Pereira, Alexandre / Fontes, Flavia / Amorim, Ines / Antonio, Oliveira
631	S.aureus nasal colonization risk factors in total hip and knee arthroplasties candidates	Sousa, Ricardo / Santos, Ana Claudia / Pereira, Alexandre / Massada, Marta / Freitas, Daniel / Aido, Ricardo / Oliveira, Antonio
798	A prospective clinical trial of antimicrobial titanium implants supported by povidone iodine	Tsuchiya, Hiroyuki / Shirai, Toshiharu / Murakami, Hideki / Watanabe, Koji / Kabata, Tamon / Nishida, Hideji / Yamamoto, Norio / Nakase, Junsuke
818	Systemic exposure to tobramycin after local antibiotic treatment with calcium sulphate as carrier material	Wahl, Peter / Livio, Françoise / Jacobi, Matthias / Gautier, Emanuel / Buclin, Thierry
1051	A simple method to prevent gown and glove contamination during surgical scrub.	Beazley, James / Marshall, Polly / Williams, Geraint / Clayton, James
1104	Ultra clean air laminar flow theatre and vascular graft surgery- lessons to be learnt by the orthopaedic team	Sharma, Hemant / Jones, Nadine / Bosanquet, Dave / Gill, Nick / Lewis, Michael / Lewis, Peter
1295	Audit of Prophylactic Antibiotic use in Elective and Trauma Surgery	Goudie, Stuart
1371	Measures to Reduce Surgical Site Infection Following Management of Neck of Femur Fractures	Johnson, Benjamin / Starks, Ian / Bancroft, Gordon / Fawdington, Ross / Roberts, Philip
1444	Propionibacterium acnes infection after hip and knee arthroplasty: a diagnostic and management challenge	Rafiq, Imran / Lidle, Alexander / Iyer, Shabnam / Andrade, Anthony / Ferguson, Colin
1738	Infection in Primary Hip Replacement after Previous Intraarticular Steroid Injection	Meermans, Geert / Corten, Kristoff / Simon, Jean-Pierre
1841	War-related infected tibial nonunions treated with the Ilizarov method.	Bumbasirevic, Marko / Tomic, Slavko / Lesic, Aleksandar
1915	Trauma Infection Rates in a District General Hospital.	Gakhar, Harinder / Rajamani, Vijay / Ahmed, Naveed / Sharma, Hemant / Samuel, David / Jones, S / Khandeparkar, Vivek / Ahluwalia, Harpreet / Bainton, Kylie / Williams, Lisa
2001	Do diabetic patients with proximal femoral fractures have a higher incidence of peri-operative complications?	Goff, Thomas / Tan, Hiang Boon / Dimitriou, Rozalia / Giannoudis, Peter
2016	A literature review of changing trends in Infecting Organisms in Infected Primary Total Hip Replacement.	Mullan, Conor / Mcalinden, M
2033	The Latent Infection in Nonunion of Distal Femoral Fractures	Kim, Ji Wan / Kim, Jung Jae / Byun, Seong-Eun / Oh, Hyoung-Keun
2063	Outcome following septic versus aseptic revision total knee arthroplasty: a retrospective study of 138 consecutive cases.	Trouillet, Franck / Lustig, Sebastien / Magnussen, Robert / Demey, Guillaume / Servien, Elvire / Neyret, Philippe
2130	One stage intervention for infected, non-united, short tibia.	Allam, Ahmad

## General Orthopaedics

No	TITLE	AUTHORS
2188	Forced Air Warming: An Evaluation of Filtration Adequacy and Internal Microbial Contamination	McGovern, Paul / Albrecht, Mark / Nachtsheim, Chris / Reed, Mike
2213	Improving the diagnostics of prostetic-joint infections by prolonged bacterial culture of periprosthetic tissues	Skovby, Anette / Andersen, Mikkel / Bjoerslev, Naja / Friis-Moeller, Alice / Hvolris, Jesper
2238	Silver Coating of Prostheses to Diminish Post-Operative Infection	Cannon, Stephen
2269	Lautenbach procedure without drains for chronic osteomyelitis: A medium term followup.	Rath, Narendra / Katehall, Amanda / Morgan-Jones, Rhidian
2460	Septic arthritis of the knee following anterior cruciate ligament reconstruction	Sajovic, Matjaz / Lesnicar, Gorazd / Dernovsek, Mojca
2473	Infectious management of severe limbs open trauma. Massive attack with large spectrum antibiotics or targeted action with microbiologists ?	Gaillard, Christophe / Gaillard, Tiphaine / Butin, Christophe / Nguyen, Minh Khanh / Levadoux, Michel / Brisou, Patrick
2501	Factors Affecting the Incidence of Deep Wound Infection after Hip Fracture Surgery.	Harrison, Tim / Cook, Andrew / Robinson, Paul / Parker, Martyn
2707	Surgical Site Infection Prevalence after Partial Hip Replacement for the treatment of Hip Fracture. The effectiveness of two different antibiotic prophylactic protocols.	Cruz-Ocaña, E / Alijanipour, P / Cruz-Ocaña, E / Cano-Porras, Jr / Guerado-Parra, E
2746	First Clinical Experience With A New Modular Spacer Arthrodesis In Large Bone Defects after Failed Knee Arthroplasty	Wetzel, Ralph / Rabenseifner, Lothar
2820	Influence of collagen concentration of local antibiotic drug carriers on local and systemic vancomycin concentration in prosthetic joint infections	Ottlinger, Fritz / Füchtmeier, Bernd / Neugebauer, Rainer
2924	Transmetatarsal Amputation For Deep Forefoot Infections In Diabetic Patients	Ball, Thomas / Taylor, Clare / Gornall, Ruth / Mccarthy, Robert / Paisey, R / Davis, James
3027	Herpes-Zoster, an unusual but potentially treatable cause of sciatica and foot drop.	Sprenger De Rover, Walter / Alazzawi, Sulaiman / Hallam, Peter / Hutchinson, Rachel / Di Mascio, Livio
3161	Recurrent fluctuant mass of wrist and forearm – Clinical presentation of an atypical mycobacterial infection.	Mazis, George / Sakellariou, Vasileios / Fandridis, Emmanouil / Mavrogenis, Andreas / Spyridonos, Sarantis
3299	Recessive partial defect in IFN-gamma receptor 1 as cause of death in a patient who presents with vertebral osteomyelitis.	Garcia-Castellano, Jose / Vera-Gutierrez, Vicente / Viguera-Pérez, Juan / Montesdeoca-Ramos, Pedro / Medina-García, Manuel / Atallah-El Yordi, Nagib / Rodríguez-Gallego, Carlos / Recarte-García-Andrade, Enrique
3396	Modified Papineau technique for management of chronic osteomyelitis	Paringe, Vishal / Morgan-Jones, Rhidian

[Selected within the best e-posters](#)

## Osteoporosis

245	Long-term treatment of postmenopausal osteoporosis with strontium ranelate: results at 6 years	Zidrou, Christiana / Neophytou, Demos / Melas, Ioannis / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios
247	Osteopenia and gastro esophageal reciprocation	Zidrou, Christiana / Neophytou, Demos / Liakos, Theodoros / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios

## General Orthopaedics

No	TITLE	AUTHORS
467	Cement adding in volar locking plate for the treatment osteoporotic distal radius fractures	Facca, Sybille / Taleb, Chihab / Liverneaux, Philippe
542	Increased fracture risk in patients with rheumatic disorders and other inflammatory diseases. A case-control study with 53,108 fracture patients.	Weiss, Rüdiger / Ackermann, Paul / Montgomery, Scott
586	Atypical Transverse Pattern Femoral Fractures	Thompson, Robin / Mccauley, Seosamh / Elliott, James
661	Diagnosis and treatment of osteoporosis in hip fracture patients in Malta	Giordmaina, Ryan / Gatt, Ray
1110	Investigation and treatment of osteoporosis in primary healthcare following low trauma fracture seen in orthopaedic clinic: The outcome using letters, an IT system or nurse led communication to alert GPs.	Versey, Howard / Manning, William / Jennings, Andrew / Chuck, Alexis
2025	Subtrochanteric Hip Fractures associated with Long-term Bisphosphonates Therapy	Diaz, Hernan / Anania, Andrés / Zancolli, Eduardo / Sabatella, Carlos
2201	Development of a multidisciplinary day hospital concept for musculoskeletal conditions	Schwarzkopf, Susanne / Kuhlow, Heide / Kutter, Andreas / Weigl, Martin
2240	Fragility fractures not usually associated with osteoporosis	Quiles, Manuel / Berrocal, Ángea / Bernáldez, María
2311	Mini-invasive surgery in the treatment of periprosthetic fractures of the femur	Ducellier, Florian / Steiger, Vincent / Talha, Abdelhafid / Besnier, Laurent / Cronier, Patrick / Bizot, Pascal
2462	DNA Microarrays Identification of TGFbeta-BMP Signaling Pathway Genes Expression in Osteoporotic Postmenopausal Women	Koromila, Theodora / Dailiana, Zoe / Samara, Stavroula / Chassanidis, Chris / Aleporou-Marinou, Vassiliki / Kollia, Panagoula
2854	Stress-strain comparative analysis of a healthy, osteopenic and osteoporotic vertebra	Spiteri, Michelle / Cauchi, M / Sant, Z
3051	New compression vertebral fractures after vertebroplasty or kyphoplasty: myth or reality?	Caruso, Gaetano / Lorusso, Vincenzo / Massari, Leo
3058	Influence of different radiopaque agents on the propagation of fatigue cracks in acrylic bone cements	Torres, Ana / Fairen, Mariano / Manero, J / Mur, F / Artola, A / Mazon, Antonio
3184	Case Report Bisphosphonate-associated Low-Energy Femoral Fracture: Conservative and Surgical Treatment	Bilgili, Fuat / Bilgili, Fuat / Sokucu, Sami / Kilic, Ayhan / Parmaksizoglu, Atilla / Kabukuoglu, Yavuz

Selected within the best e-posters

## Pain control / rehabilitation and non-surgical management

154	Anxiety and patient's pain expectation effect on postoperative pain severity	Ashrafnejad, Babak
155	A comparison study between patient-controlled intravenous analgesia and patient-controlled epidural analgesia in postoperative pain management*	Ashrafnejad, Babak
157	Antiemetic effect of dexamethasone in morphine patient-controlled analgesia	Ashrafnejad, Babak
459	Evaluation of pain control and assessment of patient satisfaction prior to discharge following day case knee arthroscopy	Mohammed, Riazuddin / Imam, Fahima / Johnson, Steve

## General Orthopaedics

No	TITLE	AUTHORS
483	Audit of Oxygen Prescribing in Orthopaedic Surgery	Young, Alexander / Kostalas, M
502	An In Vitro Evaluation of the Compatibility of Jonexa® with Corticosteroids	Chang, Min-Yeh / Voschin, Elizabeth / Yu, Li-Ping / Skrabut, Eugene
520	Audit of DEXA scanning and bone protection use in patients with fragility fractures	Goudie, Stuart
658	Renal safety during postoperative pain management with Parecoxib in elderly patients undergoing orthopaedic surgery.	Fotiadis, Elias / Svarnas, Theodoros / Iliopoulos, Efthimios / Kravas, Athanasios / Vittis, Fotios / Kirytopoulos, Petros / Petridis, Petros
959	The effect of peri operative high volume localanaesthetic infiltration following primary total knee replacement	Banerjee, Purnajyoti / Hussain, Anwar / Harrison, Jane / Field, Richard
962	Test-retest reliability of maximal leg muscle power and functional performance measures in patients with severe osteoarthritis (OA)	Villadsen, Allan
1114	Descriptive analysis of postoperative pain in the first week after arthroscopic shoulder surgery.	Ruiz Iban, Miguel / Diaz-Heredia, Jorge / Elias-Martin, Maria / Sanchez Ruas, Jaime / Aranda, Fernando / Del Olmo, Teresa / Gonzalez Lizan, Fausto / Jimenez, Daniel / Pascual Martin Gamero, Francisco
1293	Progressive strength training commenced 24 hours after fast-track total knee arthroplasty: Is it feasible?	Jakobsen, Thomas / Husted, Henrik / Kehlet, Henrik / Bandholm, Thomas
1310	Intravenous patient-controlled analgesia with fentanyl for pain management after total hip arthroplasty	Nishino, Masahiro / Yamada, Kunio / Suzuki, Hiroyuki / Hatou, Tunetosi / Hasuo, Takaaki / Tono, Yuuji / Ootuka, Takaaki
1684	Pilot Study: Is pain expressed differently between ethnic populations undergoing total hip and knee replacements?	Lacey, Emma-Kate / Jeyaseelan, Luckshmana / Wood, Greg / Murphy, Suzanne / Manjure, Sanjive
1728	Accelerated clinical pathways after total knee replacement-how fast can we really go?	Renkawitz, Tobias / Koller, Michael / Bonnlaender, Georg / Drescher, Juergen / Riederer, Tobias / Grifka, Joachim / Schaumburger, Jens / Lechler, Phillip
1766	Field block in total hip arthroplasty	Butt, Umer / Dowse, Claire / Azhar, Hussain / Yousuf, Kamran / Rafiq, Imran / Ahmad, Riaz / Eid, Ahmed / Ranga Swamy, Girish / Prof Bannister, Gordon
1813	Safety and Efficacy of Continuous Intra-articular Levobupivacaine Infusion post Knee Arthroplasty	Panteli, Michalis / Dahabreh, Ziad / Niblock, Karen / Howell, Francis
2037	Pain treatment in post traumatic hip fracture in the elderly:Regional block vs. systemic non-steroidal analgesics	Godoy Monzon, Daniel / Buttaro, Martin / Comba, Fernando / Piccaluga, Francisco / Jauregui, Ricardo / Iserson, Kenneth / Vazquez, Jorge
2038	Fascia Iliaca Block for Pain Management in Hip Fracture at the Emergency Department	Godoy Monzon, Daniel / Buttaro, Martin / Comba, Fernando / Piccaluga, Francisco / Iserson, Kenneth / Vazquez, Jorge
2117	Functional outcomes after ACL reconstruction depending on surgery time and rehabilitation treatment	Totorean, Alina / Totorean, Alina / Onofrei, Roxana / Poenaru, Dan / Patrascu, Jenel Maarian / Andor, Bogdan / Florescu, Sorin
2244	Nurse-led Review Clinic for Patients With Ankle Fractures Treated Operatively: Audit of Quality of Service and Patient Satisfaction	Young, Peter / Miller, Roslyn / Kumar, Chinnsamy
2412	Non-operative management of Coccygodynia: A randomized trial comparing three methods	Garg, Bhavuk / Kumar, Vijay / Malhotra, Rajesh / Kotwal, Prakash

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## General Orthopaedics

No	TITLE	AUTHORS
2695	Effects of introducing World Health Organisation (WHO) surgical safety Checklist in an elective orthopaedic centre in the UK: A prospective audit.	Banerjee, Purnajyoti / Mclean, Chris / Kidd, Alexander
2866	A review of the efficacy and side effects of oxycodone's in the treatment of postoperative pain.	Rasmussen, Sten / Christiansen, Janus / Emerek, Kasper
2933	Compliance And Patient Acceptability Of Self-Administered Anticoagulants After Joint Replacement: A Prospective Comparison Between Subcutaneous Dalteparin And Oral Dabigatran	Ball, Thomas / Wilkinson, Laura / Lascelles, Simon / Hockings, Michael

## Sports / Knee soft-tissue

53	MPFL Reconstruction: Is a clinical method of identifying the isometric femoral attachment reliable? A Clinical and Radiological study	Talawadekar, Gautam / Rose, Barry / Elnikety, Sherif / Grigoras, I / Jeer, Parminder
102	Hamstring strength recovery after harvesting for Anterior Cruciate Ligament Reconstruction	Nikolopoulos, Dimitrios / Rossas, Charalabos / Damoulianos, Alexandros / Apostolopoulos, Alexandros / Theophanopoulos, Fokion / Barbounakis, Nikos / Drabalos, Eustathios / Michos, Ioannis
230	Sledging Related Injuries Within A Dedicated Sledging Area Presenting To A Pre-Hospital Clinic.	Hill, Daniel / Hill, Daniel / Carlile, Graeme / Regan, Michael / Deorian, Dinesh
242	Floating versus rotating platform of computer assisted soft tissue balanced total knee arthroplasty	Holinka, Johannes / Bahrami, Navid / Lass, Richard / Wanivenhaus, Hugo / Windhager, Reinhard
274	Navigated Anterior Cruciate Ligament Replacement. An Experimental Validation Study.	Jenny, Jean-Yves / Ciobanu, Eugen / Diesinger, Yann
275	Anatomic attachment of the ACL. A multi-modal study.	Jenny, Jean-Yves / Ciobanu, Eugen / Diesinger, Yann
396	Evaluation of Bone Tunnel Communication after ACL Double Bundle Reconstruction using CT scan	Tomihara, Tomohiro / Yoshida, Gen / Kaneda, Kunikazu / Matsuura, Takeshi / Satake, Shinji / Shimada, Nagakazu Selected within the best e-posters
429	Prevalence and clinical relevance of osteoarthritis 15 years after anterior cruciateligament reconstruction	Massada, Marta / Sousa, Ricardo / Pereira, Alexandre / Sousa, João / Sousa, Marco / Freitas, Daniel / Vieira-Da-Silva, Manuel
433	Plantar pressure evaluation of ACL reconstructed patients	Colak, T / Ergun, P / Bamac, B / Muezzinoglu, S / Ozbek, A
515	Risk factors for revision ACL reconstruction: A model for predicting failures	EI-Husseiny, Moataz / Patel, Shelain / Hossain, Fahad / Haddad, Fares
584	Reconstruction of the patellar tendon using an inverted autologous quadricepsplasty.	Massin, Philippe / Boyer, Patrick
662	Day Case Ambulatory Knee Arthroscopy: Why aren't we making targets?	Dagleish, Stephen / Buckley, James
693	Mid Term Results after primary ACL Reconstruction with a Quadriceps-Tendon Graft in 55 cases. A prospective single-arm study	Sagnak, Ercan / Queitsch, Christian / Gille, Justus / Lange, Vivien / Schulz, Arndt
702	Angiolieomyoma of the knee: Case series and an unusual cause of knee pain	Jalgaonkar, Azal / Dachepalli, Sunil / Farid, Mohammed / Rao, Sudhir
751	Comparison of beighton score with electronic goniometer for generalized ligament laxity in athletic population	Akhtar, Muhammad / Robinson, Christopher / Keating, John / Muir, Andrew / Simpson, Hamish



General Orthopaedics

No	TITLE	AUTHORS
756	Regeneration of semitendinosus and gracilis tendons after ACL reconstruction	Stevanovic, Vladan / Blagojevic, Zoran / Ganic, Zoran / Petkovic, Agnica / Crnobaric, Aleksandar / Glisic, Miodrag
758	Plasma Growth Factors in the "Jumpers Knee" Treatment	Tatu, Fabian / Bredicianu, Rares / Tatu, Carmen / Cebzan, Ciprian / Ungurean, Calin / Puscasiu, Daniela
760	Tibialis anterior syndrom in ultratrail runners	Abrassart, Sophie / Abrassart, Sophie / Hoffmeyer, Pierre
792	Outcome of Surgical Treatment of Arthrofibrosis after Ligaments Reconstruction	Said, Sinan / Christainsen, Svend Erik / Faunoe, Peter / Lund, Bent / Lind, Martin
793	Correlation between different patella alta measurements in patients with and without patello-femoral instability.	Said, Sinan / Christainsen, Svend Erik / Faunoe, Peter / Lund, Bent / Lind, Martin
832	BTB allograft compared to BTB autograft in ACL reconstruction	Borsky, Michael / Pellegrino, Alex / Leuzinger, Jan
847	Pain and knee function in relation to degree of bone bruise after acute ACL-rupture.	Szkopek, Kenneth / Szkopek, Kenneth / Warming, Torsten / Neergaard, Kirsten / Jorgensen, Henrik / Krosggaard, Michael / Christensen, Helle
849	Patellar tendon healing after harvest of ACL graft: double-incision mini-invasive vs arthrotomy	Raposo, Frederico / Sousa, António / Loureiro, Miguel / Jesus, José / Serdoura, Francisco / Duarte, Filipe / Valente, Luís / São Simão, Ricardo / Moura Gonçalves, António / Pinto, Rui
859	Anterior Cruciate Ligament reconstruction: effect of anatomical reproducibility in functional outcomes.	Raposo, Frederico / Sousa, António / Valente, Luís / Duarte, Filipe / São Simão, Ricardo / Monteiro, Eurico / Loureiro, Miguel / Moura Gonçalves, António / Pinto, Rui
865	Double incision Mini-invasive: a new option for the Bone-Patella Tendon-Bone anterior cruciate ligament reconstruction	Sousa, António / Raposo, Frederico / Valente, Luís / Duarte, Filipe / Loureiro, Miguel / Moura Gonçalves, António / Pinto, Rui
957	Effect of ACL tendon graft compression, screw thread embossing and TCP surface roughening on the graft interference screw fixation strength	Farshad, Mazda / Koch, Peter / Snedeker, Jess / Weinert-Aplin, Robert / Meyer, Dominik
965	Dynamic loss of contact pressure on ACL hamstring grafts with interference screw fixation	Meyer, Dominik / Koch, Peter / Snedeker, Jess / Farshad, Mazda
990	Medial Patellofemoral Reconstruction by Arthroscopic Autologous Hamstring Tendons graft - A Retrospective case series	Kodumuri, Preetham / Rawal, Arvind / Nanjayan, Shashi Kumar / Geutjens, Guido
1012	The relationship between posterior tibial slope and tear of anterior cruciate ligament	Kazemi, Seyyed Morteza / Jazayeri, Seyyed Mohammad / Keyhani, Sohrab / Zandi, Reza / Eajazi, Alireza
1067	Magnetic resonance imaging versus arthroscopy as diagnostic tools in pathology of the knee; a retrospective analysis.	Zammit, Sharon / Portelli, Mark / Grech, Stephan / Grech, Reuben / Esposito, Ivan
1123	Intercondylar notch size and anterior cruciate ligament injury – a radiographic analysis	Massada, Marta / Pereira, Alexandre / Sousa, Ricardo / Aido, Ricardo / Sousa, Marco / Freitas, Daniel / Vieira-Da-Silva, Manuel
1176	Histological pattern of the failed Plasty in Anterior Cruciate Ligament Reconstruction	Figueroa, David / Calvo, Rafael / Scheu, Max / Gallegos, Marcela / Vaisman, Alex / Figueroa, Francisco
1177	How long it takes to recover the full joint mobility the knee after Anterior Cruciate Ligament (ACL) reconstruction with Hamstrings tendons ?	Figueroa, David / Calvo, Rafael / Anastasiadis, Zoy / Scheu, Max / Vaisman, Alex

## General Orthopaedics

No	TITLE	AUTHORS
1191	Clinical outcomes of ligamentoplasty reconstruction after 40 years	Bataga, Tiberiu / Bataga, Simona / Opris, Remus / Voicu, Bogdan / Melinte, Razvan / Ivanescu, Adrian / Marton, Denes / Vilcelean, Marius / Solyom, Arpad / Torok, Barna
1232	Meniscal healing after repair of chronic meniscal tears: a MRI arthrography assessment	Popescu, Dragos / Sastre, Sergi / Lozano, Luis / Segur, Josep / Garcia, Ester / Muñoz, Ernest / Cuñé, Jordi / Ares, Oscar
1271	Clinical outcome of the anterior cruciate ligament reconstruction according to the position of the femoral tunnel	Lee, Dong Chul / Shon, Oog Jin / Kim, Won Ho / Byun, Seong Joon
1350	Radiological measurement of anterior cruciate ligament tunnel positions with rotation of the leg.	Sudhahar, Thittukattoor / Bollen, Steve / Radcliffe, Graham
1354	Impact of Tibial and Femoral Tunnel Position on Clinical Results after Anterior Cruciate Ligament Reconstruction	Sadoghi, Patrick / Müller, Peter / Leithner, Andreas / Kröpfl, Albert / Fischmeister, Martin
1524	Medial Patellofemoral Ligament Reconstruction; Experience At Our Institution	Mangat, Karanjit / Chakravarthy, Jaganath / Ashraf, Syed / Green, Marcus / Moholkar, Kirti
1564	Long-term clinical and radiological follow-up of collagen meniscal implants.	Van Der Maas, Jaap / Verdonk, Peter / Tampere, Thomas / Almqvist, Karl Fredrik / Verdonk, Rene
1924	 Partial Medial Meniscus Substitution With The Collagen Meniscal Implant, 10-Years Follow-Up.	Abat, Ferran / Gelber, Pablo / Erquicia, Juan / Pelfort, Xavier / Monllau, Joan
2006	Management of peripheral stable meniscal tears at the time of ACL reconstruction: let, remove or repair?	Boisrenoult, Philippe / Beaufile, Philippe / Pujol, Nicolas
2021	Pes Anserinus, anatomy and surgical involvement in Hamstring tendons harvesting	Reina, Nicolas / Laffosse, Jean Michel / Molinier, Francois / Abbo, Olivier / Chiron, Philippe / Puget, Jean
2219	Clinical Outcome Of Oval ACL Reconstruction in Athletes with Transtibial Technique	Schäferhoff, Peter / Dewitz, Hauke
2346	Anterior Cruciate Ligament Reconstruction: Soft tissue vs BTB	Predescu, Vlad / Georgeanu, Vlad / Stoian, Valentin / Prescura, Catalin / Olaru, Razvan / Cristea, Stefan
2489	Cartilage overuse: surgical interventions in osteoarthritis. Case reports in high-performance athletes	Schäferhoff, Peter / Klein, Paul / Dewitz, Hauke
2586	Lightning Injuries A general review and Case report of a 24-year-old footballer struck by lightning	Folkvardsen, Steffen / Halberg, Michael / Wong, Christian
2605	Double-bundle ACL reconstruction- 1 year follow-up results	Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Basto, Tiago / Lourenço, João
2659	Anterior cruciate ligament revision reconstruction with MacIntosh procedure using the fascia lata with JH Jaeger modification	Arndt, Joseph / Ducrot, Guillaume / Londero, Alejandro / Jaeger, Jean
2758	Rotatory knee stability in ACL reconstruction using transtibial and anteromedial portal technique	Patru, Cristina / Popescu, Gheorghe / Lupescu, Olivera / Nagea, Mihail / Tecu, Camelia
2767	Anterior cruciate ligament reconstruction: A long term risk for proximal tibial fractures in young patients with high activity level?	Pätzold, Robert / Wurster, Markus / Gonschorek, Oliver / Bühren, Volker
2773	MRI examination of the knee finds lesion in 2/3 of the patients suspected for meniscal lesion referred from both general practitioner and specialist.	Rasmussen, Sten / Cavallius, Christian / Knudsen, Camilla / Simonsen, Ole / Oestgaard, Svend



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## General Orthopaedics

No	TITLE	AUTHORS
2781	Hormonal influence of oral contraceptives on knee laxity	Bányai, Tamás / Molnár, Béla / Szíver, Edit
2858	Analgesic control following knee arthroscopy: Results of a randomised , double-blinded trial comparing a hyaluronic acid supplement to bupivacaine	Solayar, Gandhi / Baker, Joseph / Byrne, Damien / Moran, Raymond / Mulhall, Kevin
2935	Modification in Transtibial Technique Enables Oblique Femoral Tunnel and Graft in ACL Reconstruction	Lee, Myung Chul / Shim, Sang Ho / Seong, Sang Cheol / Lee, Sahnghoon / Jang, Jak / Lee, Joon Kyu / Lee, Sang Min
2944	Expansion and subcutaneous sliding of the anterior knee skin: Comparison of healthy and OA knees	Ojima, Tomohiro / Ito, Naoyuki / Kubo, Yuumi
3044	A Systematic Review of the Use of Platelet Concentrates on Tendon and Ligament Injuries of the Extremities	Bernheimer, Jonathan / Sukeik, Mohamed / Haddad, Fares
3054	Medial patello-femoral ligament reconstruction for the treatment of chronic patellar instability : A systematic review of recent evidence	Patel, Akash / Anand, Amarjit / Rashid, Abbas / Yoon, Wai
3157	Outcome of radial extracorporeal shockwave therapy for the treatment of patellar tendinopathy.	Moideen, Abdul Nazeer / Paringe, Vishal / Gandhour, Adel / Wilson, Chris / O' Doherty, Declan
3270	Results of the treatment of recent patellar tendon ruptures : surgical repair protected by cerclage wire. Review of 20 cases.	Uzel, Andre-Pierre / Ouedraougo, Hyacinthe / Gane, Cyril / Rouvillain, Jean
3295	Rediscovery of the posterior compartments of the knee for meniscal repairs : case series of 18 lesions.	Dueck, Klaus / Seil, Romain / Pape, Dietrich
3304	Comparison of the early results of three different techniques of ACL reconstruction.	Jarecki, Jaromir / Kozak, Lukasz / Walawski, Jacek / Kosior, Piotr / Wnuk, Tomasz / Klebukowski, Jaroslaw
3316	Medial patellofemoral ligament injuries in acute patella dislocation	Winter, Alison / Thomson, Laura / Mckenna, Rosaleen / Rooney, Brian / Raby, Nigel
3368	Trojans, tendons and the weekend warrior: Return to sporting activity following an Achilles tendon rupture in the non elite athlete.	Iqbal, Hafiz / Khan, Yousaf / Stables, Gareth / Barnes, Simon

## Tribology


127	Histomorphology of retrieved tissues from early revisions of highly crosslinked durasul cups of total hip endoprostheses	Rabenseifner, Lothar
374	Pseudotumor Simulating Venous Thrombosis Of The External Iliac Vein After Metal-on-Metal Total Hip Arthroplasty: A Case Report	Friesenbichler, Joerg / Maurer-Ertl, Werner / Liegl-Atzwanger, Bernadette / Windhager, Reinhard / Leithner, Andreas
1911	Mobile Hip Wear Performance under Two Possible Constrained Conditions	Herrera, Lizeth / Loving, Laquawn / Essner, Aaron
1928	The Effect of Sequential Irradiation and Annealing on Wear Performance of Polyethylene	Herrera, Lizeth / Korduba, Laryssa / Loving, Laquawn / Essner, Aaron / Le, Kim-Phuong
2563	Does changing of the pairing influence wear in reversed shoulder arthroplasty	Nijs, Stefaan / Nyffeler, Richard

Selected within the best e-posters

## General Orthopaedics

No	TITLE	AUTHORS
2764	Design and Material Effects on TKR Wear	Essner, Aaron / Herrera, Lizeth / Hughes, Phillip / Kester, Mark

## Upper limb

No	TITLE	AUTHORS
<b>Hand and wrist</b>		
81	Rhizarthrosis : different surgical techniques	Pescador, David / Blanco, Juan / Elena, Elvira / Arranz, Jose Luis / Montilla, Carlos / Viñas, Antonio / Ollero, Lourdes / Garcia, Ignacio / Borrego, David / De Cabo, Alfonso / Corchado, Carolina / Martin, José / Borobio, Germán
161	Revision carpal tunnel decompression; operative findings and role of the distal forearm fascia	Dean, Benjamin / Chennagiri, Ramesh / Burge, Peter
164	A prospective study to evaluate the outcome of the saddle shaped pyrolytic carbon hemiarthroplasty treating arthritis at the trapeziometacarpal joint	Odak, Saurabh / Birch, Ann / Swamy, Krishna / Trail, Ian
610	The optimal length of suture anchors for use in distal phalanges: A cadaveric study	Jain, Dhavalakumar / Kakarala, Gopi / Compson, Jon / Singh, Raminder
833	Ulna shortening – not a benign procedure	Kakwani, Rajeshkumar / Irwin, Les / Tourret, Lisa / Stirrat, A
1099	Tenodesis For Chronic Mallet Finger Deformity: A Series Of 8 Cases	Withers, Daniel / Ralte, Peter / Gabr, Ayman / Waseem, Mohammad
1628	Treatment of scaphoid nonunions with avascular proximal poles by using vascularized bone grafting and mini acutrak screw fixation	Natera Cisneros, Luis / Lamas, Claudia / Alvarez, Carlos / Gomez, Mireia / Moya, Esther / Moldovan, Radu
1786	Dynamic Reconstruction for Dislocated Long Finger Extensor Tendon, Detailed Technique	Diab, Hossam
1808	Increased incidence of base of thumb osteoarthritis and management of this in a district general hospital	Medlock, Gareth / Mccullough, Louise / Ox, Quentin
1833	Flash burn caused by weed killer explosion – a case report	Singh, Ashok / Jayachandran Saraswathy, Jayadeep / Shetty, Sanat / Ramesh, Balasundaram
2106	Roseland prosthesis : study of quality life about 68 patients with a mean followed up of 43,8 months.	Guardia, Christine / Guardia, Christine / Moutet, François
2403	Angioleiomyomas of Hand: Rare mimickers of Giant Cell Tumor of Tendon sheath	Garg, Bhavuk / Kotwal, Prakash
2651	 Current trends in the surgical management of Dupuytren's disease in Europe: an analysis of patient charts	Bainbridge, Chris / Dahlin, Lars / Szczypa, Piotr / Cappelleri, Joseph / Kyriazis, Yiannis / Gerber, Robert
2864	Trapeziectomy made quick (and easy!)	Gregori, Alberto / Goudie, Stuart / Dowd, Michael
3159	Wrist arthroplasty for rheumatoid arthritis what is the evidence- A systematic review	Thavarajah, Dushan / Syed, Turab
3163	Re-operation for tendon adhesions following open reduction and internal fixation of metacarpal fractures	Hussain, Shakir / Hussain, Shakir / Syed, Shakir / Mohammad, Riaz / Waldram, Mike / Power, Domanic / Tan, Simon

## Upper limb

No	TITLE	AUTHORS
3401	Ahrosopic resection of dorsal wrist ganglions functional results and recurrence rates	Piazza, Diego / Caloia, Martin / Gonzalez Scotti, Diego / Aliaga Saenz, Andres / Caloia, Hugo

## Shoulder/elbow/arm/forearm

105	'Efficacy of Dry Needling for Supraspinatus Calcific Tendonitis'	Ogunwale, Bamikole / Al-Islam, Shofiq / Young, David / Carter, Rebecca / Philips, Nicolas / Chiu, Winnie / Benjamin-Laing, Harry / Mubashar, Muhammad / Bhatti, Waqar
177	Correlation Between Magnetic Resonance Imaging And Arthroscopy In Detecting Shoulder Pathology	Shetty, Vishwanath / Dhotare, Satish / Selvaratnam, Veenesh / Sahni, Vishal
212	Oxford elbow scores in the south west peninsula population of the United Kingdom	Guyver, Paul / Cattell, Andrew / Hall, Matthew / Brinsden, Mark
221	What make patients decide to undergo Shoulder surgery?	Torrens, Carlos / Martinez, Sara / Santana, Fernando
264	Histological and biochemical evidence related to the collagen quality in torn rotator cuff tendons	Christou, Dimitrios / Christou, Dimitrios / Varitimidis, Sokratis / Dailiana, Zoe / Stathopoulos, Constantinos / Grafanaki, Katerina / Ioannou, Maria / Malizos, Konstantinos
508	A new questionnaire for evaluating patients with rotator cuff disorders	Iossifidis, Anestis / Petrou, Charalambos / Galanos, Antonios
708	Testing a new tuberosity suture design to improve segment stability in proximal humeral fractures treated with hemiarthroplasty	Santana, Fernando / Vinagre, Manuel / Frigola, Manuel / Casals, Alicia / Amat, Josep / Torrens, Carlos
851	Topographic density of humeral distal part: impact for surgery	Abrassart, Sophie / Abrassart, Sophie / Hoffmeyer, Pierre
866	A large infiltrating intramuscular lipoma of the supinator muscle: an extraordinary case	Rajagopalan, Shyam / Singhanian, Govind
932	Arthroscopic Rotator Interval Closure: In Vivo Effect on Translation of the Humeral Head.	Tanaka, Minoru / Itoi, Eiji / Sato, Katsumi
972	Osteochondral glenoid allograft for biological resurfacing of the glenoid – biomechanical comparison of novel design concepts	Gerber, Christian / Snedeker, Jess / Krause, Alexandra / Appenzeller, Andreas / Farshad, Mazda
1041	Intraoperative correlation of radiological finding in rotator cuff tear.	Rath, Narendra / Price, L / Kamath, S / Williams, R
1199	Clinical outcome and short-term survival after shoulder arthroplasty in patients diagnosed with osteoarthritis or arthritis in the glenohumeral joint: Data from the Danish Shoulder Arthroplasty Register.	Rasmussen, Jeppe / Sorensen, Anne Kathrine / Olsen, Bo
1225	Coracoid-glenoid articular surface angle and its relationship with rotator cuff tears	Sanchez, Juan Francisco / Isart, Anna / Santana, Fernando / Ares, Jesus / Marlet, Victor / Torrens, Carlos
1284	Is it Safe to Change from Open to Arthroscopic Shoulder Stabilization without Effecting Clinical Outcome?	Dwyer, Amitabh / Robertson, Sudhir / Davey, Matthew / Chamblor, Andrew
1289	Comparison of Clinical outcomes of Reverse Total Shoulder Arthroplasty performed with 36mm standard, 36mm eccentric CoCrMo and 44 mm cross-linked UHMWPEglenospheres – a multicenter study	Castagna, Alessandro / Bischof, Andreas / Budassi, Piero / Agneskirchner, Jens / Domenghini, Christian / Borroni, Mario / Frattini, Marco / Zoni, Sabine / Bloch, Hans Rudolf

## Upper limb

No	TITLE	AUTHORS
1355	Arthroscopic Capsulotomy for Refractory Frozen Shoulder Our Experience	Arumugam, Gowthaman / Bishnoi, Amit / Espag, M
1379	Stress shielding and the Coonrad-Morrey total elbow replacement: The role of the anterior flange	Craik, Johnathan / Laffer, Caroline / Richards, Simon / Walsh, Sean / Eaton, Mark / Evans, Sam
1453	The Use of an Eccentric Glenosphere in Reverse Total Shoulder Arthroplasty: two years minimum follo-up results	De Biase, Carlo Felice / Vitullo, Andrea / Del Cogliano, Marco / Angeloni, Marina / Pezzillo, Francesco
1461	Arthroscopic repair of isolated rupture of subscapularis tendon: results and clinical outcome	De Biase, Carlo Felice / Vitullo, Andrea / Del Cogliano, Marco / Marotta, Domenico / Barresi, Cludio
1497	Subacromial pressure measurements at 30 degrees of humeral abduction	Leppilähti, Juhana / Hyvönen, Pekka / Jalovaara, Pekka
1498	Fully uncemented total shoulder arthroplasty.	De Neve, Francis / De Wilde, Lieven / De Neve, Francis / Basamania, Carl / Dhollander, Aad / Verdonk, Rene
1506	Osteotomy of the lesser tuberosity for total shoulder arthroplasty without ligation of the anterior humeral circumflex vessels.	De Neve, Francis / De Wilde, Lieven / De Neve, Francis / Dhollander, Aad / Verdonk, Rene
1538	Mini - open rotator cuff repair and histological characteristics.	Christou, Dimitrios / Christou, Dimitrios / Theodoridis, Konstantinos / Kountoudis, Anastasios / Samaras, Nikolaos / Kirou, Miltiadis
1565	Optimal Location of Medial Hinge for Closed Wedge Osteotomy of Cubitus Varus to Minimize Lateral Condylar Prominence	Mahaisavariya, Banchong / Sithiseriprateep, Kriskrai / Chantarapanich, Nattapon
1577	Surgical Repair of the Distal Biceps Brachii Tendon - A Comparative Study using a single-incision and two-incision technique -	Citak, Mustafa / Backhaus, Manuel / Seybold, Dominik / Källicke, Thomas / Suero, Eduardo / Muhr, Gert / Roetman, Bernd
1594	Functional results of ulnar club hand management: a 16-year experience	Expandar, Ramin / Farzan, Mahmoud / Darabpour, Mohammad Bagher / Yazdani, Shideh
1708	Long-living knowledge of students in the field of shoulder ultrasound: results of a randomized prospective comparative study using the peer assisted learning system (PAL)	Knobe, Matthias / Holschen, Malte / Sellei, Richard / Sopka, Sasa / Beckers, Stefan / Simon, Melanie / Mueller-Rath, Ralf / Herrler, Andreas / Maus, Uwe / Pape, Hans Christoph
1711	Resurfacing hemiarthroplasty of the shoulder using the Global C.A.P. humeral head implant: A review of 44 cases.	Ralte, Peter / Sinha, Apurv / Robinson, Simon / Morapudi, Syam / Fischer, Jochen / Waseem, Mohammad
1715	Single Row vs Double Row Arthroscopic Rotator Cuff Repair: Clinical and 3T MR Arthrography results. A Retrospective Study of 24 Patients.	Bisicchia, Salvatore / Tudisco, Cosimo / Savarese, Eugenio / Fiori, Roberto / Masala, Salvatore / Simonetti, Giovanni
1733	Biomechanical evaluation of inverse shoulder arthroplasty with glenosphere eccentricity	Wendlandt, Robert / Knerr, Matthias / Hellmers, Niels / Schulz, Arndt
1821	The Role of clinical assessment and MR arthrogram in the management of labral shoulder injuries?	Hossain, Fahad / Sarmah, Sasanka / Der Tavitian, Jacob
1824	'The learning curve' – Comparison between arthroscopic and open rotator cuff repairs	Thomas, Suresh / Stirrat, A
1826	regional nerve blocks for upper limb surgery: patient experience and satisfaction in a single centre	Sheikh, Nomaan / Manohar, Sushil / Green, William / Narula, Navneet / Tambe, Amol

Selected within the best e-posters

Upper limb

No	TITLE	AUTHORS
1896	Symptomatic coracoclavicular joint: incidence, clinical significance, and available management options	Singh, Vinay / Singh, Pankaj / Pandit, Ravi
2131	An anatomical description of the pennation angles and central tendon angle of the supraspinatus both in its normal configuration and with full thickness tears	Thompson, Simon / Reilly, Peter / Emery, Roger / Bull, Anthony
2255	Clinical Outcome of Arthroscopic Double-Row Repair in Senior Athletes with Rotator Cuff Tears	Schäferhoff, Peter / Pütz, Oliver / Dewitz, Hauke
2295	Matching Patches; Using Human Rotator Cuff Tendons As A Gold Standard For Assessing The Mechanical Properties of Repair Patches	Chaudhury, Salma / Holland, Christopher / Thompson, Mark / Vollrath, Fritz / Carr, Andrew
2303	Patient reported outcome measures to assess outcome in Copeland hemiarthroplasty of the shoulder	Yeoh, Clarence Jin Chon / Yeoh, David / Khan, Hayat / Skinner, Paul
2316	Partial Preservation of the Coracoacromial Ligament in the Weaver-Dunn Procedure	Fandridis, Emmanouil / Nikolopoulos, Dimitrios / Amorgianos, Christos / Tsvigoulis, Stelios / Giannoulis, Filippos / Spyridonos, Sarantis / Gerostathopoulos, Nikolaos
2388	Reconstruction of acromio-clavicular arthritis and skin defect using a pectoralis major transfer. A Case Report	Huguet, Jordi / Puente, Carlos / Escuder, Oscar / Yuguero, Mariano Benito / Peñalver, Juan Manuel
2418	Outcome of In-situ Decompression vs. Anterior Subcutaneous transposition of ulnar nerve for Cubital Tunnel Syndrome	Garg, Bhavuk / Kotwal, Prakash
2467	Influence of tendon quality, suture-material and suture-technique on the primary stability of rotator cuff repair	Pietschmann, Matthias / Huttel, Urs / Güleyüz, Mehmet / Ficklscherer, Andreas / Jansson, Volkmar / Müller, Peter
2547	MRI-controlled results of the pectoralis major tendon transfer for irreparable anterosuperior rotator cuff tears	Lederer, Stefan / Auffarth, Alexander / Bogner, Robert / Tauber, Mark / Karpik, Stefanie / Mayer, Michael / Matis, Nicholas / Resch, Herbert
2631	Muscular Compensation in Patient with Massive Rotator Cuff Tear: Superficial Electromyography Study	Ciampi, Pietro / Mancini, Nikj / Vitali, Matteo / Fraschini, Gianfranco
2633	Conservative versus arthroscopic treatment of adhesive capsulitis	Heikenfeld, Roderich / Akinci, Sebahat / Listringhaus, Rico / Godolias, Georgios
2634	Arthroscopic reconstruction of isolated tears of M. subscapularis – results after 24 months	Heikenfeld, Roderich / Listringhaus, Rico / Godolias, Georgios
2687	Compromise of ulnar nerve in haemophilic patients	Douglas Price, Ana / Blanchetiere, Hernan / Pemoff, Adriana / Galatro, Gustavo / Caviglia, Horacio
2710	Autologous platelet-rich plasma injections for recalcitrant lateral epicondylitis	Pullagura, Mohan / Kakkar, Rahul / Ferguson, Diarmaid / Scott, Malcolm
2729	Are porcine bones suitable for comparative testing of suture anchors? A bio-mechanical study and ultrastructural bone analysis of porcine humerus, tibia and femur	Müller, Peter / Pietschmann, Matthias / Hentschel, Markus / Hölzer, Andreas / Güleyüz, Mehmet / Jansson, Volkmar
2796	Reverse total shoulder arthroplasty in patients older than 70 years	Rizo De Alvaro, Belen / Luque, Rafael / Perez, Jose Luis / Garcia-Fernandez, Carlos / Marco, Fernando
2812	Humeral head resurfacing is the least invasive procedure in young patients with shoulder osteoarthritis and patients with cuff tear arthropaty	Trebse, Rihard / Kralj, Marko

