

# Contents



## COLOUR GUIDE PER TOPIC

GENERAL ORTHOPAEDICS

UPPER LIMB

LOWER LIMB

SPINE

TRAUMA/POLYTRAUMA

PAEDIATRICS

## GUÍA DE COLORES POR TEMA

ORTOPEDIA GENERAL

EXTREMIDAD SUPERIOR

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The full attendance of the congress entitles to 24 European CME credits (ECMEC's). The Certificate will be sent to each participant by PDF file to the registered e-mail address after the congress. If you have not yet registered your e-mail account with us, please contact the "Scientific Programme" desk in the registration hall.

# Welcome from EFORT



Prof. Dr. Miklós Szendrői  
EFORT President 2010/2011

Dear Colleagues,

Following the very successful EFORT Congress in Vienna, the EFORT Executive Committee and the Spanish Orthopaedic and Traumatology Society (SECOT) is delighted to invite you to participate in the 11th EFORT Congress in Madrid, the beautiful capital of Spain.

As you are aware, EFORT began with annual congresses in Nice, which was followed by Vienna. This year EFORT and SECOT are organising a combined congress in Madrid. We plan to continue in Copenhagen in 2011, in Berlin in 2012, in Istanbul in 2013, in London in 2014 and in Prague in 2015. The demand for annual congresses is underlined by the steady increase in the number of participants (3.500 in Nice, 6.500 in Vienna), and we have also received a record number of abstracts (more than 4.600) for Madrid.

The success of the Congress is guaranteed by the scientific merit of the lectures. In Madrid, we will have instructional lectures, symposia delivered by distinguished speakers from across Europe, as well as free paper sections, workshops, industry symposia, and e-posters, the latter in a revamped and hopefully more attractive form. We will also be holding our well-received ExMEx (Expert meet Expert) sessions, the comprehensive review course and controversial case discussions. Guest Societies and Speciality Societies will add colour and broaden the spectrum of orthopaedic fields we cover.

For the first time, in Madrid we will be organising plenary sessions, where well-respected speakers will present state-of-the-art treatments for four important subjects in contemporary orthopaedics.

On behalf of EFORT and also personally, I would like to express my heartfelt thanks to the Chairman of the Local Organizing Committee, Professor Enrique Caceres Palou, to our Spanish colleagues and friends on the Local Organizing Committee, as well as to the whole of the Spanish Orthopaedic and Trauma Association.

Special thanks to our Vice President and the Chairman of the Scientific Committee Professor Pierre Hoffmeyer and the entire staffs of both the congress organiser OIC and EFORT Central Office in Zurich, for their enthusiastic work and devotion.

I look forward to meeting all of you in Madrid.

A handwritten signature in black ink that reads "Miklós Szendrői". The signature is written in a cursive, slightly slanted style.

Prof. Dr. Miklós Szendrői

# Welcome Address



Prof. Dr. Enric Cáceres Palou  
Chairman EFORT Scientific Committee, Chairman LO Madrid 2010

Dear Colleagues,

We welcome you to the combined EFORT-SECOT Congress, which is to be held between the 2nd and 5th of June in Madrid. This is the first time that there has been a combined congress for a national society – that of Spain, in this case – and the European Federation, EFORT.

The combined format accommodates both association activities (EFORT's General Assembly and the SECOT assembly) and the scientific programme: 900 free papers and 2,000 e-posters will be presented from both societies, under a single Scientific Committee.

I would also like to emphasize the 23 Satellite Symposia, 20 Instructional Courses, seven controversial case discussions and four ExMEx sessions. All of these activities have been made possible by the participation of outstanding members of European and Spanish Specialty Societies.

The Congress also features some innovations, among which we would highlight the plenary sessions. A Plenary session will be held every day, in the prime morning slot from 11 am to 1 pm. The topics covered will be arthroplasty registers on Tuesday, the state of trauma care on Wednesday, metastatic disease on Thursday, and infections on Saturday. Timing overlaps between these sessions and others will be kept to a minimum, and simultaneous translation will be available.

The second innovation will be the round-table session on the state of the art in the field of hip, knee and spine in Asia, Latin America and Europe, with speakers from each continent on every topic.

The Comprehensive Review Course (CRC) will take place again, repeating the full-day format that was such a success in Vienna.

Madrid is an incomparable setting for the European orthopaedic community to come together, to share scientific knowledge, to shape our immediate future and to strengthen cohesion between our societies.

Finally, a meeting of this kind is a great opportunity to share concerns, desires and experiences during the very special social programme.

Welcome to Madrid

A handwritten signature in black ink, appearing to read 'Enric Cáceres Palou'.

Prof. Dr. Enric Cáceres Palou

# Session Overview

EFORT does not in any way monitor or endorse the content of any given lecture by any of the speakers during the conference. EFORT does not accept any responsibility for the content of any individual session as presented by the speakers and thus declines all liability of whatever nature arising thereof.

PLENARY SESSIONS				
(simultaneous translation English-Spanish)				
Session Title	Organisers/Moderators	Category	Room	Time
<b>2 June 2010</b>				
Arthroplasties in Europe: Quality assurance and registries	Böhler, Nikolaus	General Orthopaedic/ complications/basic science/technology	Main Auditorium	12:00-13:30
<b>3 June 2010</b>				
State of trauma care in Europe	Bégué, Thierry	Trauma/polytrauma	Main Auditorium	11:00-13:00
<b>4 June 2010</b>				
Surgical and non-surgical treatments in tumour care in Europe. Metastasis bone diseases	Szendrői, Miklós	Bone and joint tumours	Main Auditorium	11:00-13:00
<b>5 June 2010</b>				
Musculoskeletal infections	Cordero-Ampuero, José	Infection	Room: N103-104	10:00-11:30
<b>SYMPOSIA</b>				
Session Title	Organisers / Moderators	Category	Room	Time
<b>2 June 2010</b>				
Fast track hip fracture treatment	Thorngren, Karl-Göran	Hip	Room: N101-102	9:00-10:30
EFORT & UEMS - Training and manpower in Europe. Is there a need for harmonisation?	Albert, John	General Orthopaedic/ complications/basic science/technology	Room: N107-108	15:00-16:30
Haiti: Disaster relief workers and their experience	Hoffmeyer, Pierre	General Orthopaedic/ complications/basic science/technology	Room: N109-110	15:00-17:00
The immature athlete's knee	Wientroub, Schlomo / Lascombes, Pierre	Paediatrics	Room: N107-108	17:00-18:30
<b>3 June 2010</b>				
Arthroscopic possibilities in handsurgery	Mathoulin, Christophe	Hand/wrist/arm/forearm	Room: N111-112	8:30-10:00
Basics for orthopaedic surgeons in training	Knahr, Karl	General Orthopaedic/ complications/basic science/technology	Room: N101-102	8:30-9:30
Diabetic foot infection, treatment and structure of treatment - in collaboration with DFSG , Diabetic Foot study group	Apelqvist, Jan	Foot/ankle/leg	Room: Neptuno	8:30-10:00
The osteoporotic spine - in collaboration with the "Fragility-Fracture-Line Network"	Mutschler, Wolf / Puhl, Wolfhart / Lidgren, Lars / Svensson, Olle	Osteoporosis	Room: N113-114	8:30-10:30
Lateral uni knee	Servien, Elvire	Knee osseous	Room: N103	14:30-16:00
EFORT-EULAR Symposium - Osteoporotic fractures	Dreinhöfer, Karsten / Herrera Rodriguez, Antonio	Osteoporosis	Room: N104	14:30-16:00
Tribology: Applied basic science	Doyle, Christina / Gomez-Barrena, Enrique	General Orthopaedic/ complications/basic science/technology	Room: N101-102	14:30-16:00
High flex knee	Perka, Carsten	Knee osseous	Room: N103	16:00-17:30
What's new in tribology?	Hendrich, Christian / Fisher, John	General Orthopaedic/ complications/basic science/technology	Room: N101-102	16:30-17:30
Venous thromboembolism (VTE)	Atkins, Roger M.	General Orthopaedic/ complications/basic science/technology	Main Auditorium	16:30-18:30

## SYMPOSIUM

Session Title	Organisers / Moderators	Category	Room	Time
<b>4 June 2010</b>				
Whiplash	Villas Tome, Carlos	Spine (incl. Trauma)	Room: N113-114	8:30-10:00
Elective orthopaedic surgery in the light of global recession	Giles, Miguel Angel / Fokter, Samo	General Orthopaedic/ complications/basic science/technology	Room: N104	8:30-10:00
Orthopaedics in the 3rd World	Wurnig, Christian / Radler, Christof	General Orthopaedic/ complications/basic science/technology	Room: N117	8:30-10:30
New trends in SCFE	Krauspe, Rüdiger	Paediatrics	Room: N107-108	14:30-16:00
Difficult humerus proximal fracture	Jäger, Martin	Shoulder/elbow/arm/forearm	Room: N105-106	14:30-16:00
How to improve results in ACL reconstruction. - In cooperation with ESSKA	Ménétrey, Jacques / Espregueira-Mendes, Joao	Sports/knee soft-tissue	Room: N101-102	14:30-16:00
Metastasis in the pelvic region	Campanacci, Domenico Andrea	Bone and joint tumours	Room: N115-116	16:30-18:00
Asia - Latin America EFORT Symposium	Puhl, Wolfhart / Caceres Palou, Enric / Mody, Bharat / Tello, Carlos		Room: N107-108	16:30-19:00

## 5 June 2010

Statistical analysis in orthopaedic clinical studies	Jolles-Haeberli, Brigitte / Lübbecke, Anne	General Orthopaedic/ complications/basic science/technology	Room: Neptuno	8:30-10:00
Current controversies in young adult hip surgery	Marín-Peña, Oliver	Hip	Room: N101-102	8:30-10:00
Allograft in sport medicine	Verdonk, René	Sports/knee soft-tissue	Room: N103-104	8:30-10:00
Stiff TKA	Lobenhoffer, Philipp	Knee osseous	Room: N115-116	12:00-13:30
Legg Perthes Calvé disease	Dimeglio, Alain	Paediatrics	Room: N113-114	12:00-13:30

## INSTRUCTIONAL LECTURES

Session Title	Lecturer	Category	Room	Time
<b>2 June 2010</b>				
Thoraco-lumbar fractures	Faundez, Antonio	Spine (incl. Trauma)	Room: N113-114	9:00-10:00
THR in the dysplastic hip	Søballe, Kjeld	Hip	Room: N101-102	10:30-11:30
Necrotising fasciitis	Giannoudis, Peter	Infection	Room: N105-106	10:30-11:30
Achilles tendinopathy	Maffulli, Nicola	Foot/ankle/leg	Room: Neptuno	10:30-11:30

## 3 June 2010

Isolated patello femoral osteoarthritis	Montserrat, Ferran	Knee osseous	Room: N103	8:30-9:30
Management of the acute fracture dislocation of the elbow	Mader, Konrad	Shoulder/elbow/arm/forearm	Room: N105-106	8:30-9:30
Non-union: New trends	Zimmermann, Gerald	General Orthopaedic/ complications/basic science/technology	Room: N105-106	9:30-10:30
Diagnosis and treatment of soft-tissue sarcomas	Szendrői, Miklós	Bone and joint tumours	Room: N111-112	10:00-11:00
Painful flatfoot	Valderrabano, Victor	Foot/ankle/leg	Room: Neptuno	16:30-17:30

# Session Overview

## INSTRUCTIONAL LECTURES

Session Title	Lecturer	Category	Room	Time
How to treat large bone defects in revision TKR	Bégué, Thierry	Knee osseous	Room: N103	17:30-18:30
The rheumatic cervical spine	Klezl , Zdenek	Spine (incl. Trauma)	Room: N113-114	17:30-18:30
Scaphoid fractures: Diagnosis and management	Botelho, Jose Carlos	Hand/wrist/arm/forearm	Room: N111-112	17:30-18:30

### 4 June 2010

Extensor mechanism complications after TKA	Colsmán Stukenborg, Christina	Knee osseous	Room: N103	14:30-15:30
Unicondylar knee arthroplasty	Donell, Simon	Knee osseous	Room: N103	15:30-16:30
TKA in extra-articular deformities	Hernandez-Hermoso, Jose	Knee osseous	Room: N103	16:30-17:30
Massive tears of the rotator cuff	Marco Martinez, Fernando	Shoulder/elbow/arm/forearm	Room: N105-106	16:30-17:30
Instability after TKR	Romero, José	Sports/knee soft-tissue	Room: N103	17:30-18:30

### 5 June 2010

Management of the lower limb deformities	Radler, Christof	Paediatrics	Room: N113-114	8:30-9:30
Hip resurfacing	McMinn, Derek	Hip	Room: N101-102	12:00-13:00
Partial tears rotator cuff	Cartucho, Antonio	Shoulder/elbow/arm/forearm	Room: Neptuno	12:00-13:00

## CONTROVERSIAL CASE DISCUSSION

Session Title	Organisers / Moderators	Category	Room	Time
<b>2 June 2010</b>				
The elbow fracture	Lascombes, Pierre / Cassiano Neves, Manuel	Paediatrics	Room: Colon	15:00 - 16:30
Diabetic foot	Delmi, Marino	Foot/ankle/leg	Room: Colon	17:00 - 18:30

### 3 June 2010

Non-cemented revision femoral replacement	Zagra, Luigi	Hip	Room: Colon	8:30 - 10:00
Sports medicine	Marcacci, Maurilio	Sports/knee soft-tissue	Room: Colon	14:30 - 16:00

### 4 June 2010

Complex case controversies in primary and revision total knee arthroplasty	Neyret, Philippe	Knee osseous	Room: N115-116	8:30 - 10:00
Posttraumatic infection	Puig-Verdié, Luis	Infection	Room: N113-114	14:30 - 16:00

### 5 June 2010

Fractures and ligamentous injuries around the elbow	Antuña, Samual	Shoulder/elbow/arm/forearm	Room: N111-112	8:30 - 10:00
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## EXMEX (Admission only if pre-registered, EUR 50 per session)

Session Title	Organisers / Moderators	Category	Room	Time
<b>2 June 2010</b>				
Advanced treatment in wrist and hand arthroscopy	Font, Jordi / del Piñal, Francisco	Hand/wrist/arm/forearm	Room: N111-112	13:30 - 17:30

### 3 June 2010

An overview of the flatfoot condition from newborn to adult	Epeldelgui, Tomas	Paediatrics	Room: N107-108	14:30 - 17:00
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### 4 June 2010

Sequellae of severe foot injuries	Viladot, Antonio	Foot/ankle/leg	Room: Neptuno	14:30 - 18:30
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### 5 June 2010

The options in knee arthroplasty	Argenson, Jean-Noël	Knee osseous	Room: Colon	8:30 - 11:30
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## GUEST SESSIONS

Session Title	Chairmen	Category	Room	Time
<b>2 June 2010</b>				
Regenerative medicine in orthopaedics	Gomez-Barrena, Enrique / Baldini, Nicola	EORS	Room: Colon	9:00 - 10:30
Trapeziometacarpal osteoarthritis	García-Elías Cos, Marc / Ferreira Villanova, Javier	FESSH	Room: N111-112	9:00 - 11:30
Arthroscopic ACL repair: Single bundle versus double bundle join-preserving surgery for osteoarthritis	Mayr, Hermann / Petersen, Wolf	AGA (Deutschsprachige Arbeitsgemeinschaft für Arthroskopie)	Room: N103	10:00 - 11:30
Reconstruction of acetabular fractures: Late complications - surgical solutions	Giannoudis, Peter	ESPA	Room: N101-102	13:30 - 15:30
Minimally invasive spinal surgery procedures	Menchetti, Pier Paolo Maria / Haberland, Nils / Bini, Walter / Hellinger, Stephen / Canero, Gianfranco / Gauci, Charles	ISLASS	Room: N113-114	15:00 - 18:30
The painful arthroplasty	Krismer, Martin	EHS	Room: N101-102	15:30 - 16:30
Lessons learnt from long-term total hip arthroplasty studies	Macheras, George	EHS	Room: N101-102	17:00 - 18:30

### 3 June 2010

Nurse paper presentation	Hommel, Ami	Nurse Session	Room: N115-116	8:30 - 13:00
New approaches in operative treatment of children's fracture	Møeller-Madsen, Bjarne	EPOS	Room: N107-108	8:30 - 9:30
Back problems in children and adolescents	Krauspe, Rüdiger / Schlenzka, Dietrich	EPOS	Room: N107-108	9:30 - 10:30
Clinical issues with fractures of distal tibia, pilon and hind foot	Rommens, Pol Maria / Babst, Reto	ESTES	Main Auditorium	13:00 - 14:30
Problem wounds - a multidisciplinary challenge	Gottrup, Finn	EWMA	Room: N115-116	14:30 - 16:00
Pressure ulcers	Moore, Zena	EWMA	Room: N115-116	16:30 - 18:30

# Session Overview

## GUEST SESSIONS

Session Title	Chairmen	Category	Room	Time
<b>3 June 2010</b>				
How to write a clinical paper, how to prepare a research paper, how to review a paper	Scott, James	JBJS	Room: N111-112	16:30 - 17:30
Distal tibia and ankle joint fractures	Biberthaler, Peter	ARTOF	Room: N104	16:30 - 18:30
Benign bone tumours	Epeldelgui, Tomas	EPOS	Room: N107-108	17:30 - 18:30
<b>4 June 2010</b>				
What is new in articular cartilage repair?	Madry, Henning	ESSKA	Room: N103	08:30 - 10:30
Ankle sprains and instability	Kofoed, Hakon / Viladot, Antonio	EFAS/SEMCPPT	Room: Neptuno	11:00 - 13:00
Foot	Canata, Gian Luigi / Huylebroek, Jose F.	EFOST	Room: N111-112	14:30 - 16:30
A bouquet of approaches to cartilage repair		ICRS	Room: N115-116	14:30 - 16:00
Bicycling	Esteve de Miguel, Carlos / Doral, Mahmut Nedim	EFOST	Room: N111-112	16:30 - 18:30
<b>5 June 2010</b>				
Applying biomechanics to everyday fracture treatment	Stoffel, Karl	EFORT - AOTrauma	Room: N115-116	8:30 - 10:00
FORTE Session	Janssen, Michiel	FORTE	Room: N113-114	9:30 - 10:30
EFORT Fellowship programme - „An experience exchange“	Marcacci, Maurilio	EFORT	Room: N111-112	10:30 - 11:30

## SATELLITE SYMPOSIA

Session Title	Chairmen	Company	Auditorium	Time
<b>2 June 2010</b>				
Signature, personalised knee replacement		BIOMET	Room: N113-114	13:30 -15:00
From proof to practice: Innovations in total hip replacement and total knee replacement	Perka, Carsten	Boehringer Ingelheim	Room: N103	13:30 -15:00
VTE prevention in major orthopaedic surgery: Managing the threat of thrombosis and the risk of bleeding in clinical practice	Frostick, Simon / Kurth, Andreas	Bristol-Myers Squibb and Pfizer Inc.	Room: N105-106	13:30 -15:00
Fragility fractures; Orthopaedic and metabolic management	Marin, Fernando	Eli Lilly	Room: N107-108	13:30 -15:00
From theory to clinical practice – a new look at innovative negative pressure therapy in orthopaedic/trauma surgery	Vaquero, Javier	KCI Europe	Room: Colon	13:30 -15:00
An update on bone graft substitutes in trauma and orthopaedic care. Update on Osigraft and HydroSet	Zimmermann, Gerald	Stryker	Room: Neptuno	13:30 -15:00
Recon innovations in the new decade		Zimmer GmbH	Room: N115-116	13:30 -15:00

## SATELLITE SYMPOSIA

Session Title	Chairmen	Company	Auditorium	Time
<b>3 June 2010</b>				
The Oxford partial knee symposium		BIOMET	Room: N113-114	13:00 -14:30
Intraoperative implant customisation in revision hip arthroplasty	Biggi, Franceso / Michel, Markus	LIMA CORPORATE	Room: N103	13:00 -14:30
Is 90% survival rate after 10 years enough? The role of new bearing technologies vitamys® and ceramys®		Mathys	Room: Neptuno	13:00 -14:30
Novel OsteoBiologic approaches in regenerative medicine	Hernigou, Philippe / Falez, Francesco	Osteotech	Room: N104	13:00 -14:30
The right replacement for any clinical requirement: 8 years of trekking total system	Innocenti, Massimo / Lizaur, Alejandro	SAMO	Room: N107-108	13:00 -14:30
The management of soft-tissue trauma: The science, evidence and clinical results with negative pressure wound therapy	Runkel, Norbert	Smith & Nephew	Room: Colon	13:00 -14:30
Addressing the challenges in proximal femoral nailing		Synthes	Room: N111-112	13:00 -14:30
IT Systems: Technology and tribology together		Zimmer GmbH	Room: N115-116	13:00 -14:30