## Upper limb

No	TITLE	AUTHORS
2967	Latissimus Dorsi Tendon Transfers for Rotator Cuff Deficiency	Donaldson, James / Al-Nammari, Shafic / Adam, Pandit / Noorani, Ali / Douglas, Tania / Falworth, Mark / Lambert, Simon
3014	Tardy Ulnar Nerve Palsy in Lateral Column Procedure	Psychoyios, Vasilios / Thoma, Sofia / Dakis, Konstantinos / Korpakakis, Ioannis / Zampiakakis, Emmanouil
3021	A simple technique for arthroscopic repair of subscapularis tendon tears	Theos, Christos / Karakitsios, Sterios / Axexakis, Dimitrios
3076	Medium Term Results of Total Elbow Replacement; Distrcet General Hospital Experience	Elnikety, Sherif / Singh, Bijayendra / Kamal, Tamer / El-Husseiny, Moataz / Talawadekar, Gutam / Brooks, Chris / Wetherell, Rory
3214	Shoulder arthroplasty: is a small centre experience enough to have good results?	Vieira Ferreira, Nuno / Alves, Catarina / Maia, Ricardo / Rodrigues, Luis / Duarte, Rui / Coelho, Fernando
3218	Functional outcome after repair of rotator cuff using knotless suture anchor fixation system.	Karuppaiah, Karthik / Balasubramanian, Sivaraman / Rangan, Amar
3234	Suprascapular nerve injury during glenoid component insertion in reverse geometry total shoulder replacement: A Cadaveric model.	Cassar Gheiti, Adrian / Cassar Gheiti, Adrian / Molony, Diarmuid / Kennedy, Jim / Schepens, Alex / Mullett, Hannan

## Spine

No.	TITLE	AUTHORS
<b>Spine (incl. trauma)</b>		
47	2 years follow up for Coflex@ inter-spinous stabilization device. A prospective analysis.	Kamal, Tamer / Casha, James / Elnikety, Sherif
58	Hernia recurrence after discectomy: Incidence and Prognosis	Martinez-Martos, Sara / Ubierna Garcés, Maite / Garcia De Frutos, Anna / Saló Bru, Guillem / Matamalas Adrover, Antonia / Correa Vázquez, Eva / Cáceres Palou, Enric
78	Quality of life in spinal surgery	Pescador, David / Blanco, Juan / Miramontes, Pablo / Elena, Elvira / Ollero, Lourdes / Viñas, Antonio / Montilla, Carlos / Moreno, Alberto / López, Jorge
91	Percutaneous lumbar discectomy. Clinical results of a minimally invasive treatment method for lumbar intervertebral disc prolapse.	Papadopoulos, Anestis / Saloupis, Panagiotis / Zabras, Alexandros / Oikonomidis, Stergios / Koukos, Anastasios
111	Proteomic Analysis post Acute Spinal Cord Injury in human.	Oduwole, Kayode / Lang, Alan / Chukwuyerenwa, Kingsley / McCormack, Damian / Poynton, Ashley
202	A new Kyphoplasty device: Radiofrequency (RF) Kyphoplasty in comparison to (VP) Vertebroplasty : A prospective evaluation	Pflugmacher, Robert / Bornemann, Rahel / Kabir, Koroush / Randau, Thomas / Wirtz, Dieter
210	Doctor, what's wrong with my arm?	Carbonel Bueno, Ignacio / Suñen Sanchez, Enrique / Aldea Molina, Elisa / Ripalda Marin, Jorge / Lobo Escolar, Antonio / Tabuenca Sanchez, Antonio / Peña Jimenez, Diego / Loste Ramos, Antonio / Rodriguez Vela, Javier / Herrera Rodriguez, Antonio
213	Kiva Kyphoplasty (BENVENUE MEDICAL, INC.) - a new kyphoplasty system in comparison to (VP) Vertebroplasty: A prospective evaluation	Pflugmacher, Robert / Kabir, Koroush / Bornemann, Rahel / Randau, Thomas / Wirtz, Dieter



## Spine

No.	TITLE	AUTHORS
347	Predictors of recovery after conservative treatment of ao-type a thoraco-lumbar spine fractures without neurological deficit	Vorlat, Peter / De Boeck, Hugo
366	Psychosocial factors , gender and employment status and their influence on clinical outcome measures following cervical disc replacement	Lakkol, Sandesh / Taranu, Razvan / Reddy, Guru / Aranganathan, Shreedhar / Friesem, Tai
489	Correlation between crowned dens syndrome and calcium pyrophosphate dihydrate deposition disease of peripheral joints	Kashihara, Minoru
625	Interruption of the artery of Adamkiewicz during total en bloc spondylectomy does not affect spinal cord function	Murakami, Hideki / Kawahara, Norio / Demura, Satoru / Fujimaki, Yoshiyasu / Kato, Satoshi / Okamoto, Yoshiyuki / Hayashi, Hiroyuki / Inoue, Kei / Tsuchiya, Hiroyuki / Tomita, Katsuro
626	Etiologic theories of idiopathic scoliosis: radiological pelvic parameters associated with the aitiopathogenesis of scoliosis.	Potoupnis, Michael / Kenanidis, Eustathios / Pellios, Stauros / Papavasiliou, Kyriakos / Sayegh, Fares / Kapetanos, George
692	Early Loosening of Pedicle Screw after Posterior Instrumentation with Anterior Reconstruction for treating Osteoporotic Thoracolumbar Spinal Fracture	Hsu, Chien Jen
695	Ga-67 SPECT-CT usefulness in the management of spondylodiscitis	Lorente, Rafael / Dominguez, Maria Luz / Rayo, José Ignacio / Serrano, Justo / Sanchez, R / Infante, José Rafael / García, L / Durán, Carmen
697	Gout mimicking epidural abscess and facet joint infection.	Lorente, Rafael / Dominguez, Maria Luz / Fernández, Maria Angeles / Guerrero, Rafael / Muñoz, José Luis
778	Potential mechanisms for distraction in the occipital-cervical spine in patients with dissociativeinjuries	Lador, Ran / Ben-Galim, Peleg / Dreiangel, Niv / Hipp, John
941	Surgical management of aggressive vertebral hemangiomas causing spinal cord compression	Kato, Satoshi / Murakami, Hideki / Demura, Satoru / Fujimaki, Yoshiyasu / Okamoto, Yoshiyuki / Hayashi, Hiroyuki / Inoue, Kei / Kawahara, Norio / Tsuchiya, Hiroyuki / Tomita, Katsuro
1097	Robot guided surgery in treatment of Osteoporotic Fractures.	Silberstein, Boris / Bruskin, Alik / Alexandrovskii, Vitaly
1109	Magnetic resonance imaging does not predict the outcome from nerve root injection in patients with back and radicular pain	Keenan, Andre / Girdler-Hardy, Tom / Jenkins, Paul / Wood, Alexander / Burke, J. <span style="float: right;">Selected within the best e-posters</span>
1384	Early Results After Vertebral Body Stenting for Fractures of the Anterior Column of Thoraco-lumbar Spine	Majeed, Haroon / John, Joby / Bommireddy, Rajendranadh / Klezl, Zdenek
1385	Correction of Thoracic Scoliosis DoesNot Change the Anatomic Position of the CordWithin the Spinal Canal. Clinical and Experimental Study	Aranda Romero, Fernando / Burgos Flores, Jesús / Sánchez Ruas, Jaime / Del Olmo Hernández, Teresa / Barrios, Carlos / De Blas, Gema / Hevia, Eduardo / Correa Gorospe, Carlos / Ruiz Ibán, Miguel / Díaz Heredia, Jorge / López Mondéjar, José / Gómez, María / Berrendero, Luis
1390	Early Results After Vertebral Body Stenting for Fractures of the Anterior Column of Thoraco-lumbar Spine	Majeed, Haroon / John, Joby / Bommireddy, Rajendranadh / Klezl, Zdenek
1489	The significance of the presence of the inverted radial reflex in asymptomatic adolescent idiopathic scoliosis patients	Iliadis, Alexios / Mansouri, Reza / Gibson, Alexander

## Spine

No.	TITLE	AUTHORS
1493	Is the Vulcan Grip method better than the Laerdal method of cervical spine collar application?	Yewlett, Alun / Roberts, Gareth / Whatling, Gemma
1525	Is there a correlation between coronal/sagittal balance and the presence of spinal cord abnormalities in patients with adolescent idiopathic scoliosis?	Lee, Robert / Lee, Robert / Reed, Daniel / Saiffudin, Asif
1690	Kummell disease and back pain symptoms. Our experience	Matzaroglou, Charalampos / Georgiou, Christos / Heristanidu, Eugenia / Vris, Alexandros / Karageorgos, Athanasios / Saridis, Alkis / Vlahopoulos, Kostantinos / Athanaselis, Efstratios / Panagiotopoulos, Elias
1737	Anterior cervical fusion by means of porous ceramic implants	Korzh, Mykola / Barysh, Oleksandr
1809	Monitoring anaesthesia control during kyphoplasties	Matzaroglou, Charalampos / Saridis, Alkis / Athanaselis, Efstratios / Danilkin, Michael / Karageorgos, Athanasios / Karanikolas, Menelaos / Panagiotopoulos, Elias
1939	Magnifying loupes vs. microscope for lumbar microdiscectomy and decompression (single surgeon experience)	Mourkus, Hany / Kumar, Sathish / Nanjayan, Shashi / Bommireddy, Rajendra
2019	Long-term follow-up of PLIF for degenerative spondylolisthesis of L4	Hayashi, Hiroyuki / Murakami, Hideki / Demura, Satoru / Fujimaki, Yoshiyasu / Kato, Satoshi / Okamoto, Yoshiyuki / Inoue, Kei / Kawahara, Norio / Tsuchiya, Hiroyuki / Tomita, Katsuro
2264	Radiological Assessment of Repercussions on the L4-L5 Segment and Sacral Position Following Surgical Correction of L5-S1 Severe Spondylolisthesis and Spondyloptosis Throughout a Single Posterior Approach	Aranda Romero, Fernando / Burgos Flores, Jesús / Sánchez Ruas, Jaime / Del Olmo Hernández, Teresa / Barrios, Carlos / Sampera Trigueros, Ignasi / Hevia Sierra, Eduardo / Fernández Doménech, Pedro / Piza, Gabriel / Riquelme-garcía, Ósar / Álvarez, Ignacio / Maruenda, José / Recarte, Enrique
2305	Assessment of Dyneema Purity® for idiopathic scoliosis corrective surgery	Voss, L / Bogie, R / Welting, T / Arts, J / Nelis, M / Lataster, M / Van Rhijn, L
2328	Osteosynthesis associated with percutaneous balloon kyphoplasty in the treatment of thoracolumbar and lumbar fractures: a series of 24 cases	Bouquet, Cedric / Bironneau, Alexandre / Millet Barbe, Bertrand / Pries, Pierre / Gayet, Louis Etienne
2329	Posterior Vertebral Column Resection for Correction of Severe Rigid Spinal Deformity	Xie, Jingming / Wang, Yingsong / Zhao, Zhi / Zhang, Ying
2348	Experimentally-induced Scoliosis by Costotransversectomy in Minipigs. Two Models of Spinal Tensegrity Breakage Comparing Midline versus Posterolateral Surgical Approach.	Aranda Romero, Fernando / Burgos Flores, Jesús / Sánchez Ruas, Jaime / Del Olmo Hernández, Teresa / Riquelme García, Óscar / Barrios, Carlos / Hevia Sierra, Eduardo / González López, José / Correa Gorospe, Carlos / Ruíz Ibán, Miguel / Díaz Heredia, Jorge / López Mondéjar, José / Gómez, María
2351	Epidural Steroid injections for the Management of Lower back pain and Sciatica: A Regional Survey	Haque, Syed / Gaskin, Julian / Ugwuoke, A / Karmani, Shuaib
2380	The Association of Occipitocervical Dissociation and Death as a Result of Blunt Trauma	Ben-Galim, Peleg / Lador, Ran / Weiner, Bradely / Hipp, John
2396	Occipito-Cervical Dissociative Injuries: Common in blunt trauma fatalities as detected with CT	Ben-Galim, Peleg / Dreiangel, Niv / Lador, Ran / Hipp, John
2529	Fractures of the cervical and thoracic spine on patients with ankylosing spondylitis and the surgical options Prospective study of 21 patients	Hahn, Patrick / Komp, Martin / Merk, Harry / Godolias, Georgios / Ruetten, Sebastian

## Spine

No.	TITLE	AUTHORS
2644	Minimally invasive posterior approach to correction of scoliosis. Comparison of results with standard technique.	Del Olmo, Teresa / Burgos, Jesús / Sánchez, Jaime Jorge / Aranda, Fernando / Maruenda, José / Hevia, Eduardo / Barrios, Carlos / Barriga, Andres / Domenech, Pedro / Sampera, Ignacio / Martinez, Carmen / Gómez, Helena / Justo, Cristina
2719	Correction scoliosis with Smith Petersen osteotomy and coplanar system by posterior approach alone.	Del Olmo, Teresa / Burgos, Jesús / Aranda, Fernando / Sánchez, Jaime Jorge / Hevia, Eduardo / Sanpera, Ignacio / Piza, Pedro / Domenech, Pedro / Berrendero, Luis / Gómez, Maria Sagrario / Lopez, Jose Antonio / Ruiz, Miguel / Diaz, Jorge
2727	Glycerol concentration in the paraspinal spinal muscle during posterior lumbar surgery is associated to muscle damage.	Rasmussen, Sten / Ren, Gang / Kaspersen, Jon / Eiskjaer, Soeren
2736	Comparison of the effect of 3 different approaches to the lumbar spine on glycerol concentration of the paraspinal muscle by microdialysis	Rasmussen, Sten / Ren, Gang / Kaspersen, Jon / Eiskjaer, Soeren
2760	Changes of the ROM Following Mono- or Bisegmental Lumbar Spinal Fusions	Druschel, Claudia / Zeitler, Sören / Schaser, Klaus-Dieter / Haas, Norbert / Disch, Alexander
2875	The newer PEEK on PEEK cervical disc replacement(POPCDR): Clinical and radiological outcomes and design benefits.	Aranganathan, Shreedhar / Aranganathan, Shreedhar / Lakkol, Sandesh / Taranu, Razvan / Reddy, Guru / Friesem, Tai
2903	Workplace Injuries of the Vertebral Column in the Maltese Islands: A 9 year Review	Maempel, Julian / Zammit Maempel, Frederick
2942	Comparison of Clinical Results in Posterior Lumbar IntervertebralFusion Using Morcellized Impacted Bone Graft and Titanium Cagefor Degenerative Diseases	Xie, Jingming / Zhang, Ying / Wang, Yingsong / Li, Tao
2984	Evaluation of neuromonitoring (somatosensory and motor evoked potentials) in spinal surgery	Antonarakos, Petros / Christodoulou, Anastasios / Givissis, Panagiotis / Katranitsa, Lamprini / Zografaki, Malamo / Boutsiadis, Achilleas
3153	Acute thoracolumbar burst fractures treated by ballon-assisted kyphoplasty performed with calcium phosphate	Caruso, Gaetano / Lorusso, Vincenzo / Altavilla, Roberto / Massari, Leo
3233	Intraoperative life threatening acute lung injury due to multiple septic pulmonary emboli during Kyphoplasty.	Karupaiiah, Karthik / Shetty, Ajoyprasad / Rajasekaran, S
3365	Results after 360° instrumented fusion in mono-segmental degenerative disc disease (DDD) are superior to posterolateral fusion with pedicle screws stand alone	Repantis, Thomas / Korovertis, Panagiotis
3386	French window Laminoplasty for Cervical Spondylitic Myelopathy	Yousaf, Sohail / Fan, Tiffany / Blagg, Stuart

## Lower limb

No.	TITLE	AUTHORS
<b>Foot/ankle/leg</b>		
2	The incidence and significance of posterior talofibular ligament injury on magnetic resonance imaging.	Fursdon, Thomas / Fursdon, Thomas / Platt, Simon
44	Distraction arthrodesis of the 1st metatarsophalangeal joint	Hart, Radek / Safi, Adel / Komzák, Martin

## Lower limb

No.	TITLE	AUTHORS
238	Types of Talar Dislocation and their Various Surgical Treatments	Pavic, Roman
288	Is it important to measure the forefoot angles in hallux rigidus?	Calvo, Alberto / Combalia, Maite / Viladot, Ramon / Giné, Josep / Gonzalez, Eduardo / Vicente, Antonio / Marsal, Manel / Azagra, Xavier / Gómez, Mercedes / Lucena, Mayte
367	Modified Stainsbys Procedure for Severe Claw Toe Deformity - Experience in our unit.	Ul Haq, Muhammad / Ul Haq, Muhammad / Faraj, Adnan
588	Cervical Spine Cages for a Hindfoot Fusion- a Case Series of 5 patients.	Brin, Yaron / Palmanovich, Ezequiel / Massarwe, Sabri / Nyska, Meir
633	Arthroscopic Management of Anterolateral Impingement of the Ankle	El-Sayed, Ahmed Mounir
919	Anthropological and pathological differences in 73 mummified feet between two distant- time populations in the Ancient Egypt	Isidro Llorens, Albert
1061	Long-term results of New Method of Tibio-calcaneo-naviculo arthrodesis	Alizadeh, Chingiz / Alizadeh, Farhad
1102	Patient Compliance with the reverse camber shoe after forefoot surgery	Sarmah, Sasanka / Hossain, Fahad / Mishra, Viren
1300	Evaluation of Chronic lateral instability of the ankle joint surgically treated with Evans technique	El Mahboub, Nehad / Eltohamy, Walid / El Mahboub, Nehad
1373	Peritalar instability: fact or fiction?	Nosewicz, Tomasz / Knupp, Markus / Bolliger, Lilianna / Hintermann, Beat
1682	Long-term results in acute achilles tendon rupture. Fibrin glue versus percutaneous repair	Knobe, Matthias / Corsten, Johannes / Sellei, Richard / Kobbe, Philipp / Lichte, Philipp / Pfeifer, Roman / Mooij, Saskia / Gradl, Gertrud / Bley, Christine / Hoeckle, Christian / Pape, Hans Christoph
1688	Distal Metatarsal Osteotomies (DMOs) in Hallux Valgus Surgery Fixed with an Intra-/Extramedullar Locking Plate	Waleffe, Egide
1696	BOFAS advice on VTE prophylaxis: is it appropriate for total ankle replacements?	Chuter, Graham / Siddique, Malik
1907	The effect of pre-existing hind- and mid-foot arthritis on the outcome of arthroscopic ankle arthrodesis	Mckenzie, James / Winson, Ian / Sheridan, Barney
2003	A Prospective Study Comparing The Pre- And Post-Operative Functional Outcomes In 58 Patients Undergoing Ankle Arthroscopy For Impingement Syndrome	Gaskin, Julian / Raveekumar, Raveena / Banerjee, Rajat / Palmer, Simon
2050	Complications using the lindholm procedure in achilles tendon rupture during the last two decades.	Bozoglou, Michail / Avramidis, Miltiadis / Vlagopoulos, Merkourios / Lyrtzis, Christos / Papadopoulos, Paulos
2073	Management of posterior malleolous fractures – what do foot and ankle specialists think?	Srinivas, Shreya / Devalia, Kailash
2250	Does every ankle sprain requires an x-Ray?	Lestic, Aleksandar / Zagorac, Slavisa / Ilic, Marko / Bumbasirevic, Marko
2392	Complications of STAR total ankle prosthesis -Short term follow-up of 109 consecutive ankles-	Noelle, Stephanie / Kendoff, Daniel / Klauser, Wolfgang

## Lower limb

No.	TITLE	AUTHORS
2491	Arthrodesis of the first metatarsophalangeal joint, a retrospective analysis of screw versus plate fixation.	Dening, Jan / Van Erve, Ruud
2526	 Retrospective Analysis of hallux valgus therapy by Lapidus Arthrodesis with polyaxial locking plates	Wilde, Erik / Wilde, Erik / Schulz, Arndt Peter / Heinrichs, Gerhard / Bahri, Nourredine / Olms, Kai
2798	First ray instability in hallux valgus deformaty - a kinematic radiographic and pedobarographic analysis	Dietze, Albrecht / Heiner, Thomas / Bahlke, Ulf / Mittlmeier, Thomas
2881	Long Term follow up of Second Generation Buechel Pappas Total Ankle Arthroplasty	Sharma, Vikas / Dhawan, Rohit / Nayak, Rk
2923	Training Extended Scope Practitioners to work in Foot and Ankle clinics: an Effective Strategy to deal with rising referrals	Ball, Thomas / Taylor, Clare / Davis, James
2956	Technique of arthroscopically assisted ankle arthrodesis	Xie, Jingming / Chen, Hong / Zhang, Jun / Zhao, Daohong
3094	Anatomical study of 60 Ankle MRI scans to confirm the relation between tibialis anterior tendon and the lower limb mechanical axis.	Kantak, Avadhoot / Patnaik, Surendra / Panose, Praveen
3109	Do patients restore their favourite recreational activities after MOJE total toe joint replacement?	Mahmood, Tariq / Trevett, Mike
3190	Long term results of scarf osteotomy for severe hallux valgus deformity	Boisrenoult, Philippe / Di Schino, Marion / Galey, Hadrien / Beaufils, Philippe / Oger, Philippe
3229	Is it possible to do major hindfoot and ankle operations as day surgery?	Mangwani, Jitendra / Allan, Antony / Williamson, David
3293	Variable locking lateral malleolar plate v/s one-third tubular plate for weber B lateral malleolar fracture - a comparative study	Kakwani, Rajeshkumar / Tawari, Gautam / Bansal, Parvin
3330	Rotational and transposition scarf osteotomy in hallux valgus deformity: mid-term clinical outcome	Prescura, Catalin / Predescu, Vlad / Groseanu, Florin / Cristea, Stefan
3344	Is radial extracorporeal shockwave therapy the answer for Tendoachillitis tendinoses? A prospective randomized control trial.	Paringe, Vishal / Vannet, Nicola / Ferran, Nickolas / Thomas, Abraham / Gandhour, Adel / O'doherty, Declan
3404	Oblique shortening osteotomy of lesser metatarsals: A new technique	Morgan, Samer / Foote, Julian / Jarvis, Andrew

## Hip

9	Total Hip Arthroplasty with a Short, Stemless Metaphyseal Fitting Anatomic Cementless Femoral Component in Patients Who are Seventy Years of Age or Older	Kim, Young-Hoo / Kim, Jun-Shik / Park, Jang-Won / Joo, Jong-Hwan
17	Long-term outcomes of shelf acetabuloplasty combined with valgus femoral osteotomy for advanced hip osteoarthritis: Postoperative follow-up for 7 - 23 years	Hirose, Shiro / Otsuka, Hiromi / Morishima, Takkan / Sato, Keiji
23	Prevalence and Risk Factors of Venous Thromboembolism after Joint Replacement Arthroplasty without Thromboprophylaxis	Moon, Kyoung Ho / Woon, Man Hee / Lee, Gye Wang / Lee, Tong Joo



## Lower limb

No.	TITLE	AUTHORS
108	Total hip replacement in patients with cerebral palsy: a case series with uncemented prostheses	Vicente, José Ricardo / Ulhoa, Carlos / Leonhardt, Marcos / Croci, Alberto
121	Outcome following revision hip arthroplasty for periprosthetic fractures	Matharu, Gulraj / Revell, Matthew / Pynsent, Paul
186	Does Degree of the Pelvic Deformity affect the accuracy of CT-Based Hip Navigation?	Kajino, Yoshitomo / Kabata, Tamon / Maeda, Toru / Ogawa, Kyo-Ichi / Iwai, Shintaro / Kuroda, Kazunari / Tsuchiya, Hiroyuki
199	Evaluation of stem size depending on antetorsion in Total hip arthroplasty	Horigome, Yoji / Ito, Tomoyuki / Takahashi, Yoshinari / Hayami, Tadashi / Shiozaki, Hiroyuki / Endo, Naoto
263	Multicenter longitudinal densitometric clinical study on periprosthetic osteointegration and bone remodelling of Trabecular Titanium™	Massari, Leo / Gallinaro, Paolo / Crova, Maurizio / Causero, Araldo / Burelli, Silvia / Gigliofiorito, Gaetano / Grillo, Pier Paolo / Bistolfi, Alessandro / Menosso, Piera / Carli, Giulia / Pari, Carlotta / Bloch, Hans Rudolf
284	Biomechanical Estimation of Micromotion in Tapered Wedge-Shaped Cementless Stem for Patients with Stovepipe Canal and Type C Bone	Nakata, Katsuya / Yamamura, Mitsuyoshi / Fuji, Takeshi / Sugamoto, Kazuomi / Yoshikawa, Hideki / Yamako, Go / Oda, Masafumi / Hara, Toshiaki
297	Surgical arthroscopic assisted anterior mini-open technique for the treatment of femoroacetabular impingement. Results in the midterm.	Ribas Fernández, Manuel / Ledesma, Ruben / Cárdenas, Carlomagno / Marín-Peña, Oliver / Belloti, Vittorio / Cáceres Palou, Enric
317	Stability following revision hip arthroplasty for dislocation	Matharu, Gulraj / Revell, Matthew / Pynsent, Paul
355	Socioeconomic aspects of total hip arthroplasty. A comparison between anterior minimally invasive surgery and standard lateral approach.	Christofilopoulos, Panayiotis / Roussos, Constantinos / Lädermann, Alexandre / Lübbecke, Anne / Hoffmeyer, Pierre
390	Postoperative Recovery of Mechanical Muscle Function in Hip Replacement Patients	Jensen, Carsten / Aagaard, Søren / Overgaard, Søren
432	Clinical and radiological results of cementless hip arthroplasty – Comparison of an anatomically designed stem and a taper stem	Nakamura, Yoshihide / Ohishi, Hirotsuka / Kishiya, Masaki / Toh, Satoshi / Kikuchi, Akira
434	Pseudotumor Formation Following Metal-on-Metal Hip Resurfacing: An Analysis of Metal Nanoparticles in Retrieved Tissue	Xia, Zhidao / Mehmood, Shahid / Murray, David
444	Stem revision surgery in THA with the CLS-stem: clinical and radiological outcome of 75 patients with a follow-up of up to 17 years	Maier, Michael / Schipp, Rolf / Fulghum, Christian
473	Severe metallosis due to intra-prosthetic dislocation in a failed Dual Mobility cup primary total hip arthroplasty	Mohammed, Riazuddin / Cnudde, Peter
544	Cemented and Uncemented fixation in Total Hip Replacement: Systematic Review.	Abdulkarim, Ali / Abdulkarim, Ali / Owonikoko, Segun / Motterlini, Nicola / Fahey, Tom / O'byrne, John
548	Pseudotumour following metal on metal hip replacement can progress after revision surgery	Mehmood, Shahid / Gill, Harinderjit / Murray, David / Glyn-Jones, Sion
552	The influence of stem stiffness on stability in total hip arthroplasty.	Mehmood, Shahid / Gill, Harinderjit / Murray, David / Glyn-Jones, Sion

## Lower limb

No.	TITLE	AUTHORS
555	A Survey on the Incidence of Pseudotumours with MOM Hip Resurfacings in Canadian Academic Centres	Beaulé, Paul / Smith, Frank / Powell, Jim / Antoniou, John / Bourne, Robert / Lavigne, Martin / Belzile, Etienne / Schemitsch, Emil / Garbuz, Donald
556	A Prospective Randomized Controlled Trial Comparing Three Alternative Bearing Surfaces in Primary Total Hip Arthroplasty	Waddell, James / Nikolaou, Vassilios / Edwards, Max / Bogoch, Earl / Schemitsch, Emil
562	In Vitro and Retrieval Analysis of Modular Necks in Total Hip Arthroplasty	Beaulé, Paul / Speirs, Andrew / Nganbe, Michel / Louati, Hakim / Khan, Ussam
564	Early Experience of Anterior Approach for Hip Resurfacing	Beaulé, Paul / Banga, Kamal
592	Acetabular revision total hip arthroplasty through an anterolateral approach	Shigemura, Tomonori / Kishida, Shunji / Nakamura, Junichi / Takeshita, Munenori / Takazawa, Makoto / Miyasaka, Takeshi / Harada, Yoshitada / Takahashi, Kazuhisa
611	Periprosthetic fractures of the femur following total hip arthroplasty and total knee arthroplasty	Volpin, Gershon / Sevi, Roger / Tauber, Chanan / Ciubotaru, Dan / Kotzer, Yuri / Krushinski, Moti / Shtarker, Haim / Kaushanski, Alexander
624	Magnetic Resonance Arthrogram vs. Hip arthroscopy	Banks, Daniel / Boden, Richard / Mehan, Rakesh / Fehily, Max
637	Outcome of Revision THA Using the Echelon Revision Stem	Waddell, James / Baird, Robert / Nikolaou, Vassilios / Schemitsch, Emil
639	Proximal femoral allografts in revision hip arthroplasty: 4 to 20 years follow-up	Dutra Roos, Bruno / Roos, Milton / Camisa Jr, Antero / Paim Rigol, Julio
666	Impaction femoral allografting at revision hip arthroplasty: A comparative consecutive series of uncemented versus cemented techniques by a single surgeon.	Lidder, Surjit / Masterson, Sean / Scott, Gareth
669	Impaction femoral allografting at revision hip arthroplasty using a proximally hydroxyapatite coated stem without cement.	Lidder, Surjit / Masterson, Sean / Scott, Gareth
672	Evaluation of Alpha angle in asymptomatic adult hip joints - Analysis of 994 hips	Lee, Won Jun / Jung, Kwang Am / Park, Jun Soo / Nam, Chang Hyun / Lee, Dong Won
735	Trabecular Metal buttress augment and cup-cage construct in revision hip arthroplasty for severe acetabular bone loss.	Ballester Alfaro, Juan José / Sueiro Fernández, José
789	Restoration of the proximal femoral anatomy with a cementless stem: a CT-scan study about 100 total hip arthroplasties	Lustig, Sebastien / Viste, Anthony / Archbold, Pooler / Demey, Guillaume / Neyret, Philippe / Aitsiselmi, Tarik
790	Cementless Metal-on-Metal Hip Arthroplasty in Patients Less Than 50 Years of Age : a Case control study versus Ceramic-on- Polyethylene at 12 to 14-year Follow-Up	Migaud, Henri / Putman, Sophie / Krantz, Nicolas / Berton, Charles / Vasseur, Laurent / Blairon, Alexandre / Girard, Julien
811	Use of a distally fixed modular hip revision system in a District General Hospital	Stevenson, Jonathan / Edge, Antonia / Sinha, Ashok / Shaylor, Phillip
812	Periprosthetic Bone Remodelling after Total Hip Arthroplasty with the Metha® Short Stem	Lerch, Matthias / Von Der Haar-Tran, Annelene / Bouguecha, Anas / Behrens, Bernd / Von Lewinski, Gabriela / Thorey, Fritz / Windhagen, Henning / Stukenborg-Colsman, Christina

## Lower limb

No.	TITLE	AUTHORS
844	Interest of an anatomical dual mobility cup in the prevention of psoas syndrome: a series of 259 cases.	Tracol, Philippe / Beracassat, Richard / Pagazani, Gerard / Vandenbussche, Eric
853	Aetiological analysis of revision total hip arthroplasty	Iqbal, Hafiz / Shahid, Rizwan / Maqsood, Mohammad
872	Positive association between femoral offset and acetabular cup size when using the Exeter stem (V40) total hip replacement	Eadsforth, Thomas / Kenyon, Peter / Rao, Janardhan
890	Accuracy of Leg Length Measurement in Total Hip Arthroplasty for Prevention of Post-Operative Leg Length Discrepancy. Comparison of Computer Navigation and Simple Manual Measurement Device	Ogawa, Kyo-Chi / Kabata, Tamon / Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Tsuchiya, Hiroyuki
912	The interest of Total Hip Arthroplasties using a dual-mobility system in patients under 50 years of age	Philippot, Remy / Boyer, Bertrand / Farizon, Frederic
915	The interest of a dual mobility cup combined with a metal reinforcement ring in prosthetic hip replacement with extensive acetabular bone loss	Philippot, Remy / Schneider, Loic / Boyer, Bertrand / Farizon, Frederic
921	Early acetabular revision with Anatomic cup	Bonacina, Paolo / Uboldi, Francesco / Briatico-Vangosa, Luca
940	Minimum 5 year outcome of metal on metal hip resurfacing using the Cormet device	Kordas, Geza / Baxter, Jonathan / Krikler, Steve
963	Cementless total hip prosthesis : Functional and mechanical effects of a bilayer coating	Ferreira, André / Raossanaly, Christophe / Aslanian, Thierry
968	Cementless total hip prosthesis : Clinical efficacy of a bilayer coating	Ferreira, André / Picaud, Jean
971	Incidence of intra-operative greater trochanteric fractures from fixation with the proximal femoral nail antirotation versus the dynamic hip screw	Tay, Jonathan / Siddiqui, Mashfiqul / Tay, Boon-Keng
975	Does the National Joint Registry influence hip arthroplasty in a District General Hospital?	Walton, Thomas / Kenyon, Peter / Rao, Janardhan
978	 The X-ray-analysis of femoroacetabular impingement – the relationship between cross-over sign, spinal alignment and impingement sign in the Iwaki Health Promotional Project	Ohishi, Hirotaka / Nakamura, Yoshihide / Kishiya, Masaki / Inoue, Ryo / Iwasaki, Hiroki / Ishibashi, Yasuyuki / Toh, Satoshi / Nakaji, Shigeyuki / Umeda, Takashi
991	Acetabular reconstruction with impaction grafting and G.A.P. cup system	Panisello, Juan / Mateo, Jesus / Ripalda, Jorge / Monge, Eugenia / Aldabas, Silvia / Herrera, Antonio
993	Morselized Autografting for Superolateral Acetabular Roof Defects in Primary Total Hip Arthroplasty for DDH with Cementless HA Coating Cup	Kabata, Tamon / Nakamura, Takuya / Maeda, Toru / Kajino, Yoshitomo / Ogawa, Kyo-Icgi / Iwai, Shintaro / Kuroda, Kazunari / Tsuchiya, Hiroyuki
1006	Posterior soft tissue repair may control the range of postoperative hip internal rotation after primary total hip arthroplasty through a posterior approach.	Otani, Takuya / Fujii, Hideki / Kawaguchi, Yasuhiko / Ueno, Yutaka / Tamegai, Hideaki / Kato, Tsutomu / Hayama, Tetsuo / Marumo, Keishi
1032	The epidemiology of total hip replacement dislocations: Our institutional experience.	Tan, Hiang Boon / Aderinto, Joseph / Giannoudis, Peter



Winner of the Jacques Duparc Award



## Lower limb

No.	TITLE	AUTHORS
1038	Total hip arthroplasty following acetabular fracture: a review of post-arthroplasty outcome	Tan, Hiang Boon / Macdonald, David / Kanakaris, Nikolaos / Bobak, Peter / Giannoudis, Peter
1068	Diagnostic value of White Blood Cell Scintigraphy and Bone Marrow Scintigraphy in Hip Arthroplasty	Corella, Eduardo / Corella, Eduardo / Ezquerro, Laura / Seral, Belen / Estella, Ruben / Torres, Antonio / Castillo, Andres / Blanco, Nieves / Albareda, Jorge
1095	In-vivo temperature profile at cement-bone interface during cementation of preheated femoral component in total hip arthroplasty	Petruskevicius, Juozas / Laursen, Mogens / Joergensen, Mogens / Soeballe, Kjeld / Nielsen, Poul
1120	The Association between Fractured Ceramic Heads, Patient BMI and Theta Angles in JRI Furlong Hip Arthroplasty.	Pritchard, Christopher / Kenyon, Peter / Rao, Janardhan
1131	Case Series No adverse effects from transplacental passage of metal ions in women with hip resurfacing	Desouza, Ruth-Mary / Costa, Matthew / Krikler, Steve / Wallace, David
1133	The comparison of preoperative planning and postoperative radiographic outcome after THR in dysplastic hip patients.	Zebolds, Silvestris / Juntins, Andris
1136	Painful Metal Reactivity leading to revision after Hip Resurfacing Arthroplasty	Su, Edwin / Su, Sherwin
1145	Ganz periacetabular osteotomy: a 7 years experience	Ribas Fernández, Manuel / Ledesma, Rubén / Cárdenas, Carlomagno / Bellotti, Vittorio / Marin-Peña, Oliver / Monegal, Alex / Cáceres Palou, Enric
1171	Cementless cup fixation for Crowe I to III hip dysplasia	Yo, Hirotake / Yo, Hirotake / Ohashi, Hirotsugu / Inori, Fumiaki / Okajima, Yoshiaki / Fukunaga, Kenji
1249	Long term results of combined varus and Chiari pelvis osteotomys for dysplastic hips	Suda, Ken / Ito, Tomoyuki / Miyasaka, Dai / Imai, Norio / Kitahara, Hiroshi / Ito, Masayuki / Iga, Toshiro / Yuasa, Nobuhiro / Minato, Izumi / Domae, Youichiro / Sofue, Muroto / Naoto, Endo
1254	Squeaking in Hip Replacement Arthroplasty: A Systematic Review and Meta-Analysis	Keurentjes, Johan / Van Der Voort, Paul / Fiocco, Marta / Vliet Vlieland, Thea / Nelissen, Rob
1262	Patient Reported Outcome Measures in Charnley's Hip Replacement Arthroplasty: A Systematic Review.	Keurentjes, Johan / Pijls, Bart / Vliet Vlieland, Thea / Schoones, Jan / Fiocco, Marta / Labek, Gerold / Nelissen, Rob
1270	Subchondral stress fracture of the femoral head in old aged people	Kim, Hee Joong / Yoon, Pil Whan / Yoo, Jeong Joon / Koo, Kyung-Hoi / Yoon, Kang Sup / Suh, Kuen Tak
1278	Ceramic strategy for cup revisions: minimum 3 years follow-up with alumina matrix composite ball heads and sleeves	Lazennec, Jean Yves / Boyer, Patrick / Rousseau, Marc Antoine / Ducat, Alexandre / Gozalbes, Vicente / Rangel, Alfonso / Catonne, Yves
1316	Characteristics of Small-Sized Femur in Dysplastic Hip OA	Okamoto, Yusaku / Ohashi, Hiroto / Inori, Fumiaki
1322	RCT comparing uncemented Symax and Omnifit hip prostheses after 5 years clinical follow-up	Arts, Jacobus / Ten Broeke, R / Kruijntjens, D / Jutten, E / Van Rhijn, L
1337	The effect of an intravenous bolus of tranexamic acid on post-operative blood loss in total hip arthroplasty	Imai, Norio / Dohmae, Yoichiro / Suda, Ken / Miyasaka, Dai / Ito, Tomoyuki / Endo, Naoto
1345	Treatment of osteonecrosis of the femoral head with a stem cell loaded scaffold in sheep.	Vélez, Roberto / Soldado, Francisco / Fernández, Alejandro / Caminal, Marta / Vives, Joaquim / Pla, Arnau / Aguirre, Màrius

## Lower limb

No.	TITLE	AUTHORS
1352	14-year survival of Furlong-HAP THA: comparison between older and younger than 65 years	Cordero-Ampuero, José / Martín, Raquel / Gallego-Pulgarín, María Isabel / Bustillo, Javier
1397	The effect of cemented or uncemented fixation on cup orientation in primary hip replacement surgery	Olsson, Marianne / Maansson, Lukas
1417	Proximal femur changes using an extensively porous-coated stem without allograft in Vancouver B2 and B3 periprosthetic fractures	García-Rey, Eduardo / García-Cimbrelo, Eduardo / Cruz-Pardos, Ana / Madero, Rosario
1424	Bone defect and acetabular reconstruction with uncemented oblong cups in revision hip surgery	García-Rey, Eduardo / Fernández-Fernández, Ricardo / Duran, David
1427	Ten years results of new polyethylenes in total hip replacement	García-Rey, Eduardo / García-Cimbrelo, Eduardo / Cruz-Pardis, Ana / Ortega-Chamarro, Jose
1431	Three Dimensional Posterior Horizontal Dislocation Distance: A More Clinically Relevant Measure of Hip Implant Stability	Nevelos, Jim / Heffernan, Christopher / Macintyre, Jim / Ron, Michael / Markel, David / Mont, Michael
1435	Initial results following introduction of Enhanced Recovery Programme (ERP) in Primary Total Hip Arthroplasty	Hartwright, David / Harvey, Kate / Mathews, Georgina / Schleh, Annabel
1459	Long term results of cementless stem with pure metaphyseal fixation	Cinotti, Gianluca / Della Rocca, Antonello / Ripani, Francesca Romana / Salustri, Walter
1470	The effect of pelvic tilt on acetabular component orientation in hip arthroplasty – A radiological analysis	Grammatopoulos, George / Mellon, Stephen / Chen, Minsi / Pandit, Hemant / Murray, David / Gill, Harinderjit
1483	Factors reducing range of movement in resurfaced hips	Grammatopoulos, George / Reilly, Kathleen / Pandit, Hemant / Barker, Karen / Gundle, Roger / Mclardy-Smith, Peter / Gill, Harinderjit / Murray, David
1500	Hip Resurfacing Arthroplasty : our experience at a UK district general hospital over a 7 year period	Maclean, Simon / Maclean, Simon / Killampalli, Vijay / Mattar, Saba / Sandys, Stephen / Reading, Alex
1527	Hip-specific composite scoring systems: a content comparison based on the international classification of functioning, disability and health (ICF)	Hoang-Kim, Amy / Schemitsch, Emil / Kulkarni, Abhaya / Beaton, Dorcas
1544	Assessment of the Accuracy of Hip Anatomic Reconstruction with Digital Templating	Panteli, Michalis / Damos, Peter / August, Andrew / Porteous, Matthew
1576	Does Total Hip Arthroplasty Affect Joint Mechanics of both Lower-Limbs during Stair Locomotion?	Lamontagne, Mario / Beaulieu, Mélanie / Varin, Daniel / Beaulé, Paul
1582	Biomechanical Adaptations in Total Hip Arthroplasty Patients during Sitting and Standing Tasks	Lamontagne, Mario / Beaulieu, Mélanie / Varin, Daniel / Beaulé, Paul
1586	The Effect of THA on Joint Mechanics of Non-Operated Limb during Gait	Lamontagne, Mario / Beaulieu, Mélanie / Varin, Daniel / Beaulé, Paul
1616	Use of Massive Structural allografts in Revision of infected Total hip Replacement	Malhotra, Rajesh / Kumar, Vijay
1627	Primary total hip arthroplasty in severe developmental dysplasia of the hip	Malhotra, Rajesh / Kumar, Vijay
1634	Results of Total Hip Arthroplasty done for arthritis following Tuberculosis of hip	Malhotra, Rajesh / Kumar, Vijay / Garg, Bhavuk

Selected within the best e-posters

## Lower limb

No.	TITLE	AUTHORS
1644	Mortality and length of stay related to hip fracture type	Riis, Troels / Ogarrio, Henning / Lauritzen, Jes / Jorgensen, Henrik / Duus, Benn
1650	Biomechanical analysis of luxation situations using gait analysis for the R3 cup.	Bjorslev, Naja / Wong, Christian / Rasmussen, John / Curtis, Derek / Simonsen, Erik / Gebuhr, Peter
1675	10 Year Follow-Up of Highly Cross-linked Polyethylene Liners in Total Hip Arthroplasty	Bragdon, Charles / Jarrett, Bryan / Doerner, Michael / Rubash, Harry / Freiberg, Andrew / Malchau, Henrik
1677	Different pattern of bone mineral density after cemented and noncemented hip replacement	Maasalu, Katre / Märtson, Aare / Haviko, Tiit
1694	Health-related quality of life in patients on waiting list for total hip arthroplasty	Rolfson, Ola / Eriksson, Jonte / Lövfendahl, Sofia / Garellick, Göran
1725	Early results of cemented dual mobility acetabular implant for recurrent total hip dislocations: the U.K. experience	Ghosh, Sabyasachi / Shah, Bhavik / Bhansali, Hardik
1735	Hip Resurfacing Arthroplasty in Older Patients	Meermans, Geert / Corten, Kristoff / Koppens, Daan / Schepel, Niek / Pittoors, Kathleen
1739	No in vivo adverse effects of submelt annealed highly cross-linked polyethylene - A 10 year RSA study in cemented cups -	Röhrl, Stephan / Nivbrant, Bo / Nilsson, Kjell
1791	Evaluation of hip MRI arthrography in patients undergoing hip arthroscopy in a district general hospital.	Goff, Thomas / Sidhom, Sameh / Conroy, Jonathon
1846	Femoral impaction grafting and cemented stems for Vancouver B2 and B3 periprosthetic fractures.	Buttaro, Martin / Comba, Fernando / Piccaluga, Francisco
1870	Fluoroscopy guided resurfacing arthroplasty in patients with a previous proximal femoral osteosynthesis plate. Surgical technique and preliminary results.	Buttaro, Martin / Telesca, Patricio / Comba, Fernando / Piccaluga, Francisco
1874	Massive pelvic and femoral pseudotumoral osteolysis secondary to polyethylene wear in an uncemented total hip arthroplasty	Buttaro, Martin / Iriarte, Hernan / Comba, Fernando / Piccaluga, Francisco
1877	Femoroacetabular impingement. Arthroscopic osteoplasty: clinical and functional evaluation of 151 patients.	Potestio, Domenico / Santori, Nicola / Bertino, Antonio
1945	Does a Total hip replacement (THR) performed via minimally invasive surgery (MIS) at University Hospital Lewisham (UHL) reduce the length of stay and reduce post op complications when compared to the standard incision length technique?	Nwachuku, Iheanyi / Glancz, Laurence / Jassim, Shivan / Daneshfar, Aria
1965	Revision surgery for acute pelvic discontinuity due to peri-prosthetic acetabulum fractures: An emerging challenge for orthopaedics surgeons.	Yousaf, Sohail / Kumar, Panamoottil / Stott, Philip / Bridle, Simon / Mitchell, Philip
1971	The effect of the thickness of articular cartilage on the pathomechanics of femoroacetabular impingement: a finite element analysis study	Rajakulendran, Karthig / Wong, Prudence / Suppatee, Radhakrishna / Bardakos, Nikolaos / Field, Richard / Estat, Ibrahim / Chizari, Mahmoud
1981	Metal on metal total hip arthroplasty associated with neurotoxicity and recurrent dislocation	Mann, Bhupinder / Picardo, Natasha / Shaerf, Daniel / Vanhegan, Ivor / Whittingham-Jones, Paul / Sheeraz, Ahsan / Skinner, John

## Lower limb

No.	TITLE	AUTHORS
1991	Design rationale, preclinical testing and 3-year clinical results of the bone-conserving Proximal Epiphyseal Replacement (PER) femoral component	Field, Richard / Rajakulendran, Karthig
1996	Life expectancy and functional outcome following total hip replacement in diabetics: a ten-year follow-up	Tsang, Shao-Ting / Smith, George / Ballantyne, James
2011	Ante-version of the normal acetabulum changes through axial cuts of the pelvis- a 3D CT guided observation	Mullan, Conor / Wong-Chung, John
2020	Curved taper polished cemented stem (SC-stem) in total hip arthroplasty: 4.5 years clinical experience.	Wada, Takahiko / Oe, Kenichi / Asada, Taku / Iida, Hirokazu
2024	Plate Osteosynthesis of Vancouver B1 Periprosthetic Femur Fracture Using Contoured Femoral LC Compression Plate	Kaleel, Saajid / Porteous, Matthew / Mcroberts, John
2045	Comparison of Blood Loss in Rapidly Destructive Coxarthrosis with Avascular Necrosis of the Femoral Head in Primary Non-cemented Total Hip arthroplasty	Lee, Kyung Hoon / Lee, Kee Heang
2084	Femoral neck stress fractures after metal-on-metal hip resurfacing arthroplasty: a report of 3 cases	Krupp, Friederike / Le Duy, Xavier / Arlettaz, Yvan / Ehlinger, Matthieu
2099	Learning curve assessment and pitfall analysis of Collum Femoris Preserving total hip arthroplasty using time-action analysis	Van Oldenrijk, Jakob / Rijk, Elisa / Runne, Wouter / Verheyen, Cees / Van Egmond, Cees / Schafroth, Matthias / Poolman, Rudolf
2111	Early results of THA in younger patients: do short stems live up to their promises?	Thorey, Fritz / Lerch, Matthias / Budde, Stefan / Floerkemeier, Thilo / Windhagen, Henning / Lewinski, Gabriela Von
2134	The Modular Neck – Stem Taper – A Corrosive Problem?	Webb, James / Beaver, Richard
2142	Imageless cup navigation in THA: are there any challenges when starting navigation?	Thorey, Fritz / Lerch, Matthias / Budde, Stefan / Floerkemeier, Thilo / Windhagen, Henning / Lewinski, Gabriela Von
2160	Effects of postoperative weight bearing on body composition and BMD of the legs after unilateral uncemented THA. A RCT with 5 years of follow up.	Wolf, Olof / Mattsson, Per / Milbrink, Jan / Larsson, Sune / Mallmin, Hans
2172	Total hip replacement with cemented anatomic stem: Clinical and gait analysis results at ten years follow-up.	Grzesiak, Arthuri / Aminian, Kamiar / Jobin, Florence / Morel, Pascal / Jolles, Brigitte
2183	Vastus lateralis aponeurosis flap augmentation of failed posterior repair in revision total hip arthroplasty for dislocation.	Thornton-Bott, Paul / Thornton-Bott, Paul / Chana, Rishi / Walter, William / Walter, William
2196	The use of dual mobility socket in Total Hip Arthroplasty (THA) révision. A prospective study of 112 cases	Pourcel, Aurélien / Ibnoukhatib, Aïssa / Laffosse, Jean Michel / Tricoire, Jean Louis / Chiron, Philippe / Puget, Jean
2254	Acetabuloplastic massive bone graft with cementless acetabular components for the treatment of dysplastic hips.	Kajiwara, Toshihisa / Hachiya, Masashi / Satoh, Masaaki / Itoh, Kanako / Atsumi, Takashi / Tamaoki, Satoshi / Yamada, Katsuhisa
2257	Femoral revision with cementless cylindrical stem	Nagoya, Satoshi / Kaya, Mitsunori / Sasaki, Mikito / Okazaki, Shunichiro / Tateda, Kenji / Kosukegawa, Ima / Yamashita, Toshihiko
2271	Does enhanced care hip arthroplasty affect outcome ?	Inaparthi, Praveen / Porteous, M

## Lower limb

No.	TITLE	AUTHORS
2285	Digital and manual radiological measurements for hip dysplasia	Engesaeter, Ingvild / Laborie, Lene / Lehmann, Trude / Engesaeter, Lars / Rosendahl, Karen
2300	Quality of life and hip functionality 11 to 23 years after total hip arthroplasty	Mariconda, Massimo / Galasso, Olimpio / Costa, Giovan Giuseppe / Cerbasi, Simone / Balato, Giovanni / Marinò, Domenico
2331	The mid-term results in revision THR in patients with proximal femoral bone loss.	Goncars, Valdis / Zebolds, Silvestris / Kalnberzs, Konstantins / Zommers, Ints
2335	A randomized study on migration of the Spectron EF and the Charnley flanged 40 cemented femoral components using radiostereometric analysis at 2 years	Kadar, Thomas / Hallan, Geir / Aamodt, Arild / Indrekvam, Kari / Havelin, Leif / Stokke, Terje / Haugan, Kristin / Espehaug, Birgitte / Furnes, Ove
2352	T1-Rho Magnetic Resonance Imaging of Hip Articular Cartilage in FAI	Rakhra, Kawan / Beaulé, Paul / Cameron, Ian / Cárdenas-Blanco, Arturo / Lattanzio, Pierre-Jean
2360	Are modular neck femoral components stable and is there movement at the taper? An in vivo Radiostereometric Analysis (RSA) study.	Thomas, Geraint / Gulati, A / Abram, Simon / Oxford Hip And Knee Group, Na / Mclardy-Smith, Peter / Gill, H / Murray, David / Glyn-Jones, Sion
2374	MR biomarker assessment of the cam lesion associated with femoroacetabular impingement at 11.7 T	Rakhra, Kawan / Cárdenas-Blanco, Arturo / Schweitzer, Mark / Beaulé, Paul
2383	Versafitcup® double mobility cup: outcomes at a mean follow-up of 5 years.	Laffargue, Philippe / Roumazielle, Thibault / Soenen, Marc / Migaud, Henri
2426	Large diameter metal-on-metal total hip arthroplasty with Durom™ implant: a prospective study of 70 patients at 5 years	Fontanin, Nicolas / Hemery, Xavier / Ohl, Xavier / Barresi, Laurent / Dehoux, Emile
2457	Short vs long stem cementless implants; is bone conservation an advantage?	Simpson, David / Lowry, Conor / Yeoman, Mark / Cizinauskas, Andrius / Vincent, Graham / Collins, Simon
2508	Reconstruction of several acetabular defects with bone substitute and use of restraining rings	Diaz, Hernan / Anania, Andres / Sabatella, Carlos
2531	Total hip replacement in high riding DDH Using proximal femoral neck shortening osteotomy, in L step cut fashion	Moshirabadi, Ataollah
2580	Global offset in total hip arthroplasty: study about a consecutive series of 106 lateralized stems	Henry, Julien / Viste, Anthony / Chouteau, Julien / Fessy, Michel-Henri / Moyen, Bernard
2609	Equatorial fins enhance press-fit of cementless cups in dysplastic acetabula: comparative results of 3 different models.	Binazzi, Roberto
2629	Long-term results of cementless primary total hip arthroplasty with a threaded cup and a tapered stem	Papanastopoulos, Konstantinos / Mandalos, Konstantinos / Myriokefalitakis, Emmanuel / Kateros, Konstantinos
2636	Revision of hemiarthroplasty to total hip arthroplasty using the cement in cement technique.	Mounsey, Emily / Williams, Dan / Howell, Jonathan / Hubble, Matthew / Timperley, John / Gie, Graham
2667	Early clinical and radiological outcome of total hip replacement with the short uncemented Fitmore stem	Attinger, Marc / Bürgi, Martin / Bereiter, Heinz / Stoffel, Karl
2698	Impact of Charnley classification on patient reported outcome in mini invasive hip replacement	Maansson, Lukas / Olsson, Marianne

## Lower limb

No.	TITLE	AUTHORS
2734	4 Year Results Using a New Type of Acetabular Component With and Without a Metal Shell in THA	Mai, Sabine / Mai, Burkhard / Siebert, Werner
2751	The Short Term Results of a cementless Summit?R Femoral Stem in Ceramic-on-Ceramic Total Hip Arthroplasty: Comparison of standard offset type with high offset type	Roh, Youn-Tae / Cho, Sung-Gil / Lee, Kee-Haeng
2774	When to return to driving following lower limb arthroplasty? Who is responsible for making the decision?	Jain, Neil / Matheson, James / Knowles, David
2776	Performing surgeon affects outcome after total hip arthroplasty	Bjorgul, Kristian / Novicoff, Wendy / Andersen, Sven / Brevig, Knut / Wiig, Einer / Ahlund, Ola
2779	Bone remodeling in cementless ha coated THA stems after 20 years	Boldt, Jens
2888	Minimally invasive anterolateral approach for treatment of anterior femoroacetabular impingement: Technique and Results of 60 cases.	Espié, Aloïs / Espié, Aloïs / Cavaignac, Etienne / Laffosse, Jean-Michel / Chiron, Philippe
2895	The experience of Constrained devise in revision arthroplasty	Manning, William / Chong, Mark / Symes, Tom / Longstaff, Lee
2915	Use of extended femoral offset components in total hip arthroplasty	Diaz, Hernan / Ortega Traverso, Jorge / Anania, Andres / Sabatella, Carlos
2928	Comparative Evaluation of Cross-Table and Ducroquet Incidences for Evaluation of the Hip Alpha Angle	Queiroz, Marcelo / Nishimori, Fabio / Polesello, Giancarlo / Nunes, Marcus / Lucena, Luis Eduardo / Garcia, Diego / Nunes, Rafael / Amaral, Denise / Daniachi, Daniel / Riciolli, Walter / Guimarães, Rodrigo / Honda, Emerson / Ono, Nelson
		Selected within the best e-posters
2931	Endoscopic gluteus maximus tendon release for external snapping hip syndrome	Queiroz, Marcelo / Polesello, Giancarlo / Ricioli Jr, Walter / Daniachi, Daniel / Guimarães, Rodrigo / Honda, Emerson / Ono, Nelson
2949	Asymptomatic Fibroostosis of the Hamstrings is associated with Heterotopic Ossification after THA	Merle, Christian / Bergdolt, Christian / Streit, Marcus / Ames, Michael / Gotterbarm, Tobias / Aldinger, Peter
2997	Results of Isolated Acetabular Revision Surgery.	Dagleish, Stephen / Love, Gavin / Nassif, Manhal
3011	Primary Total Hip Arthroplasty using an alumina ceramic-on-ceramic bearing: survivorship after a minimum of 5 years of follow-up.	Rochwerger, Alexandre / Le Meur, Maël / Lecoz, Loïc / Tayeb, Ayman / Louis, Marie Laure / Curvale, Georges
3019	Total hip replacement in the hands of a supervised resident: Equally safe and same results?	Ide, Heyligers / Grimm, Bernd / Van Hemert, Wouter / Tonino, Alphons / Heyligers, Ide
3079	Pudendal Neuralgia and other complications after hip arthroscopy. Incidence on 150 cases.	Reina, Nicolas / Pailhe, Regis / Laffosse, Jean Michel / Chiron, Philippe / Puget, Jean
3085	Our clinical experience with a proximal loading stem Corail (DePuy/USA).	Seidov, Inar / Zagorodny, Nikolay / Seidov, Inar / Hadjicharalambous, Kyrillos / Weyal, Nik / Topoev, Georgiy / Elkin, Denis / Skipenko, Timofey / Bezverchiy, Sergey / Fernandes, Arnold / Aliev, Rasul / Grishin, Volodya / Ismaylov, Djeychun
3090	The Clinical Results for Deep Surgical Site Infection after Primary Total Hip Arthroplasty	Tsuji, Koji / Hirakawa, Kazuo / Tsukamoto, Riichiro / Ueno, Takeaki / Saito, Akira / Iwase, Miho / Kaneko, Takeshi / Tatsumi, Ichiro / Takita, Yasuhiro
3115	 Central acetabular osteophyte (saber tooth sign) and periacetabular arthrosis (seagull sign), two of the earliest signs of osteoarthritis of the hip joint	Mofidi, Ali / Shields, John / Poehling, Gary / Stubbs, Allston



## Lower limb

No.	TITLE	AUTHORS
3126	Functional and clinical outcome of THA using 4th generation large diameter ceramic bearing couples	Raman, Raghu / Shaw, Christopher / Johnson, Geoffrey / Sharma, Hemant / Singh, Jagwant
3140	Review of hip arthroscopy- functional outcome	Kovilazhikathu Sugathan, Hari / Tumia, Nezar
3216	Revision Total Hip Arthroplasty in the Presence of Distorted Proximal Femoral Anatomy – The Advantages of a Short Stemmed Implant.	Young, Peter / Middleton, Rory / Learmonth, Ian
3251	Functional and general outcome after total hip arthroplasty in patients with hip dysplasia	Aljinovic, Ana / Bicanic, Goran / Delimar, Domagoj
3280	Double mobility cups in total hip arthroplasty	Sanchis Amat, Raquel / Hernandez Ferrando, Lorenzo / Zarzuela Sanchez, Victor / Ribas García Peñuela, Juan / Balaguer Andres, Jaume
3309	Outcomes of Hip Arthroscopy From The First Year of Consultant Practice	Winter, Alison / Badhesha, Jaswant / Campton, Luke
3311	Biomechanical approach to hip arthritis: a finite element study.	Valera, Marios / Proubasta, Ignasi / Lacroix, Damien / Ibàñez, Natalia / Crusi, Xavier / Sancho, Rogelio
3322	Radial Extracorporeal Shockwave therapy for treatment of Greater trochanter pain syndrome.	Paringe, Vishal / Moideen, Abdul / Ghandour, Adel / Ahuja, Sashin / O'doherty, Declan
3328	The Impact of Preoperative Cardiac Tests on Medical Treatment and Mortality in Elderly Patients with Hip Fractures	Bilgili, Fuat / Bilgili, Fuat / Kabukcuoglu, Yavuz / Mutlu, Harun / Parmaksizoglu, Atilla / Ozkaya, Ufuk / Sokucu, Sami
3343	Hip fractures in centenarian- Are we doing enough?	Giri, Sitaram / Odede, Samuel / Hosahally Thimegowda, Abhilash / Sonsale, Paresh
3352	False aneurysm of femoral artery resulting from fragment of ceramic liner. A case report.	Verma, Gopalkrishna / Verma, Gopalkrishna / Sharma, Hemant / Zafiroopoulos, George
3448	A prospective randomized clinical trial using an uncemented and screw fixated porous coated cup with or without hydroxyapatite in revision total hip arthroplasty	Ovesen, Ole / Ding, Ming / Overgaard, Søren

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## Knee osseous

88	Changes in the Medial and Lateral Posterior Condylar Offset in Total Knee Arthroplasty	Ishii, Yoshinori / Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junkoh
92	Computer navigation of valgus knee kinematics	Hart, Radek / Sváb, Pavel / Bárta, Radim / Smid, Petr
101	Total Knee Arthroplasty in Grades II and III Valgus Knees: Which is the optimal Approach; lateral parapatellar combined with tibial tuberosity osteotomy or medial capsulotomy?	Nikolopoulos, Dimitrios / Nikolopoulos, Dimitrios / Polyzois, Ioannis / Apostolopoulos, Alexandros / Rossas, Charalabos / Kallikatzaros, Manolis / Liarakis, Spyros / Michos, Ioannis
158	We do not have Evidence Based Methods for the Treatment of Cartilage Defects in the Knee	Benthien, Jan / Schwaninger, Manuela / Behrens, Peter
163	Patellofemoral HemiCAP Resurfacing Arthroplasty : Literature Review And Clinical Results	Menakaya, Chinyelu / Menakaya, Chinyelu / Teanby, David
201	Intra-operative radiographic knee flexion angle predicts post-operative knee flexion angle in TKA.	Fukunaga, Kenji / Okajima, Yoshiaki / Ohashi, Hirotsugu / Inori, Fumiaki / Yo, Hiroaki

## Lower limb

No.	TITLE	AUTHORS
208	Unicompartmental Knee Replacement Long Term Results With All-Poly Tibial Component At A Mean Follow-Up Of 98 Months	Bruni, Danilo / Raspugli, Giovanni / Iacono, Francesco / Zaffagnini, Stefano / Marcheggiani Muccioli, Giulio / Bonanzinga, Tommaso / Marcacci, Maurilio
234	Analysis of TKA alignment using the methodology of welfare quality.	León, Vicente
254	Variability of the posterior tibial slope using intramedullary tibial alignment techniques.	León, Vicente / Lisón, Alonso / Escámez, Ángel
276	Navigated total knee prosthesis exchange. A comparative study with conventional technique.	Jenny, Jean-Yves / Diesinger, Yann
278	Navigated, mobile bearing total knee prosthesis with floating platform and extended congruency. A 5-year follow-up study.	Jenny, Jean-Yves / Schoenahl, Jean-Yves / Louis, Pascal
377	All-poly tibial component in Unicompartmental Knee Arthroplasty: a prospective study with 10 years minimum follow-up	Confalonieri, Norberto / Manzotti, Alfonso
378	Bicompartmental arthritis of a knee: a prospective matched short term study using a dedicated ACL sparing implant	Manzotti, Alfonso / Confalonieri, Norberto / Motavalli, Kouros / Piccinini, Domenico
387	Patella osteochondritis dissecans end stage: The osteochondral mosaicplasty option	Visona, Enrico / Chouteau, Julien / Aldegheri, Roberto / Fessy, Michel Henri / Moyen, Bernard
401	Comparison of functional outcome and quality of life in revision and primary total knee arthroplasty.	Gomez Vallejo, Jesus / Ranera García, Miguel / Seral García, Belén / Albareda Albareda, Jorge
409	Is postero stabilization of total knee prostheses effective? An intraoperative study using navigation	Massin, Philippe / Boyer, Patrick
410	Computer Assisted Versus Conventional Jigs for Component Alignment in Total Knee Arthroplasty: A Randomized Controlled Trial	Blakeney, William / Khan, Riaz / Wall, Simon
438	Hot patella and secondary patellar resurfacing: outcome, risk factors and analysis of factors predicting outcome	Sussmann, Patrick / Noelle, Stephanie / Heinert, Gideon / Guggi, Thomas / Drobny, Tomas / Preiss, Stefan
449	Ten years follow-up of 124 opening wedge high tibial osteotomies filled by tricalcium phosphate wedge and fixed by AO T-plate.	Saragaglia, Dominique / Blaysat, Marc / Mercier, Numa / Rubens-Duval, Brice
468	Change in Balance with Total Knee Arthroplasty: Minimum 2-Year Follow-up	Yoshizawa, Takahiro / Ishii, Yoshinori / Shiibashi, Michio / Noguchi, Hideo / Takeda, Mitsuhiro / Sakurai, Tetsuya
469	An alternative method for predicting size of femoral component of Oxford partial knee replacement	Sawalha, Seif / Pasapula, Chandra / Coleman, Nigel
487	Pain Mapping of the Knee: Correlation between the subjective localisation and pattern of the knee pain and arthroscopic findings.	Papanna, Madhavan / Yasin, Naveed / Jeyaseelan, Luckshmana / Al-Hadithy, Nawfal / Sundararajan, Sabapathy
500	Measured Resection versus Gap Balancing for femoral rotational alignment in TKA	Kenanidis, Eustathios / Nikolaidis, Anastasios / Sayegh, Fares / Potoupnis, Michael / Papavasiliou, Kyriakos / Pellios, Stauros / Kapetanios, George



## Lower limb

No.	TITLE	AUTHORS
527	Femoral component affects intraoperative flexion-extension gap difference in total knee arthroplasty	Hananouchi, Takehito / Yamamoto, Kengo / Fudo, Kazumasa / Abe, Hirohito / Ando, Wataru / Ohzono, Kenji
538	UKA after Spontaneous Osteonecrosis of the Knee	Heyse, Thomas / Khefacha, Ahmed / Fuchs-Winkelmann, Susanne / Cartier, Philippe
539	UKA in combination with PFR at average 12 years Follow-up	Heyse, Thomas / Khefacha, Ahmed / Cartier, Philippe
561	Impact of co-morbidity and adverse lifestyle on complications in elective total knee arthroplasty	Schäfer, Christopher / Lauritzen, Jes / Joergensen, Henrik / Riis, Troels / Toennesen, Hanne
573	Total knee arthroplasty with a biolox delta ceramic femoral component an international prospective multicentre study - 2 year follow up	Bergschmidt, Philipp / Bader, Rainer / Ganzer, Dirk / Lohmann, Christoph / Fuerst, Martin / Tigani, Domenico / Saura Mendoza, Eladio / Zorzi, Claudio / Benazzo, Francesco / Kundt, Guenther / Bloch, Hans Rudolf / Mittelmeier, Wolfram
609	Results of Fixed Versus Mobile Bearing Unicompartmental Knee Replacements: A prospective cohort study	Griffiths, Emmet / Nicolai, Paul / Dunn, Andrew / Schenk, Willem
617	The use of TKA-computer navigation in selected cases of multi-dimensional deformities	Von Bremen-Kühne, Reinhard / Machulik, Rudi-Mario
674	What are the concerns of patients with disappointment for Total knee arthroplasty operation?	Lee, Won Jun / Park, Jun Soo / Jung, Kwang Am / Nam, Chang Hyun / Lee, Dong Won
684	Mid-term results of 66 aseptic total knee arthroplasty revisions	Saragaglia, Dominique / Grimaldi, Mathieu / Mercier, Numa / Assoum, Hani
687	Long term clinical results of the Oxford medial unicompartmental knee arthroplasty	Mercier, Numa / Rubens-Duval, Brice / Saragaglia, Dominique
763	The influence of osteophyte removal on range of motion and mediolateral laxity during total knee arthroplasty for varus knees	Yamada, Kunio / Suzuki, Hiroyuki / Hato, Tsunetoshi / Hasuo, Takaaki / Nishino, Masahiro / Tono, Yuji / Takenaga, Tetsuya / Yamada, Hiroki / Yamamoto, Naohiro / Waseda, Yuuya / Tsuda, Ryoji / Imaizumi, Tsukasa / Otsuka, Takanobu
		Selected within the best e-posters
773	Trochleoplasty for combined treatment in excessive patellofemoral instability - A prospective study	Banke, Ingo / Kohn, Ludwig / Meidinger, Gebhart / Otto, Alex / Beitzel, Knut / Imhoff, Andreas / Schöttle, Philip
894	Patellar resurfacing versus nonresurfacing in staged revision of the infected total knee arthroplasty	Ahn, Nong Kyoum / Lee, Dong Won / Jung, Kwang Am / Song, Moon Bok / Park, Il Seok
903	Gap-Balancing in TKA: Influence of Femoral Posterior Resection on Extension Gap	Tamaki, Tatsuya / Kaneyama, Ryutaku / Oinuma, Kazuhiro / Shiratsuchi, Hideaki
926	Patellar resurfacing - a biomechanical analysis	Wurm, Simone / Kainz, Hans / Reng, Wolfgang / Augat, Peter
942	Radiological Outcomes of the Bereiter Trochleoplasty	Odumenya, Michelle / Spalding, Tim / Dhillon, Manpreet / Kolawole, Rebecca / Thompson, Peter
945	Early Results of the Corin Uniglide Unicompartmental Knee Replacement from an Independent Centre	Odumenya, Michelle / Mcguinness, Katie / Spalding, Tim / Thompson, Peter
981	Computer assisted TKA for extra-articular deformity or retained hardware	Sabbioni, Giacomo / Tigani, Domenico / Ben Ayad, Rida
986	NEXGEN® LPS total knee arthroplasty: a 10-year follow-up	Bistolfi, Alessadro / Bistolfi, Alessandro / Rosso, Federica / Boffano, Michele / Deledda, Davide / Lagalla, Francesco / Olivero, Carla / Massazza, Giuseppe / Crova, Maurizio

## Lower limb

No.	TITLE	AUTHORS
988	RHK rotatory hinge knee arthroplasty: result analysis	Rosso, Federica / Bistolfi, Alessandro / Boffano, Michele / Gaito, Valentina / Lagalla, Francesco / Massazza, Giuseppe / Crova, Maurizio
994	New nanostructured biomimetic scaffold to treat osteochondral defects: pilot clinical study at 3 years follow-up	Kon, Elizaveta / Patella, Silvio / Filardo, Giuseppe / Di Martino, Alessandro / D' Orazio, Luca / Di Matteo / Perdisa, Francesco / Marcacci, Maurilio
1010	Intra-articular injections of Platelet-Rich Plasma versus viscosupplementation to treat early osteoarthritis.	Kon, Elizaveta / Filardo, Giuseppe / Patella, Silvio / Di Martino, Alessandro / Di Matteo, Berardo / D' Orazio, Luca / Perdisa, Francesco / Marcacci, Maurilio
1017	Measurement of Posterior Tibial Slope in the Iranian Adult Population	Kazemi, Seyyed Morteza / Hosseini Khameneh, Seyyed Mehdi / Abdollahzadeh Lahiji, Farivar / Seyyed Hosseinzadeh, Hamidreza / Zandi, Reza / Qorashi, Mohammad / Eajazi, Alirzea
1022	Failure in total knee arthroplasty due to fatigue damage of bone	Kester, Mark / Chen, Peter / Patil, Shantanu / Steklov, Nikolai / Colwell Jr, Clifford / D'lima, Darryl
1024	Assessment of functional outcome and joint degeneration progression after knee mosaicplasty: prospective evaluation at 10 years minimum follow-up.	Kon, Elizaveta / Di Martino, Alessandro / Filardo, Giuseppe / Patella, Silvio / Di Matteo, Berardo / D' Orazio, Luca / Perdisa, Francesco / Marcacci, Maurilio
1054	Mid-term follow-up results of autologous chondrocyte implantation (ACI) for osteochondritis dissecans of the knee in an adult population: Radiological evaluation with MRI and indirect ArthroMRI.	Valencia Mora, Maria / Moreno García, Alonso / Martin Hervás, Carmen / Tapia Viñé, Mar / Bello Prats, Santiago
1094	The patellofemoral kinematics in patients suffering from patellofemoral pain following locked intramedullary nailing treatment for femur shaft fracture.	Aksahin, Ertugrul / Akti, Sefa / Yuksel, Halil / Celebi, Levent / Deren, Tagmac / Aktekin, Cem / Dogruyol, Daghan / Bicimoglu, Ali
1098	Ten-year Survivorship of Press Fit Condylar Sigma Total Knee Arthroplasty in Young Patients.	Keenan, Andre / Arthur, Calum / Jenkins, Paul / Wood, Alexander / Walmsley, Phillip / Brenkel, Ivan
1125	Long term results of Albee trochleoplasty as surgical procedure in patellar instability	Mayer, Cyril / Gougeon, François / Remy, Franck / Migaud, Henri / Pasquier, Gilles
1150	Comparative finding in total knee arthroplasty (TKA). navigated (NV) vs conventional (CV)	Romero Ballarín, Jesús Luis / Solis Tamargo, Eduardo
1155	Achilles allograft reconstruction for extensor mechanism failure in total knee arthroplasty	Jung, Kwang Am / Ong, Alvin / Orozco, Fabio / Delasotta, Lawrence
1173	Combination of measured resection technique and gap technique: a new concept of surgical technique in total knee arthroplasty.	Kaneyama, Ryutaku / Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Tamaki, Tatsuya / Xie, Jun / Akada, Takanori
1183	Rotational Mismatch of self-align Tibial component in Posterior-stabilized (PS) Total Knee Arthroplasty	Chotanaphuti, Thanainit / Choowong, Montri
1189	Short Term Results in Revision TKA Using Trabecular Metal (TM) Spacers and Impaction Grafting	Kendoff, Daniel / Schmitz, Christian / Klauser, Wolfgang
1197	Investigation of Anterior Cruciate Ligament Deficiency in Total Knee Arthroplasty	Xie, Jun / Kaneyama, Ryutaku / Shiratsuchi, Hideaki / Oinuma, Kazuhiro
1246	 Comparison of synovial fluid parameters after total knee replacement between cobalt-chrome/polyethylene and oxinium/polyethylene bearings. A prospective, randomized study.	Popescu, Dragos / Maculé, Francisco / Mendez, Ana / Lozano, Luis / Segur, Josep / Cuñé, Jordi / Filella, Xavier / Ares, Oscar



## Lower limb

No.	TITLE	AUTHORS
1273	Primary HA coated Genesis II Total Knee replacement in younger patients:Mid-term results of first known series	Voon, South / Mcnamara, Iain / Chitnavis, Jai / Cheung, Alex / Phillips, Steve
1280	A Method to Determine Torque in Creating Extension and Flexion Gaps in a Modified Gap Technique	Tanaka, Yasuhiro / Kobayashi, Masaki / Nozaki, Masahiro / Fukuoka, Shinichi / Hamaguchi, Hidetoshi
1292	Survival analysis of the Oxford Unicompartmental Knee Replacement at a mean of 7.9y (range 1-10y) with functional scores, from an independent district general hospital in the UK.	Edmondson, Mark / Atrey, Amit / East, Debra / Ellens, Nigel / Miles, Kim / Goddard, Richard / Apthorp, Huw / Butler-Manuel, Adrian <i>Selected within the best e-posters</i>
1306	Does Total Knee Arthroplasty lead to a significant volume change within the knee?	Davies, Benjamin / Davidson, Jerome / Treble, Nicholas
1321	Zirconium Femoral Prosthesis in the Profix Total Knee Replacement – Three Year Follow up Results	Thimmaiah, Ravindra / Santini, Alasdair / Davidson, John
1348	Extensor mechanism allograft reconstruction in TKA for ruptures or ankylosis	Manfredini, Luca / Baldini, Andrea / Indelli, Pierfrancesco / Traverso, Francesco
1395	In Vivo Kinematics of Rotating Plat Form Mobile-Bearing Total Knee Arthroplasty	Kurita, Masahiro / Tomita, Tetsuya / Fujii, Masakazu / Yamazaki, Yakaharu / Kunugiza, Yasuo / Futai, Kazuma / Shimizu, Norimasa / Kawashima, Kunihiko / Iwamoto, Keizi / Sugamoto, Kazuomi
1438	The Accuracy of Bone Resection Undertaken during Total Knee Arthroplasty	Davies, Benjamin / Latif, Amar / Kucheria, Rakesh
1463	The Anterior Bow of the Femur and its Influence on Femoral Component Placement	Kester, Mark / Leibowitz, Evan / Schmidt, Walter / Logan, Scott / Schinski, Jillian
1504	Impingement between the tibial component and the inferior pole of patella causing self limiting squeaking	Joshi, Yogesh / Sochart, David
1510	Avon patello-femoral joint arthroplasty at Alexandra hospital: a retrospective review 2004-2009	Maclean, Simon / Maclean, Simon / Bell, Karl
1571	Depression trochleoplasty for patellar instability: Results at mid-term follow-up about 20 consecutive cases	Boisrenoult, Philippe / Bessières, Charles / Beaufls, Philippe / Thaunat, Mathieu / Pujol, Nicolas
1580	Imageless computer assisted versus conventional total knee replacement. A meta-analysis of 23 comparative studies	Brin, Yaron / Nikolaou, Vassilios / Lawrence, Joseph / Zukor, David / Antoniou, John
1607	Adequacy of Anteroposterior Radiograph in isolation for Digital Templating in Total Knee Replacement	Dudhniwala, Abdul / Rath, Narendra / White, Simon
1706	Autologous Chondrocyte Transplantation with High Tibial Osteotomy	Picardo, Natasha / Dhinsa, Baljinder / Nawaz, Zuhair / Gallagher, Kieran / Whittingham Jones, Paul / Parratt, M / Briggs, Tim / Carrington, Richard / Skinner, John / Bentley, George
1794	Comparison of arthroscopic and MRI findings of chondral damage in knees	Dahill, Mark / Hughes, Adrian / Stevenson, Andrew / Williams, James
1812	A prospective randomized study of fixed versus mobile-bearing total knee arthroplasty: results of 160 prosthesis at minimal one year follow-up.	Lustig, Sebastien / Lomberger, Marie-Caroline / Elguindy, Ahmed / Demey, Guillaume / Servien, Elvire / Neyret, Philippe
1823	Review of Radiographs, retrieved Polyethylene inserts, and Op-notes of TKA revisions	Bragdon, Charles / Goldvasser, Dov / Marchie, Anthony / Doerner, Michael / Bragdon, Louisa / Malchau, Henrik / Weidenhielm, Lars

## Lower limb

No.	TITLE	AUTHORS
1827	The tibiofemoral contact point in knees with total knee arthroplasty.	León, Vicente / Lisón, Alonso / Hernández, César
1902	Posterior Dislocation of Meniscal bearing insert in Mobile bearing Unicompartmental Knee Arthroplasty mimicking Baker's cyst-A case report	Singh, Vinay / Balakrishnan, Saikrishna / Manjure, Sanjive
1930	PFC Sigma Cobalt Chrome Total Knee Arthroplasty: 3 year results	Mcilwain, Luke / Brenkel, Ivan / Clayton, Rob
1947	Rotational alignment of femoral component with computed-assisted surgery during knee arthroplasty.	Boisrenoult, Philippe / Michaut, Mathieur / Pujol, Nicolas / Abadie, Pierre / Galaud, Bertrand / Fallet, Laure / Berhouet, Julien / Beaufile, Philippe
1984	Limb alignment measurement for high tibial osteotomy with a navigation system: a comparative study	Boisrenoult, Philippe / Pujol, Nicolas / Chemama, Bruno / Amzallag, Julien / Oger, Philippe / Beaufile, Philippe
2042	Anthropometric Change of the Knee on MRI According to Age Group	Kang, Seung-Baik / Han, Hyuk-Soo / Lee, Dong-Nyoung
2043	Change of Posterior Condylar Offset after TKA Using Posterior Referencing System	Kang, Seung-Baik / Han, Hyuk-Soo / Lee, Dong-Nyoung
2046	Quantitative CT Assessment of Knee Implant Alignment using the Perth CT Protocol - Intra and Inter Reliability	Sloan, Karen / Beaver, Richard / Webb, James
2089	Prospective 5-8 years follow-up of the Scorpio TKR system, a single radius design.	Grimm, Bernd / Senden, Rachel / Meijers, Will / Van Der Linde, Mathijs / Heyligers, Ide
2091	The efficacy of image-free navigation system for total knee arthroplasty	Kamikawa, Koya / Toyone, Tomoaki / Watanabe, Atsuya / Ozawa, Tomoyuki / Matsuki, Keisuke / Wada, Yuichi
2139	Early Experience with Customised Patient Instrumentation in Knee Arthroplasty	Webb, James / Beaver, Richard / Harvie, Paul / Sloan, Karen
2175	Use of a semi-active system for femoral cuts in TKR.First results	Perrier, Jean-Pierre
2187	The management of extensive bone loss in primary and revision TKR.	Goncars, Valdis / Zebolds, Silvestris / Kalnberzs, Konstantins / Zommers, Ints
2248	Characterized Chondrocyte Implantation versus microfracture for the treatment of symptomatic cartilage defects of the kneeClinical results at 60 months follow-up	Almqvist, Karl Fredrik / Saris, Daniel / Vanlauwe, Johan / Victor, Jan / Bellemans, Johan / Verdonk, René / Luyten, Frank
2249	Correlation between localisation of 4° chondral lesions in knees and the clinical result after autologous chondrocyte transplantation (ACT)	Schäferhoff, Peter / Böttenberg, Boris / Dewitz, Hauke
2321	Mobile bearing plate dislocation in total knee arthroplasty due to muscle spasms: A case report	Löcherbach, Claus / Nicodème, Jean / Terrier, Alexandre / Jolles, Brigitte
2330	Does function correlate with alignment in total knee replacement? - the results of 1000 CT scans and functional follow up data	Webb, James / Beaver, Richard / Sloan, Karen
2350	Mosaicplasty: a good alternative for restoring focal chondral defects of the knee	Predescu, Vlad / Georgeanu, Vlad / Stoian, Valentin / Prescura, Catalin / Panait, Gheorghe / Cristea, Stefan
2362	Primary knee arthroplasty with revision implants.	Predescu, Vlad / Georgeanu, Vlad / Stoian, Valentin / Olaru, Razvan / Prescura, Catalin / Cristea, Stefan

## Lower limb

No.	TITLE	AUTHORS
2423	High early failure rate of a contemporary knee arthroplasty system	Mckenna, Rosaleen / Winter, Alison / Rooney, Brian / Leach, William
2444	Shorter postoperative hospital stay following total knee arthroplasty - a real reason to navigate?	Mckenna, Rosaleen / Latif, Aysha / Chambers, Max / Mcleery, Mark / Rooney, Brian / Leach, William
2492	Intramedullary knee spacer in 2-stage revision knee surgery: a new technique	Schröder, Henrik / Petersen, Michael
2525	Impact of the Posterior Cruciate Referencing Technique and Posterior Sloped Tibial Inserts on Cruciate-Retaining Total Knee Arthroplasty: Two Year Results	Covall, David / Stulberg, Bernard / Mabrey, Jay / Satusky, Mary Jo
2553	Patellar meniscus at revision knee arthroplasty	Quiiles, Manuel / Presmanes, Yolanda
2573	Proximal tibial opening-wedge osteotomy for varus gonarthrosis. A 10-year follow-up study about 134 knees	François, Benjamin / Viste, Anthony / Chouteau, Julien / Fessy, Michel-Henri / Moyen, Bernard
2601	Results of osteochondral autograft transfer - macroscopical and microscopical study	Badila, Adrian / Radulescu, Radu / Nutiu, Octavian / Manolescu, Robert / Nita, Cristian / Japie, Ionut / Ciobanu, Traian / Papuc, Alexandru / Serb, Dragos
2626	Effect of arthritis in the other compartments on the outcome after unicompartemental arthroplasty (Makoplasty)	Mofidi, Ali / Lou, Bo / Lang, Jason / Poehling, Gary / Jinnah, Riaz
2642	Assessment of accuracy of Robotic assisted unicompartemental arthroplasty (Makoplasty).	Mofidi, Ali / Lou, Bo / Conditt, Michael / Poehling, Gary / Jinnah, Riaz
2656	Comparison of TKA alignment using computer-assisted navigation (NaviTrack) versus conventional guiding systems, a randomised prospective study	Safarian, Human / Neumann, Wolfram
2669	Two year functional result comparing two different techniques of knee balancing with Computer navigated Mini-robot assisted Surgery- Is there a difference?	Singh, Vinay / Varkey, Ranjive / Trahan, Ravi / Raghavan, Ramakrishnan / Adhikari, Ajeya
2743	10 year results of a cruciate retaining implant for TKAAn observational prospective study	Mai, Sabine / Siebert, Werner
2788	Total knee arthroplasty replacement. Results after more than 5 years of implant.	Luque, Rafael / Urda, Antonio / Muiña, Ramón / Puente, Agustín / García-Crespo, Rodrigo / Marco, Fernando / Lopez-Duran, Luis
2839	Patellofemoral Relationship in New Total Knee Arthroplasty Designs	Indelli, Pier Francesco / Marcucci, Massimiliano / Baldini, Andrea
2886	Pre-operative assessment of patients proceeding to Unicompartemental Knee Replacement (UKR): X-rays vs. MRI	Mehmood, Shahid / Batta, Vineet / Gulati, Ashish / Pandit, Hemant / Bottomley, Nicholas / Gill, Harinderjit / Beard, David / Dodd, Christopher / Jackson, William / Murray, David / Price, Andrew
3134	Accuracy of coronal alignment in total knee replacement using the anatomical referencing method. A radiological study of 52 knee replacements.	Kantak, Avadhoot / Patnaik, Surendra / Tselentakis, George
3138	Comparison of the Minimally Invasive and Standard Medial Parapatellar Approaches for Primary Total Knee Arthroplasty: A Meta-analysis	Sukeik, Mohamed / Alcelik, Ilhan / Pollock, Raymond / Misra, Anand / Shah, Parag / Armstrong, Patrick / Dhebar, Mahesh / Haddad, Fares
3146	Surveillance audit of Next Gen Legacy Posterior Stabilised Flex TKR at 2 years	Bell, Stuart / Maclean, Angus

## Lower limb

No.	TITLE	AUTHORS
3164	Treatment of interior femoral condyle necrosis in varus knee with high tibial osteotomy in combination with mosaic type cartilage transplantation.	Salagiannis, Georgios / Sdrenias, Christos / Triantis, Petros / Giannoulis, Dionisios / Anagnostakos, Kostantinos / Christodoulou, Evangelos
3300	Initial stability of tibial components in primary TKA- a cadaver study comparing cemented and cementless fixation techniques	Skwara, Adrian / Figiel, Jens / Danek, Susanna / Fuchs Winkelmann, Susanne / Tibesku, Carsten / Paletta, Jürgen / Efe, Turgay
3318	Radiofrequency-based chondroplasty versus mechanical shaver debridement for treating partial thickness chondral lesions of the knee	Gergely, Istvan / Russu, Octav / Pop, Tudor / Zuh, Sandor / Zazgyva, Ancuta / Nagy, Ors