## 4 June 2010

The ASI approach - Pathway to rapid recovery in THA		BIOMET	Room: N113-114	13:00 -14:30
Metal sensitivity. A reduced wear, metal free solution for total knee arthroplasty	Benazzo, Francesco / Mittelmeier, Wolfram	LIMA CORPORATE	Room: N103	13:00 -14:30
Advances in hand surgery: New perspectives in Dupuytren's contracture	Kjaersgaard-Andersen, Per / Ceruso, Massimo	Pfizer LTD	Room: N105-106	13:00 -14:30
ACI: Identifying the ideal candidate	Monllau, Juan Carlos	TiGenix	Room: N107-108	13:00 -14:30
ORTHO QUIZZ: Interactive prescription on knee and ankle	Judet, Thierry / Bonnin, Michel	Tornier	Room: N101-102	13:00 -14:30
Zimmer® natural nail™: Introduction and first clinical experience		Zimmer GmbH	Room: N115-116	13:00 -14:30
1970-2010, in a changing world... there are sure values		Ceraver	Room: N111-112	13:00 -14:30
Cementing the benefits of oral anti-coagulants in orthopaedic practice	Lluau, Juan V. / Fisher, William D.	Bayer Schering Pharma	Room: N104	13:15 -14:30

## FREE PAPER SESSIONS

Session Title	Moderators	Category	Auditorium	Time
<b>2 June 2010</b>				
Cartilage / Conservative management	Paessler, Hans / Arriaza, Rafael	Sports/knee soft-tissue	Room: N103	9:00 - 10:00
Blood transfusion	Radulescu, Radu / Suso, Santiago	General Orthopaedic/ complications/basic science/technology	Room: N104	9:00 - 10:00
Shoulder trauma	Sur, Hakki / Marco Martinez, Fernando	Shoulder/elbow/arm/ forearm	Room: N105-106	9:00 - 10:30
Lower limb deformities and neurological problems	Radler, Christof / Sanpera, Ignasi	Paediatrics	Room: N107-108	9:00 - 10:30

## Session Overview

## FREE PAPER SESSIONS

Session Title	Moderators	Category	Auditorium	Time
<b>2 June 2010</b>				
Mobile vs. fix bearing TKR	Marcacci, Maurilio / Montserrat, Ferran	Knee osseous	Room: N115-116	9:00 - 10:00
Soft-tissues and fractures	Wagner, Christoph / Flores, Xavier	Infection	Room: Neptuno	9:00 - 10:30
Osteoarthritis	Albert, John / Moreno, Alonso Carlos	General Orthopaedic/ complications/basic science/technology	Room: N104	10:00 - 11:30
Trauma Spine	Barysh, Alexander / de Pedro, José Antonio	Spine (incl. Trauma)	Room: N113-114	10:00 - 11:30
TKA complications	Jenny, Jean-Yves / Aramburu, Fermí	Knee osseous	Room: N115-116	10:00 - 11:30
Paediatric foot	Dimeglio, Alain / Anticevic, Darko	Paediatrics	Room: N107-108	10:30 - 11:30
Elbow	Radulescu, Radu / Antuña, Samuel	Shoulder/elbow/arm/ forearm	Room: Colon	10:30 - 12:00
General Orthopaedics and osteoporosis (3 Minutes Free Paper)	Guryel, Enis / Llusá Pérez, Manuel	General Orthopaedic/ complications/basic science/technology	Room: N104	12:00 - 13:30
THR in young patients registries	Kjaersgaard-Andersen, Per / Resines, Carlos	Hip	Main Auditorium	15:00 - 16:30
CAS in knee arthroplasties	Jenny, Jean-Yves / Hernández-Vaquero, Daniel	Knee osseous	Room: N103	15:00 - 16:30
Biomechanics	Morlock, Michael / Forriol, Francisco	General Orthopaedic/ complications/basic science/technology	Room: N104	15:00 - 16:30
Fractures around the knee	Sur, Hakki / Guerado, Enrique	Trauma/Polytrauma	Room: N105-106	15:00 - 16:30
Extensor mechanism and patello femoral disorders	Schiavone, Alfredo	Sports/knee soft-tissue	Room: N115-116	15:00 - 16:00
Ankle trauma	Badekas, Thanos / Luna, Felipe	Foot/ankle/leg	Room: Neptuno	15:00 - 16:30
Miscellaneous	Tokgozoglu, Mazhar / Cugat, Ramón	Sports/knee soft-tissue	Room: N115-116	16:00 - 17:00
Hip complications	Günther, Klaus-Peter / Coscujuela, Antoni	Hip	Main Auditorium	17:00 - 18:30
TKA outcome	Jenny, Jean-Yves / Hernandez-Hermoso, Jose	Knee osseous	Room: N103	17:00 - 18:30
Bone healing	Finlayson, David / Meseguer, Luis	General Orthopaedic/ complications/basic science/technology	Room: N104	17:00 - 18:30
Complex tibial fractures	Trampuz, Andrej / Jolin, Tomás	Trauma/Polytrauma	Room: N105-106	17:00 - 18:30
Bone and joint reconstruction	Szendrői, Miklós / Ortiz, Eduardo	Bone and joint tumours	Room: N115-116	17:00 - 18:30
Complex foot trauma	Maffulli, Nicola / Valderrabano, Víctor	Foot/ankle/leg	Room: Neptuno	17:00 - 18:30
Hand miscellaneous 1	Luchetti, Riccardo / de Pedro, José Antonio	Hand/wrist/arm/forearm	Room: N111-112	17:30 - 18:30

## FREE PAPER SESSIONS

Session Title	Moderators	Category	Auditorium	Time
<b>3 June 2010</b>				
THA soft bearings	Macheras, George	Hip	Main Auditorium	8:30 - 9:30
Soft-tissue repair	Cicak, Nikola / Guadilla, Jorge	General Orthopaedic/ complications/basic science/technology	Room: N104	8:30 - 10:30
Tribology (3 minutes Free Paper)	Knahr, Karl / Macheras, George	General Orthopaedic/ complications/basic science/technology	Room: N101-102	9:30 - 10:30
THA ceramic on ceramic	Currie, Colin / Pons, Miquel	Hip	Main Auditorium	9:30 - 10:30
Unicompartmental knee prosthesis	Dodd, Christopher / Sur, Hakki	Knee osseous	Room: N103	9:30 - 10:30
Joint replacement (3 Minutes Free Paper)	Neyret, Philippe / Garcia-Alonso, Manuel	Lower limb	Room: Colon	11:00 - 13:00
THA cup long term results	Zagra, Luigi / López Duran, Luis	Hip	Main Auditorium	14:30 - 16:00
Hip fractures 1	Thorngren, Karl-Göran / Gil Garay, Enrique	Trauma/Polytrauma	Room: N105-106	14:30 - 16:00
Miscellaneous	Lindau, Tommy / Dudley, Antonio	Hand/wrist/arm/forearm	Room: N111-112	14:30 - 16:00
Tumours spine	Cannon, Stephen / Ubierna, Maite	Bone and joint tumours	Room: N113-114	14:30 - 15:30
Surgery of hallux	Valderrabano, Víctor / de Prado, Mariano	Foot/ankle/leg	Room: Neptuno	14:30 - 16:00
Osteoporosis	Dreinhöfer, Karsten / Herrera Rodriguez, Antonio	Osteoporosis	Room: N113-114	16:00 - 17:30
Hip fractures 2	Wirtz, Dieter / Gil Garay, Enrique	Trauma/Polytrauma	Room: N105-106	16:30 - 18:30
Risk factors and prophylaxis	Stuyck, Jose / Flores, Xavier	Infection	Room: Colon	16:30 - 18:30
Tribology - Meet the experts	Siebert, Werner / Toni, Aldo / Gomez-Barrena, Enrique / Milosev, Ingrid	General Orthopaedic/ complications/basic science/technology	Room: N101-102	17:30 - 18:30
Ankle and hindfoot	Maffulli, Nicola / Viladot, Antonio	Foot/ankle/leg	Room: Neptuno	17:30 - 18:30
<b>4 June 2010</b>				
Conservative surgery	Hutchison, James D. / Ribas, Manuel	Hip	Main Auditorium	8:30 - 10:30
THA surgical approaches	Graves, Stephen / Llopis, Rafael	Hip	Room: N118	8:30 - 10:00
Proximal humerus fractures	Lambert, Simon / Torrens, Carlos	Shoulder/elbow/arm/ forearm	Room: N105-106	8:30 - 10:30
Trauma/knee	Hagglund, Gunnar / Cassiano Neves, Manuel	Paediatrics	Room: N107-108	8:30 - 9:30
Distal radius fracture	Kopylov, Philippe / Llusá Pérez, Manuel	Hand/wrist/arm/forearm	Room: N111-112	8:30 - 10:30
Lower extremities (3 Minutes Free Paper)	Bégué, Thierry / Carpintero, Pedro	Lower limb	Room: Neptuno	08:30 - 10:30
Spine	Synder, Marek / Krauspe, Rüdiger	Paediatrics	Room: N107-108	9:30 - 10:30
Miscellaneous	Windhager, Reinhard / Martin, Xavier	Foot/ankle/leg	Room: Neptuno	13:00 - 14:30
Revision THA	Søballe, Kjeld / Murcia, Antonio	Hip	Main Auditorium	14:30 - 16:00
Miscellaneous	Fokter, Samo / Herrera Rodriguez, Antonio	General Orthopaedic/ complications/basic science/technology	Room: N104	14:30 - 16:30
THA metal on metal	Kjaergaard-Andersen, Per / Paz Jiménez, José	Hip	Room: N113-114	16:30 - 17:30

## Session Overview

## FREE PAPER SESSIONS

Session Title	Moderators	Category	Auditorium	Time
<b>4 June 2010</b>				
THA short and medium term results	Karachalios , Theofilos / Gallart , Xavier	Hip	Main Auditorium	16:30 - 17:30
Meniscus	Verdonk, René / Vaquero Martin, Francisco Javier	Sports/knee soft-tissue	Room: N104	17:00 - 18:30
THA long term results	Neves, Jose / García-Cimbrello, Eduardo	Hip	Main Auditorium	17:30 - 18:30
Carpal trauma	Botelho, Jose Carlos / Mir, Xavier	Hand/wrist/arm/forearm	Room: N105-106	17:30 - 18:30
<b>5 June 2010</b>				
DVT	Currie, Colin / Gomar , Francisco	General Orthopaedic/ complications/basic science/technology	Room: N107	8:30 - 9:30
Surgical considerations in TKA	Innocenti, Massimo / Valentí, Joan	Knee osseous	Room: N108	8:30 - 10:00
Pain control	Steens, Wolfram / Gomez Castresana, Fernando	General Orthopaedic/ complications/basic science/technology	Room: N107	9:30 - 10:30
Upper extremities (3 Minutes Free Paper)	Kopylov, Philippe / Martin-Ferrero, Miguel	Upper limb	Room: N115-116	10:00 - 11:30
Trauma	Caviglia, Horacio / Caba, Pedro	General Orthopaedic/ complications/basic science/technology	Room: N107	10:30 - 11:30
Sports ACL	Espregueira-Mendes, Joao / Monllau, Juan Carlos	Sports/knee soft-tissue	Room: N103-104	12:00 - 14:00
Joint replacement	Tein, Toomas / García de Lucas, Fernando	General Orthopaedic/ complications/basic science/technology	Room: N107	12:00 - 13:00
Polytrauma and acetabular fractures	de Pedro, José Antonio / Guerado, Enrique	Trauma/Polytrauma	Room: N111-112	12:00 - 13:30
Lumbar degenerative	Neves, Nuno / Combalia, Andres	Spine (incl. Trauma)	Room: N108	12:00 - 13:00
Implant infection	Malizos, Konstantinos / Romano, Carlo-Luca	Infection	Room: Colon	12:00 - 13:30
Resurfacing THA	McMinn, Derek / Marin-Peña, Oliver	Hip	Room: N101-102	13:00 - 15:30
Knee arthroplasty	Biau, David / Maculé, Francisco	Knee osseous	Room: N107	13:00 - 14:00
Cervical	Korres, Dimitrios / Villas Tome, Carlos	Spine (incl. Trauma)	Room: N108	13:00 - 14:00
Rotator Cuff	Mader, Konrad / Calvo , Emilio	Shoulder/elbow/arm/ forearm	Room: Neptuno	13:00 - 14:00
Elbow and forearm	de Pedro, José Antonio / Cano, Pedro	Trauma/Polytrauma	Room: N111-112	13:30 - 15:30
Hip	Anticevic, Darko / Pagnotta, Gaetano	Paediatrics	Room: N113-114	13:30 - 15:30
Miscellaneous	Campanacci, Domenico Andrea / Tusquets , Ignasi	Bone and joint tumours	Room: Colon	13:30 - 15:30
Bearings and THA	Tanner, Elisabeth / Gomez-Barrena, Enrique	General Orthopaedic/ complications/basic science/technology	Room: N107	14:00 - 15:30
Miscellaneous	Faundez, Antonio	Spine (incl. Trauma)	Room: N108	14:00 - 15:00
Prosthesis	Hoffmeyer, Pierre / Sanchez-Sotelo, Joaquin	Shoulder/elbow/arm/ forearm	Room: Neptuno	14:00 - 15:30

## NO. OF ABSTRACTS BY CATEGORY

Category	No. of Abstracts	Percentage
<b>EFORT</b>		
Hip	659	17%
General orthopaedics	566	15%
Trauma Lower Limb	384	10%
Knee osseous	357	9%
Sports/knee soft-tissue	232	6%
Paediatrics	232	6%
Hand and wrist	222	6%
Shoulder/elbow /arm/forearm	199	5%
Spine (including trauma)	190	5%
Trauma Upper Limb	187	5%
Foot/ankle/leg	163	4%
Bone and joint tumours	144	4%
Infection	143	4%
Pain control/rehab. and non-surg. mang.	90	2%
Osteoporosis	57	1%
Polytrauma	46	1%
Nurse	7	0%
<b>Total</b>	<b>3878</b>	

## SECOT (in Spanish)

Rodilla	99	13%
Cadera	84	11%
Mano - muñeca	83	11%
Pie-tobillo	82	11%
Tumores	73	10%
Traumatología (general, diáfisis, pelvis)	59	8%
Hombro	53	7%
Infantil	43	6%
Miscelánea	43	6%
Codo	38	5%
Columna	38	5%
Infeción	35	5%
Investigación	15	2%
Osteoporosis	9	1%
Dolor	7	1%
Cartílago	3	0%
<b>Total</b>	<b>764</b>	

## NO. OF ABSTRACTS BY COUNTRY

Spain	1304	28.1%
United Kingdom	1097	23.6%
Germany	252	5.4%
Italy	238	5.1%
Greece	196	4.2%
France	146	3.1%
Turkey	138	3.0%
Japan	117	2.5%
Portugal	102	2.2%
Romania	72	1.6%
Switzerland	68	1.5%
Netherlands	63	1.4%
Korea, Republic of	51	1.1%
Ireland	50	1.1%
United States	50	1.1%
Austria	48	1.0%
India	47	1.0%
Australia	42	0.9%
Iran, Islamic Republic of	42	0.9%
Brazil	41	0.9%
Serbia and Montenegro	37	0.8%
Belgium	35	0.8%
Denmark	32	0.7%
Canada	28	0.6%
Sweden	28	0.6%
Poland	27	0.6%
Israel	24	0.5%
Hungary	24	0.5%
Czech Republic	23	0.5%
Egypt	21	0.5%
Norway	17	0.4%
Slovenia	15	0.3%
Bulgaria	15	0.3%
Croatia	15	0.3%
Albania	13	0.3%
Finland	13	0.3%
Argentina	15	0.3%
Bosnia and Herzegovina	11	0.2%
Chile	11	0.2%
Malta	8	0.2%
Thailand	7	0.2%
Macedonia, the Former Yugoslav Republic of	7	0.2%
Ukraine	6	0.1%
South Africa	6	0.1%
Syrian Arab Republic	5	0.1%
Singapore	5	0.1%

## NO. OF ABSTRACTS BY COUNTRY

Taiwan	4	0.1%
Russian Federation	4	0.1%
Saudi Arabia	4	0.1%
New Zealand	3	0.1%
Tunisia	3	0.1%
Pakistan	3	0.1%
Sudan	2	0.0%
Monaco	1	0.0%
Moldova, Republic of	1	0.0%
China	1	0.0%
Latvia	1	0.0%
Gibraltar	1	0.0%
Kenya	1	0.0%
Andorra	1	0.0%
<b>Total</b>	<b>4642</b>	<b>100%</b>

## Abstracts Information

OUR THANKS ARE DUE TO ALL REVIEWERS WHO WILLINGLY GIVE OF THEIR EXPERTISE

Albert, John  
 Argenson, Jean-Noël  
 Atar, Dan  
 Atkins, Roger  
 Badekas, Thanos  
 Bahm, Jörg  
 Baldini, Nicola  
 Barco Laakso, Raul  
 Barysh, Alexander  
 Basad, Erhan  
 Becker, Roland  
 Bégué, Thierry  
 Benazzo, Francesco Maria  
 Bentley, George  
 Biau, David  
 Biberthaler, Peter  
 Böhler, Nikolaus  
 Bollini, Gérard  
 Botelho, Jose Carlos  
 Bumbasirevic, Marko  
 Cabral, Rui  
 Cáceres Palau, Enric  
 Calori, Giorgio  
 Campanacci, Domenico Andrea  
 Canero, Gianfranco  
 Cannon, Stephen R.  
 Carpintero, Pedro  
 Cartucho, Antonio  
 Casanova, José  
 Cassiano Neves, Manuel  
 Casteleyn, Pierre Paul  
 Caviglia, Horacio  
 Christodoulou, Anastassios  
 Cicak, Nikola  
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 Delincé, Philippe  
 Delmi, Marino  
 Dijkstra, Sander  
 Doets, Kees  
 Donell, Simon  
 Doral, Mahmut N.  
 Doyle, Christina

Dreinhöfer, Karsten  
 Dubrana, Frederic  
 Duus, Benn  
 Eastwood, Deborah  
 Egli, Andreas  
 Engel, Alfred  
 Epeldelgui, Tomas  
 Espiga, Xavier  
 Ewerbeck, Volker  
 Faundez, Antonio  
 Finlayson, David  
 Fisher, John  
 Fokter, Samo  
 Font, Jordi  
 Forriol, Francisco  
 Fritschy, Daniel  
 Garay, Enrique Gil  
 Garcia Cimbrello, Eduardo  
 Garnavos, Christos  
 Gatt, Ray  
 Gebuhr, Peter  
 Gerber Popp, Ariane  
 Gill, Richie  
 Gomez-Barrena, Enrique  
 Goncharov, Maxim  
 Gracia, Isidro  
 Graves, Steven  
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 Günther, Klaus-Peter  
 Guerado, Enrique  
 Hackney, Roger  
 Haerle, Max  
 Hagglund, Gunar  
 Haspl, Miroslav  
 Hefti, Fritz  
 Heim, Dominik  
 Hellinger, Stephan  
 Hernandez Hermoso, José Antonio  
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 Möger, Claus  
 Monllau, Jose Carlos

## OUR THANKS ARE DUE TO ALL REVIEWERS WHO WILLINGLY GIVE OF THEIR EXPERTISE

Montserrat Ramon, Ferran	Siebenrock, Klaus
Moshe, Yaniv	Søballe, Kjeld
Napiontek, Marek	Solgaard, Soren
Nelissen, Rob	Steens, Wolfram
Neves, José H.	Sudkamp, Norbert
Neyret, Philippe	Sur, Hakkı
Nicolaos, Maroudias	Suva, Domizio
Nijs, Stefaan	Svensson, Olle
Oliveira, Dimas	Synder, Marek
Ostgaard, Svend Erik	Szendrői, Miklos
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Ovesen, Ole	Tanner, Elisabeth
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Pohlemann, Tim	Van Mourik, Jan
Porvaneckas, Narunas	Vaquero, Javier
Postacchini, Franco	Verdonk, René
Poulsen, Thomas K.	Vihtonen, Kimmo
Puig-Verdié, Lluís	Viladot, Antonio
Radulescu, Adrian	Villas, Carlos
Ramón, Cugat Bertomeu	Virolainen, Petri
Randelli, Pietro	Volpin, Gershon
Ribas, Manuel	Waddell, James P.
Richter, Martinus	Wallace, Richard
Richter, Wiltrud	Wientroub, Schlomo
Robinson, Fred	Windhager, Reinhard
Rodríguez Merchán, Carlos Emérito	Wirth, Thomas
Romero, José	Yazici, Muharrem
Rommens, Pol	Zabala, Santiago
Ruchholtz, Steffen	Zagra, Luigi
Ruci, Vilson	Zammit, Jason
Rutz, Erich	Zilkens, Christoph
Sanchez-Sotelo, Joaquin	Zimmermann, Gerald
Sanderhoff Olsen, Bo	
Schoettle, Philip	
Schofer, Markus	
Schroeder, Henrik	
Servien, Elvire	

# Wednesday 2 June

WEDNESDAY  
2 JUNE

Room	Hall 9	Main Auditorium Ground Floor	N101-102 1st Floor	N103 1st Floor	N104 1st Floor	N105-106 1st Floor	N107-108 1st Floor	N111-112 1st Floor	
Hour									
8:00									
8:30									
9:00			Fast track hip fracture treatment Hip Symposium	Cartilage / Conservative management Sports/Knee soft-tissue Free Papers	Blood transfusion General Orthopaedics Free Papers	Shoulder trauma Shoulder/elbow Free Papers	Lower limb deformities and neurological problems Paediatrics Free Papers	Trapeziometacarpal osteoarthritis FESSH Guest Session	
9:30									
10:00				Arthroscopic ACL repair AGA Guest Session	Osteoarthritis General Orthopaedics Free Papers				
10:30			THR in the dysplastic hip Hip Instructional Lecture			Necrotising fasciitis Infection Instructional Lecture	Paediatric foot Paediatrics Free Papers		
11:00									
11:30			Break						
12:00		Arthroplasties in Europe: Quality assurance and registries General Orthopaedic Plenary Session			General Orthopaedics and osteoporosis General Orthopaedics Free Papers 3 min.				
12:30									
13:00									
13:30	Industry Exhibition open		Reconstruction of acetabular fractures: Late complications - surgical solutions ESPA Guest Session	From proof to practice: Innovations in total hip replacement and total knee replacement Boehringer Ingelheim Satellite Symposium		VTE Prevention in major orthopaedic surgery Bristol-Myers Squibb / Pfizer Inc. Satellite Symposium	Fragility fractures; Orthopaedic and metabolic management Eli Lilly Satellite Symposium	Advanced treatment in wrist and hand arthroscopy Hand/Wrist ExMEx	
14:00									
14:30									
15:00			THR in young patients registries Hip Free Papers		CAS in knee arthroplasties Knee Osseous Free Papers	Biomechanics General Orthopaedics Free Papers	Fractures around the knee Trauma/Polytrauma Free Papers	EFORT & UEMS - Training and manpower in Europe. Is there a need for harmonisation? General Orthopaedics Symposium	Break
15:30				The painful arthroplasty EHS Guest Session					Advanced treatment in wrist and hand arthroscopy Hand/Wrist ExMEx
16:00									
16:30			Break						
17:00									
17:30		Hip complications Hip Free Papers	Lessons learnt from long-term total hip arthroplasty studies EHS Guest Session	TKA outcome Knee Osseous Free Papers	Bone healing General Orthopaedics Free Papers	Complex tibial fractures Trauma/Polytrauma Free Papers	The immature athlete's knee Paediatrics Symposium	Miscellaneous 1 Hand/Wrist Free Papers	
18:00									
18:30			18.45 - 20.00 Opening Ceremony Main Auditorium						

IL = Instructional Lecture    CCD = Controversial Case Discussion    ExMEx = Experts meet Experts



N113-114 1st Floor	N115-116 1st Floor	Colon 2nd Floor	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor	N109-110 1st Floor	Room
							Hour
							8:00
							8:30
Thoraco-lumbar fractures Spine Instructional Lecture	Mobile vs. fix bearing TKR Knee Osseous Free Papers	Regenerative medicine in orthopaedics EORS Guest Session	Soft-tissues and fractures Infection Free Papers	ATC 1 Cadera Comunicaciones SECOT	Columna Varios Comunicaciones GEER	Presentación casos clínicos MIR Sesión SECOT	9:00
Trauma spine Spine Free Papers	TKA complications Knee Osseous Free Papers	Elbow Shoulder/Elbow Free Papers	Achilles tendinopathy Foot/Ankle Instructional Lecture	Presentación de casos clínicos SECCA Sociedad		Presentación Editorial SECOT Sesión SECOT	9:30
							10:00
							10:30
							11:00
							11:30
							Break
							12:00
							12:30
							13:00
							Break
Signature, personalised knee replacement Biomet Satellite Symposium	Recon innovations in the new decade Zimmer GmbH Satellite Symposium	From theory to clinical practice – a new look at innovative negative pressure therapy in ortho- paedic/trauma surgery KCI Satellite Symposium	An update on bone graft substitutes in trauma and orthopaedic care. Update on Osigraft and HydroSet Stryker Satellite Symposium	Pie y tobillo Comunicaciones SECOT	Investigación GICO Grupo de Estudio Comunicaciones SECOT		13:30
							14:00
							14:30
Minimally invasive spinal surgery procedures ISLASS Guest Session	Extensor mechanism and patello femoral disorders Sports/Knee soft-tissue Free Papers	The elbow fracture Paediatrics CCD	Ankle trauma Foot/Ankle Free Papers	Fracturas Pie tobillo Comunicaciones SECOT	Sesión de casos clínicos SEROD Sociedad	Haiti: Disaster relief workers and their experience General Orthopaedics Symposium	15:00
							15:30
							16:00
							16:30
							Break
Minimally invasive spinal surgery procedures ISLASS Guest Session	Bone and joint reconstruction Bone and joint tumours Free Papers	Diabetic foot Foot/Ankle CCD	Complex foot trauma Foot/Ankle Free Papers	Reunión ordinaria del GEIOS congreso SECOT 2010 GEIOS Grupo de estudio Español	- Conceptos actuales en la reconstrucción del LCA - Conceptos actuales en la luxación acromio- clavicular AEA/SPAT Sociedad		17:00
							17:30
							18:00
							18:30
							18.45 – 20.00 Opening Ceremony Main Auditorium

09:00 - 10:00

Spine (incl. Trauma)

IL	THORACO-LUMBAR FRACTURES Moderator: Klezl, Zdenek (UK)	ROOM: N113-114
Lecturer: Faundez, Antonio (Switzerland)		

Sports/knee soft-tissue

FREE PAPER	CARTILLAGES / CONSERVATIVE MANAGEMENT Moderators: Paessler, Hans (Germany) / Arriaza, Rafael (Spain)	ROOM: N103
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F20	Osteochondral allografts preserved under different conditions. Effect of the temperature and cryopreservation with dimethyl sulfoxide. Experimental study in sheep. Authors: Forriol, Francisco / Longo, Umile-Giuseppe / Alvarez, Eduardo / Campi, Stefano / Ripalda, Purificacion / Maffulli, Nicola / Denaro, Vincenzo Speaker: Forriol, Francisco (Italy)
F21	Autologous Preparation Rich in Growth Factors for treating hip and knee osteoarthritis Authors: Sanchez, Mikel / Anitua, Eduardo / Guadilla, Jorge / Aguirre, Jose / Andia, Isabel Speaker: Guadilla, Jorge (Spain)
F22	Four-year Results from a Randomized Controlled Study of Knee Chondroplasty. (Mechanic debridement versus radiofrequency chondroplasty) Authors: Spahn, Gunter / Klinger, Hans Michael / Mückley, Thomas / Hofmann, Gunther Speaker: Spahn, Gunter (Germany)
F23	The relationship between the in vivo measured stiffness and the histological stage of degeneration of human knee articular cartilage Authors: Szerb, Imre / Mikó, Ibolya / Pánics, István / Hangody, László Speaker: Szerb, Imre (Hungary)
F24	Functional Outcome Following Combined Simultaneous Autologous Chondrocyte Implantation and High Tibial Osteotomy Authors: Parratt, Michael / Nawaz, Zuhair / Gikas, Panos / Carrington, Richard / Skinner, John / Bentley, George / Briggs, Timothy Speaker: Parratt, Michael (United Kingdom)
F25	Delay in diagnosis of anterior cruciate ligament ruptures Authors: Arastu, Mateen / Twyman, Roy Speaker: Arastu, Mateen (United Kingdom)

General Orthopaedic/complications/basic science/technology

FREE PAPER	BLOOD TRANSFUSION Moderators: Radulescu, Radu (Romania) / Suso, Santiago (Spain)	ROOM: N104
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F41	A Review Of Blood Transfusion Practice Following Hip And Knee Arthroplasty: An Analysis Of Predictive Factors Authors: Hossain, Fahad / Knott, Kris / Patel, Shelain / Konan, Sujith / Rayan, Faizal / Haddad, Fares Speaker: Hossain, Fahad (United Kingdom)
F42	Evaluation of an Autologous Retransfusion Drains System for Total Knee and Hip Replacement Authors: Royo Naranjo, Antonio / Montesa Pino, Guillermo / Martinez Malo, Javier / Sesma Solis, Pedro / Villanueva Pareja, Francisco Speaker: Royo Naranjo, Antonio (Spain)
F43	Randomised controlled trial of the use of topical application of tranexamic acid in primary total knee replacement Authors: Alshryda, Sattar / Sharda, Praveen / Shetty, Anup / Vaghela, Manesh / Logishetty, Raj / Tulloch, Chris / Antoni, Nargol / Mason, James Speaker: Sharda, Praveen (United Kingdom)
F44	Tranexamic acid provides significant cost benefit and reduced blood loss in primary hip and knee arthroplasty. Authors: Gooding, Benjamin / Williams, Philip Speaker: Williams, Philip (United Kingdom)
F45	Blood Transfusion-sparing plan in primary total knee arthroplasty Authors: Hourlier, Hervé / Fennema, Peter / Liné, Bernard Speaker: Hourlier, Hervé (France)

09:00 – 10:00

- F46 Allogenic blood transfusion after primary total knee replacement  
 Authors: Aguiar García, Francisco / Avila Dietz, Alejandro / Morales Marcos, Victor / Fernández Palomero, Agustín / Vilaseca Agüera, María Adela / Garcerán Ortega, María José  
 Speaker: Aguiar García, Francisco (Spain)
- 
- F47 The hidden blood loss after hip fracture  
 Authors: Smith, George / Tsang, Jerry / Molyneux, Samuel / White, Tim  
 Speaker: Smith, George (United Kingdom)

Knee osseous

FREE PAPER MOBILE VS. FIX BEARING TKR

ROOM: N115-116

Moderators: Marcacci, Maurilio (Italy) / Montserrat, Ferran (Spain)

- F150 The Scorpio Total Knee Prosthesis with a mobile bearing or fixed bearing polyethylene insert. A randomized clinical trial at two year follow-up.  
 Authors: Deckers, Patrick / Arts, J. / Jutten, E. / Lodewick, T. / Punt, I. / Steijn Van, M. / Rhijn Van, L.  
 Speaker: Deckers, Patrick (Netherlands)
- 
- F151 A comparison of fixed-bearing and mobile-bearing total knee arthroplasty at a minimum follow-up of 4.5 years.  
 Authors: Malhotra, Rajesh / Kumar, Vijay / Eachempati, K. / Bhan, Surya  
 Speaker: Malhotra, Rajesh (India)
- 
- F152 Mobile- vs. Fixed-bearing Total Knee Arthroplasty; are mobile-bearing functionally better?  
 Authors: Gupta, Shreekant / Mallya, Nagesh / Davies, Elizabeth / Worth, Theresa / Griffiths, Paula  
 Speaker: Gupta, Shreekant (United Kingdom)
- 
- F153 Patellar tracking in mobile bearing and fixed bearing total knee replacements, a cadaveric study  
 Authors: Heinert, Gideon / Kendoff, Daniel / Gehrke, Thorsten / Preiss, Stefan / Sussmann, Patrick  
 Speaker: Heinert, Gideon (Switzerland) Selected within the best Free Papers
- 
- F154 The Rates of Osteolysis in Well-Functioning Contemporary Total Knee Arthroplasty in Young Patients. A Comparison of Fixed-Bearing and Mobile-Bearing Knees  
 Authors: Kim, Young-Hoo / Choi, Yoowang / Kim, Jun-Shik  
 Speaker: Kim, Young-Hoo (Korea, Republic of)
- 
- F155 Randomized clinical evaluation of bone mineral density variation using cemented titanium versus non-cemented trabecular metal tibial base plates in primary total knee arthroplasty  
 Authors: Belzile, Etienne / Angers, Michele / Malo, Michel / Vendittoli, Pascal-André / Diwanji, Sanket / Bouchard, Marc  
 Speaker: Vendittoli, Pascal-André (Canada)

09:00 – 10:30

GUEST SESSION

EORS



REGENERATIVE MEDICINE IN ORTHOPAEDICS

ROOM: COLON

Organisers: Baldini, Nicola (Italy) / Gomez-Barrena, Enrique (Spain)

Hospital-based GMP facilities and their role in clinical-grade production of cellular therapies  
 Speaker: Giordano, Rosaria (Italy)

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Biomaterials in the support of cells  
 Speaker: Ginebra, Maria-Pau (Spain)

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Cell therapy of bone necrosis in children  
 Speaker: Müller, Ingo (Germany)

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Percutaneous bone marrow grafting  
 Speaker: Hernigou, Philippe (France)

09:00 - 10:30

Hip

**SYMPOSIUM FAST TRACK HIP FRACTURE TREATMENT**  
Organiser: **Thorngren, Karl-Göran (Sweden)**

ROOM: N101-102

Introduction, Swedish development  
Speaker: Thorngren, Karl-Göran (Sweden)

Scottish fast track operation  
Speaker: Hutchison, James D. (Scotland)

UK National hip fracture database rehabilitation experience  
Speaker: Currie, Colin (UK)

Swiss fast track operation  
Speaker: Hoffmeyer, Pierre (Switzerland)

Danish fast track operation  
Speaker: Lauritzen, Jes Bruun (Denmark)

Spanish fast track operation  
Speaker: Vaquero Martin, Francisco Javier (Spain)

Discussion

Shoulder/elbow/arm/forearm

**FREE PAPER SHOULDER TRAUMA**  
Moderators: **Sur, Hakki (Turkey) / Marco Martinez, Fernando (Spain)**

ROOM: N105-106

- F93 Painless reduction of anterior shoulder dislocation using a hybrid kocher- milch maneuver- presentation of a new technique  
Authors: Gkantaifis, Nikolaos / Gkantaifis, Nikolaos / Roumpis, Gerasimos / Tsami, Charalampia / Korres, Nektarios / Tsitouras, Dimosthenis / Hanti, Iouf / Davelis, Sotirios / Tsaparas, Christos  
Speaker: Gkantaifis, Nikolaos (Greece)
- F94 Assessment of Shoulder Mobility - presentation of a new user-friendly instrument  
Authors: El-Zayat, Bilal / Efe, Turgay / Heidrich, Annett / Anetsmann, Robert / Timmesfeld, Nina / Fuchs-Winkelmann, Susanne / Schofer, Markus  
Speaker: El-Zayat, Bilal (Germany)
- F95 Validating Inertia Sensor based Motion Analysis as a clinical Outcome Measure for Shoulder Function.  
Authors: Körver, Rob / Heyligers, Ide / Grimm, Bernd  
Speaker: Körver, Rob (Netherlands)
- F96 Generalized ligament laxity in patients undergoing revision shoulder stabilization  
Authors: Akhtar, Muhammad / Robinson, Christopher  
Speaker: Akhtar, Muhammad (United Kingdom)
- F98  Revisiting the UK shoulder surgeon's approach to traumatic, anterior shoulder dislocation in the young patient.  
Authors: Malhotra, Akshay / Freudmann, Matt / Hay, Stuart  
Speaker: Malhotra, Akshay (United Kingdom)
- F99 Intra-medullary fixation of clavicle fractures with Rockwood Pin  
Authors: Nazar, Muhammad / Latif, Atif / Muddu, Bisal / McClelland, Damian / Waseem, Mohammad  
Speaker: Nazar, Muhammad (United Kingdom)
- F100 Arthroscopic treatment of chronic shoulder pain after minimally displaced greater tuberosity fractures.  
Authors: De Casas, Ricardo / Valadrón, Miguel / Cidoncha, Myriam  
Speaker: De Casas, Ricardo (Spain)
- F101 Grade III AC-joint injuries - is operative treatment still justifiable?  
Authors: Buergi, Martin / Stillhard, Philipp / Sommer, Christoph / Stoffel, Karl  
Speaker: Stillhard, Philipp (Switzerland)
- F97 Traumatic Anterior Dislocation of the Shoulder: Arthroscopic Versus Open Stabilization at 10 to 17 year Follow Up  
Authors: Giordano, Giovanni / Zaffagnini, Stefano / Zarbà, Viviana / Lo Presti, Mirco / Nitri, Marco / Bruni, Danilo / Delcogliano, Marco / Marcheggiani Muccioli, Giulio / Marcacci, Maurilio  
Speaker: Marcacci, Maurilio (Italy)



09:00 – 10:30

Paediatrics

FREE PAPER LOWER LIMB DEFORMITIES AND NEUROLOGICAL PROBLEMS

ROOM: N107-108

Moderators: Radler, Christof (Austria) / Sanpera, Ignasi (Spain)

- |      |                                                                                                                                                                                                                                      |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F120 | Treatment of congenital pseudarthrosis of the tibia by dual cortical graft<br>Authors: Chomiak, Jiri / Dung, Pavel / Ostadal, Martin<br>Speaker: Chomiak, Jiri (Czech Republic)                                                      |
| F121 | Limb Reconstruction using Circular Frames in Children and Adolescents with Spina Bifida.<br>Authors: Kelley, Simon / Bache, C. / Graham, H. / Donnan, Leo<br>Speaker: Kelley, Simon (Australia)                                      |
| F122 | Differential Functional Improvement of Lower Limb Deformities Following Ilizarov Correction<br>Authors: Kotb, Hatem<br>Speaker: Kotb, Hatem (Egypt)                                                                                  |
| F123 | Should Children With Amputation Be Screened For Physcal Growth Arrest Following Meningococcal Septicaemia?<br>Authors: Akrawi, Hawar / Uglow, Michael / Marsh, Michael<br>Speaker: Akrawi, Hawar (United Kingdom)                    |
| F124 | Femoral Torsion – an Unrecognized Component of Blount's disease<br>Authors: Aird, James / Hogg, Andrew / Rollinson, Paul<br>Speaker: Aird, James (United Kingdom)                                                                    |
| F125 | Surgical management of children with osteogenesis imperfecta using the Fassier-Duval intramedullary nail.<br>Authors: Engell, Vilhelm / Hvid, Ivan / Moller-Madsen, Bjarne / Davidsen, Michael<br>Speaker: Engell, Vilhelm (Denmark) |
| F126 | Botulinum toxin injections to reduce internal rotation contractures in neonatal brachial plexus palsy<br>Authors: Duijnsveld, Bouke / Van Wijlen -Hempel, M. / Nagels, J. / Nelissen, R.<br>Speaker: Duijnsveld, Bouke (Netherlands) |
| F127 | Preoperative Routine Hematologic Tests of Children with Cerebral Palsy Do Not Differ From the Ones of Control Patients<br>Authors: Omeroglu, Hakan / Turgut, Kemal / Harmansa, Selim<br>Speaker: Omeroglu, Hakan (Turkey)            |
| F128 | Does the tendon lengthening surgery affect the muscle tone in children with Cerebral Palsy?<br>Authors: Vlachou, Maria / Pierce, Rosemary / Davis, Rita Miranda / Sussman, Michael<br>Speaker: Vlachou, Maria (United States)        |