## Trauma

No.	TITLE	AUTHORS
<b>Trauma upper limb</b>		
166	Early results of a non-variable pitch compression screw used for scaphoid fracture fixation	Singisetti, Kiran / Middleton, Alan
235	Management of Trans Scaphoid Perilunate Dislocations Using a Volar Approach with Scaphoid Osteosynthesis and Temporary Arthrodesis	Pavic, Roman / Malovic, Mario
237	Operative Treatment of Isolated Capitellum Humeri Fractures Type I (Hahn Steintal)	Pavic, Roman / Malovic, Mario
281	Total elbow arthroplasty as treatment for distal humeral fractures in patients over 60 years old	Ducrot, Guillaume / Ducrot, Guillaume / Ehlinger, Matthieu / Adam, Philippe / Rahme, Michel / Bonnomet, François
393	A new procedure to treat the difficult distal radius fractures according to Kapandji's procedure (about a continuous series of 35 fractures).	Hoël, Gérard / Hoël, Gérard / Jaffar Bandjee, Zeinoul / Dargaï, Farouk / Andriamanday, Voanirina
480	The Essex-Lopresti lesion: a spectrum of injury	Duckworth, Andrew / Watson, Bruce / Walmsley, Phil / Will, Elizabeth / Petrisor, Brad / Court-Brown, Charles / McQueen, Margaret
522	Late collapse of Fractures of the distal radial : when should we decide immediate surgery	Myderrizi, Neritan <span style="float: right;">Selected within the best e-posters</span>
575	Fractures of the neck of the fifth metacarpal bone. Medium-term results in 25 cases treated by percutaneous transverse pinning	Potenza, Vito / Caterini, Roberto / Farsetti, Pasquale / Bisicchia, Salvatore / Catellani, Francesco / Ippolito, Ernesto
759	Clinical results of palmar plating for Distal Radius intra-articular Fractures with Polyaxial Locking Plate	Morita, Kozo / Horiuchi, Yukio / Ochi, Kensuke / Morita, Wataru
799	Minimally Invasive Osteosynthesis (MIO) for Asian Osteoporotic Distal Radius Fractures with Small Intramedullary Nail	Fukuta, Makoto / Fukuta, Makoto / Otsuka, Takanobu / Ota, Syuusuke / Kawaguchi, Youhei
800	Use of early Computed Tomography in the diagnosis of occult scaphoid fractures	Stevenson, Jonathan / Murugesan, Logendra / Srivastava, Subodh / Bhoora, Ishan
814	Review of proximal humeral fracture fixation with the PHILOS plate system in a District General Hospital	Murugesan, Logendra / Stevenson, Jonathan / Pavlou, George / Giebaly, Dia / Bhoora, Ishan

## Trauma

No.	TITLE	AUTHORS
1100	Use of zero position for reduction of acute dislocations and fracture dislocations of the shoulder.	Sharma, Hemant / Khandeparkar, Vivek / Ahmed, Naveed / Sharma, Ajay / Williams, Lisa / Lewis, Peter
1105	Intramedullary nailing for the treatment of the humeral head fractures with extension to the humeral shaft.	Katsenis, Dimitris / Katsenis, Dimitris / Begkas, Dimitrios / Stathopoulos, Alexandros / Papapavlou, Vaggelis / Schoinochoritis, Nikos / Pogiatzis, Kostas
1243	Scaphoid and lunare fractures associated to a distal radius fracture. An unusual case of palmar trans-scaphoid translunate dislocation	Carreño, Ana Maria / Ballesteros-betancourt, Jose Roberto / Prat-fabregat, Salvi / Domingo-trepat, Anna / Méndez-gil, Ana / Pons-diviu, Nuria / Camacho-carrasco, Pilar
1283	Open reduction and internal fixation of extra-articular comminuted distal humerus fractures by double plating osteosynthesis.	El Mahboub, Nehad / El Mahboub, Nehad / Eltohamy, Walid
1413	Fifteen cases of complex proximal interphalangeal joint fractures treated with a new and useful dynamic external fixator with distraction	Gouzou, Stephanie / Facca, Sybille / Korting, Oliver / Diaconu, Monica / Liverneaux, Philippe
1416	Neck fractures of the fifth metacarpal bone : locking plates or intramedullary K-wires? comparative study about 38 cases	Gouzou, Stephanie / Facca, Sybille / Diaconu, Monica / Pelissier, Alexandre / Liverneaux, Philippe
1539	Comparison of the clinical results of distal radius fractures treated with VCP plate with conventional implants	Vámhidy, László / Naumov, István
1550	Medium-term results after surgical treatment of proximal Humerus fractures with a locking proximal Humerus plate (LPHP, Fa. Synthes)	Theopold, Jan / Hepp, Pierre / Bauernfeld, Henning / Marquass, Bastian / Josten, Christoph
1566	Proximal humerus fractures, an injury to be faced with experience	Iriberrí Etxabeguren, Iker / Iriberrí Etxabeguren, Iker / Gabarra Torres, Margarita / Martínez Hornillos, Francisco / Del Valle Jou, Montserrat / Lobato Trenado, Sandra
1613	The Treatment of Acute and Chronic Acromioclavicular Joint Dislocations with a Modified Weaver-Dunn Procedure	Robinson, Simon / Ralte, Peter / Sinha, Apurv / Morapudi, Syam / Fischer, Jochen / Waseem, Mohammad
1626	Comparison between the use of external fixators or fixed-angle volar-locked plates in the treatment of intra-articular fractures of distal radius	Jorge Mora, Alberto Agustin / Cecilia López, David / Rodriguez Vega, Victor / Suárez Arias, Laura / Auñón Martin, Ismael / Resines Erasun, Carlos
1641	Comparative study of operative and non-operative management in 200 clavicle fractures	Singh, Rahul / Rambani, Rohit / Kanakaris, Nikolaos / Giannoudis, Peter
1652	Non-operative treatment of Mason type I fracture of the radial head or neck – A survey at a Level 1 Trauma Center	Moideen, Abdul Nazeer / Kotwal, Rahul / Mohanty, Kitish
1764	Non bridging hybrid Ilizarov fixator in the management of unstable distal radius fractures	Matzaroglou, Charalampos / Athanaselis, Efstratios / Danilkin, Michael / Evangelou, Kostantinos / Anagnostou, Kostantinos / Kouzelis, Antonios / Saridis, Alkis
1901	Distal radial fracture: up to 2 year follow up with a new non-bridging external fixation technique	Potestio, Domenico / Theodorakis, E / Laurenti, Filippo
1909	Fastform: New era in immobilization of upper limb fractures	Al Khudairy, Ammar / Hirpara, Kieran / Quinlan, John
1936	New type of acromioclavicular luxation? About one case.	Abat, Ferran / Gelber, Pablo / Colomina, Jordi / Carrera, Ion / Alvarez, Carles / Gomez, Mireia / Natera, Luis / Sarasquete, Juan

Trauma

No.	TITLE	AUTHORS
1976	Internal Fixation and Radiological Outcome of Distal Radius Fracture	Boyce, Lenetta / Cheong, Hon / Ballester, Jordi
1989	The Impact of Not Manipulating Distal Radius Fractures in The Accident and Emergency Department.	Jeavons, Richard / Downen, Daniel / Green, Stephen / O'brien, Shaun
1998	Can any objective measurement(s) provide a satisfactory measure of patient perception of function?	Mccullough, Louise / Carnegie, Carol / Christie, Eva / Johnstone, Alan
2075	Clinical results of internal fixation of displaced proximal humeral fractures with the PHILOS locking plate	Eajazi, Alireza / Norouzi, Masoud / Hemmati Komasi, Mehdi / Sharifzadeh, Seyyed Reza / Shahrezaei, Mostafa / Naderi, Mohammad Nasir
2215	Radial Head Fractures in Complex Elbow Injuries	Psychoyios, Vasilios / Thoma, Sofia / Bogiopoulos, Andreas / Annis, Prokopios
2359	The use of PHN for proximal humeral fractures: anatomical and functional study of the postoperative outcome	Tsitsilonis, Serafim / Wichlas, Florian
2370	Levels of complications after surgical treatment of distal radius fractures in osteoporotic bone. Results of a multicenter study with one year follow-up.	Rikli, Daniel / Voigt, Christine / Platz, Andreas / Babst, Reto / Merng Koon, Wong / Schaser, Klaus / Stöckle, Ulrich / Lauri, Giulio / Tanzer, Karin / Majewski, Martin / Käch, Kurt
2371	The closed reduction of the distal radius fractures	Wichlas, Florian / Tsitsilonis, Serafim / Haas, Norbert
2399	Early versus delayed mobilization of minimally displaced radial head fractures. A prospective randomized controlled study.	Paschos, Nikolaos / Mitsionis, Grigorios / Vasiliadis, Haris / Gelalis, Ioannis / Georgoulis, Anastasios
2404	Investigating Occult fractures of the scaphoid- Is there a need for paradigm shift?	Shetty, Sanath Kumar / Singh, Ashok / Siddharthan, Sujit / Jacob, Jagan / Balasundaram, Ramesh
2635	Results of the surgical treatment of proximal humeral fractures with primary hemiarthroplasty	Balaguer Andrés, Jaume / Juste Díaz, Jorge / Bertó Martí, Xavier / Estrems Díaz, Vicente / Sanchis Amat, Raquel / Bru Pomer, Antonio
2664	Outcome following hemiarthroplasty for three or four part proximal humeral fractures	Changulani, Manish / Johnson, Alistair / Burton, David
2702	The role of MRI in the diagnosis of wrist fractures	Sylvest, Annette / Ahmad, Wail / König, Merete / Holm, Ole / Sylvest, Annette
2708	Injury of acromio-clavicular joint treated with hook plate	Tzachev, Nedelcho / Baltov, Asen / Zlatev, Borislav / Iotov, Andrey
2786	Proximal humeral fractures: surgical treatment with philos plate.	Cabanes Ferrer, Isabel / Estrems Díaz, Vicente / Martorell Matoses, Salvador
2821	Metacarpal and digit stumps lengthening by the use of Ilizarov mini external fixator	Matzaroglou, Charalampos / Athanaselis, Efstratios / Danilkin, Michael / Diamantakis, Georgios / Evangelou, Kostantinos / Anagnostou, Kostantinos / Saridis, Alkis
2901	Clavicular Locking Plates: How do we actually use them?	Johnstone, Alan / Halas, Rebecca / Karrupiah, Saravana
2953	Distal humerus fractures in the elderly – comparing operative and non operative treatment in a matched cohort	Srinivas, Shreya / Kakkur, Rahul / Ellis, Claire / Pratt, Roland
2971	Skyline view of the Distal radius	Shetty, Sanath Kumar / Jacob, Jagan / Clay, Nigel



## Trauma

No.	TITLE	AUTHORS
3031	Nonoperative management of closed displaced mid-shaft clavicle fractures based on a review of 100 consecutive cases	Nanni, Matteo / Leonetti, Danilo / Acri, Francesco / Miscione, Maria Teresa / Chehrassan, Mohammadreza / Persiani, Valentina / Capra, Paola / Galante, Claudio / Bonomo, Marco / Pagkrati, Stavroula / Faldini, Cesare / Giannini, Sandro
3070	Displaced 3-part proximal humeral fractures treated with retrograde halder humeral nail.	Brooke, Ben / Kadakia, Anish / Halder, Subhash
3081	Locked Nail Osteosynthesis in Forearm Fractures	Friedl, Wilhelm / Spalteholz, Mathias / Gehr, Jonas
3238	Management of grade III Acromioclavicular Joint dislocation using arthroscopic tight rope fixation	Dabis, John / Chakravarthy, Jagganath / Kalogrianitis, Socrates
3259	Mutilating Hand Injuries - Immediate or Early One-Stage Reconstruction of All Damaged Structures vs Staged Reconstruction	Bumbasirevic, Marko / Lesic, Aleksandar / Vuckovic, Cedo / Manojlovic, Radovan / Andjelkovic, Sladjana / Palibrk, Tomislav / Milutinovic, Suzana
3279	Minimal invasive treatment of proximal humeral fractures in elderly patients	Bogner, Robert / Lederer, Stefan / Auffarth, Alexander / Karpik, Stefanie / Resch, Herbert
3288	Intra-articular distal radial fractures with 90° or 180° twisted lunate facet. Study of 4 cases : advantages of a volar medial approach.	Uzel, Andre-Pierre / Tchero, Huidi / Rouvillain, Jean
3362	Functional Outcome following PHILOS plate fixation in proximal humeral fractures after 11-57 months follow-up	Edwards, Cleo-Daimaris / Edwards, Cleo-Daimaris / De Loos, Erik / Van Hemert, Wouter / Meesters, Berry / Grimm, Bernd / Hustinx, Paul
3426	Ligamentous injuries in distal radial fractures. Is there an association between the radiographic pattern and arthroscopic findings?	Aliaga Sáenz, José Andrés / Caloia, Martín / Gonzalez Scotti, Diego / Piazza, Diego
3435	Is it possible to both simplify and improve the quality of the information that we obtain from subjective scoring systems? Lessons learnt from a cohort of wrist fracture patients	Johnstone, Alan / Carnegie, Carol

## Trauma lower limb

35	Postoperative screening of hip hemiarthroplasties in theatre.	Mounsey, Emily / Riley, Tom / Blake, Steve
38	Osteosynthesis of distal femoral fractures by locking compression plates	Ehlinger, Matthieu / Ehlinger, Matthieu / Adam, Philippe / Abane, Lamine / Rahmé, Michel / Bonnet, Francois
39	Osteosynthesis by locking compression plate for periprosthetic fractures of the distal femur after knee arthroplasty	Ehlinger, Matthieu / Ehlinger, Matthieu / Adam, Philippe / Rahmé, Michel / Bonnet, Francois
40	Use of locking compression plate for treatment of extra-articular fractures of the distal tibia. Evaluation of mini-invasive surgery and immediate full weight bearing rehabilitation	Ehlinger, Matthieu / Ehlinger, Matthieu / Adam, Philippe / Rahmé, Michel / Bonnet, Francois
93	Use of on-table Image Intensifier Imaging following Hip Hemiarthroplasty	Maggs, Joanna / McConnell, David / Giles, Nigel
160	Therapeutic management of occult hip fractures	Deleanu, Bogdan
168	Results of Proximal Femoral Nail Antirotation (PFNA) in pertrochanteric hip fractures	Singiseti, Kiran / Cooke, Nicholas

## Trauma

No.	TITLE	AUTHORS
259	The Operative Treatment using Porous Hydroxyapatite for Joint Depressive Calcaneal Fractures	Cho, Byung Ki / Kim, Yong Min
300	Superior functional results can be obtained treating displaced intracapsular hip fractures with modern metaphyseal fit uncemented hemiarthroplasty	Pastides, Philip / Hanny, Anwar / Woods, Lara / Haddo, Omar / Saksena, Joyti
356	Total knee arthroplasty for the treatment of complex fractures of the tibial plateau in the elderly	Christofilopoulos, Panayiotis / Lädemann, Alexandre / Roussos, Constantinos / Stern, Richard / Peter, Robin
398	Vascular Reconstruction in lower Extremity Trauma	Cohnert, Tina / Koter, Stephan / Konstantiniuk, Peter / Fruhmann, Johanna / Schweiger, Stefan / Baumann, Anneliese
569	Which drill is best for ankle fracture fixation?	Fawdington, Ross / Kuiper, Jan / Johnson, Benjamin / Turner, Robert
615	Operative treatment of comminuted distal femoral fractures	Kraevsky, Pavel / Liliyanov, Danail / Baltov, Asen / Tzachev, Nedelcho / Zlatev, Borislav / Ivanov, Vladimir / Iotov, Andrey
705	Outcome of Percutaneous Repair of Achilles Tendon Ruptures.	Karampinas, Panagiotis / Vlamis, John / Benetos, Ioannis / Eyaggelopoulos, Dimitrios / Kavroydakis, Eustratios / Nikolopoulos, Konstantinos
714	The importance of age in the elderly hip fracture patients. A 2000-2009 study.	Ranera, Miguel / Gómez, Jesus / Albareda, Jorge / Hualde, Ana / Nicolau, Francisco Javier / Torres, Antonio / Estella, Ruben
716	Epidemiology of Hip fracture: Age groups results between 2000-2009.	Ranera, Miguel / Gómez, Jesus / Albareda, Jorge / Val, Sami / Estella, Ruben / Blanco, Nieves / Castillo, Andres / Palacio, Jessica
719	The influence of gender in the elderly hip fracture patients. A 2000-2009 study.	Ranera, Miguel / Hualde, Ana / Gómez, Jesus / Torres, Antonio / Corella, Eduardo / Ezquerro, Laura / Del Bosque, Antonio / Albareda, Jorge
733	Femoral fractures below a pre-existing Dynamic Hip Screw in the elderly: An emerging challenge.	Iyengar, K / Nadkarni, Jayant / Leong, Wei
829	Total hip arthroplasty after previous acetabulum fracture fixation	Siavashi, Babak / Savadkoobi, Dariush
885	 Diabetes mellitus and hip fracture; a study of 5966 cases	Norris, Rory / Parker, Martyn
886	 Occurrence of secondary fracture around intramedullary nails used for trochanteric hip fractures; a systematic review of 13,568 patients.	Norris, Rory / Bhattacharjee, Dhritiman / Parker, Martyn
899	Displaced femoral neck fracture in the elderly. Treatment with a dual mobility cup total hip arthroplasty in a prospective, systematic, multicenter study.	Adam, Philippe / Roche, Olivier / Ehlinger, Matthieu / Philippe, Richard / Molé, Daniel / Bonnet, François / Fessy, Michel-Henri
939	Therapy of articular tibial head fractures without grafts. Results after 4 to 6 years	Ahrberg, Annette / Josten, Christoph
966	Subtrochanteric and Diaphyseal Femoral Stress Fractures after prolonged biphosphonate therapy: Revision of 8 cases.	Méndez-gil, Ana / Cuñé-sala, Jordi / Prat-fabregat, Salvi / Navarro, Margarita / Domingo-trepat, Anna / Zumbado-dijeres, Alonso / Camacho-carrasco, Pilar / García, Elvira Ruben / Ballesteros-betancourt, José Roberto / Rios-martin, Moises / Carreño-delgado, Ana / García-tarriño, Raquel / Suso, Santiago
982	Management and Outcomes of Compound Lower Limb Injuries at a Regional Trauma Centre (West Midlands, UK)	Edge, Antonia / Morley, David / Peart, Francis



## Trauma

No.	TITLE	AUTHORS
1025	Intramedullary Gamma 3 nail versus Dynamic Hip Screw: which is the most secure surgical method for treatment of trochanteric osteoporotic femoral fractures?	Kastanis, Grigorios / Arealis, George / Manolarakis, George / Solidakis, Nikolaos
1074	Fracture of the anteromedial tibial plateau associated with posterolateral complex injury.	Conesa, Xavier / Minguell, Joan / Cortina, Josep / Castellet, Enric / Carrera, Lluís / Nardi, Joan / Novell, Josep / Cáceres Palou, Enric
1086	Staged Complete Dynamisation of the Ilizarov Fixator - The Chertsey Experience	Jeyaseelan, Luckshmana / Jabbar, Yaser / Khaleel, A
1186	Delayed flap coverage of open extremity fractures after previous negative pressure wound closure therapy	Park, Kichul / Park, Yesoo
1187	A comparison between Minimally Invasive Plate Osteosynthesis and Interlocking Intramedullary Nailing in Distal Tibia Fractures	Park, Kichul / Park, Yesoo
1190	Minimally invasive plate osteosynthesis(MIPO) in the treatment of the femoral diaphyseal fractures	Oh, Hyoung Keun / Choo, Suk Kyu / Kim, Jung Jae / Kim, Ji Wan / Kim, Jong In
1275	CT Evaluation of Apparent Isolated Fracture of the Greater Trochanter	Kim, Hee Joong / Kim, Juyoung / Yoo, Jeong Joon / Koo, Kyung-Hoi / Yoon, Kang Sup / Suh, Kuen Tak
1331	Femoral statically locked intramedullary nails: The role of dynamization as a treatment option	Papakostidis, Kostas / Psyllakis, John / Morell, Daniel / Kanakaris, Nikolaos / Giannoudis, Peter
1380	Subtrochanteric non-unions secondary to failed Gamma nails treated with the diamond concept	Ahmad, Mudassar / Kanakaris, Nik / Giannoudis, Peter
1394	The Radiological Results of Lateral Locked Plating in Proximal Tibial Fractures	Morris, Stephen / Chesser, Timothy
1494	Costs after the hip fracture, comparison of three rehabilitation modalities	Harmainen, Samppa / Leppilahti, Juhana / Ristiniemi, Jukka / Jalovaara, Pekka <span style="float: right;">Selected within the best e-posters</span>
1522	Minimally Invasive Percutaneous Plating in Distal Femoral Fractures.The Experience in a Spanish Level I Trauma Center.	Almodovar Delgado, Juan Antonio / Justo Astorgano, Cristina / Pérez Fernández, Santiago / Gandía Correa, Antonio / Piacente Maceroni, Juan Carlos / Olaguibel Moret, Joaquín
1532	The impact of comorbidities in elderly patients with hip fracture: a survey of experts' opinions	Hoang-Kim, Amy / Naglie, Gary / Busse, Jason / Groll, Dianne / Schemitsch, Emil
1553	Salvage of failed fixation in trochanteric fractures , experience with variable angle dynamic screw-plate (DMS).	Torres Campos, Antonio / Estella Nonay, Ruben / Ranera Garcia, Miguel / Castillo Palacios, Andres / Blanco Rubio, Nieves / Ezquerra Herrando, Laura / Corella Abenia, Eduardo
1556	Mini invasive plates versus conventional double plates in tibial plateau fractures: indications and results	Clerici Bagozzi, Federico / De Biase, Carlo Felice / D'imperio, Fernando / Carfagni, Alfredo
1557	Infection Rate in Cemented Versus Uncemented Thompson's Hemiarthroplasty	Cousins, Gerard / Nassif, Manhal
1600	Femoral Malrotation Following Intramedullary Nailing in Bilateral Femoral Shaft Fractures	Citak, Mustafa / Suero, Eduardo / O'loughlin, Padhraig / Arvani, Mussa / Hüfner, Tobias / Krettek, Christian / Citak, Musa
1606	Polyaxial locked plate. A good treatment option in proximal tibial fractures	Moldovan, Radu / Jordan, Marcos / Almenara, Marta / Buezo, Oscar / Abat, Ferran / Alvarez, Carlos / Gonzalez, Jose / Aguilera, Xavier / Gelber, Pablo / Monllau, Joan / Celaya, Fernando
1651	Do patient restrictions prevent dislocation after hemiarthroplasty treatment of femoral neck fractures?	Rogmark, Cecilia / Nilsson, Inger / Dahlqvist, Louise / Arvidsson, Cecilia / Staaf, Agneta / Leonardsson, Olof / Akesson, Kristina

## Trauma

No.	TITLE	AUTHORS
1695	Short term results from a cemented polished tapered stem modular hemiarthroplasty	Sullivan, Niall / Hughes, Andrew / Halliday, Ruth / Ward, Abigail / Chesser, Tim
1753	Primary total knee arthroplasty for proximal tibia plateau fractures in elderly and osteoarthritic patients	Scheerlinck, Thierry / Vermeire, Jan
1778	Stabilisation of distal femoral fractures with a polyaxial locking plating system: Indications and pitfalls	Ahmad, Mudassar / Delli-Sante, Emilio / Kanakaris, Nik / Giannoudis, Peter
1853	Results of cephalomedullary nailing of reverse oblique intertrochanteric femoral fractures.	Moideen, Abdul Nazeer / Kotwal, Rahul / Jones, Stephen
1861	Unipolar Austin-Moore hemiarthroplasty for displaced intracapsular femoral neck fractures in mentally impaired elderly patients	Buttaro, Martin / Albergo, Ignacio / Barros, Hugo / Comba, Fernando / Piccaluga, Francisco
1893	Intra-operative ultrasonography in the percutaneous tenorrhaphy of acute Achilles tendon ruptures	Lacoste, Sophie / Cherrier, Bertrand / Lacoste, Sophie / Féron, Jean Marc
1948	Treatment of distal femoral fractures by retrograde intramedullary nailing with arthroscopic assistance	Díaz, Ramiro / Ananía, Andrés / Zancolli, Eduardo / Gonzalez, Hugo / Bello, Daniel / Sabatella, Carlos
2008	Is It Appropriate To pre-operatively template for a DHS?A.B. Sabir, N.A. SiddiquiDepartment of Orthopaedics, Basildon & Thurrock University Hospitals NHS Trust	Sabir, Ahmed / Siddiqui, Nashat
2013	The management of pre-operative troponin rise in fracture neck of femur patients.	Bhattacharyya, Rahul / Keress, Jim / Sharma, Kavita / Kocheta, Alex
2032	Cephalomedullary nails in the treatment of unstable intertrochanteric hip fractures	Díaz, Ramiro / Ananía, Andrés / Zancolli, Eduardo / Huerta Escandón, Daniel / Sabatella, Carlos
2055	Conversion Rate to Total Hip Replacement after Bipolar Arthroplasty for Hip Fracture	Alazzawi, Sulaiman / Sprenger De Rover, Walter / Brown, James / Davis, Ben
2066	Guidelines for Neck of Femur Fracture Management	Pastides, Philip / Bagga, Ajeet / Tulloch, Isabel / Faircloth, Sofia / Sra, Harminder / Tibrewal, Saket / Gulati, Vivek / Andrews, Julie
2069	Minimally invasive plate osteosynthesis of metaphyseal distal tibia fractures	Clerici Bagozzi, Federico / De Biase, Carlo Felice / D'imperio, Fernando / Carfagni, Alfredo
2178	Influences on the outcome of periprosthetic fractures of the lower extremities	Von Dercks, Nikolaus / Gassmann, Sarah / Marquass, Bastian / Hepp, Pierre / Josten, Christoph
2195	The outcome and cost analysis of the management of patients with tibial fractures non-union using Taylor Spatial Frame	Khunda, Aiman / Al-Maiyah, Mohammed / Montgomery, Richard
2245	Incidence of hip fractures in the population of Belgrade, 2000-2009 - an increasing problem	Lestic, Aleksandar / Denic-Markovic, Ljiljana / Bumbasirevic, Marko
2279	Intramedullary kirschner wires versus internal fixation with low profile plates for the treatment unstable metatarsal fractures.	Kastanis, Grigorios / Arealis, George / Manolarakis, George / Fragiadaki, Despina / Solidakis, Nikolaos
2281	Outcomes of rigid biological fixation by minimally invasive locked plate osteosynthesis in lower extremity long bone fractures	Güven, Melih / Ceviz, Emrah / Akan, Kaya / Akman, Budak / Poyanli, Oguz / Ipek, Serdar / Kara, Sadullah

## Trauma

No.	TITLE	AUTHORS
2336	The percutaneous compression plate (PC.C.P.) in the treatment of trochanteric fractures: functional recovery and mortality at 1 year. A multicenter study.	Antonini, Guido / Giancola, Rinaldo / Pietrogrande, Luca / Berruti, Daniele / Bianchiotti, Elio / Greco, Pasquale / Pecchia, Piero / Rapali, Stefano / Tumino, Andrea
2366	Early Results using a new Hip Hemiarthroplasty System with cemented/cementless intra-operative options:(Arcad Hemiarthroplasty System)	Taylor, Clare / Cundall-Curry, Duncan / Keenan, Jonathan
2407	Prospective randomised controlled trial comparing cortical screw and tightrope fixation in acute syndesmosis injuries of the ankle joint – early results.	Kotwal, Rahul / Paringe, Vishall / Rath, Nk / Lyons, Kathleen / Thomas, Rhys
2446	Short proximal femoral nail antirotation vs. Dynamic hip screw for unstable trochanteric fractures	Garg, Bhavuk / Kumar, Vijay / Malhotra, Rajesh
2510	Periprosthetic Fractures of the Femur Treatment by Polyaxial Locked Implants	Wilde, Erik / Wilde, Erik / Heinrichs, Gerhard / Thietje, Roland / Paech, Andreas / Schulz, Arndt Peter
2514	Peri-prosthetic fractures in uncemented hip hemiarthroplasty (Austin-Moore) – DGH analysis of predisposition and suggestions for patient selection in future. Royal Alexandra Hospital, Paisley. UK	Baird, Emily / Spence, Stephanie / Ayana, Gamada
2548	Functional Outcome after Open Reduction and Internal Fixation of Tibial Pilon Fractures	Utkan, Ali / Tümmöz, Mehmet / Baser, Yavuz / Köse, Cem / Ciliz, Asim / Uludag, Mehmet
2604	Locked intramedullary nailing and plate-screw fixation in the treatment of tibial diaphysis fractures	Pop, Alexandru / Fruja, Dan
2615	Total hip arthroplasty versus hemiarthroplasty in displaced femoral neck fractures	Radulescu, Radu / Badila, Adrian / Nutiu, Octavian / Nita, Cristian / Manolescu, Robert / Ciobanu, Traian / Japie, Ionut / Papuc, Alexandru / Radulescu, Dragos
2649	The role of supplemental lag screw in correlation with monolateral external fixator in open tibial fractures	Papanastopoulos, Konstandinos / Krithymos, Thomas / Myriokefalitakis, Emmanuel / Kateros, Konstantinos
2663	Long term results after tibial shaft fractures treated with intramedullary nailing	Pop, Alexandru / Fruja, Dan
2782	Osteosynthesis with LCP proximal femur plate – First results and failure analysis	Wirtz, Christian / Kohl, Sandro / Siebenrock, Klaus A. / Krueger, Andreas
2789	Treatment of articular and extraarticular fractures of the distal tibia with locking plates. Looking for secondary displacements.	Adam, Philippe / Ehlinger, Matthieu / Maire, Nicolas / Bonnet, François
3033	A Biomechanical study comparing the dynamic hip screw with an X-Bolt in an unstable intertrochanteric fracture model of the proximal femur.	Gibson, Dessie / Devlin, Eoin / Morris, Seamus
3074	Operative treatment of hip fractures in geriatric population	Kaftandziev, Igor / Kaftandziev, Igor / Saveski, Jordan / Trpeski, Simon
3127	Outcome of dynamic hip screw fixation for intertrochanteric fracture in patients aged less than sixty five years.	Moideen, Abdul Nazeer / Kotwal, Rahul / Jones, Stephen
3137	Ankle Fractures: is that lag screw necessary?	Sidharthan, Sujith / Jarvis, Andrew
3156	Treatment of tibial shaft fractures treated by two different modalities	Gulati, A / Batta, V / Dwyer, A / Prakash, J / John, B / Mam, M

Trauma

No.	TITLE	AUTHORS
3179	Ilizarov external fixators in a district general hospital, is it viable?	Lord, Breck / Lord, Breck / Mcandrew, Andrew
3198	The Factors Affecting Closed Reduction Time in the Treatment of the Femoral Diaphysial Fracture with Intramedullary Nailing	Yildirim, Ozgur / Oken, Fuad / Gulcek, Murat / Kati, Alper / Ucaner, Ahmet
3250	Tibial segmental bone defect reconstruction by Ilizarov type bone transport in an induced membrane	Uzel, Andre-Pierre / Lemonne, François / Casoli, Vincent
3327	Is the Sliding Hip Screw an option in the treatment of AO/OTA type A3 and subtrochanteric fractures? Results from a prospective randomized multicentre trial.	Matre, Kjell / Vinje, Tarjei / Havelin, Leif Ivar / Gjertsen, Jan Erik / Furnes, Ove / Espehaug, Birgitte / Fevang, Jonas
3335	Comparative analysis of Exeter Trauma Stem Hip hemiarthroplasty with Logic mono-block Hemiarthroplasty stem: A surgeon satisfaction survey.	Paringe, Vishal / Brown, Chris / Khurana, Ashish / Mohanty, Khitish

Polytrauma / Pelvis

338	Percutaneous Anterior Osteosynthesis in Pelvis with Rotational Inestability	Giraldez-Sanchez, Miguel / Belascoain-Benitez, Eduardo / Cano-Luis, Pedro / Tejero-Garcia, Sergio / Garcia-Parra, Pablo / Huerta-Hidalgo, Jose Damian / Martinez-Reina, Javier
412	Clinicopathogenetic aspects of systemic inflammatory response development in polytrauma	Agadzhanian, Vagram / Ustyantseva, Irina / Khokhlova, Olga / Petukhova, Olga
414	Evaluation of clinical and prognostic significance of SIRS criteria in sepsis progression in polytrauma	Agadzhanian, Vagram / Ustyantseva, Irina / Khokhlova, Olga / Petukhova, Olga <span style="float: right;">Selected within the best e-posters</span>
722	Treatment of acetabular fractures in patients les and more than 50 years old:Place of T.H.A.	Abrassart, Sophie / Abrassart, Sophie / Hoffmeyer, Pierre / Peter, Robin
768	?he mechanism of the injury in the management of pelvic fractures.	Papasotiriou, Antonios / Anastasiou, Ioannis / Mavroeidis, Panagiotis / Baxevanos, Nikolaos / Konstas, Athanasios / Prevezas, Nikolaos
848	Trochanteric flip osteotomy as a treatment option for selected acetabular and femoral head fractures.	Louverdis, Dionysios / Antypas, Georgios / Mavroeides, Panagiotis / Konstas, Athanasios / Prevezas, Nickolaos
873	Clinical aspects and outcomes of straddle pelvic fractures	Kanakaris, Nikolaos / Morell, Daniel / Gudipati, Suribabu / Giannoudis, Peter
938	Outcome assessment of traumatic posterior dislocation of the hip and concomitant acetabular fracture: comparison of operative versus nonoperative approach for acetabular fracture	Mehdi Nasab, Seyed Abdolhossein / Sarrafan, Nasser / Seyedi, Seid Mohammad
1027	Chest trauma and femoral shaft fracture: The impact of chest injury severity on outcome.	Tan, Hiang Boon / Bone, Lawrence / Giannoudis, Peter
1030	Patients in an unstable/extremis physiological state with femoral shaft fractures: An analysis of outcomes.	Tan, Hiang Boon / Giannoudis, Peter / Soni, Ashish / Kanakaris, Nikolaos / Pape, Hans
1230	Pelvic fractures and angiographic evaluation, analysis of 32 patients	Tan, Hiang Boon / Karadimas, Efthimios / Kakagia, Despoina / Kanakaris, Nikolaos / Giannoudis, Peter
1261	Analysis of a New Scoring System for Multiple Trauma Patients with Multi-System Injuries	Orhun, Haldun / Gurkan, Volkan / Dursun, Muhsin / Sarioglu, Ender / Sur, Haydar
1501	Floppy positioning of the patient for treatment of severe acetabular fractures and revision arthroplasty of the hip	Büchler, Lorenz / Bastian, Johannes / Siebenrock, Klaus A. / Keel, Marius

## Trauma

No.	TITLE	AUTHORS
1560	Percutaneous screw fixation in the pelvic fracture treatment	Naumov, István / Várhidy, László / Wiegand, Norbert / Bukovecz, Tibor / Patczai, Balázs / Mintál, Tibor
1656	Biomechanical comparison of posterior acetabular wall fracture fixation.	Pease, Felicity / Sabri, Omar / Ward, Anthony / Cunningham, James
1951	Surgical treatment of acetabular fractures: results and predictors of outcome	Estrems Díaz, Vicente / Hernandez Ferrando, Lorenzo / Balaguer Andres, Jaume
2322	Open pelvic fractures with colonic or anorectal injury: implications and clinical results of faecal diversion.	Mouzopoulos, George / Dimitriou, Rozalia / Ambrose, Simon / Giannoudis, Peter
2590	Does osteosynthesis of the rib decreases mortality and morbidity in flail chest patients - early clinical results and systematic review of the literature	Nijs, Stefaan / Govaerts, Kim
3024	Erect chest radiograph in the setting of the acute abdomen: Essential tool or waste of resources and unnecessary?	Sprenger De Rover, Walter / Alazzawi, Sulaiman / Morris-Stiff, G / Lewis, Michael
3230	Role of whole body CT scan in the evaluation of polytrauma patients.	Karuppaiah, Karthik / Baker, Paul / Han, Kyee / Hui, Anthony

## Paediatrics

No.	TITLE	AUTHORS
49	Reducing image intensifier times in elastic stable intramedullary nailing in paediatric diaphyseal forearm fractures	Heidari, Nima / Eberl, Robert / Wiklicky, Sebastian / Evers, Katrina / Weinberg, Annelie
189	Parental satisfaction with waiting times in paediatric orthopaedic surgery	Mariathas, Chrisan / Williams, Geraint / Pattison, Giles / Lazar, Joanna / Rashied, Muhammad <a href="#">Selected within the best e-posters</a>
190	Do shorter waiting times for elective paediatric orthopaedic surgery result in greater parental satisfaction?	Mariathas, Chrisan / Williams, Geraint / Pattison, Giles / Lazar, Joanna / Rashied, Muhammad <a href="#">Selected within the best e-posters</a>
226	Our modification of Grice extra-articular arthrodesis of the subtalar joint aimed at solving of graft related problems	Abramovic, Dusan / Vidosavljevic, Marko / Ducic, Sinisa / Bukva, Bojan / Radlovic, Vladimir
231	Sledging Related Injuries Within A Dedicated Sledging Area Presenting To A Pre-Hospital Clinic.	Hill, Daniel / Carlile, Graeme / Regan, Michael / Deorian, Dinesh
248	In-vivo gastrocnemius muscle architectural differences between cerebral palsy and normally developing children	Choudhry, Muhammad / Khan, Tahir
353	Patellar dislocation in children	Fokter, Samo / Strahovnik, Andrej / Fokter, Nina
363	3D Correction of Posttraumatic Supracondylar Axial Deviations	Kraus, Tanja / Linhart, Wolfgang
518	Audit of the management of paediatric distal radius fractures in an Emergency Department	Goudie, Stuart / Moller, Jean
549	Are measuring plastering indices a useful tool in predicting re-displacement of paediatric distal radial fractures post manipulation and casting?	Kothari, Alpesh / Lota, Amrit
1036	Analgesia in Paediatric Femoral Fractures	Nicol, Graeme / Dalgleish, Stephen / Campbell, Donald

## Paediatrics

No.	TITLE	AUTHORS
1135	Lateral Condyle Non-Union In The Paediatric Elbow – A Minimally Invasive Surgical Technique	Knight, Dominique / Alves, Cristina / Alman, Benjamin / Howard, Andrew
1170	A novel surgical technique in management of Simple Bone Cysts	Zaghloul, Ahmed / Young, Lora / Tucker, John Keith
1178	Outcomes of partial knee meniscectomy in adolescents	Figuroa, David / Calvo, Rafael / Vaisman, Alex / Alday, Claudia / Melean, Patricio
1239	A review of reported litigation against English Health Trusts for treatment of children in orthopaedics: present trends and suggestions to reduce mistakes	Atrey, Amit / Nicolaou, Nicholas / Katchburian, Marcos
1263	Ferguson s medial approach in infants with developmental dysplasia of the hip	Ducic, Sinisa / Majstorovic, Marko / Bizic, Marta / Brdar, Radivoj / Abramovic, Dusan / Vidosavljevic, Marko / Bukva, Bojan / Radlovic, Vladimir
1603	Ankle arthrodesis with vascularized fibular graft for surgical treatment of distal tibial tumors in children	Bin, Kim / Bin, Kim / Accadbled, Franck / Launay, Franck / Abid, Abdelaziz / Legré, Régis / Sales De Gauzy, Jérôme / Jouve, Jean-Luc / Bollini, Gérard
1852	Septic arthritis of the hip in children	Bytyqi, Cen / Qorraj, Hasime / Morina, Faton / Poposka, Anastasika / Pustina, Agron
1857	Paediatric Forearm Fractures in the West of Scotland	Bell, Stuart / Mclaughlin, Danny / Huntley, Jim
2138	Congenital Radial Club Hand Type IV; Mono-plane Lengthening, After Previous Wrist Centralization.	Allam, Ahmad
2155	Management of neglected and relapsed talipes equinovarus using a simplified external fixator	Allam, Ahmad / Elbigawy, Hosam / Montaser, Mohammad / Mohamady, Elsaied / Abostate, Mamdouh / El-Gazzar, Amr
2165	Is stabilization of distal tibio-fibular syndesmosis necessary in correction of Blount's disease ?	Parkar, Asif / Parkar, Asif / Pennington, Richard / Abhishetty, Naveen / Lahoti, Om
2450	The Triage and Assessment of Referrals for Mild Hip Dysplasia in a Tertiary Referral Centre	Mckenzie, James / Chou, Justin / Stott, Susan
2486	Paediatric fracture clinic referrals: An audit	Thimmaiah, Ravindra / Bass, Alfie
2517	Late functional scores after surgical treatment of slipped capital femoral epiphysis – retrospective study of a 25 years series	Fraga Ferreira, José / Cerqueira, Rui / Viçoso, Sofia / Barbosa, Tiago / Oliveira, João / Vasconcelos, Paulo
2703	Outpatient treatment of congenital unstable hips in newborns in with the Tuebinger hip abduction brace	Weimann-Stahlschmidt, Kristina / Westhoff, Bettina / Martiny, Friederike / Krauspe, Rüdiger
2771	Paediatric Forearm Fractures – A Statistical Analysis	Dhawan, Rohit / Vikas, Sharma / Needhirajan, Senbaga
2955	Correction of clubfeet relapse using the Ilizarov method:A combined concept.K. Stenild ChristensenDepartment of Orthopedic Surgery, section for paediatric orthopedic's and bonereconstruction, Aalborg University Hospital, Aalborg	Christensen, Knud
2962	Outcome of Insall procedure for PFJ instability in children	Nixon, Mathew / Tawfiq, Sam / James, Leroy / Subramanian, Rengarajan
2964	Postoperative Spinal Alignment Remodelling in Lenke 1C type Scoliosis Treated with Selective Thoracic Fusion	Wang, Yu / Bunger, Cody / Hansen, Ebbe / Zhang, Yanqun



## Paediatrics

No.	TITLE	AUTHORS
2998	Monteggia Fractures in Children: Presentation of a 20 years experience.	Leonidou, Andreas / Lepetsos, Panagiotis / Liarakos, Nikolaos / Laios, Thomas / Flieger, Ioannis / Leonidou, Omiros
3052	Posteromedial release combined with cuboid wedge osteotomy for the treatment of neglected idiopathic equinovarus foot after walking age	Faldini, Cesare / Traina, Francesco / Pagkrati, Stavroula / Digennaro, Vitanonio / Leonetti, Danilo / Nanni, Matteo / Miscione, Maria Teresa / Acri, Francesco / Francesconi, Dunia / Giannini, Sandro
3100	Is bullying at school an indication for corrective osteotomy in children with intoeing and outtoeing?	Gulihar, Abhinav / Fernandes, James
3170	The diagnostic utility of Kocher's criteria in the diagnosis of septic arthritis in children : An external validation study.	Singhal, Rohit / Singhal, Rohit / Perry, Daniel / Khan, Farrukh / Cohan, Daniel / Sampath, Jayanth / Stevenson, Helen / Bruce, Colin
3193	Prevalence of intraspinal anomalies in patients with surgically significant idiopathic scoliosis- A 10 year study	Singhal, Rohit / Singhal, Rohit / Prasad, Seema / Bruce, Colin
3231	Results of Spinal Fusion in Neuromuscular Scoliosis	Thoma, Sofia / Krallis, Panagiotis / Kosmidis, Ilias / Kyriakopoulos, Georgios / Hager, Ioannis
3248	Mathematical model for evaluating the net effect of some risk factors used for selection of a "risk group" for DDH screening	Todorov, Svilen / Velkova, Angelika
3349	Off-ended Distal Diaphyseal - Metaphyseal junction Fractures of the Forearm in Children; an Orthopaedic Conundrum.	Gudipati, Suribabu / Tiru, Madhu / Kanakaris, Nikolaos
3358	The changing incidence of Perthes disease in Liverpool.	Perry, Daniel / Bruce, Colin / Dangerfield, Peter / Platt, Mary Jane
3366	Modelling the age onset of Perthes Disease.	Perry, Daniel / Bruce, Colin / Platt, Mary Jane / Dangerfield, Peter
3374	Using Ilizarov system for the correction of paediatric deformities of the foot	Tsibidakis, Haridimos / Sakellariou, Vasileios / Mazis, George / Tsouparopoulos, Vasileios / Kanellopoulos, Anastasios
3416	Selective Ultrasound screening for Developmental Displasia of Hip (DDH). Effectiveness of one stop DDH clinic.	Naqvi, Gohar / Malik, Sultan / Adamec, Ondrej

## Nurse

No.	TITLE	AUTHORS
3453	Regional Hip and Knee Replacement Program	Sly-Havey, Maureen
3454	Patient and staff experience with a Fast Track concept at an Orthopaedic Department	Leonhardt, Jane
3455	Patients prefer telephone interviews compared to visits in the outpatient clinic one year after total hip arthroplasty	Hoevsgaard, Susanne
3456	Task shifting in orthopaedic out-patients	Buch, Maja
3457	Why a theatre nurse in the operating department.	Jensen, Karen