Infection

FREE PAPER SOFT-TISSUES AND FRACTURES

ROOM: NEPTUNO

Moderators: Wagner, Christoph (Germany) / Flores, Xavier (Spain)

- |      |                                                                                                                                                                                                                                            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F195 | Necrotizing fasciitis - risk profile and outcome<br>Authors: Hungerer, Sven / Miltz, Matthias / Von Stein, Thomas / Berger, Nina / Bühren, Volker<br>Speaker: Hungerer, Sven (Germany)                                                     |
| F197 | Cryo-preserved human skin allograft coverage versus open wound management in open tibial fracture<br>Authors: Radwan, Yasser / Abdel Aziz, Mohamed / El Ghoneimy, Ahmed / Nohmany, Sameh<br>Speaker: Radwan, Yasser (Egypt)                |
| F198 | Negative Pressure Wound Therapy in a Contaminated Musculoskeletal Wound Model: Is NPWT Effective on S. aureus?<br>Authors: Stinner, Daniel / Waterman, Scott / Wenke, Joseph<br>Speaker: Stinner, Daniel (United States)                   |
| F200 | Closed fracture callus may contain microbes responsible for non-union<br>Authors: Szczesny, Grzegorz / Gorecki, Andrzej / Olszewski, Waldemar / Swoboda -Kopec, Ewa / Stelmach, Ewa<br>Speaker: Szczesny, Grzegorz (Poland)                |
| F201 | Use of an Antibiotic coated nail in treatment of infected nonunions of fracture shaft of femur: Preliminary results in ten cases<br>Authors: Kumar, Vijay / Nataraj, Ar / Garg, Bhavuk / Malhotra, Rajesh<br>Speaker: Kumar, Vijay (India) |
| F202 | Tibial Non-Union With Infection, When To Debride?<br>Authors: Allam, Ahmad<br>Speaker: Allam, Ahmad (Egypt)                                                                                                                                |

09:00 - 10:30

F203 Hypoalbuminemia as a Cause of Post-surgical Wound Discharge after Orthopaedic Surgery  
Authors: Espandar, Ramin / Farhud, Amir Reza / Yazdanian, Shideh  
Speaker: Espandar, Ramin (Iran, Islamic Republic of)

F199 Study into outcomes of open fractures treated with internal fixation, in relation to HIV co-infection:  
Authors: Aird, James / Noor, Saqib / Rollinson, Paul  
Speaker: Aird, James (United Kingdom)

09:00 - 11:30

GUEST SESSION

FESSH



TRAPEZIOMETACARPAL OSTEOARTHRITIS

ROOM: N111-112

**Organisers: Ferreira Villanova, Javier (Spain) / García-Elías Cos, Marc (Spain)**

Anatomical introduction: Anatomical and functional aspects of the first CMC joint  
Speaker: Llusá Pérez, Manuel (Spain)

Surgical procedures in early stages: Advances in arthroscopic treatment of the trapeziometacarpal joint arthritis  
Speaker: Luchetti, Riccardo (Italy)

Surgical procedures in early stages: Indications and outcomes of metacarpal and trapezium repositioning osteotomy  
Speaker: Goubau, Jean (Belgium)

Ligament reconstruction tendon interposition arthroplasties: Biomechanical aspects and clinical results of Welby arthroplasty in thumb basal joint arthritis  
García-Elías, Marc (Spain)

Suspension-interposition arthroplasty with APL: rationale and clinical results  
Speaker: Ceruso, Massimo (Italy)

Interpositional biomaterials: Surgical technique and short-term outcomes of a pyrolytic carbon interpositional implant  
Ferreira, Javier (Spain)

Interpositional biomaterials: Early results of the trapeziometacarpal Artelon implant  
Speaker: González del Pino Villanueva, Juan (Spain)

Thumb basal joint arthrodesis: Trapeziometacarpal arthrodesis in thumb osteoarthritis  
Speaker: De Smet, Luc (Belgium)

Trapezium metacarpal implant arthroplasties: Long term results and technique of silicone implant arthroplasty for basal joint arthritis  
Speaker: Lluch Homedes, Alberto (Spain)

Trapezium metacarpal implant arthroplasties: Results of the Arpe prosthesis for the basal thumb osteoarthritis  
Speaker: Apard, Thomas (France)

Trapezium metacarpal implant arthroplasties: Experience with the Electra trapezium metacarpal prosthesis  
Speaker: Regnard, Pierre Jean (France)

Salvage procedures in young patients with thumb CMC OA: Salvage procedures in young patients with advanced thumb CMC osteoarthritis  
Speaker: del Piñal, Francisco (Spain)

10:00 - 11:30

General Orthopaedic/complications/basic science/technology

FREE PAPER OSTEOARTHRITIS

ROOM: N104

Moderators: Albert, John (UK) / Moreno, Alonso Carlos (Spain)

- F48 Hypoxic Regulation of Chondrocyte Differentiation and its Application to Cartilage Repair  
Authors: Blakeney, William / Carey-Smith, Richard / Underhill, Michael / Short, Brenton / Wood, David  
Speaker: Blakeney, William (Australia)
- F49 Impaired expression of genes regulating cholesterol efflux in human osteoarthritic chondrocytes  
Authors: Tsezou, Aspasia / Iliopoulos, Dimitrios / Malizos, Konstantinos / Simopoulou, Theodora  
Speaker: Tsezou, Aspasia (Greece)
- F50 Extension Facet Angle Of The Medial Tibial Plateau Is Increased In Patients With Early Anteromedial Gonarthrosis  
Authors: Bottomley, Nicholas / Javaid, Mohammed / Judge, Andrew / Gill, Harinderjit / Murray, David / Beard, David / Price, Andrew  
Speaker: Bottomley, Nicholas (United Kingdom)
- F51 Anatomical bases for the posterior brachial fascia free flap  
Authors: Fontaine, Christian / Wavreille, Guillaume / Bricout, Jerome / Demondion, Xavier / Chantelot, Christophe  
Speaker: Fontaine, Christian (France)
- F52 The serum levels of Receptor Activator of Nuclear Factor- $\kappa$ B Ligand, Bone-specific Alkaline Phosphatase, Osteocalcin and Osteoprotegerin do not correlate with the radiographically assessed severity of idiopathic hip and knee osteoarthritis  
Authors: Kenanidis, Eustathios / Potoupnis, Michael / Papavasiliou, Kyriakos / Pellios, Stauros / Sayegh, Fares / Kapetanios, George  
Speaker: Kenanidis, Eustathios (Greece)
- F53 Apoptosis is not the Major Death Mechanism Induced by Reseveratrol and Other Agents on Osteoarthritis and Rheumatoid Arthritis Synovial Fibroblasts  
Authors: Glehr, Mathias / Walzer, Sonja / Lohberger, Birgit / Rinner, Beate / Gerald, Gruber / Fuerst, Florentine / Graninger, Winfried / Windhager, Reinhard  
Speaker: Glehr, Mathias (Austria)
- F54 Joint space narrowing on standard shoulder X-rays is independent from the development of osteoarthritis  
Authors: Kircher, Jörn / Kuerner, Konstanze / Morhard, Markus / Magosch, Petra / Krauspe, Rüdiger / Habermeyer, Peter  
Speaker: Kircher, Jörn (Germany)
- F55 Are animal humeri suitable for testing suture anchors? A biomechanical and ultrastructural analysis of humeri in different species.  
Authors: Pietschmann, Matthias / Rösl, Christine / Hölzer, Andreas / Scharpf, Andreas / Niethammer, Thomas / Jansson, Volkmar / Müller, Peter  
Speaker: Pietschmann, Matthias (Germany)
- F56 Clonal Mesenchymal Stem Cell Populations Derived From the Synovial Fat Pad Exhibit a Similar Cell Surface Characterisation Profile but Variable Chondrogenic Differentiation Potential

Spine (incl. Trauma)

FREE PAPER TRAUMA SPINE

ROOM: N113-114

Moderators: Barysh, Alexander (Ukraine) / de Pedro, José Antonio (Spain)

- F141 5-Year Outcomes after Thoracoscopic Ventral Spondylodesis of Incomplete Burst Fractures of the Thoracolumbal Spine  
Authors: Spiegl, Ulrich / Merkel, Patricia / Hauck, Stefan / Beisse, Rudolf / Gonschorek, Oliver  
Speaker: Spiegl, Ulrich (Germany)
- F142 Thoracoscopically-implantable Telescopic Vertebral Body Replacement Cage for Treatment of Thoracolumbar Fractures  
Authors: Shawky, Ahmed / Boehm, Heinrich  
Speaker: Shawky, Ahmed (Germany)
- F143 New treatment for the vertebral fractures: Cifoplasty with stent. Description and first results  
Authors: Sanz Ruiz, Pablo / Vethencourt Delia, Ricardo / Vicente Herrera, Edmundo / Chana Rodriguez, Francisco / Fernández Mariño, José Ramón / Diaz-Mauriño Garrido-Lestache, Juan / Villanueva Martínez, Manolo / Rojo Manaute, Jose Manuel / Vaquero Martin, Javier  
Speaker: Sanz Ruiz, Pablo (Spain)
- F144 6-Years follow-up results of balloon kyphoplasty in osteoporotic compression fractures of thoracolumbar spine  
Authors: Nikolopoulos, Dimitrios / Sergides, Neoptolemos / Tsilikas, Srauos / Safos, George / Safos, Petros / Terzis, George / Papagiannopoulos, George  
Speaker: Sergides, Neoptolemos (Greece)

10:00 - 11:30

F145	Is back pain from road traffic accidents and other traumatic injuries related to the sacro iliac joint? Authors: Ampat, George / West, Malcolm / Palial, Vishal Speaker: West, Malcolm (United Kingdom)
F146	No beneficial effect of bracing in the treatment of compression type thoracolumbar vertebral fractures: a comparative study between bracing and bed rest Authors: Kayali, Cemil / Edizsoy, Tunc / Agus, Haluk Speaker: Kayali, Cemil (Turkey)
F147	What should be an anatomical reduction considering traumatic vertebral compression fractures? Authors: Hansen-Algenstaedt, Nils / Beyerlein, Joerg / Noriega, David Speaker: Hansen-Algenstaedt, Nils (Germany)
F148	Complications of spinal cord injury: predictive factors Authors: Spranger, André / Correia Jesus, Marcos / Batista, Nuno / Fernandes, Pedro / Tirado, António / Monteiro, Jacinto Speaker: Spranger, André (Portugal)
F149	Cervical Flexion-Distraction Injuries and Vertebral Arteries Authors: Sim, Ernst / Berzlanovich, Andrea Speaker: Sim, Ernst (Austria)

Knee osseous

FREE PAPER TKA COMPLICATIONS

ROOM: N115-116

Moderators: Jenny, Jean-Yves (France) / Aramburu, Fermí (Spain)

F156	Efficiency and safety during knee arthroplasty surgery Authors: Van Strien, Thisbe / Dankelman, Jenny / Bruijn, Jon / Feilzer, Q. / Rudolph, Vincent / Van Der Linden Van Der Zwaag, Enrike / Van Der Heide, Huub / Valstar, Edward / Nelissen, Rob Speaker: Van Strien, Thisbe (Netherlands)
F157	Early outcomes and complications in high risk patients undergoing primary total knee arthroplasty. Authors: Harris, Mark / Haque, Syed / Gill, Ian / Chauhan, Sandeep Speaker: Harris, Mark (United Kingdom)
F158	Tranexamic acid in total knee replacements: a meta-analysis Authors: Sukeik, Mohamed / Alshryda, Sattar / Sharda, Praveen / Lou, T. / Nargol, Anthony / Mason, J. Speaker: Lou, T. (United Kingdom)
F159	Timing of symptomatic venous thromboembolism and bleeding events after total knee arthroplasty: A pooled analysis of rivaroxaban studies Authors: Fisher, William / Gent, Michael / Lassen, Michael / Kakkar, Ajay / Eriksson, Bengt / Berkowitz, Scott / Turpie, Alexander Speaker: Fisher, William (Canada)
F160	Current evidence in the use of topical fibrin sealant in total knee replacement (TKR):- A systematic review Authors: Taylor, James / Oyekanmi, Olufemi / Ng, Aaron Speaker: Oyekanmi, Olufemi (United Kingdom)
F161	Early Deaths Following Knee Replacement Authors: Parry, Michael / Wylde, Vikki / Blom, Ashley Speaker: Parry, Michael (United Kingdom)
F162	The patella baja as a complication of total knee replacement. Use of Insall's approach in its prevention. Authors: Alfonso Fernández, Ana / Prieto Montaña, José Ramiro / Prieto Salceda, Dolores / Manso Pérez Cosío, Jesús / Rupérez Vallejo, Miguel / Garcés Zorzalejo, Carlos / Galindo Rubín, Pablo / García González, Sara / Pérez Núñez, María Isabel / Pérez Carro, Luis Speaker: Alfonso Fernández, Ana (Spain)
F163	Natural history of fixed flexion deformity following total knee arthroplasty- a prospective study Authors: Quah, Conal / Kendrew, John / Swamy, Girish / Badhe, Nitin Speaker: Quah, Conal (United Kingdom)
F164	A less invasive arthrolysis to treat knee stiffness on flexion after TKA. Authors: Duysens, Christophe / Delcour, Jean-Pierre / Corvilain, Anne-Cécile / Colsoul, Christelle Speaker: Duysens, Christophe (Belgium)

10:00 – 11:30

GUEST SESSION

**AGA (Deutschsprachige Arbeitsgemeinschaft für Arthroskopie)**



**ARTHROSCOPIC ACL REPAIR: SINGLE BUNDLE VERSUS DOUBLE BUNDLE JOIN-PRESERVING SURGERY FOR OSTEOARTHRITIS** ROOM: N103

**Organisers: Mayr, Hermann (Germany) / Petersen, Wolf (Germany)**

Cost analysis in ACL-reconstruction  
Speaker: Becker, Roland (Germany)

Single bundle ACL-reconstruction using patellar tendon autograft - what is the gold standard?  
Speaker: Boszotta, Harald (Austria)

Are there different indications for double-bundle and single-bundle ACL-reconstruction?  
Speaker: Mayr, Herrman (Germany)

Instrumented validation of ACL-repair under consideration of rotation and AP translation  
Speaker: Mayr, Hermann (Germany)

Anatomical and nonanatomical double-bundle ACL-reconstruction  
Speaker: Petersen, Wolf (Germany)

Reapproximating the footprints of native ACL in double-bundle reconstruction  
Speaker: Lorenz, Stephan (Germany)

Take home message  
Speakers: Mayr, Hermann (Germany), Petersen, Wolf (Germany)

10:30 – 11:30

**Hip**  
IL THR IN THE DYSPLASTIC HIP ROOM: N101-102  
Moderator: Knahr, Karl (Austria)  
Lecturer: Søballe, Kjeld (Denmark)

**Infection**  
IL NECROTISING FASCIITIS ROOM: N105-106  
Moderator: Hernandez-Hermoso, Jose (Spain)  
Lecturer: Giannoudis, Peter (UK)

**Foot/ankle/leg**  
IL ACHILLES TENDINOPATHY ROOM: NEPTUNO  
Moderator: Valderrabano, Victor (Switzerland)  
Lecturer: Maffulli, Nicola (UK)

**Paediatrics**  
FREE PAPER PAEDIATRIC FOOT ROOM: N107-108  
Moderators: Dimeglio, Alain (France) / Anticevic, Darko (Croatia)  
F129 Evaluation of embryonic and perinatal myosin gene mutations and the etiology of congenital idiopathic clubfoot  
Authors: Shyy, William / Wang, Kai / Sheffield, Val / Morcuende, Jose  
Speaker: Morcuende, Jose (United States)  
F130 Idiopathic Congenital Talipes Equino Varus: Predictors of Outcome when using Ponseti Method  
Authors: Kotb, Hatem  
Speaker: Kotb, Hatem (Egypt)  
F131 Structures at risk during tibialis anterior tendon transfer fixation.  
Authors: Radler, Christof / Gourdine-Shaw, Monique / Herzenberg, John  
Speaker: Radler, Christof (Austria)

10:30 - 11:30

- F132 Split Tibialis Anterior Tendon Transfer (SPLATT) in Recurrent Clubfoot Deformity  
Authors: Stanley, James / Mac Niocaill, Ruairi / Perara, Anthony / Stephens, Michael  
Speaker: Stanley, James (Ireland)
- 
- F133 Assessment of range of motion of ankle joint in operated equinovarus foot deformity in both clinical and gait analysis examinations  
Authors: Poul, Jan / Fedrova, Aneta / Jadrny, Jan / Bajerova, Jaroslava  
Speaker: Poul, Jan (Czech Republic)
- 
- F134  Tricalcium Phosphate in the Treatment of Juvenile Bone Cysts in Children  
Authors: Planka, Ladislav / Ondrus, Simon / Straka, Miroslav / Stary, David / Gal, Petr  
Speaker: Planka, Ladislav (Czech Republic)

10:30 - 12:00

Shoulder/elbow/arm/forearm

FREE PAPER

ELBOW

ROOM: COLON

Moderators: Radulescu, Radu (Romania) / Antuña, Samuel (Spain)

- F186 Newcastle approach to the elbow, a cadaveric study  
Authors: Amirfeyz, Rouin / Clark, Damian / Quick, Tom / Blewitt, Neil  
Speaker: Amirfeyz, Rouin (United Kingdom)
- 
- F188 Reconstruction of chronic distal biceps ruptures with use of a local soft tissue graft  
Authors: Villanueva-Lopez, Fernando / Intzirtzis, Panayotis / Thoma, Sosia / Psychoyios, Vassilis  
Speaker: Villanueva-Lopez, Fernando (Spain)
- 
- F189 Surgical treatment of distal biceps tendon ruptures. A randomized prospective study comparing two different techniques  
Authors: Delgado, Pedro / Fuentes, Adela / Sanz, Luis / Silberberg, Jose / Garcia-Lopez, Jose / Abad, Jose / Garcia De Lucas, Fernando  
Speaker: Delgado, Pedro (Spain)
- 
- F190 Primary surgical reconstruction of joint stabilizers versus hinged external fixator augmentation in the treatment of acute elbow instability – a biomechanical study  
Authors: Dargel, Jens / Despang, Christoph / Eysel, Peer / Koebe, Jürgen / Michael, Joern / Pennig, Dietmar  
Speaker: Dargel, Jens (Germany)
- 
- F191 How to improve cement pressurisation in the distal humerus during elbow replacement? A cadaveric study on a novel technique.  
Authors: Amirfeyz, Rouin / Hughes, Andrew / Clark, Damian / Blewitt, Neil  
Speaker: Hughes, Andrew (United Kingdom)
- 
- F192 Ulnar neuropathy in the elbow epicondylectomy – epineurotomy. Our experience on 140 cases  
Authors: Efstathopoulos, Dimitris / Aretaiou, Panagiota / Chatzimarkakis, George / Kleanthous, Solonas  
Speaker: Chatzimarkakis, George (Greece)
- 
- F193 Open elbow arthrolysis for post-traumatic elbow stiffness  
Authors: Delgado, Pedro / Fuentes, Adela / Sanz, Luis / Silberberg, Jose / Garcia-Lopez, Jose / Abad, Jose / Garcia De Lucas, Fernando  
Speaker: Delgado, Pedro (Spain)
- 
- F194 The effect of haematoma aspiration on intraarticular pressure and pain relief following Mason I radial head fractures  
Authors: Ditsios, Konstantinos / Stavridis, Stavros / Givissis, Panagiotis / Mpoutsiadis, Achilleas / Savvidis, Panagiotis / Christodoulou, Anastasios  
Speaker: Stavridis, Stavros (Greece)



12:00 – 13:30

**General Orthopaedic/complications/basic science/technology**

(simultaneous translation English-Spanish)

**PLENARY SESSION**    **ARTHROPLASTIES IN EUROPE: QUALITY ASSURANCE AND RESISTRIES**    **MAIN AUDITORIUM**  
Organiser: Böhler, Nikolaus (Austria)