## Nurse

No.	TITLE	AUTHORS
3458	Efficacy of lifestyle-counselling	Ronfeldt, Ingerlise
3459	Preventing pressure ulcers in patients with hip fracture	Vogelsang, Anne-Birgitte
3460	Predictors of low self-rated health in patients aged 65+ after THR	Hördam, Britta
3461	Development of nurses competencies within promotion of hip rehabilitation in Denmark and Sweden	Hördam, Britta
3462	The relationship between nurse staffing and patient outcomes for patients with hip fractures	Mainz, Hanne
3463	The unique future difference between Specialist nurse care and Standard nurse care programmes	Jolck, Susanne
3464	Preoperative physical optimization of patients at risk is effective and cost-effective compared to waiting time in patients scheduled for fast-track hip and knee arthroplasty	Bredtoft, Helene
3465	Can a change of structure in the daily working schedule cause an impact on personal development and job satisfaction for theatre nurses?	Holm, Henriette
3466	Therapeutic effects of a healing eating environment in an orthopaedic ward	Grønhaug, Lousie
3467	We want to be the best orthopaedic rehabilitation department	Author: Bergmann, Maria, Presenter: Poulsen, Pernille
3468	Nursing in spine minimally invasive interbody fusion	Calvo, Víctor
3469	Nursing role in one-step bilateral total knee arthroplasty	Calvo, Víctor
3470	Femoral neck fractures in Lithuania. The one year audit results.	Valaviciene, Rasa
3471	Sex, drugs and rock'n roll-what do patients really want	Wellington, Beverley
3472	Nursing care on chronic low back pain treated by Axialif	Atelsek, Tanja
3473	Prevention of falling is our calling	Nilsson, Annelie
3474	Save time by the LEAN process in health care	Nilsson, Annelie
3475	We'll call you!	Emanuelsson, Kristina
3476	The suitability of operating room personnel to serve a study nurse	Faoite, Diarmuid

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
<b>A</b>					
Aagaard, Per	53	Ahlund, Ola	124, 189	Aldegheri, Roberto	59, 103, 191
Aagaard, Søren	181	Ahluwalia, Harpreet	163	Aldinger, Peter	90, 189
Aamodt, Arild	188	Ahmad, Mudussar	94, 113, 158, 202, 203	Alegri, Cristina	126
Aaron, Alain	60	Ahmad, Riaz	157, 166	Aleporou-Marinou, Vassiliki	165
Aarvold, Alexander	52, 102, 155, 159	Ahmad, Wail	199	Alexandris, Athanasios	88
Abadie, Pierre	195	Ahmed, Issaq	53, 128	Alexandrovskii, Vitaly	176
Abane, Lamine	200	Ahmed, Naveed	163, 198	Alexopoulos, Anastasia-Stefania	74
Abat, Ferran	169, 198, 202	Ahn, Nong Kyoum	192	Al-Hadeedi, Omar	59
Abati, Caterina	46, 69	Ahrberg, Annette	119, 201	Al-Hadithy, Nawfal	152, 161, 191
Abbas, Rashid	152	Ahuja, Sashin	190	Alhammali, Tariq	30
Abbo, Olivier	169	Aido, Ricardo	151, 163, 168	Aliaga Sáenz, José Andrés	172, 200
Abdalla, Sherif	60	Aigner, Elmar	152	Alier, Albert	153
Abdollahzadeh Lahiji, Farivar	193	Aitken, Stuart	115, 126	Ali, Erden	158
Abdulkarim, Ali	181	Aitsiselmi, Tarik	182	Aliiev, Rasul	189
Abe, Hirohito	192	Ajekigbe, Lawrence	95	Alijanipour, P	164
Abhishetty, Naveen	207	Akada, Takanori	193	Al-Islam, Shofiq	172
Abid, Abdelaziz	40, 207	Akan, Kaya	203	Aliyev, Raouff	59
Aboelmagd, Karim	121	Akesson, Kristina	52, 98, 202	Alizadeh, Chingiz	179
Abostate, Mamdouh	207	Akhtar, Muhammad	128, 167	Alizadeh, Farhad	179
Abramo, Antonio	37	Akhtar, Sabeen	94	Aljinovic, Ana	190
Abramovic, Dusan	206, 207	Akinci, Sebahat	174	Al-Karmi, Sadeq	113
Abram, Simon	188	Akman, Budak	203	Al Khudairy, Ammar	59, 198
Abrassart, Sophie	168, 172, 205	Akpinar, Sercan	158	Allais, Emilie	126
Abuzakuk, Tarek	55	Aksahin, Ertugrul	75, 193	Allam, Ahmad	75, 163, 207
Acaroglu, Rifat Emre	43	Aktekin, Cem	75, 193	Allan, Antony	180
Accadbled, Franck	207	Akti, Sefa	193	Allen, Paul	123
Acharya, Metesh	158	Aktuglu, Kemal	162	Al-Maiyah, Mohammed	203
Ackermann, Paul	70, 101, 165	Alami, Ghassan	31	Al-Maleh, Ahsan	75
Acri, Francesco	34, 88, 200, 208	Alami Harandi, Armin	28	Alman, Benjamin	207
Adam, Jj	161	Alanay, Ahmet	43, 58, 86	Almenara, Marta	202
Adam, Pandit	175	Al-Ani, Amer	113	Almodovar Delgado, Juan Antonio	202
Adam, Philippe	102, 197, 200, 201, 204	Alani, Asef	62	Almqvist, Karl Fredrik	67, 73, 123, 169, 195
Adelved, Aron	82	Alazzawi, Sulaiman	30, 103, 164, 203, 206	Al-Nammari, Shafic	152, 154, 156, 161, 175
Aderinto, Joseph	183	Albani, Maria	103	Alper, Jonathan	29
Adhikari, Ajeya	196	Albareda, Jorge	153, 184, 191, 201	Altavilla, Roberto	178
Adib, Farshad	28, 68, 128	Albergo, Ignacio	203	Altenhuber, Johannes	44
Adolfsson, Lars	121	Albers, Christoph	43, 51, 94, 129, 156	Alvarez, Carlos	171, 202
Affatato, Saverio	67	Albers, Rob	52	Alvarez, Fernando	98
Agadzhanyan, Vagram	205	Albertini, Ugo	152	Álvarez, Ignacio	177
Agisilaou, Christos	58	Albert, John	32	Alvarez, Sonia	152
Agneskirchner, Jens	172	Albrecht, Mark	159, 164	Alves, Catarina	175
Agni, Nickil	158	Alcelik, Ilhan	196	Alves, Cristina	44, 73, 207
Agreiter, Mark	51	Al-Chalabi, Sara	158	Alves, Jorge	101, 115
Aguilera, Xavier	202	Aldabas, Silvia	183	Amaral, Denise	189
Aguirre, Màrius	184	Alday, Claudia	207	Amaral, Virginia	101, 115
		Aldea Molina, Elisa	175	Amar, Eyal	151

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Amat, C	121	Antonio, Oliveira	163	Asencio, Gérard	76
Amat, Josep	172	Antoniou, John	124, 182, 194	Asensio, Antonio	89
Ambrose, Simon	206	Antonis, Konstantinos	45	Ashby, Elizabeth	121
Ames, Michael	189	Antypas, Georgios	205	Ashby, Emily	158
Amin, Amin	113	Aparicio García, Pilar	101	Ashford, Robert	152, 153
Aminian, Kamiar	187	Apelqvist, Jan	113	Ashrafnejad, Babak	165
Amlie, Einar	127	Apostolopoulos, Alexandros	167, 190	Ashraf, Syed	169
Amling, Michael	42	Appenzeller, Andreas	172	Ashton, Fiona	128
Amorgianos, Christos	174	Appleton, Paul	28	Ashton, Roger	50, 123
Amorim, Ines	163	Aprato, Alessandro	93	Aslanian, Thierry	183
Amzallag, Julien	195	Apthorp, Hugh	157, 194	Asmat, Faiza	162
Amzallag, Michael	30	Apthorp, Lesley	104	Aspenberg, Per	42, 101
Anagnostakos, Kostantinos	197	Aranda Romero, Fernando	96, 157, 166, 176, 177, 178	Assal, Mathieu	28, 41
Anagnostou, Kostantinos	198, 199	Aranganathan, Shreedhar	60, 176, 178	Assiotis, Angelos	41, 119
Anakwe, Raymond	126	Aras, Efe	114	Assoum, Hani	192
Anand, Amarjit	170	Arastu, Mateen	46	Aston, William	46, 69, 114, 151, 152
Anania, Andrés	165, 188, 189, 203	Arcelus, Juan	122	Atalar, Ata Can	103, 110, 115
Anastasiadis, Zoy	168	Archbold, Pooler	182	Atallah-El Yordi, Nagib	152, 162, 164
Anastasiou, Ioannis	205	Arden, Nigel	104	Atelsek, Tanja	209
Anastasiu, Andrei	101	Ardolino, Toni	159	Athanaselis, Efstratios	177, 198, 199
Andersen, Karen	116	Arealis, George	202, 203	Athanasίου, Thanos	153
Andersen, Kim	31	Arens, Daniel	43, 64	Atrey, Amit	115, 129, 156, 194, 207
Andersen, Kjeld	102	Ares, Jesus	172	Atsumi, Takashi	187
Andersen, Mikkel	164	Ares, Oscar	128, 155, 169, 193	Attia, David	122
Andersen, Sven	124, 189	Argenson, Jean-Noël	62, 71, 93	Attinger, Marc	188
Andersson, Therese	101	Arias Baile, Ainhoa	113	Atzori, Francesco	93
Andjelkovic, Sladjana	200	Arlettag, Yvan	187	Audebert, Stephane	31
Andor, Bogdan	166	Armitage, Bryan	102, 113	Auffarth, Alexander	51, 174, 200
Ando, Wataru	192	Armstrong, Alison	44	Augat, Peter	192
Andrade, Anthony	163	Armstrong, Catherine	50, 123	August, Andrew	185
Andrew, J	112	Armstrong, Patrick	196	Auñón Martín, Ismael	101, 198
Andrews, Julie	203	Arndt, Joseph	96, 104, 169	Aurégan, Jean-Charles	90
Andrews, Mark	55	Aroonjarattham, Panya	157	Avramidis, Miltiadis	179
Andriamanday, Voanirina	197	Aroukatos, Panagiotis	50	Awan, Nasir	28, 126
Angadi, Darshan	111	Arranz, Jose Luis	171	Axexakis, Dimitrios	175
Angelini, Andrea	45, 68, 69, 114	Arteschrang, Artesch	89	Ayana, Gamada	204
Angeloni, Marina	173	Arthur, Calum	59, 193	Aydogdu, Semih	115
Angelopoulou, Maria	161	Artola, A	165	Azagra, Xavier	179
Angibaud, Laurent	77, 118	Arts, Jacobus	60, 177, 184	Azhar, Hussain	166
Angrisani, Nina	32	Artz, Neil	30		
Angthong, Chayanin	32	Arumugam, Gowthaman	55, 89, 151, 173	<b>B</b>	
Anitua, Eduardo	34	Arvani, Mussa	202	Baas, Jorgen	32, 154
Anjari, Mustufa	158	Arverud, Erica	70	Babiker, Hassan	157
Annis, Prokopios	199	Arvidsson, Cecilia	202	Babis, George	52, 152
Antonarakos, Petros	128, 178	Asada, Taku	187	Babst, Reto	44, 199
Antonellis, Anne	157	Ascherl, Rudolf	67	Bacarese-Hamilton, Ian	159
Antonini, Guido	204			Backer, Katrien	124

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Backhaus, Manuel	173	Balsano, Massimo	38	Basile, Angela	160
Badawy, Mona	75	Baltov, Asen	82, 161, 199, 201	Baskaradas, Aroon	153
Badea, Robert	125	Bamac, B	167	Bass, Alfie	207
Badekas, Thanos	77	Bancroft, Gordon	163	Bastian, Adam	32, 159
Bader, Rainer	50, 51, 77, 192	Bandholm, Thomas	166	Bastian, Johannes	34, 205
Badhe, Nitin	61	Banerjee, Purnajyoti	166, 167	Basto, Tiago	85, 169
Badhessa, Jaswant	190	Banerjee, Rajat	179	Bataga, Simona	169
Badila, Adrian	90, 196, 204	Banga, Kamal	182	Bataga, Tiberiu	169
Badilas, Nikolaos	156	Banim, Ronan	159	Batalla Gurrea, Lledo	113
Baek, Seung-Hoon	152	Banke, Ingo	73, 192	Batistella, Ferdinando	31
Bagga, Ajeet	203	Banks, Daniel	182	Batjoens, Annemie	45
Bagley, Caroline	159	Bannister, Gordon	82, 89, 112, 166	Batta, Vineet	196, 204
Bahlke, Ulf	180	Bansal, Parvin	180	Bauernfeld, Henning	198
Bahrami, Navid	167	Bányai, Tamás	170	Bauer, Thomas	121
Bahri, Nourredine	180	Barastegui Fernandez, David	94	Baumann, Anneliese	201
Bainbridge, Chris	89, 92, 171	Barba, Nicolas	61	Baxevanos, Nikolaos	205
Bainton, Kylie	163	Barbier, Olivier	73	Baxter, Jonathan	57, 112, 183
Baird, Emily	204	Barbosa, Tiago	42, 45, 85, 89, 102, 169, 207	Bayat, Ardeshir	32
Baird, Robert	182	Barbounakis, Nikos	167	Bayliss, Neil	54
Bajada, Stefan	29, 94, 158	Barcellos, Tiago	90	Beard, David	68, 97, 112, 130, 196
Bajzik, Gabor	39	Barckman, Jeppe	32, 154	Beaton, Dorcas	185
Bakeer, Waleed	113	Bardakos, Nikolaos	30, 94, 186	Beaufils, Philippe	30, 73, 115, 169, 180, 194, 195
Baker, Joseph	170	Barea, Christophe	76	Beaulé, Paul	39, 57, 73, 154, 182, 185, 188
Baker, Paul	206	Barker, Karen	185	Beaulieu, Mélanie	185
Baker, Richard	82	Barlow, David	53	Beaver, Richard	159, 187, 195
Bakker-Dyos, Joshua	115	Barlow, G	119	Beazley, James	32, 57, 155, 163
Bak, Klaus	31	Barlow, Timothy	112	Becher, Christoph	129
Balaguer Andrés, Jaume	88, 190, 199, 206	Barna, Michal	53, 96	Bechtold, Joan	32, 154
Balakrishnan, Saikrishna	195	Barnes, Keith	159	Becker, Lars	126
Balakrishnan, Sanjeeve	151	Barnes, Simon	60, 152, 170	Beckers, Stefan	173
Balan, Sebastian	126	Barnett, James	50	Beck, Martin	51, 65
Balasubramanian, Sivaraman	115, 175	Baronetti, Marco	72	Beekman, Pieter	73
Balasundaram, Ramesh	53, 199	Barouk, Pierre	98, 100	Beerermann, Insa	73
Balato, Giovanni	188	Barrera, Sergi	113	Begerow, Ivonne	51
Balcik, Cenk	158	Barresi, Cludio	173	Begkas, Dimitrios	103, 198
Baldini, Andrea	63, 194, 196	Barresi, Laurent	188	Bégué, Thierry	31, 35, 90, 100, 125
Baldini, Todd	128	Barriga Martín, Andrés	96, 178	Beguiristáin, José	157
Baliga, Santiosh	100, 162	Barrios, Carlos	96, 157, 176, 177, 178	Behrens, Bernd	182
Ballantyne, James	187	Barr, Lynne	158	Behrens, Peter	190
Ballester Alfaro, Juan José	182	Barros, Fabio	51	Beitzel, Knut	73, 192
Ballester, J	89	Barros, Hugo	203	Belascoain-Benítez, Eduardo	205
Ballester, Jordi	199	Bárta, Radim	190	Beletski, Alexandre	113
Ballesteros-Betancourt, José Roberto	198, 201	Bartels, Ward	57	Belgiovine, G	101
Ballmer, Peter	118	Bartzis, Vasiliki	161	Belhage, Bo	160
Ball, Thomas	44, 164, 167, 180	Barysh, Oleksandr	177	Bel, Jean-Christophe	42, 94
Baloch, Khalid	61	Basamanía, Carl	173	Bell, David	59
		Baser, Yavuz	204		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Bellemans, Johan	56, 195	Berruti, Daniele	204	Bjoerslev, Naja	164
Bell, Karl	194	Berry, Daniel	76	Bjorgul, Kristian	124, 189
Bello, Daniel	203	Bertino, Antonio	186	Björkenheim, Jan-Magnus	83, 86
Bello Prats, Santiago	193	Bertó Martí, Xavier	199	Bjorslev, Naja	186
Bellotti, Vittorio	181, 184	Berton, Charles	50, 112, 182	Blagg, Stuart	178
Bell, Stuart	62, 118, 151, 196, 207	Besikos, Ioannis	127	Blagojevic, Zoran	168
Beltrami, Giovanni	46	Besnier, Laurent	165	Blairon, Alexandre	182
Beltrand, Eric	40	Besse, Jean-Luc	62, 70, 77	Blakeney, William	52, 191
Belzile, Etienne	182	Bessho, Masahiko	90, 154	Blake, Steve	200
Ben Ayad, Rida	192	Bessières, Charles	194	Blanchetiere, Hernan	95, 126, 174
Benazzo, Francesco	42, 64, 192	Betteridge, Neil	40	Blanchietti, Elio	204
Bendall, Stephen	46	Bettoni, Elisa	158	Blanco, Agustin	89
Benesch, Thomas	30, 127	Beveridge, Todd	159	Blanco, David	101
Benetos, Ioannis	201	Bevoni, Roberto	115	Blanco, Juan	171, 175
Ben-Galim, Peleg	155, 176, 177	Bezverchiy, Sergey	189	Blanco Rubio, Nieves	184, 201, 202
Benjamin, Guenoun	68	Bezzina, Nick	54	Blanc-Pattin, Viviane	121
Benjamin-Laing, Harry	152, 172	Bhansali, Hardik	186	Blankevoort, Leendert	41, 62
Benneker, Lorin	34	Bhatia, M	77, 127	Blatsoukas, Konstantinos	127
Bensidhoum, Morad	90	Bhattacharjee, Dhritiman	201	Blauth, Michael	66
Benson, Michael	62, 130	Bhattacharya, Raj	61, 84	Blaysat, Marc	191
Benthien, Jan	190	Bhattacharyya, Rahul	203	Bley, Christine	179
Bentley, George	123, 194	Bhatti, Waqar	172	Bloch, Benjamin	111
Ben Tov, Tomer	155	Bhimji, Safia	156, 160	Bloch, Hans Rudolf	43, 172, 181, 192
Beracassat, Richard	183	Bhoora, Ishan	197	Bloebaum, Roy	50
Berber, Onur	151	Bhowal, Bhaskar	153	Bloom, Anja	162
Berbig, Roger	73	Bhutta, Mohammed	87	Blunn, Gordon	42, 46, 69, 102, 158
Bereiter, Heinz	188	Bianco, Paolo	60	Blyth, Mark	30, 118
Bergdolt, Christian	189	Biberthaler, Peter	71	Board, Tim	28, 52
Berg, Hans	42	Bicanic, Goran	190	Bobak, Peter	184
Bergmann, Maria	209	Bicimoglu, Ali	75, 193	Bock, Peter	56, 77
Bergovec, Marko	68	Bickels, Jacob	151	Bocquet, Donatien	112
Bergschmidt, Philipp	192	Bignozzi, Simone	85	Boddie, David	151
Berhouet, Julien	30, 195	Bilgili, Fuat	165, 190	Boden, Richard	94, 182
Beris, Alex	74	Binazzi, Roberto	63, 188	Boettner, Friedrich	77, 154
Berizzi, Antonio	59	Bin, Kim	207	Boffano, Michele	152, 158, 192, 193
Berli, Martin	50	Birch, Ann	171	Bogie, Rob	60, 177
Berlin, Orjan	157	Bironneau, Alexandre	177	Bogiopoulos, Andreas	199
Bernaldez, Maria Jose	88, 165	Bisbe, Elvira	153	Bogner, Robert	174, 200
Bernard, Jason	161	Bischof, Andreas	172	Bogoch, Earl	182
Bernhard, Schmidt-Rohlfing	103	Bishnoi, Amit	127, 173	Bogorin, Ioan	96
Bernheimer, Jonathan	170	Bishop, Tim	161	Böhler, Nikolaus	51, 61, 66, 67
Bernocchi, Barbara	74	Bisicchia, Salvatore	173, 197	Bohm, Eric	75
Bernstein, Mitchell	124	Bistolfi, Alessandro	158, 181, 192, 193	Boileau, Pascal	31
Bérot, Maxime	90	Bizic, Marta	207	Boisrenoult, Philippe	30, 73, 115, 169, 180, 194, 195
Berrendero, Luis	96, 176, 178	Bizot, Pascal	165	Boisset, Sandrine	126
Berrocal, Ángea	165	Bjerre, Soren	127		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Boldt, Jens	189	Boyd, Kevin	56	Bruce, Colin	208
Bolink, Stijn	55, 161	Boyer, Bertrand	76, 130, 183	Bruce, Levy	113
Bollen, Steve	169	Boyer, Patrick	167, 184, 191	Bruce, Warwick	62, 84, 160
Bolliger, Lilianna	179	Bozoglou, Michail	179	Bruni, Danilo	73, 85, 123, 163, 191
Bollini, Gérard	207	Bracco, Pierangiola	43	Brüning Genannt Wolter, Felix	154
Bommireddy, Rajendra	151, 177	Brach Del Prever, Elena	152	Bru Pomer, Antonio	199
Bommireddy, Rajendranadh	100, 176	Bradley, Rachel	29	Bruskin, Alik	176
Bonacina, E	162	Brady, Mark	95	Brusson, Adrien	156
Bonacina, Paolo	183	Bragdon, Charles	52, 76, 129, 157, 158, 186, 194	Brzoska, Roman	30
Bonanzinga, Tommaso	73, 85, 163, 191	Bragdon, Louisa	194	Buchanan, James	76
Bondi, Alice	85	Bramer, Jos	54, 59	Buchanan, Jamie	104
Bone, Lawrence	205	Bramkamp, Matthias	162	Buchegger, Thomas	126
Bonk, Andreas	126	Branemark, Rickard	157	Büchler, Lorenz	72, 205
Bonnel, Francois	77	Bräun, Klaus	44	Buch, Maja	208
Bonnomet, François	102, 197, 200, 201, 204	Braunstein, Volker	71	Buch, Richard	152
Bonomo, Marco	34, 88, 200	Bravo, Beatriz	101	Buckland, Tom	102
Borens, Olivier	96, 85, 121, 126	Bravou, Vassiliki	50	Buckley, Conor	102
Borgström, Fredrik	87	Brax Olofsson, Lisbeth	97	Buckley, James	167
Borgwardt, Arne	124	Brdar, Radivoj	207	Buclin, Thierry	119, 163
Borgwardt, Lise	124	Bredicianu, Rares	168	Buda, Roberto	41, 84, 97, 123
Borgwardt, Lotte	124	Bredtoft, Helene	209	Budassi, Piero	172
Bornemann, Rahel	100, 175	Breer, Stefan	42	Budde, Stefan	187
Borniger, Nina	154	Breidahl, William	52	Buecking, Benjamin	159
Borobio, Germán	171	Breindahl, Morten	160	Buehren, Volker	44
Borrego, David	171	Brem, Matthias	66	Buezo, Oscar	114, 202
Borris, Lars	65, 102, 112, 127, 160	Brenkel, Ivan	157, 193, 195	Bühren, Volker	125, 169
Borroni, Mario	172	Brevig, Knut	124, 189	Bukovecz, Tibor	206
Borsky, Michael	168	Briatico-Vangosa, Luca	183	Bukva, Bojan	206, 207
Bortolazzi, Riccardo	42	Bridle, Simon	186	Bulgheroni, Erica	73
Bosanquet, Dave	163	Briggs, Timothy	46, 69, 114, 123, 151, 152, 194	Bulgheroni, Paolo	73
Bos, Ellis	57	Bring, Daniel	101	Bull, Anthony	104, 174
Bosemark, Per	155	Brinkert, David	102	Bullmann, Viola	43
Bosker, Bart	110	Brink, Ole	102	Bumbasirevic, Marko	82, 119, 163, 179, 200, 203
Böttenberg, Boris	195	Brinsden, Mark	172	Bunes, Asle	124
Bottomley, Nicholas	196	Brin, Yaron	59, 179, 194	Bunger, Cody	114
Bouaziz, Anissa	121	Briscoe, Adam	102	Bünger, Cody Eric	29, 45, 110, 161, 207
Boucher, Florian	159	Brisou, Patrick	164	Burelli, Silvia	43, 181
Bouguecha, Anas	182	Britton, Edward	154, 161	Burge, Peter	171
Bouquet, Cedric	177	Brooke, Ben	200	Burger, Bart	121
Boure, Ludovic	43	Brooks, Chris	175	Burger, Christof	100
Bourne, Robert	182	Bronson, Stig	43	Burgherr, Vinzenz	28
Bousquet, Philippe Jean	40	Brown, Chris	205	Bürgi, Martin	188
Boutsiadis, Achilleas	103, 128, 178	Brown, James	203	Burgos Flores, Jesús	96, 157, 176, 177, 178
Boux, Elena	152	Brown, Rick	88	Burke, J	176
Boxall, Sally	102	Brown, Sue	111	Burnell, Colin	75
Boyce Cam, Nicholas	113			Burstein, Albert	77, 118
Boyce, Lenetta	199				

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Burton, David	199	Campbell, Alexander	154	Cassar Gheiti, Adrian	175
Busse, Jason	202	Campbell, Donald	206	Cassiano Neves, Manuel	53, 72, 114
Bustillo, Javier	185	Campbell, Iain	54	Castagna, Alessandro	172
Butin, Christophe	164	Campbell, Patricia	52	Castaldo, V	101
Butler, Joseph	75	Campion, Charlie	102	Castellanos, Juan	101, 126
Butler-Manuel, Adrian	129, 194	Campton, Luke	190	Castellet, Enric	202
Butler-Manuel, Peter	157	Canata, Gian Luigi	118	Castelli, Fabio	124
Buttaro, Martin	85, 166, 186, 203	Candrian, Christian	112, 126	Castillo Palacios, Andres	184, 201, 202
Butt, David	129	Canero, Gianfranco	122, 123	Castro Ruiz, Ruiz	101
Butt, Umer	156, 157, 166	Cannon, Stephen	46, 68, 69, 114, 151, 152, 164	Catagni, Maurizio	38
Byrne, Damien	170	Cano, Juan Ramon	125	Catani, Fabio	36
Bytyqi, Cen	207	Cano-Luis, Pedro	205	Catellani, Francesco	197
Byun, Seong-Eun	163	Cano-Porras, Jr	164	Caterini, Roberto	197
Byun, Seong Joon	169	Cantin, Olivier	84	Catonne, Yves	156, 184
<b>C</b>					
Caballero García, Alberto	96, 157	Capanna, Rodolfo	38, 46	Cattell, Andrew	172
Cabanela, Miguel	160	Cappelleri, Joseph	89, 171	Cauchi, M	161, 165
Cabanes Ferrer, Isabel	199	Capra, Paola	34, 88, 200	Causero, Araldo	181
Cabral, Rui	96	Carbonel Bueno, Ignacio	175	Cavaignac, Etienne	189
Cáceres Palou, Enric	34, 66, 74, 87, 94, 95, 96, 100, 113, 152, 153, 158, 175, 181, 184, 202	Cárdenas-Blanco, Arturo	188	Cavallius, Christian	169
Caetano, Vitor	102	Cárdenas, Carlomagno	181, 184	Cavallo, Marco	41, 97, 123
Calabrò, Teresa	46	Cardoso, Pedro	151	Cavanilles Walker, Jose María	101
Calbucci, Lucia	57	Carfagni, Alfredo	202, 203	Caviglia, Horacio	32, 95, 126, 160, 174
Calder, James	37, 41	Carli, Giulia	181	Cazeneuve, Jean-François	39
Callanan, Mark	129	Carlile, Graeme	167, 206	Cebzan, Ciprian	168
Calleja, Neville	46, 69	Carmont, Mike	56	Cecilia López, David	101, 198
Calliess, Tilman	129	Carnegie, Carol	100, 199, 200	Celaya, Fernando	202
Caloia, Hugo	172	Carpenter, Claire	162	Celebi, Levent	75, 193
Caloia, Martin	172	Carr, Andrew	103, 104, 162, 174	Cerbasi, Simone	188
Caloia, Martin	200	Carreño, Ana María	198	Ceroni, R	68
Calori, Giorgio M.	38	Carreño-Delgado, Ana	201	Cerqueira, Rui	42, 45, 85, 89, 102, 169, 207
Calthorpe, Dennis	151	Carrera, Eduardo	40	Ceruso, Massimo	89
Calvo, Alberto	179	Carrera, Ion	114, 198	Ceviz, Emrah	203
Calvo, Rafael	168, 207	Carrera, Lluís	202	Cevolani, Luca	156
Calvo, Víctor	209	Carrington, Richard	123, 194	Chabane, Samir	156
Camacho-carrasco, Pilar	198, 201	Carroll, Fintan	127, 153, 157	Chakravarthy, Jaganath	169, 200
Cambiaggi, Guillermo	32	Carsen, Sasha	39	Chambers, Iain	113
Camera, Andrea	41	Carter, Rebecca	172	Chambers, Max	196
Cameron, Ian	188	Cartier, Philippe	192	Chambler, Andrew	172
Camilleri, Jean Philippe	76	Cartner, Jacob	32, 154	Champlon, C	68
Caminal, Marta	184	Caruso, Gaetano	125, 165, 178	Chana, Rishi	52, 161, 187
Camisa Jr, Antero	182	Casadei, Roberto	46	Chandran, Prakash	159
Campanacci, Domenico	46	Casals, Alicia	172	Chandrasenan, Jeevan	45
		Casellas Garcia, Gemma	101	Chang, Min-Yeh	166
		Casha, James	175	Changulani, Manish	199
		Casoli, Vincent	205	Chan, Oliver	102
				Chantarapanich, Nattapon	173



# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Chantelot, Christophe	32, 115	Choudhuri, Ujjal	159	Clayton, James	163
Charalambides	88	Chou, Justin	31, 207	Clayton, Rob	195
Charalambos	111	Chouteau, Julien	84, 97, 188, 191, 196	Clegg, John	125
Charistos, Stavros	128	Christansen, Svend Erik	97, 168	Clement, Nicholas	53, 54
Charles, Yann Philippe	96	Christensen, Anne	116	Clement, Nick	126
Chassanidis, Chris	165	Christensen, Birgitte	116	Clerici Bagozzi, Federico	202, 203
Chatha, Hamid	155	Christensen, Helle	168	Cliquet Junior, Alberto	90
Chatzisoftiriou, Athanasios	103	Christensen, Knud	207	Clohisy, John	76
Chaudhury, Salma	103, 174	Christensen, Robin	110	Cnudde, Peter	181
Chauhan, Devendra	127	Christiansen, Janus	167	Coathup, Melanie	46, 69, 102
Che Ahmad, Aminudin	41	Christie, Eva	199	Cobb, Andrew	37, 162
Chechik, Ofir	151, 155	Christodouloupoulos, Charis	127	Cobb, William	162
Chehrassan, Mohammadreza	34, 88, 200	Christodoulou, Anastasios	103, 128, 178	Cochrane, Lynda	58, 160
Chemama, Bruno	195	Christodoulou, Evagelos	197	Coelho, Fernando	175
Chen, Chun Ming	153	Christofilopoulos, Panayiotis	50, 160, 181, 201	Coer, Andrej	50
Chen, Dan	77	Christou, Dimitrios	172, 173	Cohan, Daniel	208
Chen, Hong	180	Chuck, Alexis	165	Cohen, Alexander	64
Chen, Minsi	68, 185	Chukwuyerenwa, Kingsley	175	Cohen-Solal, Martine	43
Chennagiri, Ramesh	171	Chunjarunee, Aporn	32	Cohen, Zvi	86, 117
Chen, Peter	193	Chuter, Graham	41, 42, 179	Cohnert, Tina	201
Chen, Sheng Bao	68	Ciampi, Pietro	104, 174	Colak, T	167
Chenu, Chantal	156	Cichero, Matthew	62	Colding, Camilla	38
Cheong, Hon	199	Cichy, Ben	117	Coleman, Nigel	191
Cherrier, Bertrand	203	Cid Casteulani, Alberto	156	Cole, Peter	102, 113
Cherubino, Paolo	28	Ciliz, Asim	204	Coleridge, Simon	58
Chesser, Timothy	28, 82, 202, 203	Cimbrelo, Eduardo	52	Coles, Angela	33, 41, 57, 71
Cheung, Alex	194	Cinar, Bekir	158	Collado Gastalver, Diego	113
Chiari, Catherina	111	Cingu, Abdullah	95	Collazo, J	96
Chiesa, Roberto	63	Cinotti, Gianluca	60, 185	Collette, Michel	153
Chiron, Philippe	40, 169, 187, 189	Ciobanu, Eugen	167	Collins, Elaine	26
Chitnavis, Jai	194	Ciobanu, Traian	196, 204	Collins, Fraser	162
Chiu, Winnie	172	Cip, Johannes	30	Collins, Simon	51, 188
Chizari, Mahmoud	94, 186	Circi, Esra	72, 158	Colmenero Rolón, Carlos Alberto	60
Chloropoulou, Pelagia	127	Ciritsis, Bernhard	55, 59	Colomina, Jordi	198
Cho, Byung Ki	77, 201	Citak, Musa	202	Colthurst, James	32
Cho, Hwan-Sung	152	Citak, Mustafa	173, 202	Colwell Jr, Clifford	155, 193
Chojnowski, Adrian	95	Ciubotaru, Dan	182	Comba, Fernando	166, 186, 203
Chomiak, Jiri	99	Ciurluini, Marta	160	Combalia, Maite	179
Chong, Le Roy	154	Ciuvică, Radu	125	Combes, Antoine	130
Chong, Mark	189	Cizinauskas, Andrius	188	Compson, Jon	171
Choo, Suk Kyu	202	Clar, Heimo	160	Conditt, Michael	196
Choowong, Montri	193	Clark, Damian	125	Conesa, Xavier	202
Chornet, Xavier	153	Clarke, Clarke	90	Confalonieri, Norberto	111, 191
Cho, Sung-Gil	189	Clauss, Martin	52, 89	Connolly, Michelle	74
Chotanaphuti, Thanainit	193	Clavert, Philippe	104	Conroy, Jonathon	186
Chou, Daud	61, 158	Clay, Nigel	199	Conway, Robert	112
Choudhry, Muhammad	94, 206			Cook, Andrew	90, 103, 158, 164

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Cooke, N	112	Crova, Maurizio	158, 181, 192, 193	Daneshfar, Aria	186
Cooke, Nicholas	200	Crusi, Xavier	190	Dangerfield, Peter	208
Cooke, Nick	90	Cruz, Enacarnacion	125	Daniachi, Daniel	51, 189
Cook, Shane	128	Cruz, Gomes	102	Danilkin, Michael	177, 198, 199
Cooper, Paul	32	Cruz-Ocaña, E	164	Daoud, Wael	77
Coorey, David	36	Cruz-Pardos, Ana	185	Darabpour, Mohammad Bagher	173
Cope, Marcus	158	Cuestas, Nicolás	32, 95	Dargaï, Farouk	197
Corbett, Steven	115, 156	Cugat, Ramon	118	Da Rin, Fernando	83
Corchado, Carolina	171	Culemann, Ulf	82	Datta, Gorav	151
Cordero-Ampuero, José	, 85, 185	Cullen, Nicholas	41	Datz, Christian	152
Corella Abenia, Eduardo	202	Culliford, David	52	Davey, Matthew	172
Corella, Eduardo	184, 201	Cundall-Curry, Duncan	204	David, Figueroa	97
Corona, Pablo	121	Cuñé-Sala, Jordi	169, 193, 201	Davidson, Jerome	157, 194
Correa, Eva	74, 95, 153, 158	Cunningham, James	206	Davidson, John	194
Correa Gorospe, Carlos	96, 157, 176, 177	Cunningham, Patricia	28	Davies, Benjamin	194
Correa Vázquez, Eva	175	Cuocolo, Claudio	94	Davies, Harry	158
Correia, João	101, 115	Curran, Stephen	155	Davis, Ben	203
Corry, Ian	97	Curtin, William	53	Davis, Edward	63
Corsi, Alessandro	60	Curtis, Derek	186	Davis, Jack	154
Corsten, Johannes	179	Curvale, Georges	126, 189	Davis, James	164, 180
Corten, Kristoff	45, 57, 94, 163, 186	Czubak, Jaroslaw	99	Davis, Naomi	74
Cortina Gualdo, Josep	94, 202			Dawe, Edward	119
Costa, Giovan Giuseppe	188	<b>D</b>		Dawoodi, Aryan	60
Costa, Luigi	43, 63	Da Assuncao, Ruy	62, 84, 160	Dawson-Bowling, Sebastian	114
Costa, Luis	151	Dabis, Hosam	162	Dawson, Jonathan	155
Costa, Matthew	32, 112, 155, 157, 184	Dabis, John	200	Day, Christopher	44
Costa Tutusaus, Lluís	101	Dachepalli, Sunil	167	Day, Nicky	116
Cotonea, Yann	77	Dadia, Shlomo	151	Day, Robert	52
Court-Brown, Charles	28, 59, 115, 126, 197	Daemgen, Frédérique	104	De Albert, Matias	151
Cousins, Gerard	202	Dahabreh, Ziad	152, 166	Dean, Benjamin	69, 171
Coustance, Antoine	160	Dahill, Mark	194	De Biase, Carlo Felice	32, 60, 173, 202, 203
Couturier-Bariatynski, Varenka	32	Dahl, Benny	58, 60, 100, 101	De Biase, Pietro	46
Covall, David	77, 118, 196	Dahlberg, Leif	68, 111	De Blas, Gema	96, 176
Cowling, Paul	90	Dahlin, Lars	89, 95, 171	De Boeck, Hugo	34, 176
Cox, George	102	Dahl, Ola	122	Deborre, Christoph	100
Cox, Peter	44	Dahlqvist, Louise	202	De Cabo, Alfonso	171
Craik, Johnathan	173	Dailiana, Zoe	165, 172	De Coninck, Tineke	73
Crawfurd, Edward	111	Daines, Michael	104	Dedic, Mirza	43
Crespo Gonzalez, Daniel	88	Dakis, Konstantinos	175	Dediu, Valentin	156
Crespo, Ricardo	73	Dala-Ali, Benan	96	Dehoux, Emile	188
Cristea, Stefan	169, 180, 195	Dalat, Frédéric	97	Dekel, Shmuel	159
Cristodoulopoulos, Charis	127	Dale, Haavard	90	De La Fuente, Matias	112
Crnobaric, Aleksandar	168	Dalgleish, Stephen	58, 160, 167, 189, 206	Delank, Karl-Stefan	87
Croci, Alberto	181	Dallari, Dante	42	De Las Heras, Jorge	151
Cronier, Patrick	165	Damoulianos, Alexandros	167	Delasotta, Lawrence	193
Cross, Charlotte	87	Danek, Susanna	197	Delaunay, Christian	28, 55, 66

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Del Bosque, Antonio	201	Dharmarajan, Ram	127	Doering, Matthias	159
Del Cogliano, Marco	173	Dhawan, Rohit	43, 100, 101, 125, 180, 207	Doerner, Michael	52, 129, 158, 186, 194
Deleanu, Bogdan	200	Dhebar, Mahesh	196	Dogruyol, Daghan	193
Deledda, Davide	192	Dhert, Wouter	121	Doherty, Carol	162
Delgado-Baeza, Emilio	151	Dhillon, Manpreet	192	Dohmae, Yoichiro	130, 184
Delgado Martínez, Alberto	92	Dhinsa, Baljinder	123, 194	Dohmen, Lars	157
Delgado Ramirez, Jorge	86	Dhollander, Aad	123, 173	Dolan, Mark	75
Delimar, Domagoj	190	Dhotare, Satish	172	Dolieb, Hisham	120
Della Rocca, Antonello	185	Diab, Hossam	171	Domae, Youichirou	184
Della Valle, Craig	76	Diaconu, Monica	198	Domenech, Pedro	178
Delli-Sante, Emilio	158, 203	Diamantakis, Georgios	199	Domenghini, Christian	172
Delmi, Marino	56, 70, 86, 98, 100	Dias, Joseph J.	86, 92, 153	Domingo-trepat, Anna	198, 201
Delobelle, Jean Michel	31	Díaz Heredia, Jorge	96, 157, 166, 176, 177	Dominguez, Eduardo	126
Del Olmo Hernández, Teresa	96, 157, 166, 176, 177, 178	Díaz, Hernan	165, 188, 189	Dominguez, Maria Luz	176
De Loos, Erik	200	Díaz, Jorge	178	Dominkus, Martin	46
Del Piccolo, Nicolandrea	42	Díaz, Ramiro	203	Domos, Peter	95, 158, 185
Del Valle Jou, Montserrat	198	Di Caprio, Francesco	84	Donaldson, James	46, 161, 175
De Marchi, Armanda	152	Di Carlo, Silvia	158	Donaldson, Oliver	103
De Meulemeester, Frank	121	Di Cave, Elvira	160	Donati, Davide	156
Demey, Guillaume	61, 163, 182, 194	Diesinger, Yann	153, 167, 191	Donnachie, Nigel	92, 127, 153
Demura, Satoru	34, 155, 176, 177	Dietze, Albrecht	180	Donovan, Skye	68
De Neve, Francis	173	Dietz, Sven	44	D' Orazio, Luca	193
Denic-Markovic, Ljiljana	203	Digennaro, Vitantonio	208	Dorea, Roberto Jose	155
Dening, Jan	180	Di Giorgio, Giantony	32	Dorn, Ulrich	152
Deniz Olgun, Zeynep	72	Dijkstra, P	68	Dosch, Jean	104
Denn, Peter	159	Dijkstra, Sander	45, 90	Dos Remedios, Carlos	115
Deol, Rupinderbir	155	Diliddo, Michele	156	Dos Santos, Ricardo	155
Deorian, Dinesh	167, 206	Dillon, John	62, 117	Doucette, Steve	39
Deo, Sunny	75	Dimaano, Fred	155	Dougall, Timothy	101
De Pellegrin, Maurizio	125	Di Martino, Alessandro	193	Douglas Price, Ana	32, 95, 126, 160, 174
Deren, Tagmac	193	Di Mascio, Livio	164	Douglas, Tania	175
Dericek, Alihan	158	Di Matteo, Berardo	193	Douma, Amalia	58
Dernovsek, Mojca	164	Dimeglio, Alain	84	Dowd, Michael	171
Der Tavitian, Jacob	173	Dimitriadis, Dimitris	44, 74	Dowen, Daniel	119, 199
DeSchepper, Jo	91	Dimitriou, Rozalia	53, 163, 206	Dowse, Claire	166
De Smet, Koen	28, 124	Di Monda, Antonio	160	Drabalos, Eustathios	167
Desmoineaux, Pierre	115	Dimou, Maria	161	Drabu, Roshan	159
Desouza, Ruth-Mary	157, 184	D'imperio, Fernando	202, 203	Drago, Gabriele	68, 69, 114
Desy, Nicholas	124	Ding, Ming	102, 103, 116, 127, 157, 190	Dreiangel, Niv	155, 176, 177
Deutch, Soren	53	Dionigi, Chiara	156	Dreinhöfer, Karsten	40, 83, 90
Devalia, Kailash	161, 179	Di Salvatore, Mariano Giuseppe	115	Drescher, Wolf	72
Devine, Declan	43	Disch, Alexander	114, 178	Drexler, Michael	151
Devlin, Eoin	204	Di Schino, Marion	180	Drobny, Tomas	111, 191
De Wilde, Lieven	173	Ditsios, Konstantinos	56, 103	Drosos, Georgios	127
Dewitz, Hauke	169, 174, 195	Djian, Patrick	69, 97	Drougas, Thrasivoulos	58
Dhaliwal, Jagwinder	88	D'lima, Darryl	155, 193	Drury, Colin	118
		Dodd, Christopher	58, 62, 97, 122, 196	Druschel, Claudia	114, 178