Value of outcome published in literature  
Speaker: Labek, Gerold (Austria)

Lessons learnt from the Scandinavian experience and outlook (NARA)  
Speaker: Garrellick, Göran (Sweden)

Impact of the Australian National Joint Replacement Registry on arthroplasty outcomes  
Speaker: Graves, Stephen (Australia)

Register development in a large country with a decentral health system  
Speaker: Garcia-Cimbrello, Eduardo (Spain)

Introduction: The quality aspects of different registers  
Speaker: Böhler, Nikolaus (Austria)

**General Orthopaedic/complications/basic science/technology**

**FREE PAPER**    **GENERAL ORTHOPAEDICS AND OSTEOPOROSIS (3 MINUTES FREE PAPER)**  
Moderators: Guryel, Enis (UK) / Llusá Pérez, Manuel (Spain)

ROOM: N104

- F57    Clinical presentation and management of male osteoporosis in the Outpatients Clinic.  
Authors: Zidrou, Christiana / Neophytou, Demos / Kyriakidis, Theophylactos / Alvanos, Demetrios / Kyriakidis, Anastasios  
Speaker: Neophytou, Demos (Greece)
- F58    Osteoporosis in young females  
Authors: Molloy, Alan / Williams, Fionn / Koo, Sophie / Browne, Joe / Walsh, Bernard / Hogan, Niall  
Speaker: Molloy, Alan (Ireland)
- F59    Definition of a new risk scoring system for osteoporotic vertebral fractures: study on a population of 475 patients  
Authors: Pola, Enrico / Proietti, Luca / Nasto, Luigi / Colangelo, Debora / De Martino, Ivan / Logroscino, Carlo  
Speaker: Pola, Enrico (Italy)
- F60    Complex personalized approach to osteoporotic vertebral fractures  
Authors: Glinkowski, Wojciech / Sitnik, Robert / Wojciechowski, Artur / Witkowski, Marcin / Glinkowska, Bozena / Golebiowski, Marek / Gorecki, Andrzej  
Speaker: Glinkowski, Wojciech (Poland)
- F61    Pseudarthrosis following osteoporotic vertebral compression fracture  
Authors: Malhotra, Rajesh / Kancherla, Ramprasad / Kumar, Vijay / Jayaswal, Arvind  
Speaker: Malhotra, Rajesh (India)
- F62    Transplantation of elastic cartilage derived chondrocytes in site of previously evacuated nucleus pulposus  
Authors: Gorenek, Matevz / Gorenek, Bogomir / Vengust, Rok / Kosak, Robert / Travnik, Ludvik / Tovsak, Zala / Kregar- Velikonja, Nevenka / Cör, Andrej / Pavlovic, Vinko  
Speaker: Gorenek, Matevz (Slovenia)
- F63    Patient satisfaction after joint replacement  
Authors: Wylde, Vikki / Learmonth, Ian / Blom, Ashley  
Speaker: Wylde, Vikki (United Kingdom)
- F64    Influence of level of independence and mobility on consequent care and mortality in patients after treatment of proximal femoral fractures  
Authors: Vaculik, Jan / Malkus, Tomas / Majernicek, Marek / Podskubka, Ales / Dungal, Pavel  
Speaker: Vaculik, Jan (Czech Republic)
- F65    Analyzing the influence of degradable implants on bone healing with  $\mu$ -Computertomography ( $\mu$ -CT) and a validated bending stiffness device  
Authors: Lerch, Matthias / Angrisani, Nina / Besdo, Silke / Meyer-Lindenberg, Andrea / Windhagen, Henning / Thorey, Fritz  
Speaker: Lerch, Matthias (Germany)
- F66    Changes in s-YKL-40, s-IL-6 and circulating mesenchymal progenitor cells in patients during bone regeneration  
Author: Gottlieb, Hans / Johansen, Julia / Olsen, Bo / Lausten, Gunnar / Johnsen, Hans / Kastруп, Jens  
Speaker: Gottlieb, Hans (Denmark)

12:00 - 13:30

F67	<p>Cartilage Abnormalities Associated with Chondrocytic Primary Cilia Defects            Author: Morcuende, Jose / Kaushik, Anjan / Martin, James / Zhang, Qin / Sheffield, Val            Speaker: Morcuende, Jose (United States)</p>
F68	<p>Improved chondrogenic differentiation of human mesenchymal stem cells in a new collagen-chondroitinsulphat matrix            Author: Hoberg, Maik / Hepperle, Thomas / Ertmer, Thomas / Aicher, Wilhelm / Rudert, Maximilian            Speaker: Hoberg, Maik (Germany)</p>
F69	<p>Plasma Vascular Endothelial Growth Factor Alterations in Osteoporotic and Normal Subject            Author: Aksahin, Ertugrul / Cebi, Hakan / Yuksel, Halil / Muratli, Hasan / Celebi, Levent / Aktekin, Cem / Bicimoglu, Ali            Speaker: Aksahin, Ertugrul (Turkey)</p>
F70	<p>The postoperative course of the serum levels of Osteoprotegerin, Receptor Activator for Nuclear Factor-<math>\{\kappa\}</math> B Ligand (RANKL), Osteocalcin and Bone-specific Alkaline Phosphatase (b-ALP) following Total Hip and Knee Arthroplasty. A prospective observational, one-year follow-up study.            Author: Kenanidis, Eustathios / Potoupnis, Michael / Papavasiliou, Kyriakos / Pellios, Stauros / Sayegh, Fares / Petsatodis, George / Karatzas, Nikolaos / Kapetanos, George            Speaker: Kenanidis, Eustathios (Greece)</p>
F71	<p>Influence of BMI on femoral osteolysis 5-10 years after total hip arthroplasty            Author: Lübbecke, Anne / Garavaglia, Guido / Barea, Christophe / Roussos, Constantinos / Stern, Richard / Hoffmeyer, Pierre            Speaker: Lübbecke, Anne (Switzerland)</p>
F72	<p>The effect of surgical approach in narrowing of the femoral neck in uncemented hip resurfacing arthroplasty: Ganz versus the posterior approach            Author: Uppal, Harpal / Chahal, Gurdip / Foguet, Pedro / Prakash, Udai / Makrides, Panayiotis            Speaker: Uppal, Harpal (United Kingdom)</p>
F73	<p>Acetabular cup positioning using imageless navigation            Author: Hohmann, Erik / Tetsworth, Kevin            Speaker: Hohmann, Erik (Australia)</p>
F74	<p>Hip resurfacing: learned lessons after the first consecutive 486 cases with 6 years follow up.            Author: Ribas, Manuel / Ledesma, Rubén / Cárdenas, Carlomagno / Monegal, Alex / Belloti, Vittorio / Marin-Peña, Oliver / Vilarrubias, José / Cáceres, Enrique            Speaker: Ribas, Manuel (Spain)</p>

13:30 - 15:00

SATELLITE SYMPOSIUM

Boehringer Ingelheim



FROM PROOF TO PRACTICE: INNOVATIONS IN TOTAL HIP REPLACEMENT AND TOTAL KNEE REPLACEMENT

ROOM: N103

Chair: Perka, Carsten (Germany)

The proof for new oral anticoagulants: Clinical trial evidence  
 Speaker: Huisman, Menno (Netherlands)

Challenges in day-to-day management: Learning from the practice  
 Speaker: Delgado-Martinez, Alberto (Spain)

New trends in operative treatment and changes in perioperative management  
 Speaker: Zanasi, Stefano (Italy)

Chairman's close  
 Speaker: Perka, Carsten (Germany)

13:30 - 15:00

SATELLITE SYMPOSIUM

**Bristol-Myers Squibb and Pfizer Inc.**



**VTE PREVENTION IN MAJOR ORTHOPAEDIC SURGERY: MANAGING THE THREAT OF THROMBOSIS AND THE RISK OF BLEEDING IN CLINICAL PRACTICE**

ROOM: N105-106

**Chair: Frostick, Simon (UK) / Kurth, Andreas (Germany)**

Venous thromboembolism: A lingering threat  
Speaker: Frostick, Simon (UK)

Optimising prophylaxis during the critical thrombosis period  
Speaker: Rosencher, Nadia (France)

Changes in thromboprophylaxis: Looking for improvements  
Speaker: Lassen, Michael (Denmark)

Questions Et answers / Panel discussion  
Speaker: Kurth, Andreas (Germany)

SATELLITE SYMPOSIUM

**Eli Lilly**



**FRAGILITY FRACTURES; ORTHOPAEDIC AND METABOLIC MANAGEMENT**

ROOM: N107-108

**Chair: Marin, Fernando (Spain)**

Bone quality in osteoporotic patient and its implication in fixation principles  
Speaker: Blauth, Michael (Austria)

Is osteoporosis influencing fracture healing proces?  
Speaker: Marsh, David (UK)

Metabolic approach to osteoporosis. Teriparatide mechanism of action and efficacy  
Speaker: Larrainzar, Ricardo (Spain)

SATELLITE SYMPOSIUM

**BIOMET**



**SIGNATURE, PERSONALISED KNEE REPLACEMENT**

ROOM: N113-114

Speaker: Thienpont, Emmanuel (Belgium)

SATELLITE SYMPOSIUM

**Zimmer GmbH**



**RECON INNOVATIONS IN THE NEW DECADE**

ROOM: N115-116

Fitmore® Hip Stem: Stem inspired by anatomy  
Speaker: Nötzli, Hubert (Switzerland)

Knee Revision Solutions  
Speaker: Halder, Andreas (Germany)

Shoulder Systems  
Speaker: Fink, Bernd (Germany)

Wednesday  
2 June

WEDNESDAY  
2 JUNE

13:30 - 15:00

SATELLITE SYMPOSIUM

**KCI Europe**



FROM THEORY TO CLINICAL PRACTICE – A NEW LOOK AT INNOVATIVE NEGATIVE PRESSURE THERAPY IN ORTHOPAEDIC/TRAUMA SURGERY

ROOM: COLON

**Chair: Vaquero, Javier (Spain)**

Application of NPT and instillation therapy in orthopaedic/trauma surgery  
Speaker: Brem, Matthias (Germany)

Instillation therapy in infected orthopaedic implants  
Speaker: Lehner, Burkhard (Germany)

Negative pressure on closed surgical incisions in orthopaedic surgery, what's the value?  
Speaker: Kort, Nanne (Netherlands)

Questions Et Answers

SATELLITE SYMPOSIUM

**Stryker**



AN UPDATE ON BONE GRAFT SUBSTITUTES IN TRAUMA AND ORTHOPAEDIC CARE. UPDATE ON OSIGRAFT AND HYDROSET

ROOM: NEPTUNO

**Chair: Zimmermann, Gerald (Germany)**

When to use what type of Bone Graft Substitute?  
Speaker: Arts, Chris (Netherlands)

Update on Osigraft (eptoterminalfa) in the treatment of non unions  
Speaker: Giannoudis, Peter (UK)

Update on HydroSet (Ca-P cement) in the treatment of defects in trauma and reconstructive surgery  
Speaker: Larsson, Sune (Sweden)

Discussion

13:30 - 15:30

GUEST SESSION

**ESPA**



RECONSTRUCTION OF ACETABULAR FRACTURES: LATE COMPLICATIONS – SURGICAL SOLUTIONS

ROOM: N101-102

**Organiser: Giannoudis, Peter (UK)**

Heterotopic ossification  
Speaker: Kanakaris, Nick (UK)

AVN  
Speaker: Calori, Georgio (Italy)

Malunion – nonunion  
Speaker: Oransky, Michael (Italy)

Salvage procedures for cartilage preservation  
Speaker: Pohlemann, Tim (Germany)

Joint replacement  
Speaker: Giannoudis, Peter (UK)

Case presentations - Discussion

13:30 - 17:30

Hand/wrist/arm/forearm

(pre-registration mandatory)

EXMEX	ADVANCED TREATMENT IN WRIST AND HAND ARTHROSCOPY	ROOM: N111-112
	Organisers: del Piñal, Francisco (Spain) / Font, Jordi (Spain)	
	Introduction Speaker: Font, Jordi (Spain)	
	Arthroscopic wrist ganglia removal: Reality of recurrences Speaker: Levadoux, M. (France)	
	Arthroscopy management of scaphoid fractures Speaker: Mathoulin, Christophe (France)	
	Arthroscopic management of intrinsic ligaments injury Speaker: Lindau, Tommy (UK)	
	Intra articular partial implant by wrist arthroscopy Speaker: Mathoulin, Christophe (France)	
	Classification -Subclassification of TFCC lesions and arthroscopic reconstruction Speaker: Atzei, Andrea (Italy)	
	Wrist arthroscopy in distal radius fractures, interest of dry arthroscopy and treatment of malunion Speaker: del Piñal, Francisco (Spain)	
	Sauve-Kapandji osteotomy by wrist arthroscopy Speaker: Luchetti, Riccardo (Italy)	
	Ulna-carpal abutment: place of wrist arthroscopy and comparative other options Speaker: Haerle, Max (Germany)	
	Arthroscopy wrist arthrolysis Speaker: Luchetti, Riccardo (Italy)	
	Clinical cases Speaker: del Piñal, Francisco (Spain)	

15:00 - 16:00

Sports/knee soft-tissue

FREE PAPER	EXTENSOR MECHANISM AND PATELLO FEMORAL DISORDERS	ROOM: N115-116
	Moderators: Schiavone, Alfredo (Italy)	
F165	Biomechanical evaluation of Bunnell vs. modified Bunnell suture in porcine ex vivo patellar tendons Authors: Vaisman, Alex / Melean, Patricio / Figueroa, David / Figueroa, Francisco / Calvo, Rafael / Villalon, Ignacio Speaker: Vaisman, Alex (Chile)	
F166	Refractory patellar tendinopathy treated with platelet rich plasma injections. A preliminary report of 8 cases Authors: Ruiz-Iban, Miguel / Díaz-Heredia, Jorge / Moros, Santos / Gonzalez Lizan, Fausto / Del Cura, Maria / Del Olmo, Teresa / Aranda Romero, Fernando / Sanchez Ruas, Jaime / Araiza, Enrique Speaker: Díaz-Heredia, Jorge (Spain)	
F167	Surgical Treatment of Patellofemoral Instability in Adolescent Patients with Autologous Gracilis Authors: Simoes, Carlos / Silva, Manuel / Oliveira, Paulo / Pinto, Rui / Neves, Nuno / Tulha, Jose / Rodrigues, Pedro / Ribeiro, Rui / Cabral, Abel Speaker: Simoes, Carlos (Portugal)	
F168	Conservative Versus Surgical Treatment for Repair of the Medial Patellofemoral Ligament in Acute Dislocations of the Patella Authors: Camanho, Gilberto / Demange, Marco / Bitar, Alexandre / Viegas, Alexandre / Hernandez, Arnaldo Speaker: Demange, Marco (Brazil)	
F170	Femoro-patellar prosthesis for isolated patello-femoral arthritis : study of 60 consecutive cases with 10 years follow-up Authors: Mertl, Patrice / Clavier, Barthelemy / Lardanchet, Jean Francois / Havet, Eric / Gabrion, Antoine Speaker: Mertl, Patrice (France)	

15:00 - 16:30

General Orthopaedic/complications/basic science/technology

SYMPOSIUM EFORT & UEMS - TRAINING AND MANPOWER IN EUROPE. IS THERE A NEED FOR HARMONISATION? ROOM: N107-108

Organiser: Albert, John (UK)

Manpower in european trauma and orthopaedics; who is doing the work?

Speaker: Finlayson, David (UK)

Training in orthopaedics; commonality and differences, Europe and beyond

Speaker: Cordero-Ampuero, José (Spain)

Training the trainers; education for specialists

Speaker: Tein, Toomas (Estonia)

The training experience; aspirations and reality

Speaker: Guryel, Enis (UK)

Professional migration; the orthopaedic brain drain

Speaker: Radulescu, Radu (Romania)

Paediatrics

CCD

THE ELBOW FRACTURE

ROOM: COLON

Organisers: Cassiano Neves, Manuel (Portugal) / Lascombes, Pierre (France)

Case presentations with focus on diagnosis - fracture classifications, complications and treatment guidelines

Speaker: Lascombes, Pierre (France)

Case presentations with focus on diagnosis - fracture classifications, complications and treatment guidelines

Speaker: Cassiano Neves, Manuel (Portugal)

Hip

FREE PAPER

THR IN YOUNG PATIENTS REGISTRIES

MAIN AUDITORIUM

Moderators: Kjaersgaard-Andersen, Per (Denmark) / Resines, Carlos (Spain)

F1

Total hip replacement in patients with femoral dysplasia using straight conical wagner-type stems

Authors: Giannakos, Rene / Bargiotas, Konstantinos / Papatheodorou, Loukia / Karamanis, Nikolaos / Varitimidis, Socratis / Karachalios, Theofilos / Malizos, Konstantinos

Speaker: Giannakos, Rene (Greece)

F2

Cementless Total Hip Arthroplasty with Transverse Subtrochanteric Shortening Osteotomy in Developmental High Dislocated Hips and minimum 4 years follow up.

Authors: Guclu, Berk / Kaya, Alper / Akan, Burak / Benli, Teoman / Cetin, Ilker

Speaker: Guclu, Berk (Turkey)

F3

Shortening Subtrochanteric Osteotomy for angular and torsional deviation in CDH prosthetic surgery. Up to 20 years of follow-up.