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Duarte, Filipe	32, 118, 168	Eid, Ahmed	157, 166	Ergun, P	167
Duarte, Rui	175	Eiskjaer, Soeren	178	Eriksson, Bengt	93, 94
Dubousset, Jean	94	Elbigawy, Hosam	207	Eriksson, Jonte	186
Ducat, Alexandre	184	Elena, Elvira	171, 175	Erquicia, Juan	169
Ducellier, Florian	165	Elfaki, Abdel	158	Ertel, Wolfgang	120
Ducic, Sinisa	206, 207	Elfatori, Salah	154	Esat, Ibrahim	94
Duckworth, Andrew	126, 197	El-Gazzar, Amr	207	Escámez, Ángel	191
Ducrot, Guillaume	169, 197	Elguindy, Ahmed	194	Escuder, Oscar	174
Dudhniwala, Abdul	158, 194	El-Husseiny, Moataz	42, 97, 154, 158, 167, 175	Espag, M	173
Dueck, Klaus	170	Elias-Martin, Maria	166	Espandar, Ramin	62, 173
Duffy, Dj	53	Elkin, Denis	189	Espehaug, Birgitte	30, 59, 75, 188, 205
Dunbar, Mark	32, 155	Ellens, Nigel	129, 157, 194	Espié, Aloïs	40, 189
Dundas, Sinclair	151	Elliott, James	165	Espi Esciva, Francisco	88
Dungl, Pavel	59	Elliott, Johanna	41	Esposito, Christina	52
Dunlop, Douglas	52, 102, 155	Ellis, Claire	199	Esposito, Ivan	168
Dunn, Andrew	158, 192	Ellison, Peter	51	Espregueira-Mendes, João	53
Durán, Carmen	176	El Mahboub, Nehad	179, 198	Essig, Jerome	76
Duran, David	185	El Meligy, Mohammad	50, 123	Essner, Aaron	51, 170, 171
Dursun, Muhsin	205	Elnikety, Sherif	42, 167, 175	Estat, Ibrahim	186
Dutra Roos, Bruno	182	El-Osta, Bassel	74	Esteban, Jaime	76
Dütsch, Michael	159	El Sallakh, Sam	88	Estella, Ruben	184, 201, 202
Dutta, Arup	116	El-Sayed, Ahmed Mounir	179	Esteve, Carles	125
Dutton, Thomas	157	ElSORafy, Kareem	75	Estrems Díaz, Vicente	199, 206
Duus, Benn	29, 59, 90, 160, 186	El-Tawil, Sherif	154	Etsuo, Chosa	94
Duus, Benn Ronnow	74	Eltohamy, Walid	179, 198	Evangelou, Kostantinos	198, 199
Dvorak, Marcel	96	Elton, Robert	128	Evans, Sam	113, 173
Dwyer, Amitabh	172, 204	Emanuelsson, Kristina	209	Evers, Katrina	206
<b>E</b>					
Eadsforth, Thomas	183	Emerek, Kasper	167	Everts, Vincent	62
Eajazi, Alireza	168, 193, 199	Emerson, Roger	52	Exe, Chauvet	162
East, Debra	129, 157, 194	Emery, Roger	104, 153, 174	Exner, Ulrich	151
Eaton, Mark	173	Emmeluth, Claus	118	Eyaggelopoulos, Dimitrios	201
Eberl, Robert	206	Emmett, Steve	112	Eysel, Peer	87, 111
Ebnetter, Lukas	52	Endo, Naoto	130, 181, 184	Ezquerria Herrando, Laura	153, 184, 201, 202
Ebreo, Darren	50, 123, 154	Engebretsen, Lars	39, 45, 69	<b>F</b>	
Eckardt, Henrik	113, 126	Engel, Anne-Marie	38	Facca, Sybille	165, 198
Economou, Alexis	159	Engell, Wilhelm	44	Fahey, Tom	181
Edge, Antonia	182, 201	Engelund, Dorthe	46	Fahlgren, Anna	101
Edmondson, Mark	129, 194	Engesaeter, Ingvild	188	Fahmy, Sherif	102
Edwards, Cleo-Daimaris	200	Engesaeter, Lars	29, 90, 188	Faircloth, Sofia	203
Edwards, Max	182	Engesaeter, Lars Birger	29, 51	Fairen, M	89
Efe, Turgay	162, 197	Ennis, Owain	29	Fairen, Mariano	161, 165
Efird, Chad	128	Epinette, Jean Alain	72	Faldini, Cesare	34, 88, 200, 208
Ehlinger, Matthieu	102, 187, 197, 200, 201, 204	Epos Group, The	112, 130	Faletti, Carlo	93, 152
		Erdmann, Nina	32	Falez, Francesco	63, 64
		Erdogan, Aysun	75		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Fallet, Laure	195	Ferry, Tristan	121, 126	Foster, Caroline	40
Falworth, Mark	175	Fessy, Michel-Henri	84, 97, 188, 191, 196, 201	Fotiadis, Elias	166
Fanarof, Hilton	29	Fevang, Jonas	29, 51, 59, 205	Fountain, James	127, 153, 157
Fandridis, Emmanouil	164, 174	Fialka, Christian	30, 31	Fowler, Andrew	153
Fantasia, Rossana	42	Fichman, Gil	155	Fraga Ferreira, José	42, 45, 85, 89, 102, 169, 207
Fan, Tiffany	178	Fickscherer, Andreas	162, 174	Fragiadaki, Despina	203
Faoite, Diarmuid	209	Field, Michael	30	Fragomen, Austin	155
Farag, Mohamed	90, 112, 160	Field, Richard	30, 53, 94, 166, 186, 187	Fraitzl, Christian	53
Faraj, Adnan	179	Figiel, Jens	162, 197	Francesconi, Dunia	208
Farid, Mohammed	167	Figueroa, David	168, 207	Franck, Alexander	87
Farizon, Frederic	76, 130, 183	Figueroa, Francisco	168	François, Benjamin	196
Farook, Mohammed	117	Filardo, Giuseppe	123, 193	Franke, Jörg	54, 87
Farsetti, Pasquale	99, 197	Filella, Xavier	193	Fraquet, Nicolas	93
Farshad, Mazda	84, 103, 155, 168, 172	Filippini, Paolo	51	Frasca, Dominique	30
Fary, Camdon	61	Fink, Bernd	64, 98	Fraschini, Gianfranco	104, 174
Farzan, Mahmoud	173	Finlayson, David	162	Fraser, John	157
Fatyga, Marek	45, 160	Fiocco, Marta	55, 184	Frattini, Marco	172
Faunoe, Peter	97, 168	Fiori, Roberto	173	Frauchiger, Lars	118
Faur, Cosmin	100	Firnbach, Franz-Peter	153	Freeman, Michael	30
Favard, Luc	31	Fischer, Jochen	173, 198	Freiberg, Andrew	157, 186
Favuto, Marco	93	Fischmeister, Martin	169	Freitas, Daniel	151, 163, 167, 168
Fawdington, Ross	163, 201	Fisher, John	50, 67	Freitas, Joana	118
Fazakerley, Steven	28	Fladmose Madsen, Carsten	29	Frey, Philipp	50
Fehily, Max	94, 182	Fletcher, David	76	Frich, Lars Henrik	39, 43, 113
Felix, António	151	Fletcher, John	122	Friedl, Wilhelm	28, 101, 125, 200
Fennema, Peter	127	Flieger, Ioannis	45, 208	Friesecke, Christian	116, 117
Fenstad, Anne	129	Flikweert, Petra	40	Friesem, Tai	60, 176, 178
Ferdinand, Rupert	62	Flivik, Gunnar	37, 52	Friesenbichler, Joerg	153, 170
Ferguson, Colin	163	Floerkemeier, Thilo	187	Frigola, Manuel	172
Ferguson, David	103	Flohr, Markus	77	Frihagen, Frede	51, 160
Ferguson, Diarmaid	174	Florescu, Sorin	100, 166	Friis-Moeller, Alice	164
Fernandes, Arnold	189	Flores, X	121	Frings, Andreas	151
Fernandes, James	208	Flouzat Lachaniette, Charles Henri	51, 68	Frioux, Renaud	93
Fernandes, Sofia	102	Foelsch, Christian	103	Frisoni, Tommaso	156
Fernández Bautista, Alejandro	94, 184	Foguet, Pedro	57	Fritsche, Andreas	50, 77
Fernandez, Diego	83, 86	Fokter, Nina	206	Fritz, Bernhard	77
Fernández Doménech, Pedro	177	Fokter, Samo	206	Fritzell, Peter	100
Fernandez-Fernandez, Ricardo	185	Folkvardsen, Steffen	169	Frøkjær, Johnny	28, 86
Fernández, Maria Angeles	153, 176	Fontaine, Christian	32, 115, 121	Frost, Andrew	82
Fernando, Marco	129	Fontana, Jacopo	42	Frostick, Simon	122
Féron, Jean Marc	203	Fontanin, Nicolas	188	Fruensgaard, Soeren	38
Ferran, Nicholas	44, 180	Fontes, Flavia	163	Fruhmann, Johanna	201
Ferrari, Emiliano	60	Font, Jordi	95	Fruja, Dan	204
Ferreira, André	183	Foote, Julian	180	Frunz, Simone	89
Ferreira, Nuno	101, 115	Forde-Gaskin, Desiree	95	Fuchs Winkelmann, Susanne	103, 162, 192, 197
Ferrer, Eugenio	151	Forward, Daren	158		
Ferris, Linda	42	Foss, Nicolai	74		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Füchtmeier, Bernd	67, 164	Galvin, Rose	44	Geary, Nick	28, 70, 77
Fudo, Kazumasa	192	Gamst, Hejdi	160	Gebauer, Matthias	42
Fuerst, Martin	192	Gandhour, Adel	170, 180	Gebert De Uhlenbrock, A	111
Fuhrmann, Renée A.	120	Gandía Correa, Antonio	202	Gebhard, Florian	39, 66
Fujii, Hideki	183	Gane, Cyril	170	Gebuhr, Peter	52, 74, 186
Fujii, Masakazu	194	Ganger, Rudolf	44	Gehrchen, Martin	34, 87
Fujimaki, Yoshiyasu	34, 155, 176, 177	Ganic, Zoran	168	Gehr, Jonas	125, 200
Fujishiro, Takaaki	121	Gänsslen, Axel	82	Gehrke, Thorsten	42, 159
Fujita, Hiroshi	39	Ganzer, Dirk	192	Geissler, Alexander	84
Fuji, Takeshi	181	Ganz, Reinhold	51, 94, 129	Gelalis, Ioannis	199
Fukunaga, Kenji	52, 184, 190	Garavaglia, Guido	76	Gelber, Pablo	169, 198, 202
Fukuoka, Shinichi	194	Garbuio, Patrick	102	George, Akintunde	30, 160
Fukuta, Makoto	197	Garbuz, Donald	182	Georgeanu, Vlad	169, 195
Fulghum, Christian	181	García-Castellano, Jose	152, 162, 164	George, David	155
Funk, Lennard	31, 32	García Cimbreló, Eduardo	85	Georgiou, Christos	177
Funovics, Philipp	46	García-Cimbreló, Eduardo	185	Georgiou, George	161
Furnes, Ove	29, 30, 51, 59, 61, 75, 127, 129, 188, 205	García-Crespo, Rodrigo	196	Georgoulis, Anastasios	199
Fursdon, Thomas	178	García De Frutos, Ana Clara	34, 87, 175	Gerber, Christian	40, 103, 155, 172
Furustrand, Ulrika	121	García, Diego	189	Gerber Popp, Ariane	44
Fusi, Simonetta	43	García-elvira, Ruben	201	Gerber, Robert	89, 171
Futai, Kazuma	194	García, Ester	169	Gergely, Istvan	159
<b>G</b>		García-Fernandez, Carlos	174	Gerlach, Darin	154
Gabarra Torres, Margarita	198	García-Forcada, Ignacio	125	Germann, Reinhard	127
Gabl, Markus	37	García Gutierrez, César	153	Gerostathopoulos, Nikolaos	174
Gabr, Ayman	171	García, Ignacio	171	Geurts, Ghislain	117
Gadgil, Anirudh	88	García, Lorena	101, 176	Geussens, Piet	83
Gaheer, Rajinder Singh	62	García-Parra, Pablo	205	Geutjens, Guido	119, 168
Gaillard, Christophe	126, 164	García, Ramona	128, 155	Ghandour, Adel	190
Gaillard, Tiphaine	164	García-Rey, Eduardo	185	Ghanem, Mohamed	112
Gaito, Valentina	158, 193	García-tarriño, Raquel	201	Ghosh, Sabyasachi	186
Gakhar, Harinder	163	Gardner, Richard	125	Giacometti Ceroni, Roberto	96
Galanos, Antonios	172	Garellick, Göran	38, 52, 61, 68, 111, 186	Giancola, Rinaldo	204
Galante, Claudio	34, 88, 200	Garfjeld Roberts, Patrick	159	Giannicola, Giuseppe	60
Galasso, Olimpio	188	Garg, Bhavuk	54, 95, 111, 117, 126, 127, 157, 160, 166, 171, 174, 185, 204	Giannini, Sandro	34, 41, 57, 83, 84, 88, 97, 123, 156, 200, 208
Galatro, Gustavo	174	Garlick, Nicholas	129	Giannoudis, Peter	35, 38, 53, 86, 94, 102, 120, 158, 161, 163, 183, 184, 198, 202, 203, 205, 206
Galaud, Bertrand	195	Garnavos, Christos	51	Giannoulis, John	58
Galbraith, John	75	Garron, Emmanuel	77	Giannoulis, Dionisios	197
Gale, Thomas	58	Gaskill, Trevor	115	Giannoulis, Filippos	174
Galey, Hadrien	115, 180	Gaskin, Julian	74, 95, 177, 179	Giavaresi, Gianluca	156
Gallagher, Kieran	123, 194	Gassmann, Sarah	203	Gibbons, Max	62, 68, 97
Gallego-Pulgarín, María Isabel	185	Gastaldi, Giulia	42	Gibb, Paul	115
Gallegos, Marcela	168	Gatt, Ray	165	Gibson, Alexander	96, 176
Gallinaro, Paolo	181	Gautier, Emanuel	119, 163	Gibson, Dessie	204
Gallo, Jiri	163	Gayed, Wade	119		
		Gayet, Louis Etienne	177		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Giebaly, Dia	197	Goldhahn, Joerg	50	Grange, Simon	155
Gie, Graham	188	Goldvasser, Dov	158, 194	Grant, Stephen	159
Giesinger, Karlmeinrad	52	Golhar, Anil	119	Grappiolo, Guido	63
Gigliofiorito, Gaetano	181	Gomez-Barrena, Enrique	76	Grassi, Alberto	73
Gikas, Panagiotis	46, 152, 161	Gómez-Galván, Mercedes	75, 88, 179	Graveleau, Nicolas	31
Gil, E	121	Gómez, Helena	178	Graves, Stephen	61
Giles, Nigel	200	Gómez, Jesus	201	Grechenig, Wolfgang	82
Gille, Justus	167	Gómez, Maria	176	Grech, Reuben	168
Gill, Harinderjit	57, 62, 68, 94, 97, 112, 124, 130, 181, 185, 188, 196	Gómez, María	157, 177	Grech, Stephan	168
Gill, Inder	157	Gómez, Maria Sagrario	178	Greco, Pasquale	204
Gill, Nick	163	Gomez, Mireia	171, 198	Greene, Meridith	52, 157
Gimesi, Csaba	39	Gomez Vallejo, Jesus	153, 191	Green, Marcus	169
Ginebreda, Ignacio	153, 158	Goncars, Valdis	188, 195	Green, Stephen	199
Giné, Josep	125, 179	Gonschorek, Oliver	125, 169	Green, William	173
Gino, Gian Carlo	152	Gonzalez, Eduardo	179	Gregori, Alberto	171
Gioka, Theodora	127	Gonzalez, Hugo	203	Gregosiewicz, Andrzej	45, 160
Giordmaina, Ryan	165	Gonzalez, Jose	202	Grice, John	82, 112
Giorgini, Luca	43	Gonzalez Lizan, Fausto	166	Griffin, Damian	112
Giraldez-Sanchez, Miguel	205	González López, José	177	Griffin, Michelle	32
Girard, Julien	28, 30, 112, 182	Gonzalez Scotti, Diego	172, 200	Griffiths, Dylan	46
Girdler-Hardy, Tom	176	Goost, Hans	100	Griffiths, Emmet	192
Giri, Sitaram	190	Gopalakrishnan, Ananthkrishnan	159	Grifka, Joachim	151, 156, 157
Gitard, Mariano	126	Gordon, David	41	Grigolo, Brunella	41
Givissis, Panagiotis	128, 178	Gornall, Ruth	164	Grigoras, I	167
Gjertsen, Jan-Erik	29, 51, 59, 205	Gorski, Albert	124	Grill, Franz	44, 74, 84, 114, 130
Glancz, Laurence	186	Gortzak, Yair	151	Grillo, Pier Paolo	181
Glanzman, Michael	121	Gosheger, Georg	54	Grimaldi, Mathieu	192
Glasmacher, Stefan	87	Gothesen, Oystein	30, 129	Grimberg, Bernard	75
Glehr, Mathias	153, 160	Gotschalk, Tina	, 27	Grimm, Bernd	42, 55, 76, 161, 189, 195, 200
Gleyze, Pascal	30	Gotterbarm, Tobias	90, 189	Grip, Helena	97
Glisic, Miodrag	168	Gottlieb, Hans	32	Grisch, Domenic	40
Glott, Thomas	82	Gottliebsen, Martin	39	Grishin, Volodya	189
Glover, Joanne	159	Gottrup, Finn	113	Grohs, Josef Georg	120
Glyn-Jones, Sion	28, 57, 94, 112, 124, 130, 181, 188	Goudie, Stuart	163, 166, 171, 206	Groll, Dianne	202
Glynn, Aaron	153	Gougeon, François	30, 193	Gronbech, Martin	115
Gneiting, Sabine	157	Gouin, François	69, 93, 98	Grønhaug, Lousie	209
Goa, Guoxun	45	Gouzou, Stephanie	198	Groseanu, Florin	180
Goddard, Richard	194	Govaerts, Kim	206	Gruber, Gerald	160
Godenèche, Arnaud	103	Governale, Giorgio	94	Grübl, Alexander	111
Godet, Julien	96	Gozalbes, Vicente	156, 184	Grupp, Thomas	77
Godolias, Georgios	87, 128, 174, 177	Gracia, Isidro	114	Grzesiak, Arthur	187
Godoy Monzon, Daniel	156, 166	Gradinger, Reinher	96	Guardia, Christine	171
Goebel, Paul	51	Gradl, Gertrud	179	Gudipati, Suribabu	205, 208
Goff, Thomas	163, 186	Grafanaki, Katerina	172	Guerado, Enrique	28, 125, 164
Goldberg, Victor	76	Graf, Reinhard	125	Guerra, E	121
		Grammatopoulos, George	57, 68, 94, 124, 130, 185	Guerra, Giovanni	46, 68, 114
				Guerrero, Rafael	176

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Guethoff, Wilhelm	151	Haider, Hani	77	Hartwright, David	185
Guggi, Thomas	111, 191	Hailer, Nils	39, 75	Harty, James	75
Guidi, Eric	28, 128	Haim, Amir	155	Harvey, Harvey	74
Guido, Rocca	69	Haimerl, Martin	157	Harvey, James	153
Guimarães, Rodrigo	51, 189	Haines, John	128	Harvey, Kate	185
Guimera, Vicente	101	Hakimi, Osnat	103	Harvey-Kelly, Katherine	94
Gulati, Ashish	77, 127, 152, 188, 196, 204	Hakim, Zuned	29	Harvie, Paul	195
Gulati, Vivek	203	Halas, Rebecca	101, 199	Harwood, Paul	158
Gulcek, Murat	205	Halberg, Michael	169	Hashim, Zaid	119
Güleyüz, Mehmet	174	Halder, Subhash	200	Hassaballa, Mo	30
Gulihar, Abhinav	32, 208	Haliker, Vikram	58	Hassan, Syed	111
Gull, Arif	53	Hallam, Peter	164	Hassan, Yasser	39
Gullichsen, Eero	119	Hallan, Geir	90, 188	Hasuo, Takaaki	166, 192
Gumina, Stefano	32	Haller, Guy	160	Hato, Tsunetoshi	192
Gundle, Roger	57, 94, 124, 185	Halliday, Ruth	203	Hatou, Tunetosi	166
Günther, Klaus-Peter	71	Hall, Matthew	172	Haugan, Kristin	188
Gupta, Tushar	58	Hamadouche, Moussa	43, 65	Haumont, Thierry	74
Gupte, Chinmay	156	Hamaguchi, Hidetoshi	194	Hauzeur, Jean-Philippe	33
Gurkan, Volkan	205	Hamlyn, Sarah	158	Havelin, Leif Ivar	29, 30, 51, 59, 129, 188, 205
Guryel, Enis	70	Hammerton, Hayden	162	Haverkamp, Daniël	52
Gutierrez, Manuel	153	Hananouchi, Takehito	192	Haviko, Tiit	186
Güven, Gulnur	158	Handel, Martin	156	Hayama, Tetsuo	183
Güven, Melih	203	Hangody, Lazlo	33	Hayami, Tadashi	181
Guyver, Paul	172	Han, Hyuk-Soo	123, 195	Hayashi, Hiroyuki	34, 155, 176, 177
Guzel, Ahmet	75	Han, Kyee	206	Hayes, David	75
Gwyn, Rhodri	29	Hannouche, Didier	68, 90	Heal, James	51
<b>H</b>					
Haas, Norbert	114, 178, 199	Hanny, Anwar	201	Heasley, Richard	161
Haas, Steven	77, 154	Hansen, Bjarne Hauge	68	Hedden, David	75
Habeeb, Shayma	39	Hansen, Ebbe	45, 114, 207	Hedley, Anthony	159
Hachiya, Masashi	187	Hansen, Knut Egill Parrington	52	Hedlund, Rune	29
Hackney, Roger	56	Hansen, Ole Bo	27	Hedström, Margareta	113
Haddad, Fares	42, 63, 68, 73, 97, 121, 154, 158, 167, 170, 196	Haque, Syed	46, 177	Heffernan, Christopher	160, 185
Haddad, Roger	84	Harada, Yoshitada	116, 123, 182	Heidari, Nima	54, 82, 206
Haddo, Omar	201	Hara, Toshiaki	181	Heikenfeld, Roderich	128, 174
Hadfield, Fiona	50	Hardaker, Cath	50	Heinert, Gideon	118, 191
Hadi, Mohammed	32	Hardeman, Francois	44	Heiner, Thomas	180
Hadjicharalambous, Kyrillos	189	Hardes, Jendrik	54	Heinrichs, Gerhard	180, 204
Hadley, Megan	50	Hardy, Marie-Béatrice	103	Helix, Marianne	126
Häger, Charlotte	97	Harmainen, Sampsa	202	Hellmers, Niels	173
Hager, Ioannis	208	Harrison, Jane	166	Hellström, Per	113
Haghsanah, Babak	62	Harrison, Paul	94	Helminen, Heli	75
Hahn, Michael	42	Harrison, Tim	90, 164	Helming, Peter	114
Hahn, Patrick	87, 177	Harris, William	76	Helmy, Naeder	65
		Hartley, Richard	44	Helsoe, Ida	112
		Hart, Radek	178, 190	Hemery, Xavier	188
		Hartsell, Zane	32		



# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Hemmady, Mukesh	52	Hirpara, Kieran	198	Hoppe, Sven	118
Hemmati Komasi, Mehdi	199	Hirschfeld, Miguel	125	Hoque, Martha	57
Henderson, Eric	46	Hitzl, Wolfgang	51	Horak, Martin	59
Hendrich, Christian	50	Hiza, Elise	128	Horan, Frank	101
Hennessy, Michael	41	Hoang-Kim, Amy	185, 202	Hördam, Britta	209
Henriksen, Susan	102	Hochreiter, Josef	31	Horigome, Yoji	181
Henry, Julien	84, 188	Hockertz, Ingrid	94	Horiuchi, Yukio	197
Hentschel, Markus	174	Hockertz, Thomas	94	Hornicek, Francis	46
Heppert, Volkmar	96	Hockings, Michael	119, 167	Hosahally Thimegowda, Abhilash	190
Hepp, Pierre	198, 203	Hoc, Thierry	90	Hossain, Fahad	97, 154, 167, 173, 179
Herard, Patrick	55	Höde, Nora	119	Hossain, Munier	112
Herberts, Peter	68	Hodhody, Ghazal	28	Hosseini Khameneh, Seyyed Mehdi	193
Heristanidu, Eugenia	177	Hoeckle, Christian	179	Houlihan-Burne, David	91
Hermida, Juan	155	Hoedemaeker, Russalka	160	Hourlier, Hervé	127
Hernández, César	195	Hoekstra, Henk	57, 76	Houston, Anthony	89
Hernandez Ferrando, Lorenzo	190, 206	Hoël, Gérard	197	Hovik, Oystein	127
Hernández, Javier	151	Hoevsgaard, Susanne	208	Howard, Andrew	71, 207
Hernigou, Philippe	51, 68	Hoey, Kristian	114	Howard, Anthony	113
Herold, Falko	44	Hoffmann, Christoffer	27	Howard, Peter	89, 127
Herrera, Lizeth	51, 170, 171	Hoffmann, Frank	65	Howdle, Steve	102
Herrera Rodriguez, Antonio	175, 183	Hoffmann, M	161	Howell, Francis	166
Herrler, Andreas	173	Hoffmann, Reinhard	126	Howell, Jonathan	87, 188
Hersekli, Murat	158	Hoffmeyer, Pierre	28, 41, 43, 50, 60, 66, 76, 88, 90, 98, 99, 101, 160, 168, 172, 181, 205	Howieson, Alan	103
Hess, Michael	122	Hofmann, Siegfried	86	Hoy, Kristian	45
Hess, Rolf	118	Hofstaetter, Jochen	115	Hrobjartsson, Asbjorn	43
Heuberger, Joris	160	Hofstetter, Wilhelm	156	Hsu, Chien Jen	176
Heussen, Nicole	103	Hofstetter, Willy	43	Htein, Win	53
Hevia Sierra, Eduardo	96, 157, 176, 177, 178	Hohl, Nicolas	153	Hualde, Ana	201
Heyde, Christoph-Eckhard	90, 160	Holck, Kim	74	Hubble, Matthew	188
Heyligers, Ide	55, 76, 161, 189, 195	Holger Hansen, Steen	58	Huber, Manfred	40
Heyse, Thomas	77, 154, 192	Holinka, Johannes	167	Huber, Monika	111
Hideki, Murakami	151	Holland, Christopher	103, 174	Hube, Robert	63
Hierholzer, Christian	44	Holland, Linda	153	Huddleston, James	52
Highton, Lyndsey	29	Holmberg Jorgensen, Peter	125	Huerta Escandón, Daniel	203
Hilaneh, Abdallah	39	Holmes, Fiona	125	Huerta-Hidalgo, Jose Damian	205
Hill, Daniel	167, 206	Holm, Henriette	209	Hüfner, Tobias	202
Hilmi, Radwan	60	Holm, Ole	199	Hughes, Adrian	194
Hindsø, Klaus	74, 87	Holschen, Malte	173	Hughes, Andrew	203
Hing, Karin	102	Holsgaard-Larsen, Anders	55	Hughes, Michael	102
Hingmann, Simon	112	Holsten, Dirk	73	Hughes, Phillip	171
Hintermann, Beat	179	Hölzer, Andreas	174	Hugh, I	89
Hipp, John	155, 176, 177	Holzer, Nicolas	28, 41, 160	Huguet, Jordi	174
Hirakawa, Kazuo	189	Homeier, Annika	28	Huguet, Pere	152
Hirose, Shiro	180	Hommel, Ami	26, 27	Hui, Anthony	206
Hirotake, Yo	52	Honda, Emerson	51, 189	Huk, Olga	124
Hiroyuki, Hayashi	151			Hulley, Philippa	103
Hiroyuki, Tsuchiya	151			Hultenby, Kjell	42

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Hunter, Alistair	159	Inmann, Moritz	90	<b>J</b>	
Huntley, Jim	207	Inori, Fumiaki	52, 184, 190	Jabbar, Yaser	202
Hussain, Altaf	118	Inoue, Kei	34, 155, 176, 177	Jackson, Mark	125
Hussain, Anwar	166	Inoue, Ryo	183	Jackson, William	36, 97, 196
Hussain, Azad	50, 68, 123	Ioannou, Maria	172	Jacobi, Matthias	119, 163
Hussain, Azhar	157	Iossifidis, Anestis	128, 172	Jacob, Jagan	199
Hussain, Shakir	171	Iotov, Andrey	82, 199, 201	Jacobsen, Steffen	74
Hussain, Shazeena	111	Ipek, Serdar	203	Jaeger, Jean	169
Husted, Henrik	54, 58, 91, 110, 116, 166	Ippolito, Ernesto	197	Jaffar Bandjee, Zeinoul	197
Hustinx, Paul	200	Iqbal, Hafiz	60, 170, 183	Jafri, Anwar	159
Hutchinson, Rachel	164	Iqbal, Shoaib	60	Jagernauth, Simond	158
Huttel, Urs	174	Iqbal, Syed	32	Jahangiri, Saquib	126
Huylebroek, José	56	Irby, Sarah	62	Jahnich, Hagen	115
Huysmann, Pol	30	Iriarte, Hernan	186	Jain, Dhavalakumar	171
Huysse, Wouter	73	Iriberry Etxabeguren, Iker	198	Jain, Neil	32, 189
Hvolris, Jesper	164	Irwin, Les	112, 171	Jakobsen, Thomas	166
Hwang, Seung Hyun	119, 156	Isaac, Graham	50	Jakobsen, Ulla	38
Hygen, Hans Olav	160	Isa, Munazzah	158	Jalgaonkar, Azal	69, 114, 167
Hyvönen, Pekka	119, 173	Isart, Anna	74, 95, 158, 172	Jalovaara, Pekka	173, 202
<b>I</b>		Isbister, Eric	155	James, Leroy	207
Iacono, Francesco	123, 163, 191	Iseron, Kenneth	156, 166	Jameson, Simon	55
Ian, Trail	128	Ishibashi, Yasuyuki	183	James, Philip	55
Ibàñez, Natalia	190	Ishibe, Motomi	130	Jämsen, Esa	75
Ibnoukhatib, Aïssa	187	Ishii, Yoshinori	61, 190, 191	Jang, Jak	30, 129, 170
Ide, Heyligers	189	Isidro Llorens, Albert	179	Jansson, Volkmar	43, 61, 77, 98, 162, 174
Iga, Toshirou	184	Islam, Mueedul	127	Jäntti, Pirkko	75
Ignacio, Ginebreda	74	Ismaylov, Djeychun	189	Japie, Ionut	90, 196, 204
Iida, Hirokazu	187	Isnard, Julien	93	Jarecki, Jaromir	170
Ilchmann, Thomas	52, 89	Itoh, Kanako	187	Jarrett, Bryan	76, 186
Iliadis, Alexios	96, 176	Itoi, Eiji	32, 172	Jarvers, Jan- Sven	87
Ilic, Marko	179	Ito, Masayuki	184	Jarvis, Andrew	60, 180, 204
Iliopoulos, Efthimios	166	Ito, Naoyuki	170	Jassim, Shivan	186
Illés, Tamas	60, 94, 95	Ito, Tomoyuki	130, 181, 184	Jauffred, Sune	29
Imai, Norio	130, 184	Ivan, Alexandru	125	Jauregui, Ricardo	166
Imaizumi, Tsukasa	192	Ivanescu, Adrian	169	Javed, Sadaf	111
Imam, Fahima	165	Ivanov, Vladimir	82, 201	Javed, Saqib	112
Imhoff, Andreas	73, 192	Iwai, Shintaro	181, 183	Jayachandran Saraswathy, Jayadeep	171
Impellizzeri, Franco	50	Iwamoto, Keizi	194	Jazayeri, Seyyed Mohammad	168
Inaparthi, Praveen	116, 187	Iwasaki, Hiroki	183	Jeavons, Lisa	127
Indelli, Pier Francesco	194, 196	Iwase, Miho	189	Jeavons, Richard	119, 160, 199
Indrekvam, Kari	75, 188	Iwase, Toshiaki	39	Jeer, Parminder	167
Infante, José Rafael	176	Iyengar, K	201	Jelski, Joseph	29
Inglis, Robert	159	Iyer, Shabnam	163	Jemna, Constantin	125
Ingvarsson, Thorvaldur	110	Izquierdo Corres, Oscar	101	Jenkins, Paul	89, 126, 176, 193
In Het Veld, Bastiaan	58			Jennings, Andrew	165
				Jenny, Jean-Yves	61, 153, 167, 191

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Jensen, Carsten	53, 181	Joseph, Pamu	68	Kamal, Tamer	112, 175
Jensen, Cyrus	156	Joshi, Yogesh	194	Kamath, S	172
Jensen, Gunnar	44	Jost, Bernhard	40	Kamikawa, Koya	195
Jensen, Karen	208	Josten, Christoph	35, 87, 119, 198, 201, 203	Kanakaris, Nikolaos	94, 158, 184, 198, 202, 203, 205, 208
Jesudason, Prash	32	Journeau, Pierre	74	Kanan, Arun	157
Jesus, José	168	Jousmäki, Janne	75	Kaneda, Kunikazu	167
Jeyaseelan, Luckshmana	155, 166, 191, 202	Jouve, Jean-Luc	207	Kaneko, Masako	90, 154
Jiamwatthanachai, Pongnarin	157	Jowett, Charlie	152, 154, 161	Kaneko, Takeshi	189
Jia, Wei Tao	68	Joyce, Tom	159	Kanellopoulos, Anastasios	208
Jimenez, Daniel	166	Juando Amores, Carlos	88	Kaneyama, Ryutaku	192, 193
Jin, Dong Xu	68	Judge, Andrew	124	Kang, Seung-Baik	123, 195
Jinnah, Riaz	196	Jumtins, Andris	184	Kankare, Jyrki	119
Jin, Zhongmin	153, 161	Jung, Jae Ho	152	Kantak, Avadhoot	117, 180, 196
Jobin, Florence	187	Jung, Kwang Am	32, 119, 156, 182, 192, 193	Kapetanos, George	176, 191
Joergensen, Henrik	29, 90, 112, 192	Juranova, Jarmila	163	Kapoukranidou, Dorothea	103
Joergensen, Mogens	184	Jürgens, Christian	28, 60, 157	Kappe, Thomas	53
Johanson, Per-Erik	76	Juste Díaz, Jorge	199	Karachalios, Theofilos	38, 57, 72
John, B	204	Justo Astorgano, Cristina	178, 202	Karadimas, Efthimios	94, 205
John, Joby	176	Jutten, E	184	Karageorgos, Athanasios	177
Johnson, Alistair	199			Karagiannis, Apostolos	100
Johnson, Benjamin	163, 201	<b>K</b>		Karakitsios, Sterios	175
Johnson, Geoffrey	116, 190	Kabata, Tamon	163, 181, 183	Karampinas, Panagiotis	201
Johnson, Nicholas	153	Kabir, Koroush	100, 175	Karanikolas, Menelaos	177
Johnson, Steve	165	Kabukcuoglu, Yavuz	165, 190	Kara, Sadullah	203
Johnson, William Eustace	158	Käch, Kurt	44, 199	Karataglis, Dimitrios	128
Johnston, Andrew	97, 158	Kaczynski, Jakub	159	Karius, Thomas	100
Johnstone, Alan	100, 199, 200	Kadokia, Anish	200	Kariya, Satoru	130
Johnston, Phillip	158	Kadar, Thomas	188	Karmani, Shuaib	177
Jokipii, Pekka	75	Kaftandziev, Igor	204	Karpik, Stefanie	51, 174, 200
Jolck, Susanne	209	Kaider, Alexandra	111	Kärrholm, Johan	30, 52, 61, 67, 76, 111, 157
Jolles, Brigitte	187, 195	Kainz, Hans	192	Karuppaiah, Karthik	89, 115, 117, 175, 178, 206
Jones, Alison	153, 161	Kajino, Yoshitomo	181, 183	Karuppiah, Saravana	84, 101, 199
Jones, Andrew	102, 155	Kajiwara, Toshihisa	187	Kaseb, Mohammad Hasan	62
Jones, Bryn	30, 93, 118	Kakagia, Despoina	205	Kashihara, Minoru	176
Jones, Elena	102	Kakarala, Gopi	171	Kashyap, Shankar	28
Jones, Graeme	89	Kakkar, Rahul	161, 174, 199	Kaspersen, Jon	178
Jones Iii, Robert	154	Kakwani, Rajeshkumar	28, 112, 155, 171, 180	Kassianos, Alexander	127
Jones, Nadine	163	Kalairajah, Yegappan	111, 155	Kastanis, Grigorios	202, 203
Jones, S	163	Kalayci, Kazim	95	Kastner, Norbert	160
Jones, Stephen	203, 204	Kaleel, Saajid	95, 187	Katayama, Naoyuki	39
Joo, Jong-Hwan	111, 180	Kälicke, Thomas	173	Katchburian, Marcos	89, 207
Jordan, Marcos	202	Kallikatzaros, Manolis	190	Katehall, Amanda	164
Jorge, Alberto	101	Kalnberzs, Konstantins	188, 195	Kateros, Konstantinos	58, 188, 204
Jorge Mora, Alberto Agustin	198	Kalogriantis, Socrates	200	Kati, Alper	205
Jorgensen, Henrik	29, 59, 160, 168, 186	Kalra, Spandan	102	Kato, Satoshi	34, 155, 176, 177
Jörgsholm, Peter	46	Kamali, Amir	50, 68, 123		
Joseph, Jibu	154				

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Kato, Tsutomu	183	Khandeparkar, Vivek	163, 198	Kjersgaard, Anne Grete	38
Katranitsa, Lamprini	128, 178	Khan, Farrukh	208	Klauser, Wolfgang	92, 93, 118, 179, 193
Katsenis, Dimitris	103, 198	Khan, Hayat	174	Klebukowski, Jaroslaw	170
Katsoulis, E	161	Khan, Riaz	52, 191	Klein, Paul	169
Katthagen, Jan Christoph	44	Khan, Tahir	206	Klenke, Frank	43, 156
Kaushanski, Alexander	75, 124, 182	Khan, Ussam	182	Klezl, Zdenek	96, 100, 151, 176
Kavroydakis, Eustratios	201	Khan, Yousaf	170	Klinkenbijn, Mark	52
Kawaguchi, Satoshi	151	Khashan, Morsi	151	Kluess, Daniel	51
Kawaguchi, Yasuhiko	183	Khatri, Dharmesh	157	Knahr, Karl	37, 65, 67, 72
Kawaguchi, Youhei	197	Khefacha, Ahmed	192	Knerr, Matthias	173
Kawahara, Norio	34, 155, 176, 177	Khokhlova, Olga	205	Knessl, Jürg	98, 100
Kawashima, Kunihiko	194	Khunda, Aiman	203	Knight, Dominique	44, 207
Kaya, Mitsunori	151, 187	Khurana, Ashish	205	Knobe, Matthias	59, 82, 112, 173, 179
Kazayeu, Siarhei	113	Kidd, Alexander	65, 162, 167	Knowles, David	189
Kazemi, Seyyed Morteza	168, 193	Kienle, Karl-Philipp	93	Knudsen, Camilla	115, 169
Kazi, Hussain	157	Kikuchi, Akira	181	Knupp, Markus	179
Keating, John	167	Kilic, Ayhan	165	Kobayashi, Masaki	194
Kechagias, Vasilios	127	Killampalli, Vijay	185	Kobbe, Philipp	59, 82, 94, 112, 179
Keck, Johannes	93	Kim, Hee Joong	184, 202	Kocheta, Alex	203
Keeling, Parnell	113	Kim, Ji Wan	159, 163, 202	Koch, Peter	64, 84, 168
Keel, Marius	34, 124, 205	Kim, Jong In	202	Kociz, Nina	28
Keenan, Andre	59, 115, 176, 193	Kim, Jung Jae	159, 163, 202	Kodumuri, Preetham	119, 168
Keenan, Jonathan	58, 204	Kim, Jun-Shik	111, 180	Koehnlein, Werner	90
Kehlet, Henrik	74, 88, 91, 166	Kim, Juyoung	202	Kofoed, Hakon	60, 83
Kei, Inoue	151	Kim, Paul	57	Köhler, Daniel	82
Kelberine, François	37, 39, 56, 73	Kim, Seung-Jang	32	Kohl, Sandro	51, 204
Kelly, Andrew	29, 160	Kim, Won Ho	169	Kohn, Ludwig	73, 192
Kelly, Michael	28	Kim, Yong Min	77, 201	Kok, Alison	161
Kelly, Natalie	77	Kim, Young-Hoo	111, 180	Kok, D	112
Kempf, Jean	104	Kinbrum, Amy	95	Kolar, Milan	163
Kenanidis, Eustathios	176, 191	Kincaid, Robin	127	Kolawole, Rebecca	192
Kendoff, Daniel	42, 92, 118, 159, 179, 193	Kiran, Amit	104	Kolb, Alexander	111
Kendrick, Ben	62, 97	Kirjavainen, Mikko	119	Kold, Soren	53, 124
Kennedy, Jim	44, 175	Kirketerp-Møller, Klaus	95, 113, 121	Kolisek, Frank	32
Kent, Matthew	95	Kirou, Miltiadis	173	Kollender, Yehuda	151
Kenyon, Peter	102, 183, 184	Kirshner, Genadi	75, 124	Koller, Heiko	51
Kerkhoffs, Gino	37, 41, 62	Kiryttopoulos, Petros	166	Kollia, Panagoula	165
Kerr, Hui-Ling	119	Kish, Benyamin	59	Kolundzic, Robert	68
Kerss, Jim	203	Kishida, Shunji	116, 123, 182	Komp, Martin	87, 177
Kesteris, Uldis	64	Kishiya, Masaki	181, 183	Komzák, Martin	178
Kester, Mark	159, 171, 193, 194	Kiss, Jenő	57	Kon, Elizaveta	67, 123, 193
Keurentjes, Johan	55, 184	Kitada, Shinpei	59	König, Merete	199
Keyhani, Sohrab	168	Kitahara, Hiroshi	184	Konijn, Louise	30
Khaleel, A	202	Kitson, John	155	Konstantiniuk, Peter	201
Khan, Abdul	50, 123	Kjaersgaard-Andersen, Per	40, 41, 54, 63, 72, 88, 92, 111	Konstas, Athanasios	205
Khan, Asif	151			Koo, Kyung-Hoi	72, 184, 202

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Koppens, Daan	186	Kravas, Athanasios	166	Kyriakopoulos, Georgios	208
Kopylov, Philippe	83, 95	Kregor, Philip	113	Kyriakopoulos, Stamatis	156
Kordas, Geza	183	Krettek, Christian	202	Kyriazis, Yiannis	89, 171
Korduba, Laryssa	170	Krikler, Steve	57, 183, 184	Kyrtsonis, Marie-Christine	161
Kormpakis, Ioannis	175	Krismer, Martin	51, 67, 82, 85		
Korolev, Andrey	30	Kristen, Karl Heinz	57	<b>L</b>	
Koromila, Theodora	165	Kristensen, Helle	102	Labek, Gerold	51, 66, 184
Korovessis, Panagiotis	50, 178	Kristensen, Morten	74	Laborie, Lene	188
Korstjens, Clara	62	Krithymos, Thomas	58, 204	Labrada Blanco, Octavio	77
Korting, Oliver	198	Kroft, Lucia	45	Lacey, Emma-Kate	166
Kort, Nanne	36	Krogsgaard, Michael	73, 168	Lacoste, Sophie	203
Korzha, Mykola	177	Kröpfl, Albert	169	Lacroix, Damien	190
Köse, Cem	204	Krueger, Andreas	204	Lädemann, Alexandre	50, 181, 201
Kosior, Piotr	170	Krug, Egbert	35	Ladislav Kova i	31
Kosmidis, Ilias	208	Kruijntjens, D	184	Lador, Ran	155, 176, 177
Kostas, M	166	Krupp, Friederike	187	Lad, Priya	153
Kostov, Dimitar	82	Krushinski, Moti	182	Laffargue, Philippe	130, 188
Kosukegawa, Ima	187	Kryl, Jan	34, 53, 96	Laffer, Caroline	173
Koter, Stephan	201	Kubo, Yuumi	170	Laffosse, Jean Michel	40, 169, 187, 189
Kothari, Alpesh	206	Kucheria, Rakesh	194	Lagae, Koen	73
Kotoulas, Elias	156	Kucukdurmaz, Fatih	95	Lagalla, Francesco	192, 193
Kotsonis, Alexandros	88	Kuhlow, Heide	165	Lagerstedt, Ann-Sofie	42
Kotwal, Prakash	54, 95, 117, 126, 160, 166, 171, 174	Kuiper, Jan	201	Lahoti, Om	207
Kotwal, Rahul	125, 198, 203, 204	Kulesha, Gene	155	Laing, Patrick	120
Kotzer, Yuri	182	Kulikov, Yuri	112	Laios, Thomas	208
Kotz, Rainer	46	Kulkarni, Abhaya	185	Lakemeier, Stefan	103
Koukos, Anastasios	175	Kumaralingam, Preyankhee	74	Lakkol, Sandesh	54, 60, 176, 178
Koulieris, Efstathios	161	Kumar, Chinnasamy	166	Lal, Mohan	117
Kountoudis, Anastasios	173	Kumar, Panamoottil	186	Lamas, Claudia	126, 171
Kouris, Antonis	103	Kumar, Sathish	151, 177	Lambert, Simon	175
Kouzelis, Antonios	198	Kumar, Vijay	54, 58, 111, 126, 127, 157, 160, 166, 185, 204	Lam, Khee Sian	45
Kovac, Simon	51	Kundt, Guenther	192	Lam, Li-On	52
Kovac, Vladimir	34	Kunugiza, Yasuo	156, 194	Lamontagne, Mario	185
Kovilazhikathu Sugathan, Hari	190	Kurdy, Nasser	28	Landmann, Regine	43
Kozak, Lukasz	170	Kurita, Masahiro	156, 194	Lang, Alan	175
Kraevsky, Pavel	82, 201	Kuroda, Kazunari	181, 183	Lang, Derek	161
Kralinger, Franz	44	Kurth, Andreas	65, 92	Lange, Jeppe	32
Kralj, Marko	174	Kuster, Markus	52	Lange, Regina	77
Krallis, Panagiotis	208	Kutter, Andreas	165	Lange, Vivien	167
Kramer, D	84	Kvalheim, Gunnar	33	Lang, Jason	196
Krantz, Nicolas	112, 182	Kwon, Brian	96	Langlois, Jean	43
Krashennikoff, Michael	74	Kwon, Do Sung	152	Langton, Dj	124
Krause, Alexandra	172	Kwon, Soon Yong	154	Lanham, Stuart	102
Krauspe, Rüdiger	44, 58, 84, 99, 100, 125, 207	Kwon, Young-Min	129, 157	Larson, Christopher	73
Kraus, Tanja	206	Kyriakidis, Anastasios	164	Larsson, Sune	187
		Kyriakidis, Theophylaktos	164	Lascelles, Simon	167
				Lascombes, Pierre	53, 74, 99, 100, 114