Authors: Grappiolo, Guido / Astore, Franco / Caldarella, Emanuele / Ricci, Damiano

Speaker: Grappiolo, Guido (Italy)

F4

Effects of Contralateral Hip and Lumbar Lordosis on Pelvic Tilt after THA for Dysplastic Hip

Authors: Okamoto, Yusaku / Ohashi, Hirotsugu / Inori, Fumiaki / Okajima, Yoshiaki / Fukunaga, Kenji / Tashima, Hideyuki / Matsuura, Masanori

Speaker: Okamoto, Yusaku (Japan)

F5

Predicting the Presence of Zone 1 Radiolucency in the Early Post Operative Period Following Cemented Total Hip Replacement

Authors: Whitehouse, Michael / Atwal, Navraj / Blom, Ashley / Bannister, Gordon

Speaker: Whitehouse, Michael (United Kingdom)

F6



The prognosis of total hip arthroplasty (THA) in patients younger than 50 years of age. Results of 14,610 primary THA

Authors: Overgaard, Soren / Petersen, Alma / Havelin, Leif / Furnes, Ove / Herberts, Peter / Kärrholm, Johan / Garellick, Goran

Speaker: Overgaard, Soren (Denmark)

F7

Long term results of 4,032 primary total hip replacements for primary osteoarthritis in younger patients from the Finnish arthroplasty register

Authors: Mäkelä, Keijo / Eskelinen, Antti / Pulkkinen, Pekka / Paavolainen, Pekka / Remes, Ville

Speaker: Mäkelä, Keijo (Finland)

Selected within the best Free Papers



15:00 – 16:30

- F8 An Analysis of Cup Positioning in Total Hip Arthroplasty: Quality Improvement by Use of a Local Joint Registry  
Authors: Malchau, Henrik / Callanan, Mark / Bragdon, Charles / Zurakowski, David / Jarrett, Bryan / Rubash, Harry  
Speaker: Malchau, Henrik (United States)
- F9 The use of tmt acetabular component in high congenital hip dislocation  
Authors: Macheras, George / Koutsostathis, Stefanos / Papadakis, Stamatios / Tsakotos, George / Glanakos, Spyros  
Speaker: Macheras, George (Greece)

**Knee osseous**

**FREE PAPER CAS IN KNEE ARTHROPLASTIES**

**ROOM: N103**

Moderators: Jenny, Jean-Yves (France) / Hernández-Vaquero, Daniel (Spain)

- F26 A radiological and navigated study of the anatomical and mechanical femur axes in the lateral plane.  
Author: Jenny, Jean-Yves  
Speaker: Jenny, Jean-Yves (France)
- F27 Measurement of the mechanical axis of the leg via CT in total knee arthroplasty. A comparative study between four techniques: standard, MIS, standard-CAS, and MIS-CAS.  
Authors: Noriega-Fernandez, Alfonso / Hernandez-Vaquero, Daniel / Suarez-Vazquez, Abelardo / Sandoval-Garcia, Ma / Perez-Coto, I.  
Speaker: Noriega-Fernandez, Alfonso (Spain)
- F28 Positioning of Computer-assisted (CAS) total knee arthroplasty (TKA) during the learning curve. Comparison of limb and component alignment versus CAS performed by an expert and a conventional TKA group. A prospective randomized trial.  
Authors: Esteve, Carles / Oliveras, Jaume / Jordà, Gerard / Gómez, Carles / Gordillo, Ainhoa / Vidal, Antoni / Giné, Josep  
Speaker: Esteve, Carles (Spain)
- F29 Computer navigation versus conventional total knee replacement: A prospective, randomised control trial showing no difference in functional results at five years.  
Authors: Beaver, Richard / Sloan, Karen / Harvie, Paul  
Speaker: Beaver, Richard (Australia)
- F30 Intraoperative assessment of knee kinematics using navigation  
Authors: Massin, Philippe / Hajage, David / Boyer, Patrick / Kilian, Pascal / Tubach, Florence  
Speaker: Massin, Philippe (France)
- F31 Navigated revision total knee replacement. A comparison study with conventional revision.  
Author: Jenny, Jean-Yves  
Speaker: Jenny, Jean-Yves (France)

**General Orthopaedic/complications/basic science/technology**

**FREE PAPER BIOMECHANICS**

**ROOM: N104**

Moderators: Morlock, Michael (Germany) / Forriol, Francisco (Spain)

- F75 Dynamic locking screw (DLS) –Biomechanical testing of a new screw system  
Authors: Doebele, Stefan / Horn, Casten / Eichhorn, Stefan / Lucke, Martin / Koch, Rudolf / Stöckle, Ulrich  
Speaker: Doebele, Stefan (Germany)
- F76 Biomechanic comparative study of two systems of fixation in hip fracture.  
Authors: Martin, Victor / Sanchez, Joaquin / Castaño, Mario / Viñas, Antonio / González-Orús, Alfonso / De Pedro, José / Dominguez, Javier  
Speaker: Martin, Victor (Spain)
- F77 A Biomechanical Analysis of Lag Screw Position in the Femoral Head for Cephalomedullary Nails used to fix Unstable Peritrochanteric Fractures  
Authors: Kuzyk, Paul / Zdero, Radovan / Shah, Suraj / Olsen, Michael / Higgins, Gordon / Waddell, James / Schemitsch, Emil  
Speaker: Kuzyk, Paul (Canada)
- F78 Computerized navigation for the fixation of femoral neck fractures by cannulated screws on the basis of zero-dose C-arm navigation. A sawbone and cadaver study  
Authors: Mueller, Marcus / Belei, Peter / Strake, Melanie / Kabir, Koroush / Radermacher, Klaus / Wirtz, Dieter  
Speaker: Mueller, Marcus (Germany)
- F79 Wire selection has an effect on primary stability of revision hip stems  
Authors: Jakobowitz, Eike / Kinkel, Stefan / Nadorf, Jan / Kretzer, Jan / Heisel, Christian / Thomsen, Marc  
Speaker: Jakobowitz, Eike (Germany)

15:00 - 16:30

F80	In-vivo monitoring of forces in the loaded rabbit tibia via telemetry as a tool for enhanced implant construction Authors: Rittershaus, Dina / Gottschalk, Daniel / Reifenrath, Janin / Aljuneidi, Wasim / Flörkemeier, Thilo / Besdo, Silke / Meyer-Lindenberg, Andrea Speaker: Rittershaus, Dina (Germany)
F81	Plate fixation of mid-shaft clavicle fractures: A biomechanical comparison of unicortical, bicortical, locking and nonlocking options Authors: Khan, L. / Wallace, Robert / Robinson, C. / Simpson, A. Speaker: Khan, L. (United Kingdom)
F82	Usefulness of measurement of lower limb parameters by three-dimension reconstruction system EOS®. Authors: Guenoun, Benjamin / Zadegan, Frédéric / Aim, Florence / Hannouche, Didier / Nizard, Rémy Speaker: Guenoun, Benjamin (France)
F83	Biomechanical influence of ligaments on the torque transmission of normal physiologic motions at the craniovertebral junction Authors: Gang, Feng / Wendlandt, Robert / Spuck, Sebastian / Schulz, Arndt / Juergens, Christian Speaker: Wendlandt, Robert (Germany)

### Trauma / polytrauma

#### FREE PAPER FRACTURES AROUND THE KNEE

ROOM: N105-106

Moderators: Sur, Hakki (Turkey) / Guerado, Enrique (Spain)

F102	Comparison of tension band- and interfragmentary screw fixation with a new implant in transverse patella fractures – a biomechanical investigation Authors: Gick, Sascha / Dargel, Jens / Wissussek, Boris / Koebke, Juergen / Pennig, Dietmar Speaker: Gick, Sascha (Germany)
F103	Clinical & Radiological Outcomes of Distal Femoral Fractures Stabilised With Less Invasive Stabilisation System (LISS). Authors: Dheerendra, Sujay / Hachem, Mohamad / Dimascio, Livio / Hopgood, Philip Speaker: Dheerendra, Sujay (United Kingdom)
F104	Retrograde intramedullary nailing versus LISS plating for distal femur fractures Authors: Von Rüden, Christian / Pötzel, Tobias / Bühren, Volker / Woltmann, Alexander / Hierholzer, Christian Speaker: Von Rüden, Christian (Germany)
F105	A prospective randomised trial to compare the Less Invasive Skeletal Stabilization system (LISS) with a minimally invasive Dynamic Condylar Screw (DCS) for distal femoral fracture Authors: Preiss, Richard / Hawsawi, Abdullah / Leighton, Ross / Trask, Kelly Speaker: Preiss, Richard (United Kingdom)
F106	Long term outcome of fresh osteochondral grafts for tibial plateau fractures Authors: Shepherd, Andrew / Lincoln, Max / Safir, Oleg / Backstein, David / Gross, Allan Speaker: Shepherd, Andrew (United Kingdom)
F107	Percutaneous Screw Fixation of Unicondylar Tibial Plateau Fractures. Authors: Allam, Ahmad / Elbigawy, Hosam Speaker: Allam, Ahmad (Egypt)
F108	Tibial plateau fractures classification: x-ray films vs ct scan with 3 dimensional reconstruction Authors: Arealis, George / Koukos, Anastasios / Papadopoulos, Anestis / Gregoriadis, George / Eftihiakos, Nikolaos / Saloupis, Panagiotis / Oikonomides, Stergios / Xidakis, Stelios / Zambros, Alexandros Speaker: Arealis, George (Greece)
F109	Two-Dimensional and Three-Dimensional Computed Tomography for the Classification and Characterization of Tibial Plateau Fractures Authors: Doornberg, Job / Rademakers, Maarten / Van Den Bekerom, Michel / Kerkhoffs, Gino / Ahn, Jaimo / Steller, Ernst / Kloen, Peter Speaker: Doornberg, Job (Netherlands)
F110	Early results of tibial plafond fractures treated by modern plating techniques Authors: Encinas-Ullán, Carlos / Fernández-Fernández, Ricardo / Peleteiro, Manuel / Gil-Garay, Enrique Speaker: Encinas-Ullán, Carlos (Spain)

15:00 – 16:30

Foot/ankle/leg

FREE PAPER ANKLE TRAUMA

ROOM: NEPTUNO

Moderators: Badekas, Thanos (Greece) / Luna, Felipe (Spain)

- F204 Achilles tendon rupture: open versus percutaneous technique – comparative study of 81 cases  
Authors: Fernandes, Sofia / Barbosa, Augusto / Ferreira, José / Cerqueira, Rui / Ferrero, Ramon / Basto, Filipe / Caetano, Vitor / Loureiro, Manuel / Lourenco, João  
Speaker: Fernandes, Sofia (Portugal)
- F205 Outcome of distal tibial metaphyseal/pilon fractures treated with the ALPS polyaxial locked plating system.  
Authors: Tan, Hiang / Kanakaris, Nikolaos / Harris, Nick / Giannoudis, Peter  
Speaker: Tan, Hiang (United Kingdom)
- F206 The management of the metaphyseal bone loss in the high energy tibial pilon fractures treated with hybrid fixation.  
Authors: Katsenis, Dimitris / Kouris, Antonis / Stathopoulos, A / Drakoulakis, Manolis / Schoinochoritis, Nikos / Pogiatzis, Kostas  
Speaker: Katsenis, Dimitris (Greece)
- F207 Injuries of ankle ligaments and accompanying structures: New clinical and arthroscopic classification for assessment and therapy  
Authors: Buchhorn, Tomas / Ziai, Pejman  
Speaker: Buchhorn, Tomas (Germany)
- F208 Ankle fractures: Impact of swelling on timing of surgery, length of hospital stay and the economic burden  
Authors: Sukeik, Mohamed / Qaffaf, Mohamed / Ferrier, Gail  
Speaker: Qaffaf, Mohamed (United Kingdom)
- F209 Do undisplaced stable ankle fractures ever displace – are we subjecting our patients to unnecessary radiation and follow-up appointments? Southport and Ormskirk hospital NHS trust, England  
Authors: Selvaratnam, Veenesh / Shetty, Vishwanath / Manickavasagar, Tharjan / Sahni, Vishal  
Speaker: Selvaratnam, Veenesh (United Kingdom)
- F210 Ankle diastasis audit  
Authors: Grice, John / Briant-Evans, Toby / Dala-Ali, Benan / Hodgkinson, Simon / Jowett, Andrew  
Speaker: Grice, John (United Kingdom)
- F211 Reflection of economics and timing of operative management of ankle fractures  
Authors: Paringe, Vishal / Khurana, Ashish / Mohanty, Kitish  
Speaker: Paringe, Vishal (United Kingdom)
- F212 Functional and radiological outcome 10 to 20 years after ankle ORIF  
Authors: Salvo, Davide / Holzer, Nicolas / Lübbecke, Anne / Hoffmeyer, Pierre / Assal, Mathieu  
Speaker: Salvo, Davide (Switzerland)

15:00 – 17:00

General Orthopaedic/complications/basic science/technology

SYMPOSIUM HAITI: DISASTER RELIEF WORKERS AND THEIR EXPERIENCE

ROOM: N109-110

Organiser: Hoffmeyer, Pierre (Switzerland)

The president of the Haiti Orthopaedic Society informs about the situation in Haiti  
Speaker: Larsen, Hans (Haiti)

2010 Haiti Earthquake – Experiences between Birth and Death  
Speaker: Kienast, Benjamin (Germany)

An orthopaedic surgeon's experience in Haiti  
Speaker: Assal, Matthieu (Switzerland)

Earthquake in Haiti  
Speaker: Valle Cruz, Jose Antonio (Spain)

Emergency surgical and medical aid after Haiti earthquake  
Speaker: Gamulin, Axel (Switzerland)

Discussion

15:00 - 18:30

GUEST SESSION

**ISLASS**



**MINIMALLY INVASIVE SPINAL SURGERY PROCEDURES**

ROOM: N113-114

**Organisers:** Bini, Walter (Germany) / Canero, Gianfranco (Italy) / Gauci, Charles (UK) / Haberland, Nils (Germany) / Hellinger, Stephen (Germany) / Menchetti, Pier Paolo Maria (Italy)

Percutaneous laser discectomy in lumbar disc herniation. State of the art  
Speaker: Canero, Gianfranco (Italy)

The semiendoscopic discectomy with the combination procedure "Disc FX" - experiences and outcome after 2 years  
Speaker: Hellinger, Stephen (Germany)

Disc FX with autologous disc cell transplantation  
Speaker: Hellinger, Stephen (Germany)

Evolving endoscopic lumbar surgery for treatment of herniated discs and spinal stenosis with GPS  
Speaker: Chiu, John (USA)

The role of RF in cervical pain  
Speaker: Gauci, Charles (UK)

The role of RF in lumbar pain  
Speaker: Gauci, Charles (UK)

Intraoperative 3D imaging for spinal navigation - CT or 3D C-arm?  
Speaker: Haberland, Nils (Germany)

Percutaneous lumbar arthrodesis versus open. Indications and results  
Speaker: Zanasi, Stefano (Italy)

PercuDyn™: Percutaneous dynamic stabilization system in lumbar spine. Indications and results  
Speaker: Menchetti, Pier Paolo Maria (Italy)

Fully percutaneous dynamic stabilization with "Dynabolt" and endoscopic assistance  
Speaker: Hellinger, Stephen (Germany)

CD® Horizon Sextant™ - percutaneous lumbar fixation system in degenerative disc disease  
Speaker: Menchetti, Pier Paolo Maria (Italy)

Interspinous spacers. Indication and results  
Speaker: Canero, Gianfranco (Italy)

Percutaneously interspinous spacer vs open surgery in degenerative lumbar spinal stenosis  
Speaker: Menchetti, Pier Paolo Maria (Italy)

Spondyloplasty: A new percutaneous method - technique. Indications and results  
Speaker: Haberland, Nils (Germany)

15:30 - 16:30

GUEST SESSION

**EHS**



**THE PAINFUL ARTHROPLASTY**

ROOM: N101-102

**Organiser:** Krismer, Martin (Austria)

Retrieved painful hip resurfacing arthroplasty - Hypersensitivity reaction  
Speaker: Zustin, Josef (Germany)

Impingement of psoas tendon  
Speaker: Di Lorenzo, Luigi (Italy)

Greater trochanter pain syndrome  
Speaker: Sayed-Noor, Arkan S. (Sweden)

Algorithm for patient assessment  
Speaker: Krismer, Martin (Austria)

17:00 – 18:30

GUEST SESSION

EHS



LESSONS LEARNT FROM LONG-TERM TOTAL HIP ARTHROPLASTY STUDIES

ROOM: N101-102

**Organiser: Macheras, George (Greece)**

The all cement concept - outcomes and complications  
Speaker: Karachalios, Theofilos (Greece)

The all cementless concept - outcomes and complications  
Speaker: Overgaard, Soren (Denmark)

The HA coated implant concept - outcomes and complications  
Speaker: Vidalain, Jean Pierre (France)

The hybrid and reverse hybrid concept  
Speaker: Learmonth, Ian (UK)

Evidence from the Swedish registry  
Speaker: Kärrholm, Johan (Sweden)

Evidence from the Norwegian registry  
Speaker: Havelin, Leif Ivar (Norway)

16:00 – 17:00

Sports/knee soft-tissue

FREE PAPER MISCELLANEOUS

ROOM: N115-116

**Moderators: Tokgozoglul, Mazhar (Turkey) / Cugat, Ramón (Spain)**

F171 Side differences in human knee joints – an anatomical study  
Authors: Wissussek, Boris / Feiser, Janna / Gick, Sascha / Pennig, Dietmar / Koebeke, Juergen / Dargel, Jens  
Speaker: Wissussek, Boris (Germany)

F172 Reliability of Image-Free Navigated Monitoring of the Mechanical Leg Axis  
Authors: Kendoff, Daniel / Goleski, Patrick / Citak, Mustafa / Koulalis, Dimitious / Pearle, Andrew  
Speaker: Kendoff, Daniel (Germany)

F173 Plantar support pressures analysis in patients with anterior cruciate ligament rupture  
Authors: Moya-Angeler, Joaquin / Martinez De Albornoz, Pilar / Arroyo, Julia / Lopez, Gloria / Forriol, Francisco  
Speaker: Moya-Angeler, Joaquin (Spain)

F174 The effectiveness of supplementing a standard rehabilitation program with super-imposed neuromuscular electrical stimulation, following anterior cruciate ligament reconstruction  
Authors: Paessler, Hans / Feil, Sven  
Speaker: Paessler, Hans (Germany)

F175 The Effects of Resistance Training and Neuromuscular Electrical Stimulation in Knee Osteoarthritis – a randomized control trial  
Authors: Bruce-Brand, Robert / Moyna, Niall / O'Byrne, John  
Speaker: Bruce-Brand, Robert (Ireland)

F176 The effect of ankle taping on ankle and knee joint biomechanics in sporting tasks  
Authors: Stoffel, Karl / Nicholls, Rochelle / Lloyd, David  
Speaker: Stoffel, Karl (Switzerland)

17:00 - 18:30

Paediatrics

SYMPOSIUM THE IMMATURE ATHLETE'S KNEE

ROOM: N107-108

Organisers: Lascombes, Pierre (France) / Wientroub, Schlomo (Israel)

Tibial eminence fractures - "What to do and when"

Speaker: Lascombes, Pierre (France)

Adolescent anterior knee pain: Evaluation & management

Speaker: Moshe, Yaniv (Israel)

Osteochondritis dissecans of the knee

Speaker: Hefti, Fritz (Switzerland)

Acute and chronic patellar instability

Speaker: Schoettle, Philip (Germany)

ACL injury: Epidemiology, prevention and treatment guidelines

Speaker: Chotel, Franck (France)

Foot/ankle/leg

CCD

DIABETIC FOOT

ROOM: COLON

Organiser: Delmi, Marino (Switzerland)

Introduction

Speaker: Delmi, Marino (Switzerland)

Vascular problems in diabetics: Amputation or not?

Speaker: Robinson, Andrew Fred (UK)

Fractures in diabetics: Operate or not?

Speaker: Badekas, Thanos (Greece)

Charcot foot: What to do?

Speaker: Assal, Mathieu (Switzerland)

Hip

FREE PAPER HIP COMPLICATIONS

MAIN AUDITORIUM

Moderators: Günther, Klaus-Peter (Germany) / Coscujuela, Antoni (Spain)

F10 Significant blood loss during the first 24hr after hip fracture

Authors: Mangat, Navjeet / Al-Maiyah, Mohammed / Scott, Stephen / Jennings, Andrew

Speaker: Mangat, Navjeet (United Kingdom)

F11 Tranexamic acid in total hip replacements: a meta-analysis

Authors: Sukeik, Mohamed / Alshryda, Sattar / Lou, Thai / Haddad, Fares

Speaker: Sukeik, Mohamed (United Kingdom)

F12 The effect of hospital volume on length of stay, re-admissions and complications of total hip arthroplasty - a population-based registry analysis of 81 hospitals and 28,218 replacements

Authors: Mäkelä, Keijo / Häkkinen, Unto / Peltola, Mikko / Linna, Miika / Kröger, Heikki / Remes, Ville

Speaker: Mäkelä, Keijo (Finland)

F13 Uncemented hip replacements have significant economic benefits over cemented hips

Authors: Price, Mark / Wainwright, Tom / Middleton, Robert

Speaker: Price, Mark (United Kingdom)

F14 Timing of symptomatic venous thromboembolism and bleeding events after total hip arthroplasty: A pooled analysis of rivaroxaban studies

Authors: Fisher, William / Gent, Michael / Lassen, Michael / Kakkar, Ajay / Eriksson, Bengt / Berkowitz, Scott / Turpie, Alexander

Speaker: Fisher, William (Canada)

F15 Limb Length Discrepancy in Cemented versus Cementless Total Hip Arthroplasty

Authors: Malhotra, Karan / Kim, Winston

Speaker: Malhotra, Karan (United Kingdom)

17:00 – 18:30

- F16 Patient Perception of the Effectiveness of Shoe Raises in the Management of Symptomatic Leg Length Discrepancy following Total Hip Replacement  
Authors: Akinola, Bolarinwa / Wynn Jones, Henry / Harrison, Timothy / Tucker, Keith  
Speaker: Akinola, Bolarinwa (United Kingdom)
- 
- F17 Risk for revision among total hip arthroplasty patients with diabetes mellitus in Denmark  
Authors: Pedersen, Alma / Mehnert, Frank / Johnsen, Soren / Sorensen, Henrik  
Speaker: Pedersen, Alma (Denmark) Selected within the best Free Papers
- 
- F18 Vitamin d deficiency in patients with osteoarthritis undergoing total hip arthroplasty a cause for concern?  
Authors: Nawabi, Danyal / Chin, Kuen / Keen, Richard / Haddad, Fares  
Speaker: Chin, Kuen (Italy)
- 
- F19 Femoral split fracture after uncemented total hip replacement.  
Authors: Solgaard, Soren / Kjersgaard, Anne Grete  
Speaker: Solgaard, Soren (Denmark)

Knee osseous

FREE PAPER TKA OUTCOME ROOM: N103  
Moderators: Jenny, Jean-Yves (France) / Hernandez-Hermoso, Jose (Spain)

- F32 The Oxford knee scores for primary total knee replacement  
Authors: Blakey, Caroline / Kamat, Yogeesh / Singh, Parminder / Dinneen, Alexander / Vie, Anne / Patel, Vipul / Adhikari, Ajeya / Field, Richard  
Speaker: Dinneen, Alexander (United Kingdom)
- 
- F33 Uncomplicated primary knee arthroplasty – most pre and postoperative factors do not predict the short term outcome  
Authors: Kandel, Leonid / Nimrodi, Alon / Toybenshlak, Michael / Firman, Shimon / Liebergall, Meir / Mattan, Yoav  
Speaker: Kandel, Leonid (Israel)
- 
- F34 Does overweight and obesity influence the clinical outcome at 1 year following primary total knee arthroplasty?  
Authors: Lijensoe, Anette / Laursen, Jens Ole  
Speaker: Lijensoe, Anette (Denmark)
- 
- F35 A comparative study of kneeling ability in normal individuals versus knee arthroplasty patients  
Authors: Hassaballa, Mo / Murray, James / Porteous, Andrew  
Speaker: Hassaballa, Mo (United Kingdom)
- 
- F36 How active are total joint arthroplasty patients? A systematic review and meta-analysis  
Authors: Naal, Florian / Impellizzeri, Franco  
Speaker: Naal, Florian (Switzerland)
- 
- F38 Do patients regain normal gait kinematics and kinetics after Total Knee Arthroplasty (TKA)?  
Authors: Bercovy, Michel / Hasdenteufel, Damien / Delacroix, Sebastien / Zimmerman, Michel  
Speaker: Bercovy, Michel (France)
- 
- F39 Is it possible to have a forgotten knee after Total Knee Arthroplasty (TKA)?  
Authors: Bercovy, Michel / Beldame, Julien / Lefebvre, Benjamin  
Speaker: Bercovy, Michel (France)
- 
- F40 Does gender specific implant improve function and patient satisfaction in total knee arthroplasty?  
Authors: Parratte, Sebastien / Argenson, Jean-Noël / Since, Marc / Bertault-Peres Pierre, Pierre / Pauly, Vanessa / Aubaniac, Jean-Manuel  
Speaker: Argenson, Jean-Noël (France)

General Orthopaedic/complications/basic science/technology

FREE PAPER BONE HEALING ROOM: N104  
Moderators: Finlayson, David (UK) / Meseguer, Luis (Spain)

- F84 Steroids and Platelet Rich Plasma as Coadjuvants to Microfracture for the Treatment of Chondral Lesions: Can the Healing be Enhanced?  
Authors: Vaisman, Alex / Figueroa, David / Melean, Patricio / Calvo, Rafael / Espinoza, Maximiliano / Scheu, Maximiliano  
Speaker: Vaisman, Alex (Chile)
- 
- F85 The Effects of oral pre-operative carbohydrate loading on postoperative hyperglycemia in hip fracture patients: A randomized control clinical study  
Authors: Lui, Darren / Duru, Bartholomew / Jaweesh, Omar / Bandorf, Nadine / Abaas, W. / El Halaby, Rafaat / Koh, Pwei / Ijaz, Amir / Sherif, Shahoub / Khattak, Shafqat / Ahmed, Haitham / Bennett, Derek  
Speaker: Lui, Darren (Ireland)

17:00 - 18:30

F86	Contribution of bone morphogenetic protein-2(BMP-2, INDUCTOS®) to the rapid bone building and fracture repair when used in the treatment of long bone non unions: clinical and radiological results in 44 patients with critical-size bone defects Authors: Van Cauwenberge, Henry / Van Meir, Nathalie / Georis, Pierre / Figiel, Sébastien / Gillet, Philippe Speaker: Van Cauwenberge, Henry (Belgium)
F87	The periosteal flap technique to enhance the junction site healing of the structural bone transplantations Authors: Tuncay, Ismail / Kaya, Alper / Demirörs, Huseyin / Akgün, Rahmican / Kaya, Umit / Kuru, İlhami Speaker: Tuncay, Ismail (Turkey)
F88	Osseointegration of implants combining bone graft and parathyroid hormone Authors: Daugaard, Henrik / Elmengaard, Brian / Lamberg, Anders / Bechtold, Joan / Søballe, Kjeld Speaker: Daugaard, Henrik (Denmark)
F89	Local antibiotics do not inhibit Bone growth when administered with Growth Factor Authors: Brown, Kate / Li, Bing / Guda, Teja / Guelcher, Scott / Wenke, Joseph Speaker: Brown, Kate (United States)
F90	Effect of low-intensity pulsed ultrasound stimulation on callus remodeling in a gap healing model - Evaluation by bone morphometry using 3-dimensional quantitative micro computed tomography Authors: Tobita, Kenji / Ohnishi, Isao / Matsumoto, Takuya / Ohashi, Satoru / Bessho, Masahiko / Kaneko, Masako / Matsuyama, Juntaro / Nakamura, Kouzou Speaker: Tobita, Kenji (Japan)
F91	Effect of low-intensity pulsed ultrasound stimulation on gap healing in a rabbit osteotomy model evaluated by quantitative micro computed tomography-based 3-dimensional cross-sectional moment and cross-sectional moment of inertia Author: Tobita, Kenji / Ohnishi, Isao / Matsumoto, Takuya / Ohashi, Satoru / Bessho, Masahiko / Kaneko, Masako / Matsuyama, Juntaro / Nakamura, Kouzou Speaker: Tobita, Kenji (Japan)
F92	The Effect of Monobutyrin on Fracture Healing in an Ovariectomised Rodent Model Author: Smitham, Peter / Oliver, Rema / Pelletier, Matthew / Lau, Abe / Okamoto, Koji / Vizesi, Frank / Yu, Yan / Walsh, William Speaker: Smitham, Peter (United Kingdom)

Trauma / polytrauma

**FREE PAPER COMPLEX TIBIAL FRACTURES** **ROOM: N105-106**  
Moderators: Trampuz, Andrej (Switzerland) / Jolin, Tomás (Spain)

F111	High energy tibial fractures managed by External Fixators Authors: Sharief, Zaid / Sharif, Khalid / Ali, Ahmed / Abdunabi, Murad Speaker: Sharief, Zaid (United Kingdom)
F112	External Fixation in Open Tibial Fractures Authors: Varsalona, Roberto / Sirugo, Fabio / Denaro, Corrado / Colantonio, Fabio / Partexano, Giuseppe / Trapani, Sebastiano / Vittoria, Mario Speaker: Varsalona, Roberto (Italy)
F113	Open gustilo type III tibial shaft fractures treated by external fixation method Authors: Milenkovic, Sasa / Mitkovic, Milorad / Vidic, Goran Speaker: Milenkovic, Sasa (Serbia and Montenegro)
F114	The use of Circular External Fixators for Fracture Stabilisation and Management of Fracture Non-Union. A Review of 15 Years Experience Authors: O'Neill, Barry / Moore, David Speaker: O'Neill, Barry (Ireland)
F115	Pulsed Low Intensity Ultrasound vs Sham in Delayed Union Tibia Fracture: Double-Blind Randomized Controlled Trial Authors: Schofer, Markus / Block, Jon / Schmelz, Andreas Speaker: Schofer, Markus (Germany)
F116	A new 2 stage procedure for severe bone tibial defect using intramedullary nailing Authors: Apard, Thomas / Bigorre, Nicolas / Cronier, Patrick / Steiger, Vincent / Talha, Hafid / Massin, Philippe / Bizot, Pascal Speaker: Apard, Thomas (France)

17:00 – 18:30

- F117 Effect of intramedullary nails in tibial shaft fractures as a factor of raised intracompartmental pressures. A clinical study  
Authors: Torrero, Ignacio / Aroles, Francesc  
Speaker: Torrero, Ignacio (Andorra)
- F118 Intracompartmental Pressure Changes During Anterolateral Percutaneous Bridge Plating Of Tibial Shaft Fractures  
Authors: Daglar, Bulent / Bayrakci, Kenan / Delialioğlu, Onder / Tezel, Kerem / Gunel, Ugur  
Speaker: Daglar, Bulent (Turkey)
- F119 An Alternative Method For The Treatment Of Defected Tibia Pseudoarthrosis Using Circular Fixator  
Authors: Erdem, Mehmet / Sen, Cengiz / Gunes, Taner / Bostan, Bora / Sahin, Seyyid Ahmet / Balta, Orhan  
Speaker: Sen, Cengiz (Turkey)

Bone and joint tumours

FREE PAPER BONE AND JOINT RECONSTRUCTION

ROOM: N115-116

Moderators: Szendrői, Miklós (Hungary) / Ortiz, Eduardo (Spain)

- F177 Custom-made megaprotheses in patients with malignant tumors of the pelvis: 31 years of experience and results  
Authors: Pilge, Hakan / Holzapfel, Boris / Rechl, Hans / Rudert, Maximilian / Hromatke, Thorsten / Gollwitzer, Hans / Gradinger, Rene  
Speaker: Pilge, Hakan (Germany)
- F178 Incidence of complications in Kotz type tumor endoprotheses of the proximal femur in tumor patients- A Retrospective Single Center Study in 170 consecutive cases  
Authors: Puchner, Stephan / Hofstaetter, Jochen / Hipfl, Christian / Funovics, Philipp / Kotz, Rainer / Dominkus, Martin  
Speaker: Puchner, Stephan (Austria)
- F179 Primary reconstructions of the lower limb with modular prostheses: an analysis of implant survival comparing cemented versus uncemented stems  
Authors: Ruggieri, Pietro / Pala, Elisa / Abati, Caterina / Calabrò, Teresa / Henderson, Eric / Marulanda, German / Cheong, David / Letson, Douglas / Mercuri, Mario  
Speaker: Ruggieri, Pietro (Italy)
- F180 An update of non-invasive expandable endoprotheses in paediatric tumour surgery – a dual centre study  
Authors: Gokaraju, Kishan / Miles, Jonathan / Blunn, Gordon / Unwin, Paul / Pollock, Robin / Skinner, John / Tillman, Robert / Jeys, Lee / Abudu, Adesegun / Carter, Simon / Grimer, Rob / Cannon, Steve / Briggs, Timothy  
Speaker: Gokaraju, Kishan (United Kingdom)
- F181 Osteoarticular allograft reconstruction after distal radial resection for bone tumors: a series of 18 cases at 1.5 to 8 years follow-up  
Authors: Scocciati, Guido / Campanacci, Domenico / Beltrami, Giovanni / De Biase, Pietro / Caldora, Patrizio / Capanna, Rodolfo  
Speaker: Campanacci, Domenico (Italy)
- F182 Extracorporeally irradiated autografts: pitfalls, tips and tricks  
Authors: Sys, Gwen / Poffyn, Bart / Van Damme, Piet / Uyttendaele, Dirk  
Speaker: Van Damme, Piet (Belgium)
- F183 Acrylic reconstruction after en bloc resection of iliac bone for sarcoma  
Authors: Delepine, Gerard / Delepine, Fabrice / Alkhallaf, Salwa / Cornille, Helene / Delepine, Nicole  
Speaker: Delepine, Gerard (France)
- F184 Outcome of intralesional curettage with adjuvants for low-grade chondrosarcoma of the bone  
Authors: Di Giorgio, Luigi / Teori, Giuseppe / Touloupakis, Georgios / Vitullo, Fabrizio / Imperato, Luca / Gambini, Andrea / Villani, Ciro  
Speaker: Di Giorgio, Luigi (Italy)
- F185 Incidence, treatment and outcome of infection in major surgical procedure in skeletal oncology  
Author: Ruggieri, Pietro / Angelini, Andrea / Pala, Elisa / Ussia, Giuseppe / Calabrò, Teresa / Casadei, Roberto / Mercuri, Mario  
Speaker: Ruggieri, Pietro (Italy)

Foot/ankle/leg

FREE PAPER COMPLEX FOOT TRAUMA

ROOM: NEPTUNO

Moderators: Maffulli, Nicola (UK) / Valderrabano, Victor (Switzerland)

- F213 Calcaneocuboid Joint Involvement in Calcaneal Fractures  
Authors: Kinner, Bernd / Schieder, Sarah / Mueller, Franz / Roll, Christina  
Speaker: Kinner, Bernd (Germany)

17:00 - 18:30

F214	Lisfranc injury-anatomical variation increases susceptibility to fracture. Authors: Keerthi, Naveen / Rath, Narendra / Mukhopadhyaya, Mukhopadhyaya / Pullen, Hue / Thomas, Rhys Speaker: Keerthi, Naveen (United Kingdom)
F215	Are Internal Fixation limits of complex calcaneal fractures with locked screws calcaneal plates driven back? Long term results about 35 cases. Authors: Bel, Jean / Herzberg, Guillaume Speaker: Bel, Jean (France)
F216	The treatment of intra-articular fractures of the calcaneus with the use of the Ilizarov external fixator Authors: Karavolias, Christos / Stafylakis, Dimitrios / Klonaris, Marios / Tiliakos, Michael / Konstantinidis, Ioannis / Nomikarios, Dimitrios / Sokorelos, Michael Speaker: Stafylakis, Dimitrios (Greece)
F217	Early Complications and Radiological Outcomes of Internal Fixation of Calcaneus Fractures Authors: Pillai, Anand / Cherry, Vicky / Siddiqui, Manal / Kumar, Senthil Speaker: Cherry, Vicky (United Kingdom)
F218	Long term results of non-surgical treatment of calcaneal fractures. Authors: Tordoir, Rutger / Bartlema, Kees / Van Der Heide, Huub Speaker: Tordoir, Rutger (Netherlands)
F219	Stress fractures of the tibia following ankle / subtalar arthrodesis Authors: Kakwani, Rajeshkumar / Murty, A. Speaker: Kakwani, Rajeshkumar (United Kingdom)
F220	Outcome after Complex Trauma of the Foot Authors: Roll, Christina / Tietz, Stefanie / Mueller, Franz / Kinner, Bernd Speaker: Roll, Christina (Germany)
F221	Calcaneal fractures : indirect reduction and external Ilizarov fixator Authors: Matzaroglou, Charalampos / Saridis, Alkis / Tyllianakis, Minos Speaker: Matzaroglou, Charalampos (Greece)

17:30 - 18:30

Hand/wrist/arm/forearm

FREE PAPER HAND MISCELLANEOUS 1 ROOM: N111-112  
Moderators: Luchetti, Riccardo (Italy) / de Pedro, José Antonio (Spain)

F136	Thumb Carpometacarpal Osteoarthritis: Trapeziectomy versus trapeziectomy with PI2 arthroplasty Authors: Maru, Michael / Jethoo, Prithee / Turret, Lisa / Jones, Malcolm / Irwin, Les Speaker: Maru, Michael (United Kingdom)
F137	Screwed trapezium cup : Anatomical, biomechanical and multicenter clinical evaluation of the right implantation Authors: Obert, Laurent / Mouton, Pierre / Bincay, Ludovic / Masmejean, Emmanuel / Couturier, Christian / Le Bellec, Yves / Alnot, Jean Yves / Chantelot, Christophe Speaker: Obert, Laurent (France)
F138	Results of total aponeurectomy for Dupuytren's contracture in 61 patients: a retrospective clinical study. Authors: Högemann, Astrid / Wolfhard, Ulrich / Kendoff, Daniel / Board, Timothy / Olivier, Lucien Speaker: Högemann, Astrid (Germany)
F139	Sonographically Guided Percutaneous A1 Pulley Release: anatomic bases for a new method Authors: Rojo-Manaute, Jose / Lopez-Soto, Victor / De Las Heras Sanchez-Heredero, Julio / Del Cerro Gutierrez, Miguel / Del Valle Soto, Miguel / Moran Blanco, Luz Maria / Vaquero Martin, Javier Speaker: Rojo-Manaute, Jose (Spain)
F140	Giant cell tumor of tendon sheath: whom to give postoperative radiotherapy Authors: Garg, Bhavuk / Kotwal, P. Speaker: Kotwal, P. (India)

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**EFORT 2010**  
June 2–5 Madrid, Spain

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# Thursday 3 June

THURSDAY  
3 JUNE

Room	Hall 9	Main Auditorium Ground Floor	N101-102 1st Floor	N103 1st Floor	N104 1st Floor	N105-106 1st Floor	N107-108 1st Floor	N111-112 1st Floor	
Hour	Tribology Day								
8:00	Tribology Day								
8:30	Industry Exhibition open	THA soft bearings Hip Free Papers	Basics for orthopaedic surgeons in training General Orthopaedics Symposium	Isolated patello femoral osteoarthritis Knee Osseous Instructional Lecture	Soft-tissue repair General Orthopaedics Free Papers	Management of the acute fracture dislocation of the elbow Shoulder/Elbow Instructional Lecture	New approaches in operative treatment of children's fracture EPOS Guest Session	Arthroscopic possibilities in hand surgery Hand/Wrist Symposium	
9:00		THA ceramic on ceramic Hip Free Papers	Tribology General Orthopaedics Free Papers 3 min.	Unicompartmental knee prosthesis Knee Osseous Free Papers		Non-union: New trends General Orthopaedics Instructional Lecture	Back problems in children and adolescents EPOS Guest Session		
9:30									
10:00								Diagnosis and treatment of soft-tissue sarcomas Bone and joint tumours Instructional Lecture	
10:30		Break							
11:00			State of trauma care in Europe Trauma/Polytrauma Plenary Session						
11:30									
12:00									
12:30									
13:00			Clinical issues with fractures of distal tibia, pilon and hind foot ESTES Guest Session		Intraoperative implant customisation in revision hip arthroplasty LIMA Corporate Satellite Symposium	Novel OsteoBiologic approaches in regenerative medicine Osteotech Satellite Symposium		The right replacement for any clinical requirement: 8 years of trekking total system SAMO Satellite Symposium	Addressing the challenges in proximal femoral nailing Synthes Satellite Symposium
13:30									
14:00									
14:30		THA cup long term results Hip Free Papers	Tribology: Applied basic science General Orthopaedics Symposium	Lateral uni knee Knee Osseous Symposium	EFORT-EULAR Symposium Osteoporotic fractures Osteoporosis Symposium	Hip fractures 1 Trauma/Polytrauma Free Papers	An overview of the flatfoot condition from newborn to adult Paediatrics ExMEx	Miscellaneous Hand/Wrist Free Papers	
15:00									
15:30									
16:00		Break		High flex knee Knee Osseous Symposium	Break			Break	
16:30		Venous thromboembolism (VTE) General Orthopaedics Symposium	What's new in tribology? General Orthopaedics Symposium		Distal tibia and ankle joint fractures ARTOF Guest Session	Hip fractures 2 Trauma/Polytrauma Free Papers		How to write a clinical paper JBJS Guest Session	
17:00							Break		
17:30			Tribology - Meet the experts General Orthopaedics Free Papers	How to treat large bone defects in revision TKR Knee Osseous Instructional Lecture					
18:00							Benign bone tumours EPOS Guest Session	Scaphoid fractures: Diagnosis and management Hand/Wrist Instructional Lecture	
18:30									
20:00	20.30 - 23.30 Madrid Night at Palacio del Negralejo								

IL = Instructional Lecture    CCD = Controversial Case Discussion    ExMEx = Experts meet Experts



N113-114 1st Floor	N115-116 1st Floor	Colón 2nd Floor	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor	N109 1st Floor	Room
							Hour
							8:00
The Osteoporotic Spine – In collaboration with the "Fragility-Fracture-Line Network" Osteoporosis Symposium	Nurse Day icon Guest Session	Non-cemented revision femoral replacement Hip CCD	Diabetic foot infection, treatment and structure of treatment Foot/Ankle Symposium in collaboration with DFSG	Varios 1 Rodilla Comunicaciones SECOT	Varios Mano muñeca Comunicaciones SECOT	Comisión Nacional de la Especialidad/Mesa de formación MIR SECOT Sesión SECOT	8:30
				Varios 2 Rodilla Comunicaciones SECOT			9:00
							9:30
							10:00
							10:30
Break							
	Nurse Day icon Guest Session	Joint replacement Lower Limb Free Papers 3 min.		Varios Infantil Comunicaciones SECOT	Tumores de la mano. Nuevas líneas en el diagnóstico y tratamiento SECMA Sociedad	Bases biomecánicas de la osteosíntesis SIBB Sociedad	11:00
			Reunión del GETOI GETOI Grupo de estudio Español				11:30
				Mesa debate entre amigos: Casos y cosas en la reconstrucción compleja de las extremidades AEM Sociedad			12:00
The Oxford partial knee symposium Biomet Satellite Symposium	IT Systems: Technology and tribology together Zimmer GmbH Satellite Symposium	The management of soft-tissue trauma Smith & Nephew Satellite Symposium	Is 90% survival rate after 10 years enough? The role of new bearing technologies vitamys® and ceramys® Mathys Satellite Symposium	Satisfacción y adherencia al tratamiento inyectable en la profilaxis de la enfermedad tromboembólica GET Grupo de estudio Español		Asociación Española de Cirujanos Ortopédicos y Traumatólogos AECOT Sociedad	12:30
Tumours spine Bone and joint tumours Free Papers	Problem wounds – a multidisciplinary challenge EWMA Guest Session	Sports medicine Sports/Knee soft-tissue CCD	Surgery of hallux Foot/Ankle Free Papers	Artroscopia de Codo: Anatomía, Portales e Indicaciones SECHC Sociedad	ATR-1 Rodilla Comunicaciones SECOT	Mejores comunicaciones SECOT Sesión SECOT	13:00
Break							13:30
Osteoporosis Osteoporosis Free Papers	Break				Break	Mejores posters SECOT Sesión SECOT	14:00
	Pressure ulcers EWMA Guest Session	Infections: Risk factors and prophylaxis Infection Free Papers	Painful flatfoot Foot/Ankle Instructional Lecture	Break	Hallux Pie tobillo Comunicaciones SECOT		14:30
			Ankle & hindfoot Foot/Ankle Free Papers	Fracturas Hombro codo Comunicaciones SECOT			15:00
The rheumatic cervical spine Spine Instructional Lecture							
							16:00
							16:30
							17:00
							17:30
							18:00
							18:30
20.30 – 23.30 Madrid Night at Palacio del Negralejo							20:00

Thursday  
3 June

THURSDAY  
3 JUNE

08:30 - 09:30

GUEST SESSION

EPOS



NEW APPROACHES IN OPERATIVE TREATMENT OF CHILDREN'S FRACTURE

ROOM: N107-108

Organiser: Møller-Madsen, Bjarne (Denmark)

Elastic stable intramedullary nailing (ESIN) stabilizing paediatric diaphyseal limb fractures

Speaker: Lascombes, Pierre (France)

Intramedullary nailing in pathological fractures

Speaker: Wirth, Thomas (Germany)

Acute fractures and dislocations of the spine in children and adolescents

Speaker: Yazici, Muharrem (Turkey)

Do not throw the cast away...