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Lassen, Michael-Rud	64, 65, 122, 160	Lee, Kee Heang	187	Levasic, Vesna	51
Lass, Richard	167	Lee, Kyung Hoon	187	Lewinski, Gabriela Von	187
Latalski, Michal	45, 160	Lee, Myung Chul	30, 129, 170	Lewis, James	61, 155
Lataster, M	177	Lee, Robert	96, 177	Lewis, Michael	163, 206
Latham, Jeremy	64	Lee, Sahnghoon	30, 129, 170	Lewis, Peter	163, 198
Latif, Amar	194	Lee, Sang Min	30, 129, 170	Lewthwaite, Simon	53
Latif, Aysha	196	Lee, Su-Chan	32	Liakos, Theodoros	164
Lattanzio, Pierre-Jean	188	Lee, Tong Joo	152, 180	Liarakos, Nikolaos	208
Latte, Carmine	115	Lee, Won Jun	182, 192	Liarokapis, Spyros	190
Lau, Abe	160	Legré, Régis	207	Licari, V	68
Launay, Franck	207	Lehmann, Trude	188	Li, Chenxi	50, 68, 123
Laurent, Frederic	121, 126	Lehner, Burkhard	66	Lichtenstein, Leonid	75, 124
Laurenti, Filippo	198	Le Huec, Jean-Charles	95, 100	Lichte, Philipp	59, 82, 112, 179
Lauri, Giulio	199	Leibowitz, Evan	194	Lidder, Surjit	82, 182
Lauritzen, Jes Bruun	29, 59, 90, 91, 98, 98, 160, 186, 192	Leicht, Pernille	117	Lidle, Alexander	163
Laursen, Jens Ole	75	Leite, Maria	90	Liegl-Atzwanger, Bernadette	170
Laursen, Mogens	184	Leithner, Andreas	31, 54, 114, 151, 153, 160, 169, 170	Lie, Stein Atle	29, 51, 90
Lavigne, Martin	182	Le, Kim-Phuong	170	Li, Haisheng	114, 161
Lawrence, Joseph	194	Lelio, Erica	59	Li, Jian	101
Lawton, Robert	57	Le Meur, Maël	189	Liliyanov, Danail	82, 201
Lazarinis, Stergios	39	Lemonne, François	205	Liljensoe, Anette	75
Lazar, Joanna	74, 206	Lemser, Tom	74	Lill, Helmut	44
Lazennec, Jean Yves	60, 95, 60, 156, 184	Lems, Willem	83	Lilliyarov, Danail	161
Leach, William	162, 196	Leonardsson, Olof	52, 202	Lima, Sara	101, 115
Learmonth, Ian	190	Leonetti, Danilo	34, 88, 200, 208	Lim Fat, Daren	44
Lechler, Philipp	151, 156, 157	Leong, Julian	153	Lim, Justin	82
Lech, Osvandré	53	Leong, Wei	201	Lim, Michael	160
Leclerc, Gregoire	102	Leonhardt, Jane	208	Linari, Alessandra	152
Lecoz, Loïc	189	Leonhardt, Marcos	181	Lindau, Tommy	37, 46
Le, Dang	161	Leonidou, Andreas	45, 113, 153, 161, 208	Lind, Bent	90
Lederer, Stefan	51, 174, 200	Leonidou, Omiros	45, 208	Lindfors, Nina	119
Ledesma, Rubén	181, 184	León, Vicente	191, 195	Lind, Martin	84, 97, 98, 110, 168
Le Duy, Xavier	187	Lepage, Daniel	102	Lindoe, Lars	75
Lee, Choon-Key	32	Lepetsos, Panagiotis	45, 208	Linhart, Wolfgang	206
Lee, Dong Chul	169	Leppilahti, Juhana	173, 202	Linke, Sabine	112
Lee, Dong-Nyoung	123, 195	Lerch, Matthias	182, 187	Lin, Shang Chih	153
Lee, Dong Won	119, 156, 182, 192	Leroy, Marc	115	Linsley, Peter	76
Lee, Eng-hin	45	Lesic, Aleksandar	82, 119, 163, 179, 200, 203	Lintner, Felix	111
Lee, Gye Wang	152, 180	Lesnicar, Gorazd	164	Lintz, Francois	69
Lee, Hwa Sung	154	Letson, Douglas	46	Lipperts, Matthijs	55, 161
Lee, Jae-Keun	152	Leung, Frankie	44	Lisón, Alonso	191, 195
Lee, Joon Kyu	30, 129, 170	Leunig, Michael	50, 59, 73, 94	Listringhaus, Rico	128, 174
Lee, Jung-Sub	32	Leuzinger, Jan	168	Li, Tao	178
Lee, Kang-Sik	159	Levadoux, Michel	164	Little, David	155
Lee, Kee-Haeng	189			Littlejohn, Ian	112
				Liverneaux, Philippe	165, 198

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Livingstone, James	29, 112	Loving, Laquawn	51, 170	Madero, Rosario	185
Livio, Françoise	119, 163	Lovse, Thomas	153	Madry, Henning	67
Lladó Blanch, Andreu	34, 87	Lowry, Conor	188	Madsen, Christian	90
Lobato Trenado, Sandra	198	Lozano Alvarez, Carlos	87	Madsen, Jan Erik	51, 82
Lobo Escolar, Antonio	175	Lozano, Luis	128, 155, 169, 193	Maeda, Toru	181, 183
Lobo, Paulo	53	Lübbecke, Anne	28, 41, 50, 76, 90, 160, 181	Maempel, Julian	28, 46, 69, 178
Löcherbach, Claus	97, 195	Lucas, Arne	32	Maffulli, Nicola	39
Loew, Markus	110	Lucena, Luis Eduardo	189	Maggs, Joanna	200
Lofthus, Cathrine	51, 160	Lucena, Mayte	179	Magnan, Bruno	56
Logan, Scott	194	Lucksanasombool, Prasit	32	Magnissalis, Evangelos	152
Lohmander, Stefan	62	Lund, Bent	97, 168	Magnussen, Robert	163
Lohmann, Christoph	151, 192	Lundgren, Lars	97	Magoariec, Hélène	90
Lomberget, Marie-Caroline	194	Lund Jensen, Steen	115	Maguire, Gerald	158
Londero, Alejandro	169	Luneau, Sebastien	40	Magyar, Adam	39
London, Nicholas	75	Luo, Chu An	153	Mahadevan, Devendra	58
Longstaff, Lee	189	Lupescu, Olivera	169	Mahaisavariya, Banchong	55, 157, 173
Lopa, S	162	Luque, Rafael	129, 174, 196	Mahendra, Ashish	151
Lopes, Ana	153	Lustig, Sebastien	61, 62, 121, 126, 163, 182, 194	Mahmood, Aatif	41
Lopes, Daniel	101, 115	Luyten, Frank	195	Mahmood, Tariq	180
Lopes, Maria	153	Luzon, David	160	Maia, Ricardo	175
Lopez-Castellaro, Jaime	57	Lyon, David	64	Mai, Burkhard	189
Lopez-Duran, Luis	129, 196	Lyons, Kathleen	125, 204	Maier, Michael	181
López, Jorge	175	Lyrtzis, Christos	179	Maillard, Olivier	69
Lopez, Jose Antonio	178			Mainil-Varlet, Pierre	33
López Mondéjar, José	96, 157, 176, 177			Mainzer, Jens	118
Lopomo, Nicola	73, 85	<b>M</b>		Mainz, Hanne	209
Lo Presti, Mirco	123, 163	Maalouf, Ghassan	98	Maireles, Miriam	151
Lorber, Verena	43	Maansson, Lukas	52, 127, 185, 188	Maire, Nicolas	204
Lord, Breck	205	Maasalu, Katre	186	Mai, Sabine	189, 196
Lorente, Rafael	176	Maas, Mario	41	Majed, Addie	154, 161
Lorusso, Vincenzo	125, 165, 178	Mabit, Christian	77	Majeed, Haroon	100, 127, 151, 176
Loste Ramos, Antonio	175	Mabrey, Jay	77, 118, 196	Majernicek, Marek	59
Lota, Amrit	206	Maccagnan, Elena	57	Majewski, Martin	44, 153, 199
Lotzof, Kevin	152	Macdonald, David	184	Majó, Joan	114
Louati, Hakim	182	Macdonald, Deborah	61	Majstorovic, Marko	207
Lou, Bo	196	Macfie, J	55	Mäki-Rajala, Aila	75
Loughenbury, Peter	55	Macheras, George	71, 85	Malchau, Henrik	52, 67, 76, 129, 157, 158, 186, 194
Louis, Marie-Laure	126, 189	Machin, David	152	Malhi, Arfan	75
Louis, Pascal	61, 191	Machulik, Rudi-Mario	192	Malhotra, Rajesh	54, 58, 111, 126, 127, 157, 160, 166, 185, 204
Loureiro, Miguel	32, 118, 168	Macintyre, James	160	Malik, Sultan	126
Lourenço, João	85, 89, 169	Macintyre, Jim	185	Malizos, Konstantinos	85, 172
Louverdis, Dionysios	205	Macleane, Angus	112, 196	Malkus, Tomas	59
Louwerens, Jan Willem	56, 70, 83, 120	Macleane, Simon	185, 194	Mallmin, Hans	39, 75, 187
Loveday, David	77	Macleod, Kirsty	155	Malmsjo, Malin	35
Love, Gavin	189	Mac Thiong, Jean-Marc	60	Malovic, Mario	197
Loveridge, Jeremy	82	Maculé, Francisco	128, 155, 193		
Lövfendahl, Sofia	186	Madan, Mohit	111		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Maltezas, Dimitrios	161	Marijnissen, Anne Karien	41	Massarwe, Sabri	179
Mamisch, Tallal Charles	87, 93	Marinò, Domenico	188	Massazza, Giuseppe	158, 192, 193
Mam, M	204	Marín-Peña, Oliver	181, 184	Massè, Alessandro	63, 93, 94
Mancini, Nikj	174	Markel, David	, 91, 160, 185	Massin, Philippe	83, 100, 116, 118, 123, 167, 191
Manconi, Anna	160	Markovic-Denic, Ljiljana	119	Masson, Bernard	51
Mandalos, Konstantinos	188	Marlet, Victor	172	Masterson, Sean	182
Manero, J	165	Marone, Stefano	152	Matamalas Adrover, Antonia	87, 175
Manfredini, Luca	194	Marotta, Domenico	173	Mateo, Jesus	183
Mangat, Karanjit	169	Marquass, Bastian	198, 203	Matharu, Gulraj	52, 61, 181
Mangat, Navjeet	157, 158	Marsal, Manel	179	Matheson, James	189
Mangwani, Jitendra	62, 180	Marshall, Deborah	84, 85	Mathews, Georgina	185
Manickavasagar, Tharjan	89	Marshall, Polly	163	Matinez-Pastor, Juan	155
Manjaly, Joseph	112	Marsh, David	40, 98	Matis, Nicholas	51, 174
Manjure, Sanjiv	166, 195	Marsh, Robert	160	Matre, Kjell	29, 59, 205
Mann, Bhupinder	186	Martell, John	76	Matsuki, Keisuke	195
Manninger, M	54	Martin, Arno	30, 127	Matsumoto, Takuya	90, 154
Manning, William	165, 189	Martinez, Carmen	178	Matsuura, Masanori	52
Mannion, Steve	120	Martinez Carranza, Nicolas	42	Matsuura, Takeshi	167
Manohar, Sushil	173	Martinez Hornillos, Francisco	198	Matsuyama, Juntaro	154
Manojlovic, Radovan	82, 200	Martinez-Martos, Sara	153, 175	Mattar, Saba	185
Manolarakis, George	202, 203	Martinez-Pastor, Juan	128	Mattsson, Per	39, 187
Manolescu, Robert	90, 196, 204	Martinez-Reina, Javier	205	Matzaroglou, Charalampos	177, 198, 199
Mansouri, Reza	96, 176	Martinez, Sara	158, 172	Maurer-Ertl, Werner	170
Manubens, Xavier	120	Martin Hervás, Carmen	193	Maus, Uwe	173
Manunta, Andrea	160	Martin, José	171	Mavroidis, Panagiotis	205
Manzotti, Alfonso	111, 191	Martin, Mick	159	Mavrogenis, Andreas	45, 46, 68, 69, 114, 152, 164
Maqsood, Mohammad	183	Martin, R	125	Mavrolias, Dimitrios	156
Marafi, Hanan	113	Martin, Raquel	185	Mayahi, Reza	103
Marcacci, Maurilio	31, 32, 33, 67, 68, 72, 73, 85, 33, 123, 156, 163, 191, 193	Martins, Moura	101	Mayer, Cyril	193
Marchadier, Arnaud	43	Martins, Rui	115	Mayer, Michael	174
Marcheggiani Muccioli, Giulio Maria	73, 85, 163, 191	Martin, Xavier	56	Maynou, Carlos	40
Marchetti, Emmanuel	112, 130	Martiny, Friederike	207	Mayr, Eckhart	30
Marchetto, Adriano	40	Marton, Denes	169	Mazis, George	164, 208
March, Gerard	154	Martorell Matoses, Salvador	199	Mazon, Antonio	89, 165
Marchie, Anthony	194	Martson, Aare	94	Mcalinden, M	163
Marco, Cavallo	84	Märtson, Aare	186	Mcallen, Christoph	58
Marco, Fernando	174, 196	Maruenda, José	177, 178	Mcandrew, Andrew	205
Marco-García, Alberto	162	Marullo, Matteo	42	Mccarthy, Ian	155
Marcucci, Massimiliano	196	Marumo, Keishi	183	Mccarthy, Robert	164
Maré, D	125	Maruyama, Shigeki	59	Mccarty, Eric	128
Mares, Olivier	40	Marwah, Simran	119	Mccauley, Seosamh	165
Mariathas, Chrisan	74, 206	Marzi, Ingo	124	Mccollum, Charles	28
Maric, Mikela	68	Masala, Salvatore	173	Mcconnell, David	200
Mariconda, Massimo	188	Mascello, Dario	74	Mccormack, Damian	153, 162, 175
		Massada, Marta	126, 151, 163, 167, 168		
		Massari, Leo	64, 125, 165, 178, 181		



# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Mcculloch, Tom	152	Meez-Gil, Ana	193, 198, 201	Mishra, Viren	179
Mccullough, Louise	151, 158, 171	Meehaghini, R	156	Misra, Anand	196
Mcdermott, Damien	151	Mettrey, Jacques	39	Misselwitz, Frank	160
Mceachan, Jane	180	Messo, Piera	181	Mitchell, Philip	186
Mcgonagle, Dennis	102	Meyer, Numa	191, 192	Mitchell, Sarah	157
Mcgovern, Paul	159	Micuri, Mario	45, 46, 68, 69, 114	Mitsionis, Grigorios	199
Mcguinness, Katie	182	Mick, Harry	87, 177	Mittelmeier, Wolfram	50, 51, 64, 77, 192
Mchaourab, Ahmad	75	Mickel, Christian	90, 189	Mittlmeier, Thomas	56, 180
Mcilwain, Luke	155	Mikli, Asimenia	159	Miyasaka, Dai	130, 184
Mckenna, Rosaleen	162, 170	Mikog, Koon, Wong	199	Miyasaka, Takeshi	116, 123, 182
Mckenzie, James	179	Mikono, A	89	Moazen, Mehran	153, 161
Mclardy-Smith, Peter	57, 94, 124, 185	Mikou-Sudai, Shiri	159	Modaressi, Kourosh	151
Mclauchlan, George	111	Mikens, Anne	52	Modi, Amit	44
Mclaughlin, Danny	207	Mikic, Dominik	84, 103, 110, 128, 155, 168	Mody, Bharat	129
Mclean, Angus	148	Mikler, Heiko	151	Moeller, Lars	61
Mclean, Chris	107	Mikler-Lindenberg, Andrea	32	Moens, Pierre	45
Mcleery, Mark	196	Mikler-Rikardson, Niklas	27	Mofidi, Ali	94, 189, 196
Mcnamara, Iain	110	Mikra, Giovanni	57	Möger, Claus	46, 89
Mcnicolas, Michael	110	Mikrut, Mathieur	195	Mohamady, Elsaied	207
McNulty, Amy	106	Mikros, Ioannis	167, 190	Mohammad, Riaz	171
Mcqueen, Margaret	28, 126	Mikrleton, Alan	197	Mohammed, Riazuddin	117, 165, 181
Mcroberts, John	39	Mikrleton, H	112	Mohan, Anita	69, 114
Mcvie, Jim	110	Mikrleton, Rory	190	Mohanty, Khitish	198, 205
Mechlenburg, Inger	110	Mikrleton, Scott	126	Moholkar, Kirti	169
Medadi, Firouz	110	Migaud, Henri	30, 112, 130, 182, 188, 193	Moideen, Abdul Nazeer	103, 170, 190, 198, 203, 204
Medina-García, Manuel	152, 162	Migao, Giuseppe	31	Moldovan, Radu	126, 171, 202
Medlock, Gareth	110	Milink, Jan	39, 187	Molé, Daniel	31, 201
Meermans, Geert	117, 163	Milic, Kim	129, 157, 194	Molero Garcia, Vicente	94, 113
Meesters, Berry	206	Milic, Tony	125	Mole, T	125
Mehan, Rakesh	110	Milic, Bruno	30	Molina, Antonio	34
Mehdi Nasab, Seyed Abdolhossein	205	Milic, Roman	157	Molinari, Massimo	73
Mehmet, Dermirhan	110	Milic, Roslyn	166	Molina Ros, Antoni	87
Mehmood, Shahid	181	Milic-Barbe, Bertrand	177	Molinier, Francois	169
Meidinger, Gebhart	73	Milic-Peter, Peter	115	Moller, Jean	206
Meijer, K	110	Milic-Richard, Richard	89	Møller Madsen, Bjarne	29, 53, 99, 114
Meijers, Will	105	Milic-Sev, Ingrid	50, 51	Molnár, Béla	170
Melas, Ioannis	110	Milicovic, Suzana	200	Molony, Diarmuid	153, 175
Melcher, Ingo	110	Minato, Izumi	130, 184	Molt, Mats	129
Melean, Patricio	207	Miquell, Joan	202	Molto, Luis	153
Melinte, Razvan	110	Mical, Tibor	206	Monda, Maureen	41
Meller, Izhak	110	Mirab, Gary	58	Monegal, Alex	184
Mellon, Stephen	94	Mirael, Joan	74, 158	Monforte Alemany, Ramon	94
Mellor, Simon	110	Mirantes, Pablo	175	Monge, Eugenia	183
Memon, Adeel	75	Miranda, Sanjay	117	Monk, Andrew	68, 112
Menakaya, Chinyelu	110	Mirxavier, Xavier	95	Monllau, Joan	73, 126, 169, 202
Menchetti, Pier Paolo	112	Mirza, Saqeb	52	Montaser, Mohammad	207
Mendes, Pereira	102	Mirone, Maria Teresa	34, 88, 200, 208		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Monteiro, Eurico	32, 153, 168	Mounsey, Emily	119, 188, 200	Mustafa, Javed	119
Montesdeoca-Ramos, Pedro	152, 162, 164	Moura Gonçalves, António	32, 118, 168	Mutlu, Harun	190
Montes, Elena	96	Mouret, Patrick	65	Mutschler, Wolf	98, 99
Montgomery, Richard	203	Mourkus, Hany	151, 177	Myburgh, J	125
Montgomery, Scott	165	Moussaoui, Akli	104	Myderrizi, Neritan	197
Montilla, Carlos	171, 175	Moutet, François	171	Myriokefalitakis, Emmanouil	58
Mont, Michael	185	Mouzopoulos, George	206	Myriokefalitakis, Emmanuel	188, 204
Monto, Raymond	62	Moya, Esther	114, 171		
Mooij, Saskia	59, 179	Moyen, Bernard	84, 97, 188, 191, 196	<b>N</b>	
Moojen, Dirk Jan	121	Mubashar, Muhammad	172	Naal, Florian	50
Moon, Kyoung Ho	152, 180	Muddu, Bisal	32	Nachtsheim, Chris	159, 164
Moore, Zena	113	Mueller-Rath, Ralf	173	Naderi, Mohammad Nasir	199
Moran, Raymond	170	Muench, Marina	73	Nadjafi, Jila	117
Morapudi, Syam	159, 173, 198	Muenker, Ralf	59	Nadkarni, Jayant	201
Mora, V	161	Muezzinoglu, S	167	Nagea, Mihail	169
Mordecai, Simon	152, 161	Muhr, Gert	173	Nagels, Jochem	121
Moreau, Anne	69	Muiña, Ramón	196	Naglie, Gary	202
Moreira, António	42, 102	Muir, Andrew	167	Nagoya, Satoshi	151, 187
Moreira, Luis	160	Mulhall, Kevin	170	Nagy, Ors	159
Morell, Daniel	202, 205	Mullan, Conor	163, 187	Nakaji, Shigeyuki	183
Morel, Pascal	187	Mulla, Rohinton	111	Nakamura, Junichi	116, 123, 182
Moreno, Alberto	175	Müller-Gerbl, Magdalena	153	Nakamura, Koza	90, 154
Moreno García, Alonso	193	Müller, Peter	31, 61, 162, 169, 174	Nakamura, Takuya	183
Moretti, M	162	Muller, Scott	156	Nakamura, Yoshihide	181, 183
Moretti, Noemí	160	Mullett, Hannan	44, 175	Nakase, Junsuke	163
Morgan, Barnes	154	Münch, Marina	73	Nakata, Katsuya	181
Morgan-Jones, Rhydian	164	Munk, Bo	46	Nam, Chang Hyun	119, 156, 182, 192
Morgan, Kimberly	152	Muñoz, Ernest	169	Nanda, Rajesh	89, 115
Morgan, Samer	60, 180	Muñoz, José Luis	176	Nanjayan, Shashi Kumar	151, 153, 168, 177
Morina, Faton	207	Muñoz Vives, Josep	124	Nanni, Matteo	34, 88, 200, 208
Morishima, Takkan	180	Munro, Christopher	158	Naoto, Endo	184
Morita, Koza	197	Muratoglu, Orhun	43, 161	Naqvi, Gohar	28, 53, 126
Morita, Wataru	197	Murcia, Antonio	161	Narayanan, Unni	73
Mørk Petersen, Michael	45	Mur, F	165	Nardi Vilardaga, Joan	94, 113, 152, 202
Morley, David	201	Murnaghan, M	73	Nargol, Avf	124
Morlock, M	111	Murphy, J	158	Narula, Navneet	173
Moroni, Antonio	57	Murphy, Richard	162	Nárvaez, José Antonio	151
Morris, Seamus	204	Murphy, Rosmary	75	Nassif, Manhal	189, 202
Morris, Stephen	29, 82, 160, 202	Murphy, Suzanne	166	Natera Cisneros, Luis	126, 171, 198
Morris-Stiff, G	206	Murray, David	57, 58, 62, 68, 94, 97, 112, 124, 130, 181, 185, 188, 196	Naumov, István	198, 206
Mortazavi, Seyed Mohammad Javad	62	Murray, Iain	39, 40	Navaratnam, Annakan	153
Moscachlaidis, Spyros	127	Murray, James	30, 112, 157	Navarre, Thomas	77
Mosfeldt, Mathias	29	Murugesan, Logendra	197	Navarro, Margarita	201
Moshirabadi, Ataollah	188	Musonda, Patrick	103	Naveed, Masroor	123
Motavalli, Kourous	191			Nawaz, Syed	123
Motterlini, Nicola	181			Nawaz, Zuhair	194

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Nawfal, Al-Hadithy	152	Nikolaides, Anastasios	191	Nyysönen, Marko	119
Nayak, Rk	180	Nikolaou, Vassilios	182, 194	<b>O</b>	
Nazar, Mubeen	161, 162	Nikolopoulos, Dimitrios	100, 167, 174, 190	Oag, Hannah	104
Nebergall, Audrey	157	Nikolopoulos, Konstantinos	201	Obakponovwe, Oghor	94
Nedelea, Georgiana	155	Nilsson, Annelie	209	O'beirne, John	117
Needhirajan, Senbaga	207	Nilsson, Inger	202	Oberlin, Christophe	161
Neergaard, Kirsten	168	Nilsson, Kjell Gunnar	97, 186	Obert, Laurent	37, 102
Negoescu, Dan	100	Nirschl, Robert	128	O'brien, Fergal	44
Negrin, Lukas	55	Nishida, Hideji	163	O'brien, Shaun	119, 199
Neils, Andrew	43	Nishimori, Fabio	189	O'byrne, John	181
Nelis, M	177	Nishino, Masahiro	166, 192	Ochiai, Derek	68, 128
Nelissen, Rob	30, 55, 61, 121, 184	Nita, Cristian	90, 196, 204	Ochi, Kensuke	197
Nel, J	125	Nitri, Marco	73, 85	Odak, Saurabh	128, 171
Neophytou, Demos	164	Nivbrant, Bo	186	Oda, Masafumi	181
Nesnidal, Petr	34, 53, 96	Nixon, Mathew	207	Odede, Samuel	190
Nessler, Joseph	32	Nizard, Rémy	68	Odeh, Munzir	113
Neuerburg, Carl	50	Noelle, Stephanie	179, 191	Odeh, Rabea	113
Neugebauer, Rainer	164	Noguchi, Hideo	61, 190, 191	Odgaard, Anders	61
Neumann, Daniel	64	Noorani, Ali	175	O' Doherty, Declan	103, 162, 170, 180, 190
Neumann, Wolfram	196	Nordquist, Jenny	37	O'dowd-Booth, Christopher	156
Nevelos, Jim	32, 51, 159, 160, 185	Nordsletten, Lars	51, 160	Odri, Guillaume	69, 93
Neven, Enrico	45	Norio, Kawahara	151	Odumenya, Michelle	192
Newman, Kevin	117	Noronha, Jose	155	Oduwale, Kayode	117, 153, 162, 175
Neyret, Philippe	53, 58, 61, 62, 72, 86, 97, 118, 121, 126, 129, 163, 182, 194	Norouzi, Masoud	199	Oe, Kenichi	187
Neyton, Lionel	103	Norris, Rory	201	Oestgaard, Svend	169
Nganbe, Michel	182	Nosewicz, Tomasz	179	Ofek, Itzhak	159
Nguyen, Minh Khanh	164	Nourissat, Christian	76	Ofer, Levy	110
Niblock, Karen	166	Nouta, Klaas-Auke	55	Ogara, James	153
Nich, Christophe	43	Nové-Josserand, Laurent	103	Ogarrio, Henning	29, 59, 90, 186
Nicholas, Richard	97	Novell, Josep	202	Ogawa, Kyo-Ichi	181, 183
Nichols, Alexander	104	Novembri, Alessandra	74	Oger, Philippe	180, 195
Nichols, Jennifer	44, 153	Novicoff, Wendy	189	Oggiano, Leonardo	74
Nicodème, Jean	195	Nowakowski, Andrej	153	Ogunwale, Bamikole	172
Nicodemo, Alberto	94	Nozaki, Masahiro	194	O'hagan, Elizabeth	53
Nicolai, Paul	192	Noz, Marilyn	158	Ohashi, Hirotsugu	52, 184, 190
Nicolaou, Nicholas	207	Nunes, Marcus	189	Ohashi, Satoru	90, 154
Nicolás, Rebeca	88	Nunes, Rafael	189	Oh, Hyoung-Keun	159, 163, 202
Nicolau, Francisco Javier	201	Nuñez, Montserrat	128, 155	Ohishi, Hirotaka	181, 183
Nicol, Graeme	54, 206	Nuotio, Maria	75	Ohlin, Acke	87
Nicol, Stephen	112	Nurmi-Sandh, Hilikka	42	Ohl, Xavier	188
Niedermann, Bent	114	Nuss, Katja	103, 155	Ohnishi, Isao	90, 154
Nielsen, C	50	Nuti, Octavian	90, 196, 204	Ohtori, Seiji	116
Nielsen, Per	121	Nutton, Richard	61	Ohzono, Kenji	192
Nielsen, Poul Torben	122, 184	Nwachuku, Iheanyi	186	Oikonomidis, Stergios	175
Nieuwenhuijse, Marc	45, 68, 90	Nyffeler, Richard	170	Oinuma, Kazuhiro	192, 193
Nijs, Stefaan	44, 124, 170, 206	Nymark, Tine	75	Ojima, Tomohiro	170
		Nyska, Meir	59, 179		

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Okajima, Yoshiaki	52, 184, 190	Otani, Takuya	183	Pamu, Joseph	50
Okamoto, Yoshiyuki	34, 155, 176, 177	Ota, Syuusuke	197	Panagiotidis, Panayotis	161
Okamoto, Yusaku	52, 184	Otsuka, Hiromi	39, 180	Panagiotopoulos, Elias	177
Okazaki, Shunichiro	187	Otsuka, Takanobu	192, 197	Panait, Gheorghe	195
Okcu, Guvenir	162	Otte, Kristian	111	Pandey, Radhakant	44
Oken, Fuad	205	Ott, Florian	153	Pandit, Hemant	57, 58, 62, 94, 97, 124, 130, 185, 196
Olabi, Bayanne	39	Ottlinger, Fritz	164	Pandit, Ravi	174
Olaguibel Moret, Joaquín	202	Otto, Alex	192	Pandorf, Thomas	51, 77
Olaru, Razvan	169, 195	Ouchi, Kiyoshi	59	Pangalis, Gerassimos	161
Oldman, Matthew	58	Ouedraougo, Hyacinthe	170	Panisello, Juan	183
Olesen, Jens	115	Overgaard, Søren	41, 50, 53, 61, 82, 91, 93, 102, 157, 181, 190	Pannhorst, Silke	52, 89
Olivecrona, Henrik	158	Ovesen, Ole	50, 87, 91, 102, 190	Panose, Praveen	180
Oliveira, Antonio	163	Owais, Anwar	55	Panseri, Silvia	156
Oliveira, António	126	Owonikoko, Segun	181	Panteli, Michalis	39, 95, 158, 166, 185
Oliveira, Carol	73	Oxford Hip And Knee Group, Na	188	Paode, Vikram	154
Oliveira, João	42, 45, 85, 89, 102, 169, 207	Ox, Quentin	171	Papadopoulos, Anestis	175
Oliveira, Vânia	151	Ozawa, Tomoyuki	195	Papadopoulos, Christoforos	127
Olivero, Carla	158, 192	Ozbek, A	167	Papadopoulos, Paulos	179
Ollero, Lourdes	171, 175	Ozdamar, Ihsan	95	Papadopoulos, Pericles	56, 128
Olms, Kai	180	Özdemir, Murat	62	Papagelopoulos, Panayiotis	152
Oloughlin, Padhraig	202	Ozkaya, Ufuk	190	Papagiannopoulos, George	100
Olsen, Bo	31, 172	Ozkayin, Nadir	162	Pap, Akos	160
Olsson, Christian	83			Papakostidis, Kostas	202
Olsson, Marianne	52, 127, 185, 188	<b>P</b>		Papanastasopoulos, Konstandinos	188, 204
Olyslaegers, Christophe	159	Paavola, Mika	83	Papanastasopoulos, Konstantinos	58
Omeroglu, Hakan	130	Pacha Vicente, Daniel	113	Papanikolaou, Spyros	127
Onayemi, Olufunso	162	Paech, Andreas	204	Papanikolaou, Xenofon	161
Ong, Alvin	119, 193	Pagazani, Gerard	183	Papanna, Madhavan	155, 191
Onofrei, Roxana	166	Pagenstert, Geert	128	Papapavlou, Vaggelis	198
Ono, Nelson	51, 189	Pagkrati, Stavroula	34, 88, 200, 208	Papasotiriou, Antonios	205
Oosthuizen, B	125	Pagliazzi, Alessandro	74	Papavasiliou, Kyriakos	176, 191
Ootuka, Takaaki	166	Pagliazzi, Gherardo	74	Pape, Dietrich	170
Opara, Thompson	89	Pagnotta, Gaetano	74	Pape, Hans	82, 112, 205
Opris, Remus	169	Pailhe, Regis	189	Pape, Hans Christoph	59, 173, 179
Oral, Ebru	43, 161	Pailhé, Régis	40	Pape, Hans-Christoph	103
Orava, Sakari	115, 118	Paim Rigol, Julio	182	Pap, Géza	65
Oreffo, Richard	102, 155	Paisey, R	164	Papuc, Alexandru	90, 196, 204
Orhun, Haldun	205	Palacio, Jessica	201	Pari, Carlotta	181
Orlic, Dubravko	68	Pala, Elisa	46, 69, 114	Paringe, Vishal	162, 164, 170, 180, 190, 205
Orozco, Fabio	193	Paletta, Jürgen	103, 162, 197	Paringe, Vishall	125, 204
Orozco, Lluís	33	Palibrk, Tomislav	200	Parkar, Asif	207
Ortega-Chamarro, Jose	185	Palmanovich, Ezequiel	59, 179	Park, Derek	114
Ortega Traverso, Jorge	189	Palmer, Michelle	29	Parker, Martyn	90, 103, 151, 164, 201
Ortolani, Alessandro	156	Palmer, Simon	179	Park, Il-Hyung	152
Ostergaard, Jeanette Penny	57	Palm, Henrik	55, 74	Park, Il Seok	119, 156, 192
Ostermeier, Sven	129				

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Park, Jang-Won	111, 180	Peiró, Ana	114	Petroff, Eric	31
Park, Jun Soo	182, 192	Pelfort, Xavier	169	Petrou, Charalambos	128, 172
Park, Kichul	202	Pelissier, Alexandre	198	Petruskevicius, Juozas	184
Park, Won Sang	154	Pellegrino, Alex	168	Pettas, Nikolaos	45
Park, Yesoo	202	Pelletier, Matthew	160	Petteys, Tim	154
Parmaksizoglu, Atilla	165, 190	Pellios, Stauros	176, 191	Petukhova, Olga	205
Parratte, Sebastien	62	Pellis�, Ferran	43	Petursson, Gunnar	30, 127, 129
Parratt, M	194	Pemoff, Adriana	126, 174	Pezzillo, Francesco	173
Parsch, Klaus	130	Pemoff, Pemoff	95	Pfanner, Georg	127
Parsons, Nicholas	112	Pe�a Jimenez, Diego	175	Pfeifenberger, Karin	151
Partington, Paul	156	Pe�alver, Juan Manuel	174	Pfeifer, Roman	59, 82, 103, 179
Parvizi, Javad	32, 93, 159	Pendegrass, Catherine	42, 158	Pfl�ger, Gerald	63
Pasapula, Chandra	191	Pengas, Ioannis	119, 152, 154, 161	Pflugmacher, Robert	100, 175
Pascal Mousselard, Hugues	60	Pennie, Bruce	154	Philippe, Richard	201
Pascarella , Antonio	115	Pennington, Richard	207	Philippot, Remy	76, 130, 183
Pascarella, Fabio	115	Penny, Jeannette	50	Philips, Nicolas	172
Paschos, Nikolaos	199	Pentlow, Alanna	51	Phillips, Steve	194
Pascual Martin Gamero, Francisco	166	Penz, Cyril	104	Piacente Maceroni, Juan Carlos	202
Pasquier, Gilles	30, 193	Percope, Marco	53	Piana, Raimondo	152
Pastides, Philip	88, 201, 203	Perdisa, Francesco	193	Piazza, Diego	172, 200
Patczai, Bal�zs	206	Pereira, Alexandre	126, 151, 163, 167, 168	Picard, Claire	156
Patel, Akash	170	Perera, Anthony	60	Picardo, Natasha	186, 194
Patel, Amratlal	113	Perera, Jonathan	46, 152	Picaud, Jean	183
Patella, Silvio	193	Perez, Anna	162	Piccaluga, Francisco	166, 186, 203
Patel, Priyesh	154	Perez, Daniel	162	Piccinini, Domenico	191
Patel, Shelain	97, 154, 167	P�rez-Dom�nguez, Manolo	152	Piccioli, Andrea	46
Paterson, Mark	99, 114	P�rez Fern�ndez, Santiago	202	Pichler, Karin	54
Patil, Shantanu	193	Perez, Jose Luis	174	Pickering, Simon	153
Patil, Vijay	53	P�rez-L�pez, Raquel	151	Pietrogrande, Luca	204
Patnaik, Surendra	117, 180, 196	Perez, Manolo	152	Pietschmann, Matthias	162, 174
Patrascu, Jenel Maarian	166	Perka, Carsten	28, 37, 57	Pigrau, C	121
Patru, Cristina	169	Perrier, Jean-Pierre	195	Pijls, Bart	55, 66, 184
Pattison, Giles	74, 206	Perry, Daniel	208	Pillai, Anand	42, 119
P�tzold, Robert	125, 169	Persiani, Valentina	34, 88, 200	Pina, Fatima	59
Paulsen, Anders	31	Pescador, David	171, 175	Pinczewski, Leo	161
Paulus, Alexander	43	Peter, Fritzell	87	Pinoit, Yannick	130
Pavic, Roman	179, 197	Petermann, Martin	90	Pinskerova, Vera	30
Pavlou, George	197	Peter, Noel	69	Pinto Guerra, Francisco	70
Peach, Chris	74, 89	Peter, Robin	50, 76, 82, 120, 160, 201, 205	Pinto, Ricardo	151
Peart, Francis	201	Petersen, Mette	116	Pinto, Rui	32, 118, 153, 168
Pease, Felicity	206	Petersen, Michael	196	Piovan, Gianluca	103
Pecchia, Piero	204	Peter, Viju	50, 74, 123	Pirker- Fruehauf, Ulrike	151
Peck, Chris	112	Petit, Alain	124	Pisot, Venceslav	51
Pedersen, Christian	121	Petite, Herv�	43, 90	Pittermann, Michael	77
Pedersen, Nielse	116	Petkovic, Agnica	168	Pittoors, Kathleen	186
Pedersen, Ole	29	Petridis, Petros	166	Piza, Gabriel	177
Peimer, Clayton	92	Petrisor, Brad	197	Piza, Pedro	178

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Piza Vallespir, Gabriel	96	Potenza, Vito	197	Pullagura, Mohan	174
Pizzoli, Andrea	42, 69	Potestio, Domenico	186, 198	Purghel, Florian	125
Pla, Arnau	184	Potoupnis, Michael	176, 191	Puscasiu, Daniela	168
Platt, A	119	Potter, Hollis	154	Püschel, K	111
Platt, Mary Jane	208	Poulsen, Erik	110	Puskas, Gabor	151
Platt, Simon	41, 178	Poulsen, Pernille	209	Pustina, Agron	207
Platz, Andreas	44, 199	Poulsen, Thomas	91	Putman, Sophie	182
Poberaj, Boris	31	Poulsen, Viktoria	160	Pütz, Oliver	174
Podskubka, Ales	59	Pourcel, Aurélien	187	Pynsent, Paul	52, 61, 181
Poehling, Gary	189, 196	Powell, Eric	128		
Poenaru, Dan	100, 166	Powell, Jim	182	<b>Q</b>	
Pogiatzis, Kostas	103, 198	Power, Domanic	171	Qorashi, Mohammad	193
Pohlemann, Tim	82, 120	Poyanli, Oguz	203	Qorraj, Hasime	207
Poignard, Alexandre	51, 68	Poynton, Ashley	175	Quagliarella, Livio	101
Pokorny, Alexandra	44	Prakash, J	204	Queiroz, Marcelo	51, 189
Polesello, Giancarlo	51, 189	Prakash, Udai	57	Queitsch, Christian	167
Pollinitine, Phillip	125	Prasad, Govinda	159	Quiles, Manuel	75, 88, 165, 196
Pollock, Joanne	159	Prasad, Kodali	118	Quinlan, John	59, 113, 198
Pollock, Raymond	196	Prasad, Seema	162, 208	Quirós, Inmaculada	75
Pollock, Rob	69, 151, 152	Prat-fabregat, Salvi	198, 201		
Pollock, Robin	46	Pratt, Roland	199	<b>R</b>	
Polyzois, Ioannis	190	Predescu, Vlad	169, 180, 195	Raat, Frank	73
Pons-diviu, Nuria	198	Preiss, Stefan	111, 118, 191	Rabenseifner, Lothar	164, 170
Pool, Laurens	58	Prescura, Catalin	169, 180, 195	Raby, Nigel	170
Poolman, Rudolf	57, 187	Presmanes, Yolanda	196	Racanelli, Joseph	156
Poon, Peter	31	Pretzsch, Mathias	90	Radcliffe, Graham	169
Popa, Iulian	100	Preuss, Roman	77	Radler, Christof	120
Pop, Alexandru	204	Prevezas, Nikolaos	205	Radlovic, Vladimir	206, 207
Popat, Mansukh	58	Price, Andrew	58, 62, 97, 196	Radulescu, Dragos	90, 204
Popescu, Dragos	128, 155, 169, 193	Price, Kathryn	45	Radulescu, Radu	90, 196, 204
Popescu, Gheorghe	169	Price, L	172	Rafiq, Imran	156, 157, 163, 166
Popkov, Arnold	74	Pries, Pierre	177	Raghavan, Ramakrishnan	196
Popkov, Dmitry	74	Prietzl, Torsten	90, 160	Raghuraman, N	119
Poposka, Anastasika	207	Pritchard, Christopher	184	Rahbek, Ole	39, 53
Pop, Tudor	159	Proença, Ana Rita	41	Raheel, Shafi	155
Portabella, Federico	151	Prohaska, Sandra	44	Rahme, Michel	197
Port, Andrew	55, 159	Proubasta, Ignasi	190	Rahmé, Michel	200
Portelli, Mark	168	Przedlacka, Anna	123	Rai, Amarjit	113
Porteous, Andrew	123	Psychoyios, Vasiliios	88, 175, 199	Rajagopalan, Senthil	44
Porteous, Matthew	39, 116, 185, 187	Psyllakis, John	202	Rajagopalan, Shyam	172
Porter, Daniel	53, 54	Ptashnikov, Dmitry	90	Rajakulendran, Karthig	53, 94, 186, 187
Porter, David	103	Puente, Agustín	196	Rajamani, Vijay	163
Porter, Martyn	61	Puente, Carlos	174	Rajan, Rohan	45
Porteus, Andrew	30	Puget, Jean	40, 130, 169, 187, 189	Rajasekaran, S	178
Pospischill, Renata	44	Puhl, Wolfhart	40, 98, 99	Rajpura, Asim	32
Postacchini, Roberto	32	Pujol, Nicolas	30, 73, 115, 169, 194, 195	Raju, Ppj	124

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Rakhra, Kawan	188	Recarte-García-Andrade, Enrique	152, 162, 164, 177	Ricoli Jr, Walter	51, 189
Rakover, Jean Patrick	60	Reddy, Chandra	28, 128	Ricketts, David	112
Ralte, Peter	159, 171, 173, 198	Reddy, Guru	60, 176, 178	Ridgway, Jonathan	155
Raman, Raghu	116, 190	Redeker, Julia	162	Ridley, David	57
Ramaskandhan, Jayasree	41, 42	Redfern, David	70	Riede, Ulf	40
Rambani, Rohit	119, 198	Redon, Hervé	93	Rienmüller, Anna	111
Ramesh, Balasundaram	171	Reed, Daniel	177	Riesner, Hans-Joachim	87
Ramesh, Palanisamy	162	Reed, Mike	55, 156, 159, 164	Riis, Troels	29, 59, 186, 192
Ramirez, Manuel	34	Regan, Michael	167, 206	Rijk, Elisa	187
Ramírez Valencia, Manolo	87	Regidor, Ignacio	96	Rikli, Daniel	199
Ranawat, Chitranjan	34	Regis, Marco	43	Riley, Tom	200
Randau, Thomas	100, 175	Rehmatullah, Nader	95	Riminucci, Mara	60
Randelli, Pietro	39	Reichel, Heiko	53	Rimondi, Eugenio	45, 73
Ranera García, Miguel	191, 201, 202	Reichelt, Johannes	103	Rios-martin, Moises	201
Rangan, Amar	175	Reidy, Michael	58, 160	Rioux-Forker, Dana	128
Ranga Swamy, Girish	157, 166	Reifenrath, Janin	32	Ripalda Marin, Jorge	175, 183
Rangel, Alfonso	156, 184	Reikeras, Olav	124	Ripani, Francesca Romana	185
Rani, Nicola	42	Reilingh, Mikel	41	Riquelme García, Óscar	177
Rao, Janardhan	102, 183, 184	Reilly, Kathleen	185	Ristiniemi, Jukka	202
Raossanaly, Christophe	183	Reilly, Peter	104, 174	Rivas, Antonio	152
Rao, Sudhir	167	Reilmann, Heinrich	94	Rizo De Alvaro, Belen	174
Rapali, Stefano	204	Reimers, Nils	28	Robba, Tiziana	152
Raposo, Frederico	32, 118, 168	Reina, Nicolas	40, 169, 189	Robb, Curtis	61
Raschke, Michael	98	Reis, Fernando	40	Roberts, David	129
Rashid, Abbas	46, 156, 161, 170	Remes, Ville	63	Roberts, Gareth	29, 177
Rashied, Muhammad	74, 206	Remy, Franck	193	Roberts, Michaela	159
Rasigade, Jean-Philippe	121	Reng, Wolfgang	178, 192	Robertson, Gregory	115
Rasmussen, Jeppe	31, 172	Renkawitz, Tobias	151, 156, 157	Robertson, Sudhir	172
Rasmussen, John	186	Repanti, Maria	50	Roberts, Philip	163
Rasmussen, Sten	115, 167, 169, 178	Repantis, Thomas	50, 178	Roberts, Simon	56
Raspugli, Giovanni	123, 163, 191	Resch, Herbert	51, 174, 200	Robertsson, Otto	62, 129
Rasuli, Kevin	39	Resines Erasun, Carlos	101, 198	Robial, Nicolas	96
Rathleff, Michael	115	Revell, Matthew	181	Robinson, C	39, 40
Rath, Narendra	158, 164, 172, 194	Rezanezhad, Seyyed Siamak	69	Robinson, Christopher	128, 167
Rath, Nk	125, 204	Ribas Fernández, Manuel	181, 184	Robinson, C. Michael	43
Ratib, Osman	160	Ribas García Peñuela, Juan	190	Robinson, James	30
Raut, Vidhesh	129	Ribeiro, José	153	Robinson, Michael	71
Ravaglia, Ravaglia	90	Ribel Madsen, Soeren	124	Robinson, Paul	90, 164
Ravazzolo, Giovanni	73	Ricci, William	32, 154	Robinson, Simon	173, 198
Raveekumar, Raveena	179	Richards, Cathy	152	Robles, Diogo	101, 115
Ravikumar, Kasseti	74	Richards, Ian	90	Roche, Olivier	201
Rawal, Arvind	168	Richards, Jim	113	Rochweger, Alexandre	102
Rayo, José Ignacio	176	Richardson, James	58, 67, 94, 158	Rochwerger, Alexandre	126, 189
Razik, Fathima	74	Richards, Simon	173	Rodrigo, Garcia-Crespo	129
Reading, Alex	185	Richter, Klaus Wolfram	160	Rodrigues, Luis	175
		Richter, Martinus	60, 70	Rodríguez-Gallego, Carlos	164
				Rodríguez Vega, Victor	101, 198

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Rodriguez Vela, Javier	175	Ruecker, Andreas	71	Saló Bru, Guillem	34, 87, 88, 100, 175
Roepke, Martin	151	Ruetten, Sebastian	87, 177	Salo, Jari	116, 119
Roetman, Bernd	173	Ruffilli, Alberto	41, 84, 97, 123	Salomonsson, Björn	83, 103
Rogmark, Cecilia	52, 54, 59, 202	Ruggieri, Pietro	45, 46, 54, 68, 69, 87, 101, 114	Salomonsson, Roger	68
Röhr, Stephan	127, 129, 186	Ruiz Ibán, Miguel	96, 157, 166, 176, 177, 178	Saloupis, Panagiotis	175
Röhrs, Ehrenfried	159	Ruiz Puig, Aina	153	Salthouse, Debbie	112
Roh, Youn-Tae	189	Rumyantsev, N	74	Saltikov, J	84
Roise, Olav	82	Runne, Wouter	187	Salustri, Walter	185
Rois, Stefan	46	Rushton, Neil	53	Salvo, Davide	28, 41
Rojo, Marta	101	Russell, Toney	154	Samaras, Nikolaos	173
Rolfson, Ola	68, 111, 186	Russ, Jane	159	Samara, Stavroula	165
Romagnoli, Carlo	46, 69	Russo, Alessandro	156	Sampath, Jayanth	74, 208
Roman, J	121	Russu, Octav	159	Sampera, Ignacio	178
Romano, Carlo	64, 85, 96	Rydh, Anders	97	Sampera Trigueros, Ignasi	177
Román, Silvia	75	Rydholm, Urban	120	Sampson, Madeleine	52
Romantini, Matteo	46, 69	Ryd, Leif	42	Samra, David	62
Romero Ballarín, Jesús Luis	193	Ryge, Camilla	65, 72	Samuel, David	163
Rommens, Pol	44, 120, 124	Ryg, Jesper	91	Samuelsson, Bodil	113
Ronfeldt, Ingerlise	209			Sanathkumar, Shetty	53
Ron, Michael	160, 185			Sanchez, Juan Francisco	172
Rooney, Brian	170, 196			Sanchez, R	176
Roos, Eva	55, 110	<b>S</b>		Sánchez Ruas, Jaime Jorge	96, 157, 166, 176, 177, 178
Roos, Milton	182	Sabatella, Carlos	165, 188, 189, 203	Sanchis Amat, Raquel	88, 190, 199
Rose, Barry	167	Sabbioni, Giacomo	192	Sancho, Rogelio	190
Rosencher, Nadia	65	Sabharwal, Sanjeeve	151, 152, 154	Sandberg, Torben	61
Rosendahl, Karen	188	Sabir, Ahmed	203	Sanderhoff Olsen, Bo	43, 54, 60
Rossas, Charalabos	167, 190	Saborido, Ana	151	Sanders, Kieran	157
Rosset, Antoine	160	Sabri, Omar	206	Sanders, Robert	55
Rossi, Giuseppe	45	Sadoghi, Patrick	31, 153, 160, 169	Sandri, Monica	156
Rosso, Federica	158, 192, 193	Saez-Arenillas, Alvaro	129	Sandys, Stephen	185
Roumazeille, Thibault	188	Safi, Adel	178	Sangar, A	44
Rousseau, Marc Antoine	60, 156, 184	Safiarian, Human	196	Sanger, Rajiv	162
Roussos, Constantinos	50, 76, 90, 181, 201	Safos, George	100	Sanpera, Ignacio	178
Roussouly, Pierre	43, 60	Sagnak, Ercan	167	Santana, Fernando	172
Rouvillain, Jean Louis	77, 170, 200	Sahni, Vishal	89, 172	Santini, Alasdair	194
Rowell, Shannon	43, 161	Said, Sinan	97, 168	Santori, Nicola	186
Rowe, Phil	30	Saiffudin, Asif	177	Santos, Ana Claudia	126, 163
Rowe, Sarah	153	Saito, Akira	189	Santos, Cláudia	151
Rowlands, Tom	151	Sajovic, Matjaz	164	Santos, Jose	153
Rozbruch, S	155	Sakellariou, Anthony	56	Sant, Z	161, 165
Rubash, Harry	129, 157, 186	Sakellariou, Vasileios	152, 164, 208	São Simão, Ricardo	32, 118, 168
Rubens-Duval, Brice	191, 192	Saksena, Joyti	201	Sarac, Cigdem	45
Ruchholtz, Steffen	35, 71, 159	Sakurai, Tetsuya	191	Saragaglia, Dominique	191, 192
Rudd, Susan	162	Salagiannis, Georgios	197	Sara, Martinez	74
Rudkjoebing, Vibeke	121	Salameh, Ghasaan	86	Sarasquete, Juan	198
Rudra, Tanuja	158	Sales De Gauzy, Jérôme	40, 207	Saridis, Alkis	177, 198, 199
		Salmon, Lucy	161		



# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Sarimo, Janne	115, 118	Schizas, Nicos	101	Scott, Chloe	61
Sarioglu, Ender	205	Schlegel, Ulf	111	Scott, Gareth	182
Saris, Daniel	93, 94, 195	Schleh, Annabel	185	Scott, James	101, 102
Sarmah, Sasanka	173, 179	Schlenzka, Dietrich	99, 29	Scott, Malcolm	174
Sarrafan, Nasser	205	Schlottau, Sylvia	154	Sdrenias, Christos	197
Sasaki, Mikito	187	Schmeling, Arno	97	Seah, Matthew	43, 155
Sasanelli, N	101	Schmidmaier, Gerhard	35	Sebald, Hans-Joerg	156
Sastre, Sergi	128, 155, 169	Schmidt, Christian	87	Sebald, Walter	156
Satake, Shinji	167	Schmidt, Frauke	112	Sebastian, Anil	32
Satoh, Masaaki	187	Schmidt-Horlohé, Kay	126	Segatti, F	162
Sato, Junkoh	61, 190	Schmidt, Martin	82	Segur, Josep	128, 155, 169, 193
Sato, Katsumi	172	Schmidt-Rohlfing, Bernhard	103	Seidel, Ulrich	34
Sato, Keiji	180	Schmidt, Walter	194	Seidov, Inar	189
Satoshi, Kato	151	Schmitz, Christian	193	Seifi, Mozghan	69
Satusky, Mary Jo	196	Schnake, Klaus	38	Seil, Romain	53, 69, 84, 97, 170
Saunders, Sue	159	Schneckener, Charlotte-Dorothe	111	Seles, Max	54
Saura Mendoza, Eladio	192	Schneider, Loic	130, 183	Selga, Jordi	113
Saussac, François	61	Schneider, Wolfgang	86, 117	Sellei, Richard	59, 82, 94, 112, 173, 179
Savadkoochi, Dariush	46, 69, 103, 201	Schoenahl, Jean-Yves	115, 191	Selvaratnam, Veenesh	89, 127, 153, 172
Savadkoochi, Mohammad	46, 69	Schoenheyder, Henrik	121	Señaris Rodriguez, José	65
Savarese, Eugenio	173	Schofer, Markus	103	Sen, Aroop	154
Savarino, Lucia	42	Schoinochoritis, Nikos	198	Senden, Rachel	55, 161, 195
Savelberg, Hhcm	161	Schoones, Jan	184	Sendtner, Ernst	157
Saveski, Jordan	204	Schot, Corrie	121	Senekovic, Vladimir	31
Savidis, Konstantinos	58	Schöttle, Philip	73, 118, 192	Seong, Sang Cheol	30, 129, 170
Sawalha, Seif	191	Schouls, Leo	121	Seo, Young Kwon	154
Sayana, Murali	59	Schrader, Sebastian	60	Sera, Emanuele	41
Sayegh, Fares	176, 191	Schrama, Jan	90	Seral García, Belén	184, 191
Sayit, Emrah	95	Schreiner, Andreas	156	Serb, Dragos	196
Schäfer, Christopher	192	Schreurs, Bw	55	Serdoura, Francisco	168
Schäferhoff, Peter	169, 174, 195	Schreurs, Wim	121	Sergides, Neoptolemos	100
Schafroth, Matthias	187	Schröder, Christian	61, 77	Serrano, Celia	151
Schaser, Klaus-Dieter	42, 44, 67, 114, 178, 199	Schröder, Henrik	92, 196	Serrano, Justo	176
Schattiger, Katrin	114	Schuh, Reinhard	115	Serre, Antoine	102
Scheerlinck, Thierry	203	Schuind, Frederic	46	Servien, Elvire	61, 62, 118, 163, 194
Scheipl, Susanne	151	Schultz Larsen, Morten	42, 69, 82, 86, 100	Setti, Stefania	125
Schemitsch, Emil	57, 182, 185, 202	Schulz, Arndt Peter	154, 157, 167, 173, 180, 204	Sevi, Roger	182
Schenk, Willem	158, 192	Schulz, Arndt-Peter	28, 60	Seybold, Dominik	173
Schepel, Niek	186	Schwaninger, Manuela	190	Seyedi, Seid Mohammad	205
Schepens, Alex	175	Schwarzkopf, Susanne	165	Seyyed Hosseinzadeh, Hamidreza	193
Schett, Georg	152	Schwarz, Thomas	44	Sezak, Murat	115
Scheu, Max	168	Schweiger, Stefan	201	Shachar, Raviv	124
Schiavone Panni, Alfredo	93	Schweitzer, Mark	188	Shackleford, Ian	162
Schinski, Jillian	194	Scoccianti, Guido	46	Shaerf, Daniel	186
Schipp, Rolf	181	Scotland, Thomas	151	Shah, Bhavik	186
				Shahid, Rizwan	183

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Shah, Parag	196	Sierra-Oliva, Judit	152	Skinner, Paul	174
Shahrezaei, Mostafa	199	Sievers, Birte	43, 162	Skipenko, Timofey	189
Shakesheff, Kevin	102	Siewe, Jan	87, 111	Skou, Soeren	115
Shamila, Adil	159	Signorelli, Cecilia	85	Skovby, Anette	164
Shape, Thomas	39	Silberstein, Boris	176	Skrabut, Eugene	166
Sharifzadeh, Seyyed Reza	199	Sillanpaa, Petri	118	Skwara, Adrian	162, 197
Sharma, Ajay	198	Silva, Sergio	153	Sloan, Karen	159, 195
Sharma, Hemant	116, 119, 163, 190, 198	Silvestre, Clément	60	Slongo, Theddy	114
Sharma, Kavita	203	Simeonidis, Panagiotis	128	Sly-Havey, Maureen	208
Sharma, Vikas	43, 69, 100, 101, 125, 180	Sim, Frank	62	Smart, David	82
Shaw, Christopher	116, 190	Simonetti, Giovanni	173	Smeetham, Peter	157
Shaw, Matthew	88	Simon, Jean-Pierre	45, 57, 163	Smerdelj, Miroslav	68
Shaylor, Phillip	182	Simon, Melanie	173	Smid, Petr	190
Sheeraz, Ahsan	186	Simonsen, Erik	186	Smigielski, Robert	118
Sheikh, Nomaan	173	Simonsen, Ole	121, 169	Smitham, Peter	155
Sheng, Jia Gen	68	Simpson, David	51, 188	Smith, Frank	182
Sheridan, Barney	179	Simpson, Hamish	167	Smith, George	28, 187
Shetty, Ajoyprasad	178	Sinapi, Fabrizio	57	Smith, Hannah	112
Shetty, Sanath Kumar	171, 199	Singer, Brian	57, 58, 160	Smith, James	102, 155
Shetty, Vishwanath	89, 172	Singhal, Rohit	162, 208	Smith, Jon	75
Shields, John	189	Singhania, Govind	172	Smith, Julie	30
Shigemura, Tomonori	116, 123, 182	Singh, Ashok	171, 199	Smith, Keisha	118
Shiibashi, Michio	191	Singh, Bijayendra	175	Snedeker, Jess	84, 168, 172
Shimada, Nagakazu	167	Singh, Dishan	41	Snir, Nimrod	159
Shimizu, Norimasa	156, 194	Singh, Ivor	111	Søballe, Kjeld	32, 39, 88, 116, 129, 154, 184
Shim, Sang Ho	30, 129, 170	Singh, Jagwant	119, 190	Sobottke, Rolf	87
Shiozaki, Hiroyuki	181	Singh, Pankaj	174	Sochart, David	194
Shirai, Toshiharu	163	Singh, Rahul	198	Sodre, Fabio	155
Shiratsuchi, Hideaki	192, 193	Singh, Raminder	171	Soejbjerg, Jens Ole	53
Shivarathre, Deepak	41	Singh, Ravijyot	157	Søe Jensen, Pia	26
Shoda, Etsuo	59	Singh, Sagar	101	Soenen, Marc	188
Shon, Oog Jin	169	Singh, Vinay	111, 162, 174, 195, 196	Sofianos, Ioannis	156
Shtarker, Haim	75, 124, 182	Singisetti, Kiran	89, 124, 197, 200	Sofue, Muroto	184
Shur, Natalie	39	Sinha, Apurva	155, 173, 198	Sokucu, Sami	165, 190
Siavashi, Babak	46, 69, 103, 201	Sinha, Ashok	182	Sola-Gutierrez, Yolanda	44
Sibbert, David	162	Sinha, Satyajit	154	Solayar, Gandhi	170
Sicardi, Marcelo	126	Sinz, Irene	95	Soldado, Francisco	184
Siddharthan, Sujit	199	Sirimontaporn, Anchalee	32	Soler, Francesco	33, 128
Siddique, Malik	41, 42, 179	Sirveaux, Francois	31	Solgaard, Lars	61
Siddiqui, Mashfiqul	183	Sitnik, Alexandre	113	Solgaard, Søren	38, 50
Siddiqui, Nashat	203	Sitthiseripratip, Kriskrai	157, 173	Solidakis, Nikolaos	202, 203
Sidharthan, Sujith	204	Sitton, Geri	156	Solis Tamargo, Eduardo	193
Sidhom, Sameh	186	Sivaraman, Alagappan	113	Solyom, Arpad	169
Siebenrock, Klaus	34, 43, 50, 51, 57, 93, 94, 129, 156, 204, 205	Sjolin, Soren	95	Somford, Matthijs	52
Siebert, Werner	189, 196	Skettrup, Michael	38	Sommer, Christoph	42
Siegrist, Mark	156	Skinner, John	46, 67, 69, 123, 151, 152, 186, 194	Soneji, Neil	158
				Song, Moon Bok	192

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Soni, Ashish	205	Steinberg, Ely	155	Stulik, Jan	34, 53, 96
Sonsale, Paresh	155, 190	Steinrücken, Julia	121, 126	Sturch, Paul	121
Soomro, Taha	41	Steinwachs, Matthias	33	Sturdee, Simon	53
Sopka, Sasa	173	Steklov, Nikolai	193	Suárez Arias, Laura	101, 198
Soral, Aditya	126	Stensdotter, Ann-Katrin	97	Subramanian, Rengarajan	207
Sorensen, Anne Kathrine	31, 172	Steppacher, Simon	51, 93, 94, 129	Suda, Ken	130, 184
Sorensen, Mette	32, 154	Stern, Richard	201	Sudhahar, Thittukattoor	129, 169
Soriano, Alex	117	Sternstein, Werner	44	Sudheer, Akkenna	129
Soroa, Victoria	160	Steval, Andrew	156	Su, Edwin	57, 184
Soucacos, Panayiotis	152	Stevanovic, Vladan	168	Sueiro Fernández, José	182
Soueid, Hassan	74	Stevenson, Andrew	194	Suero, Eduardo	173, 202
Sousa, António	32, 118, 168	Stevenson, Helen	208	Sugamoto, Kazuomi	156, 181, 194
Sousa, Carlos	101, 115	Stevenson, Jonathan	182, 197	Sugand, Kapil	162
Sousa, João	167	Stewart, Ian	84	Suh, Kuen Tak	184, 202
Sousa, Marco	151, 167, 168	Stewart, Todd	152, 161	Suh, Kuen-Tak	32
Sousa, Ricardo	126, 151, 163, 167, 168	Stienstra, Rudolf	58	Sukeik, Mohamed	121, 170, 196
Southgate, Jeremy	159	Stilling, Maiken	39, 63	Suliman, Samir	156
Southorn, Thomas	158	Stirrat, A	171, 173	Sullivan, Niall	203
Spalazzi, Jeffrey	128	Stöckle, Ulrich	43, 44, 69, 74, 199	Sultan, Muhammad	28
Spalding, Tim	33, 192	Stockley, Ian	117, 121	Sundararajan, Sabapathy	191
Spaltehoz, Mathias	200	Stoeckl, Bernd	90	Suñen Sanchez, Enrique	175
Spasovski, Dusko	44	Stoen, Ragnhild	51, 160	Suomalainen, Piia	110
Specht, Kirsten	27	Stoewe, Reinhard	52	Suppanee, Radhakrishna	94, 186
Speirs, Andrew	182	Stoffel, Karl	52, 188	Sur, Hakki	75, 115
Spence, Stephanie	204	Stoian, Valentin	169, 195	Sur, Haydar	205
Spiteri, Michelle	161, 165	Stokes, Michael	97	Su, Sherwin	184
Sporring, Sune	160	Stokke, Terje	188	Suso, Santiago	128, 155, 201
Sprenger De Rover, Walter	164, 203, 206	Stolero, Jack	75, 124	Sussmann, Patrick	118, 191
Springorum, Hans-Robert	157	Stone, Marcus	152	Sutherland, Alasdair	158
Spuck, Sebastian	60	Stone, Martin	152	Suutre, Siim	110
Spyridonos, Sarantis	164, 174	Stothard, John	89, 115	Suva, Domizio	160
Sra, Harminder	203	Stott, Philip	186	Suzuki, Akiko	59
Srikantharajah, Delukshan	89	Stott, Susan	207	Suzuki, Hiroyuki	166, 192
Srinivas, Shreya	179, 199	Strahovnik, Andrej	206	Sváb, Pavel	190
Srivastava, Subodh	197	Strain, David	44	Svarnas, Theodoros	166
Staaf, Agneta	202	Strazzari, Alessandro	156	Svenningsen, Olaf	37, 38
Stables, Gareth	170	Streicher, Robert	36	Swamy, Girish	61
Stagni, Cesare	42	Streit, Marcus	90, 189	Swamy, Krishna	171
Staquet, Vincent	40	Stempel, Archibald	127	Swarna, Shyam	89
Starks, Ian	82, 163	Strobel, Michael	129	Sybesma, Thea	57, 76
Stathopoulos, Alexandros	103, 198	Stroosnijder, R	161	Syed, Shakir	171
Stathopoulos, Constantinos	172	Strüwer, Johannes	159	Syed, Turab	95, 171
Stavropoulos, Nikolaos	161	Stubbs, Allston	189	Sylvest, Annette	199
Steffens, Jason	77	Stucchi, Alessandro	94	Symeonidis, Panagiotis	62, 70, 86
Steib, Jean Paul	96	Stukenborg-Colsman, Christina	36, 182	Symes, Tom	189
Steiger, Vincent	165	Stulberg, Bernard	77, 118, 196	Synder, Marek	130

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Szabo, Istvan	39	Tatu, Fabian	168	Thomas, Manfred	70
Szabo, Zsolt	92	Tauber, Chanan	182	Thoma, Sofia	88, 175, 199, 208
Szczypta, Piotr	89, 171	Tauber, Mark	174	Thomas, Rhys	125, 204
Szendrői, Miklós	34, 45, 62, 72	Tavakoli, Mohsen	154	Thomassen, Bregje	58
Szíver, Edit	170	Tawari, Gautam	28, 52, 155, 180	Thomas, Suresh	84, 159, 173
Szkopek, Kenneth	168	Tawfiq, Sam	207	Thomas, Thomas	127, 153
Szöke, Nikolaus	63	Tay, Boon-Keng	183	Thompson, Mark	174
Szponder, Tomasz	160	Tayeb, Ayman	126, 189	Thompson, Peter	192
		Tay, Jonathan	183	Thompson, Robin	165
		Taylor, Adrian	57	Thompson, Simon	104, 174
		Taylor, Clare	164, 180, 204	Thomsen, Marc	63
		Taylor, Grahame	32, 44, 62	Thomsen, Trine	121
		Taylor, Hazel	112	Thomson, Laura	170
		Taylor, Lynne	55	Thorey, Fritz	32, 182, 187
		Tayton, Edward	102	Thorngren, Karl-Göran	29, 72, 88, 116
		Tay, Wykeat	53	Thorninger, Rikke	102
		Tchero, Huidi	200	Thornton-Bott, Paul	187
		Teanby, David	190	Thorstensson, Carina	110, 129
		Tecu, Camelia	169	Thuveson, Maria	37
		Tegner, Yelverton	97	Thyagarajen, David	29
		Teixidor Serra, Jordi	94, 113	Tibesku, Carsten	93, 162, 197
		Tejero-Garcia, Sergio	205	Tibrewal, Saket	203
		Telesca, Patricio	186	Tigani, Domenico	192
		Temple, Thomas	46	Tigaud, Sylvestre	121, 126
		Templeton, Peter	53	Tihilov, Rashid	90
		Ten Broeke, Rene	123, 184	Tilley, Simon	52
		Tengman, Eva	97	Timperley, John	29, 71, 82, 117, 188
		Terrier, Alexandre	195	Tingleff, Jens	112
		Tesch, Norbert	82	Tio, Montserrat	128, 155
		Thakrar, Raj	155	Tiru, Madhu	208
		Thaler, Christoph	152	Tobita, Kenji	90, 154
		Thaler, Martin	51	Todorov, Svilen	208
		Thaunat, Mathieu	194	Toennesen, Hanne	192
		Thavarajah, Dushan	95, 171	Toh, Satoshi	181, 183
		Thein, Ran	155	Toksvig-Larsen, Soren	75, 122, 129
		Theodorakis, E	198	Tomàs Hernández, Jordi	94, 113
		Theodoridis, Konstantinos	173	Tomic, Slavko	163
		Theophanopoulos, Fokion	167	Tomihara, Tomohiro	167
		Theopold, Jan	198	Tomita, Katsuro	155, 176, 177
		Theos, Christos	175	Tomita, Tetsuya	156, 194
		Thienpont, Emanuel	36	Toms, Andrew	36, 153
		Thietje, Roland	204	Tonino, Alphons	76, 189
		Thimmaiah, Ravindra	194, 207	Tono, Yuji	192
		Thomas, Abraham	180	Tono, Yuuji	166
		Thomas, Andrew	52	Toolan, Caroline	158
		Thomas, Geraint	112, 130, 188	Topoev, Georgiy	189
		Thomas, Glyn	157	Topolovec, Matevz	50, 51

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Torkos, Miklos	39	Tschigraji, Michail	122	Unnikrishnan, Pnithin	74
Tornetta Iii, Paul	32, 154	Tselentakis, George	196	Upadhyay, Neil	112
Torok, Barna	169	Tseng, Ching Shiow	153	Upadhyay, Piyush	32, 155
Torrens, Carlos	86, 172	Tseng, Susan	154	Uppmann, Carsten	77
Torres, Ana	89, 161, 165	Tsibidakis, Haridimos	208	Urda, Antonio	129, 196
Torres Campos, Antonio	184, 201, 202	Tsilikas, Stauros	100	Ursu, Traian	155
Torres, Joao	153	Tsiridis, Eleftherios	153, 161	Uruc, Vedat	95
Torres, Raul	34	Tsitsilonis, Serafim	199	Usikov, Vladimir	90
Torrie, Alexander	82	Tsivgoulis, Stelios	174	Ussia, Giuseppe	45, 68, 114
Toth, Zoltan	39	Tsouparopoulos, Vasileios	208	Ustyantseva, Irina	205
Totorean, Alina	166	Tsuchiya, Hiroyuki	34, 155, 163, 176, 177, 181, 183	Utkan, Ali	204
Totterman, Anna	82	Tsuda, Ryoji	192	Utzschneider, Sandra	43, 61, 77
Toullec, Eric	77	Tsuji, Koji	189	Uzel, Andre-Pierre	170, 200, 205
Tourné, Yves	56, 70, 77, 99	Tsukamoto, Riichiro	189		
Tourret, Lisa	171	Tucker, John Keith	207	<b>V</b>	
Toussaint, Bruno	31	Tudisco, Cosimo	173	Vaculik, Jan	59
Toyone, Tomoaki	195	Tuijthof, Gabriëlle	41	Vaisman, Alex	168, 207
Tracol, Philippe	91, 183	Tulloch, Isabel	203	Valaviciene, Rasa	209
Trahalios, Charisios	88	Tulp, Niek	121	Valderrabano, Victor	70, 128, 153
Trahan, Ravi	196	Tumia, Nezar	190	Vale, Luke	84
Traian, Ciobanu	90	Tumino, Andrea	204	Valencia, Juan David	46
Trail, Ian	171	Tümöz, Mehmet	204	Valencia Mora, Maria	193
Traina, Francesco	208	Tuncay, Ismail	158	Valente, Angiola	93, 94
Tramond, Bruno	55	Turgeon, Thomas	75	Valente, Luis	32, 118, 168
Trampuz, Andrej	85, 116, 126	Turner, James	82, 112	Valera, Màrius	190
Trapp, Oliver	44	Turner, Robert	201	Valero, Jose	152
Trattnig, Siegfried	33	Turpie, Alexander G.	122	Val, Sami	201
Traub, Shaun	128	Tzachev, Nedelcho	82, 161, 199, 201	Valstar, Edward	76
Traverso, Francesco	194	Tzanakakis, Nikos	31	Vámhidy, László	198, 206
Traynor, Alison	51	Tzenou, Tatiana	161	Van Asten, Wim	55
Treble, Nicholas	194			Van Bergen, Christiaan	41, 62
Trebse, Rihard	51, 85, 174	<b>U</b>		Vandenbussche, Eric	183
Trevett, Mike	180	Ubierna Garcés, Maite	175	Van Der Flier, Rudolf	58
Triantis, Petros	197	Ubierna, Maria Teresa	34	Van Der Heide, Huub	30
Tricoire, Jean Louis	40, 187	Uboldi, Francesco	183	Van Der Heijden, Lizz	68
Trigo, Trigo	153	Ucaner, Ahmet	205	Van Der Linde, Mathijs	195
Trikha, Anjan	58	Ueno, Takeaki	189	Van Der Linden, Edwin	45
Tripsianis, Grigorios	127	Ueno, Yutaka	183	Van Der Linden - Van Der Zwaag, Henrica	30
Trnka, Hans-Joerg	115	Ugwuoke, A	177	Van Der Maas, Jaap	73, 169
Tromp, D	125	Ul Haq, Muhammad	157, 179	Van Der Mark, Susanne	29, 59
Tronnier, Volker	60	Ulhoa, Carlos	181	Vander Sloten, Jos	57
Trouillet, Franck	163	Uludag, Mehmet	204	Van Der Steenhoven, Tim	30
Trpeski, Simon	204	Umar, Muhammad	53	Van Der Voort, Paul	184
Trullols, Laura	114	Umeda, Takashi	183	Van Der Weegen, Walter	57, 76
Tsang, Kai	159	Ungurean, Calin	168	Van De Sande, Michiel	68
Tsang, Shao-Ting	187			Van Dijk, C. Niek	37, 41, 62, 68

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Van Egmond, Cees	187	Versey, Howard	165	Von Dercks, Nikolaus	203
Van Erkel, Arian	90	Verstreken, Frederik	117	Von Der Haar-Tran, Annelene	182
Van Erve, Ruud	180	Ververidis, Athanasios	127	Von Knoch, Fabian	50, 111
Vanhegan, Ivor	186	Veziagiannis, Ioannis	127	Von Knoch, Marius	50
Van Hellemond, Gijs	93, 94, 121	Viberg, Bjarke	91	Von Lewinski, Gabriela	182
Van Hemert, Wouter	189, 200	Vicente, Antonio	179	Von Rueden, Christian	44, 162
Van Huyssteen, Adriaan	35	Vicente, José Ricardo	181	Von Salis-Soglio, Georg	112
Van Laarhoven, Simon	55	Viçoso, Sofia	42, 45, 85, 89, 169, 207	Von Stempel, Archibald	30
Vanlauwe, Johan	33, 195	Victor, Jan	195	Voon, South	194
Vannet, Nicola	180	Vidal, Catherine	43	Vorlat, Peter	34, 176
Vannini, Francesca	41, 84, 97, 123	Vidosavljevic, Marko	206, 207	Voschin, Elizabeth	166
Van Olden, Ger	40	Vieira-Da-Silva, Manuel	167, 168	Voss, L	60, 177
Van Oldenrijk, Jakob	187	Vieira Ferreira, Nuno	175	Vriggo Johansen, Hans	31
Van Rhijn, L	60, 177, 184	Vigueras-Pérez, Juan	152, 162, 164	Vris, Alexandros	177
Van Riet, Roger	117	Viitanen, Hanna	75	Vuckovic, Cedo	82, 200
Van Rijswijk, Carla	90	Vikas, Sharma	207	Vukasinovic, Zoran	44
Van Ruijven, Leo	62	Viladot, Ramon	179	Vyskocil, Tomas	96
Varin, Daniel	185	Viladot Voegeli, Antonio	77, 83		
Varitimidis, Sokratis	172	Vilcelean, Marius	169	<b>W</b>	
Varkey, Ranjive	196	Villadsen, Allan	166	Waast, Denis	69
Varmarken, J	50	Vinagre, Manuel	172	Wada, Takahiko	187
Vasconcelos, Paulo	45, 207	Viñas, Antonio	171, 175	Wada, Takuro	151
Vasiliadis, Haris	199	Vincent, Graham	188	Wada, Yuichi	195
Vasseur, Laurent	30, 182	Vinje, Tarjei	29, 51, 59, 205	Waddell, James	71, 182
Vassilakopoulos, Theodoros	161	Virolainen, Petri	51	Wade, Frazer	61
Vavken, Patrick	31	Viskovic, Anita	68	Wagner, Christof	, 85
Vazquez, Jorge	166	Visona, Enrico	103, 191	Wagner Kristensen, Per	116, 122
Vazquez, María	32	Viste, Anthony	84, 182, 188, 196	Wahl, Peter	119, 163
Vécsei, Vilmos	55	Vis Van Der, Harm	52	Waibel, Roman	30, 127
Vélez, Roberto	152, 184	Viswanath, Aparna	104	Waikakul, Saranatra	32
Velkova, Angelika	208	Vitali, Matteo	104, 174	Wain, Richard	89
Venkatesan, Muralidharan	152, 161	Vittis, Fotios	166	Waizy, Hazibullah	32
Vera-Gutierrez, Vicente	152, 162, 164	Vitullo, Andrea	173	Wakefield, Tom	122
Vera, Pablo	151	Vives, Joaquim	184	Walawski, Jacek	170
Verbruggen, Gust	123	Vlachou, Maria	44, 74	Walch, Gilles	31, 103
Verdonk, Peter	67, 73, 111, 123, 169	Vlagopoulos, Merkourios	179	Waldram, Mike	171
Verdonk, René	67, 73, 123, 128, 169, 173, 195	Vlahopoulos, Kostantinos	177	Waleffe, Egide	179
Verdonschot, Nico	76	Vlami, John	201	Walenkamp, Geert	121
Verettas, Dionisios-Alexandros	127	Vliet Vlieland, Thea	184	Walker, Carolina	77, 127
Verheyen, Cees	187	Vogelsang, Anne-Birgitte	209	Walker, Peter	62, 84
Verikokakis, Alexis	44	Vogely, Charles	, 85	Wallace, David	184
Verlaan, J	40	Voicu, Bogdan	169	Wall, Alun	111
Verma, Gopalkrishna	190	Voigt, Christine	44, 199	Waller, Craig	75
Vermeire, Jan	203	Vollrath, Fritz	103, 174	Wall, Peter	82
Veronesi, Francesca	156	Volpin, Gershon	75, 124, 182	Wall, Simon	191
Versari, Pierluigi	160	Volz, Alessandro	160	Walmsley, Phillip	157, 193, 197
		Von Bremen-Kühne, Reinhard	192	Walscharts, Steven	57

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Walshaw, Tom	84	Welting, T	60, 177	Williams, Rhys	75
Walsh, James	53	Wendlandt, Robert	60, 157, 173	Williams, Sophie	50
Walsh, Sean	173	Weninger, Julia	44	Williksen, John	110
Walsh, William	84, 160	Werlen, Stefan	93	Willy, Christian	66
Walter, Richard	58	Westhoff, Bettina	84, 207	Wilson, A	121
Walter, William	52, 187	Weston-Simons, John	58, 62, 97	Wilson, Chris	170
Walton, Thomas	183	Wetherell, Rory	175	Wilson, Joan	117
Wang, Miao	114	Wetherill, Martin	95	Wilton, Timothy	93
Wang, Yan	34	Wetzel, Ralph	164	Windhagen, Henning	129, 182, 187
Wang, Yingsong	96, 177, 178	Weusten, Axel	55	Windhager, Reinhard	37, 46, 153, 167, 170
Wang, Yu	45, 114, 161, 207	Weyal, Nik	189	Win, Hein Latt	123
Wang, Zheng	34	Whatling, Gemma	177	Winkler, Heinz	, 85, 119
Wanivenhaus, Hugo	167	White, Craig	39, 57	Winson, Ian	179
Wannomae, Keith	43, 161	White, Richard	76	Winter, Alison	170, 190, 196
Warburg, Finn	87	White, Simon	158, 194	Winter, Sarah	155
Ward, Abigail	203	White, Tim	28	Winther, Annika	43
Ward, Anthony	28, 82, 206	White, William	153	Wirth, Thomas	99
Ward, Jonathan	155	Whitten, Stephen	154	Wirtz, Christian	44, 204
Warming, Torsten	168	Whittingham Jones, Paul	186, 194	Wirtz, Dieter	100, 114, 175
Warshafsky, Julien	115, 129	Whitwell, Duncan	57	Withers, Daniel	158, 171
Waschnick, Lutz	159	Wichlas, Florian	199	Witso, Eivind	95
Waseda, Yuuya	192	Widemschek, Mark	30, 127	Wnuk, Tomasz	170
Waseem, Mohammad	171, 173, 198	Widerström, Erik	75	Wodtke, Joachim	85
Watanabe, Atsuya	195	Widni, Eva	54	Wolf, Christopher	103
Watanabe, Koji	163	Wiegand, Norbert	206	Wolff, Andrew	128
Waton, A	112	Wiig, Einer Mogens	124, 189	Wolf, Matthias	160
Watson, Bruce	197	Wijdicks, Coen A.	45, 102, 113	Wolf, Olof	187
Wavreille, Guillaume	32, 115	Wiklicky, Sebastian	206	Wong, Christian	169, 186
Wayne, Nathan	52	Wilbrand, Stephan	89	Wong-Chung, John	187
W-Dahl, Annette	62	Wilcox, Ruth	153, 161	Wong, Fabian	123
Webb, Derek	159	Wilczynska, Maria	159	Wong, Prudence	94, 186
Webb, James	159, 187, 195	Wilde, Erik	154, 180, 204	Wood, Alexander	59, 115, 176, 193
Weber, Georg	31	Wilde, Philip	126	Wood, Greg	166
Weber, Patrick	61	Wilkinson, Graham	54	Wood, Martin	95
Wedge, John	44	Wilkinson, Laura	167	Woodruff, Michael	89, 112
Weidenhielm, Lars	158, 194	Will, Elizabeth	197	Woodruff, Mike	29
Weigl, Martin	165	Willems, P	60	Woods, Lara	201
Weiler, Andreas	97	Williams, Alexandra	51	Woolf, Anthony	83
Weimann-Stahlschmidt, Kristina	207	Williams, Andy	54, 58	Woon, Man Hee	180
Weinberg, Annelie	54, 82, 99, 206	Williams, Anwen	162	Wörner, Michael	157
Weiner, Bradely	177	Williams, Dan	188	Wraighte, P	89
Weinert-Aplin, Robert	84, 168	Williams, Geraint	74, 163, 206	Wright, James	73
Weiss, Rüdiger J.	110, 165	Williams, James	194	Wright, John	28
Wellborn, Clay	128	Williams, Lisa	163, 198	Wright, Karina	158
Wellington, Beverley	209	Williamson, David	62, 180	Wright, Timothy	77
Wellington, Ryan	113	Williams, R	172	Wu, Chunsen	45

# Index of authors

NAME	PAGE	NAME	PAGE	NAME	PAGE
Wuestemann, Thies	32, 159	Yoo, Jeong Joon	184, 202	Zeleznik, Michael	158
Wurm, Simone	44, 192	Yoon, Kang Sup	184, 202	Zeng, Bing Fang	68
Wurnig, Christian	120	Yoon, Pil Whan	184	Zerahn, Bo	31, 124
Wurster, Markus	125, 169	Yoon, Wai	170	Zhang, Chang Qing	68
Wye, John	50	Yoshida, Gen	167	Zhang, Jun	180
<b>X</b>		Yoshikawa, Hideki	181	Zhang, Xuesong	34
Xenos, Giorgos	127	Yoshiyasu, Fujimaki	151	Zhang, Yanqun	207
Xiao, Songhua	34	Yoshiyuki, Okamoto	151	Zhang, Ying	96, 177, 178
Xia, Zhidao	103, 181	Yoshizawa, Takahiro	191	Zhang, Yonggang	34
Xie, Jingming	96, 177, 178, 180	Young, Alexander	166	Zhao, Daohong	180
Xie, Jun	193	Young, Allan	31	Zhao, Zhi	177
Xu, Yijuan	121	Young, David	172	Zheng, Guoquan	34
Xypnitos, Fragiskos	161	Young, Lora	95, 207	Zheng, Yanming	154
<b>Y</b>		Young, Peter	118, 151, 166, 190	Zicker, Robyn	41
Yacovi, Tim	75	Yousaf, Sohail	161, 162, 178, 186	Zidrou, Christiana	164
Yagci, Tugay	115	Yousri, Taher	29, 112, 125	Zietz, Carmen	50, 77
Yamada, Hiroki	192	Yousuf, Kamran	157, 166	Zlatev, Borislav	82, 161, 199, 201
Yamada, Katsuhisa	187	Yuasa, Nobuhiro	184	Zlowodzki, Michael	102, 113
Yamada, Kunio	166, 192	Yuguerro, Mariano Benito	174	Zografaki, Malamo	178
Yamako, Go	181	Yuksel, Halil	75, 193	Zolczer, Laszlo	74
Yamamoto, Kengo	192	Yu, Li-Ping	166	Zommers, Ints	188, 195
Yamamoto, Naohiro	192	Yunta, Alejandro	101	Zoni, Sabine	172
Yamamoto, Norio	163	<b>Z</b>		Zorzi, Claudio	192
Yamamura, Mitsuyoshi	181	Zabras, Alexandros	175	Zuh, Sandor	159
Yamashita, Toshihiko	151, 187	Zacharopoulos, Athanasios	127	Zukor, David	124, 194
Yamazaki, Takaharu	156, 194	Zadegan, Frédéric	68, 90	Zumbado-Dijeres, Alonso	201
Yang, Ki Hyuk	156	Zadzilka, Jayson	118	Zumstein, Matthias	118
Yang, Shu	123	Zafar, Mohammad	88	Zurakowski, David	129
Yang, Zhendong	96	Zaffagnini, Stefano	73, 85, 123, 163, 191	Zwerina, Jochen	152
Yaniv, Moshe	99	Zafiroopoulos, George	190	Zweymueller, Karl	111
Yasin, Naveed	191	Zaghloul, Ahmed	207		
Yates, Ben	62	Zagorac, Slavisa	179		
Yates, Edward	29	Zagorodny, Nikolay	189		
Yates, Piers	52	Zagra, Luigi	63, 68, 72, 76, 95, 85, 162		
Yau, Raymond	156	Zammit Maempel, Frederick	46, 178		
Yazdanian, Shideh	62, 173	Zammit, Sharon	168		
Yee, Joshua	42	Zampiakakis, Emmanouil	175		
Yeoh, Clarence Jin Chon	174	Zanarella, Stefano	59		
Yeoh, David	174	Zancolli, Eduardo	165, 203		
Yeoman, Mark	188	Zandi, Reza	168, 193		
Yewlett, Alun	177	Zapletalova, Jana	163		
Yfantopoulos, John	156	Zarzuela Sanchez, Victor	190		
Yichientsaia, Alice	29	Zazgyva, Ancuta	159		
Yildirim, Ozgur	205	Zebolds, Silvestris	184, 188, 195		
Yo, Hirotake	184, 190	Zehetgruber, Harald	111		
		Zeitler, Sören	178		





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