Speaker: Paterson, Mark (UK)

09:30 - 10:30

GUEST SESSION

EPOS



BACK PROBLEMS IN CHILDREN AND ADOLESCENTS

ROOM: N107-108

Organisers: Krauspe, Rüdiger (Germany) / Schlenzka, Dietrich (Finland)

The growing spine - What means a good posture?

Speaker: Hasler, Carol (Switzerland)

Back pain during growth - Differential diagnosis

Speaker: Kaelin, André (Switzerland)

The role of imaging: X-ray, CT, MRI, Scintigraphy

Speaker: Ippolito, Ernesto (Italy)

Spondylolisthesis

Speaker: Krauspe, Rüdiger (Germany)

Juvenile disc herniation

Speaker: Schlenzka, Dietrich (Finland)

Scheuermann's kyphosis

Speaker: Bollini, Gerard (France)

08:30 - 09:30

Knee osseous

IL

ISOLATED PATELLO FEMORAL OSTEOARTHRITIS

ROOM: N103

Moderator: Bégué, Thierry (France)

Lecturer: Montserrat, Ferran (Spain)

Shoulder/elbow/arm/forearm

IL

MANAGEMENT OF THE ACUTE FRACTURE DISLOCATION OF THE ELBOW

ROOM: N105-106

Moderator: Sur, Hakki (Turkey)

Lecturer: Mader, Konrad (Norway)

08:30 – 09:30

General Orthopaedic/complications/basic science/technology

SYMPOSIUM BASICS FOR ORTHOPAEDIC SURGEONS IN TRAINING

ROOM: N101-102

Organiser: Knahr, Karl (Austria)

Biomechanics

Speaker: Morlock, Michael (Germany)

Tribology

Speaker: Fisher, John (UK)

Hip

FREE PAPER THA SOFT BEARINGS

MAIN AUDITORIUM

Moderators: Macheras, George (Greece)

F222 Finite element analysis of the acetabular cup in THA using the e poly polyethylene

Authors: Wong, Christian / Borgwardt, Arne / Gebuhr, Peter

Speaker: Wong, Christian (Denmark)

F223 A Multi-center Study of the Mid-term Wear Results of Highly Cross-linked Polyethylene THR Components

Authors: Bragdon, Charles / Martell, John / Clohisy, John / White, Richard / Goldberg, Victor / Della Valla, Craig / Berry, Daniel / Jarrett, Bryan / Harris, William / Malchau, Henrik

Speaker: Bragdon, Charles (United States)

F224 Wear of highly cross-linked cemented polyethylene cups and EtO-sterilized ultra-high molecular weight cemented polyethylene cups with Oxinium® or CoCr femoral heads: A randomized study of 150 hips using radiostereometric analysis

Authors: Kadar, Thomas / Hallan, Geir / Aamodt, Arild / Indrekvam, Kari / Badawy, Mona / Skredderstuen, Arne / Havelin, Leif Ivar / Stokke, Terje / Haugan, Kristin / Furnes, Ove

Speaker: Kadar, Thomas (Norway)

F225 In vivo wear measurement of new bearing surfaces of ceramic on ceramic and ceramic on polyethylene by the use of Polyware® Computerized System. A prospective radiological study with 3-6 years follow-up

Authors: Karydakis, Georgios / Karachalios, Theofilos / Giotikas, Dimitrios / Moraitis, Theofanis / Varitimidis, Socratis / Karydakis, Georgios

Speaker: Karydakis, Georgios (Greece)

F226 A novel model to predict wear in an uncemented hip replacement with a ceramic on polyethylene bearing

Authors: Boyle, Simon / Loughenbury, Peter / Deacon, P. / Hall, R.

Speaker: Loughenbury, Peter (United Kingdom)

F227 Novel Bearing Technology For Hip Arthroplasty

Authors: Moroni, Antonio / Hoque, Martha / Micera, Giovanni / Orsini, Riccardo / Giannini, Sandro

Speaker: Moroni, Antonio (Italy)

08:30 – 10:00

Hand/wrist/arm/forearm

SYMPOSIUM ARTHROSCOPIC POSSIBILITIES IN HANDSURGERY

ROOM: N111-112

Organiser: Mathoulin, Christophe (France)

Arthroscopic wrist ganglion removal

Speaker: Mathoulin, Christophe (France)

Arthroscopic distal radius fracture

Speaker: del Piñal, Francisco (Spain)

Arthroscopic distal ulna resection

Speaker: Lindau, Tommy (UK)

Complications in wrist arthroscopy

Speaker: Leclercq, Caroline (France)

Treatment of peripheral TFCC tears

Speaker: Atzei, Andrea (Italy)

Arthroscopic treatment of scapho-lunate lesions

Speaker: Haerle, Max (Germany)

Discussion



08:30 - 10:00

Foot/ankle/leg

**SYMPOSIUM** **DIABETIC FOOT INFECTION, TREATMENT AND STRUCTURE OF TREATMENT - IN COLLABORATION WITH DFSG, DIABETIC FOOT STUDY GROUP**  
Organiser: Apelqvist, Jan (Denmark)

ROOM: NEPTUNO

Extend the burden

Speaker: Apelqvist, Jan (Denmark)

The diabetic foot - implementation of multidisciplinary approach

Speaker: Jude, Edward (UK)

Anti microbial therapy

Speaker: Edmonds, Mike (UK)

The surgeons perspective on diabetic foot infection

Speaker: Holstein, Per (Denmark)

Hip

**CCD** **NON-CEMENTED REVISION FEMORAL REPLACEMENT**  
Organiser: Zagra, Luigi (Italy)

ROOM: COLON

Modular revision stems in the treatment of femoral bone defects

Speaker: Günther, Klaus-Peter (Germany)

Options for surgical approach and bone loss in femoral revision hip arthroplasty

Speakers: Argenson, Jean-Noël (France) / Parratte, Sebastien (France)

Revision total hip arthroplasty in CHD, wrong selection of patient for revision THA; the impossible case for revision THA

Speaker: Karachalios, Theofilos (Greece)

08:30 - 10:30

Osteoporosis

**SYMPOSIUM** **THE OSTEOPOROTIC SPINE - IN COLLABORATION WITH THE "FRAGILITY-FRACTURE-LINE NETWORK"** ROOM: N113-114  
Organisers: Lidgren, Lars (Sweden) / Mutschler, Wolf (Germany) / Puhl, Wolfhart (Germany) / Svensson, Olle (Sweden)

Epidemiology - the daily experience

Speaker: Pidemunt, Gemma (Spain)

Conservative treatment-what should it include and how long should it last

Speaker: Akesson, Kristina (Sweden)

Discussion

Vertebroplasty and Kyphoplasty - are they still justified?

Speaker: Kurth, Andreas (Germany)

New Surgical aspects in Vertebroplasty

Speaker: Deramond, Herve (France)

New Surgical aspects in Kyphoplasty

Speaker: Becker, Stephan (Austria)

Discussion

Major trauma in the osteoporotic spine - an increasing challenge

Speaker: Gontschorek, Oliver (Germany)

Guidelines for the treatment of vertebral fractures in osteoporosis - are they different in Europe?

Speaker: Dreinhöfer, Karsten (Germany)

Discussion

08:30 - 10:30

General Orthopaedic/complications/basic science/technology

FREE PAPER SOFT-TISSUE REPAIR

ROOM: N104

Moderators: Cicak, Nikola (Croatia) / Guadilla, Jorge (Spain)

F261	The Effect of Ipsilateral Upper Extremity Loading in Gluteus Medius Tendinitis: An Electrophysiologic and Clinical Study Authors: Seyahi, Aksel / Uludag, Serkan / Boyaciyan, Ari / Demirhan, Mehmet Speaker: Seyahi, Aksel (Turkey)
F262	Anatomic study of the saphenous nerve at knee joint and its clinical correlation to the pattern of nerve injury after anterior cruciate ligament reconstruction using hamstring tendon graft Authors: El-Sayed, Ahmed Mounir / Negm, Fathia Speaker: El-Sayed, Ahmed Mounir (Saudi Arabia)
F263	Effect of platelet-rich plasma on peripheral nerve regeneration. Model in rat Authors: Izquierdo, Oscar / Alvarez, Ramiro / Aparicio, Pilar / Castellanos, Juan / Dominguez, Enric Speaker: Izquierdo, Oscar (Spain)
F264	Platelet Rich Plasma Treatment for Chronic Achilles Tendonosis Authors: Monto, Raymond Speaker: Monto, Raymond (United States)
F265	TGFβ and VEGF secretion from Mesenchymal Stem Cells (MSCs) stimulate the formation of Bone Metastases through Epithelial to Mesenchymal Transition (EMT) Authors: Kelly, John / Dwyer, Roisin / Murphy, Mary / Barry, Frank / O'Briain, Tim / Kerin, Michael Speaker: Kelly, John (Ireland)
F266	Successful Isolation and Osteoblastic Differentiation of Minipig Mesenchymal Stem Cells from Bone Marrow but not from Peripheral Blood Authors: Heino, Terhi / Alm, Jessica / Moritz, Niko / Aro, Hannu Speaker: Heino, Terhi (Finland)
F268	Systemic Mesenchymal Stem Cell Transplantation for the Treatment of Skeletal Muscle Trauma Authors: Von Roth, Philipp / Radojewski, Piotr / Matziolis, Georg / Duda, Georg / Perka, Carsten / Winkler, Tobias Speaker: Winkler, Tobias (Germany)
F269	Fibroblast attachment on Diamond-like-Carbon Coated Titanium Authors: Dhawan, Rohit / Pendegrass, Catherine / Blunn, Gordon Speaker: Dhawan, Rohit (United Kingdom)
F270	Tendon-lengthening in continuity: Description of a new method of helical cutting <a href="#">Selected within the best Free Papers</a> Authors: Farshad, Mazda / Gerber, Christian / Snedeker, Jess / Meyer, Dominik Speaker: Farshad, Mazda (Switzerland)
F271	Influence of testing conditions on primary stability of arthroscopic knot tying for rotator cuff repair: slippery when wet? Author: Pietschmann, Matthias / Häuser, Eva / Güleyüz, Mehmet / Sadoghi, Patrick / Jansson, Volkmar / Müller, Peter Speaker: Pietschmann, Matthias (Germany)
F272	Glutamate receptors in tendinopathy Author: Ackermann, Paul / Schizas, Nicos / Oystein, Lian / Frihagen, Frede / Engebretsen, Lars / Bahr, Roald Speaker: Ackermann, Paul (Sweden)

Thursday  
3 June

08:30 - 13:00

GUEST SESSION

## Nurse Session



NURSE PAPER PRESENTATION

ROOM: N115-116

**Organiser: Hommel, Ami (Sweden)**

Welcome

Speaker: Hommel, Ami (Sweden)

Professional competences of nursing in orthopaedic and traumatology. Adaptation of resources

Speaker: Miguel, Elena (Spain)

Orthopaedic nursing leadership

Speaker: Collins, Elaine (UK)

The problems of identifying infection in external fixator pin site wounds

Speaker: Santy, Julie (UK)

Nursing interventions to prevent leg edema after THR

Speaker: Allerslev Horsbol, Trine (Denmark)

Nursing rehabilitation of patients aged over 65 years after THA

Speaker: Hørdam, Britta (Denmark)

No gender differences in mortality and functional outcome after hip fracture

Speaker: Samuelsson, Bodil (Sweden)

Urinary retention among acute orthopaedic patients. A common and preventable patient safety risk

Speaker: Joelsson-Alm, Eva (Sweden)

Information needs before hospital discharge of hip and knee arthroplasty patients

Speaker: Sendir, Merdiye (Turkey)

Do clinical guidelines improve quality of care?

Speaker: Pedersen, Preben U. (Denmark)

Clearinghouse for nursing

Speaker: Madsen, Inge (Denmark)

Developing a national strategy to utilise evidence in practice

Speaker: Gonzales Maria, Ester (Spain)

Implementing clinical guidelines in practice

Speaker: Kroll, Vibeke (Denmark)



Quality improvement by orthopaedic focus groups

Speaker: Brantberg, Anna Lena (Sweden)

Evaluation of night-time pain characteristics and quality of sleep in postoperative orthopaedic patients

Speaker: Büyükyılmaz, Funda (Turkey)

Border crossings: Advancing orthopaedic care through international collaboration

Speaker: Collins, Elaine (UK)

Closing the session

Speaker: Hommel, Ami (Sweden)

09:30 - 10:30

General Orthopaedic/complications/basic science/technology

IL

**NON-UNION: NEW TRENDS**

ROOM: N105-106

**Moderator: Steens, Wolfram (Germany)**

**Lecturer: Zimmermann, Gerald (Germany)**



09:30 - 10:30

**Hip**

**FREE PAPER** **THA CERAMIC ON CERAMIC** **MAIN AUDITORIUM**  
**Moderators: Currie, Colin (UK) / Pons, Miquel (Spain)**

- F228 Total hip prostheses with Ceramic-on-Ceramic articulations in the Norwegian Arthroplasty Register  
 Authors: Havelin, Leif / Dybvik, Eva / Hallan, Geir / Furnes, Ove  
 Speaker: Havelin, Leif (Norway)
- F229 Alumina ceramic on ceramic bearings in cementless total hip arthroplasty. A minimum 10 year follow up  
 Authors: Yeung, Eric / Thornton Bott, Paul / Jackson, Mark / Walter, William / Walter, William / Zicat, Bernard  
 Speaker: Yeung, Eric (Australia)
- F230 Is noise in ceramic-on-ceramic hips linked to periprosthetic bone?  
 Authors: Grimm, Bernd / Vencken, Wendy / Heyligers, Ide  
 Speaker: Grimm, Bernd (Netherlands)
- F231 The role of patient factors in squeaking of ceramic on ceramic total hip arthroplasty  
 Authors: Yeung, Eric / Sexton, Shaun / Walter, William / Walter, William / Zicat, Bernard  
 Speaker: Yeung, Eric (Australia)
- F232 Head size in relation to noise occurrence in ceramic on ceramic bearings  
 Authors: Hoffmann, Frank / Jovanovic, Milan / Muschik, Michael  
 Speaker: Hoffmann, Frank (Germany)
- F233 Noise Emissions in Hard-on-hard bearings in Total Hip. A Comparison of 28mm and 36mm Articulations.  
 Authors: Van Der Jagt, Dick / Gelbard, Brad / Mocketi, Lipalo / Nwokeyi, Kingsley / Schepers, Anton  
 Speaker: Van Der Jagt, Dick (South Africa)

**General Orthopaedic/complications/basic science/technology**

**FREE PAPER** **TRIBOLOGY: 3 MINUTES FREE PAPER PRESENTATION** **ROOM: N101-102**  
**Moderators: Knahr, Karl (Austria) / Macheras, George (Greece)**

- F243 Ceramic surface engineering of the articulating surfaces effectively minimizes wear and corrosion of metal-on-metal hip prostheses  
 Authors: Hamelynck, Karel / Woodnutt, David / Rice, Robin / Bongaerts, Genio  
 Speaker: Hamelynck, Karel (Netherlands)
- F702 Ceramic on Ceramic Coupling with greatest size femoral heads  
 Authors: Zanasi, Stefano  
 Speaker: Zanasi, Stefano (Italy)
- F244 Functional and clinical outcome of cementless primary arthroplasty of the hip using large diameter ceramic bearing couples.  
 Authors: Raman, Raghu / Johnson, G. / Sharma, H. / Gopal, S. / Shaw, Chris / Singh, J.  
 Speaker: Raman, Raghu (United Kingdom)
- F245 Wear behavior of AMC ceramics on PE in hip prostheses  
 Authors: Masson, Bernard / Pandorf, Thomas  
 Speaker: Masson, Bernard (France)
- F246 Rates of Osteolysis in Well-functioning Alumina-on-Highly Cross-Linked Polyethylene Bearing Cementless THA in Patients Younger Than Fifty With Femoral Head Osteonecrosis  
 Authors: Kim, Young-Hoo / Choi, Yoowang / Kim, Jun-Shik  
 Speaker: Kim, Young-Hoo (Korea, Republic of)
- F247 Increased Wear and Edge-Loading in Metal-on-Metal Hip Resurfacing Implants Revised Due To Pseudotumours  
 Authors: Kwon, Young-Min / Glyn-Jones, Sion / Simpson, David / Kamali, Amir / Counsell, Louise / Mclardy-Smith, Peter / Beard, David / Gill, Harinderjit / Murray, David  
 Speaker: Kwon, Young-Min (United Kingdom)
- F248 Hip resurfacing-related pseudotumours are associated with increased wear, caused by edge-loading and impingement.  
 Authors: Glyn-Jones, Sion / Roques, Anne / Esposito, Christina / Gill, Harinderjit / Walter, William / Tuke, Mike / Murray, David  
 Speaker: Glyn-Jones, Sion (United Kingdom)
- F249 In Vivo Orientation and Edge Loading of Metal-on-Metal Devices  
 Authors: Li, Chenxi / Kamali, Amir / Packer, Katrina / Ashton, Roger  
 Speaker: Kamali, Amir (United Kingdom)

09:30 – 10:30

- F250 Metal backed acetabular cups with conventional polyethylene. A review of 9 113 primary acetabular cups with 0-20 years follow-up from the Norwegian arthroplasty register  
Authors: Hallan, Geir / Dybvik, Eva / Furnes, Ove / Havelin, Leif  
Speaker: Hallan, Geir (Norway)
- F251 The Influence of abduction angle on the wear characteristics of a second generation highly crosslinked polyethylene  
Authors: Herrera, Lizeth / Longaray, Jason / Essner, Aaron / Streicher, Robert  
Speaker: Herrera, Lizeth (United States)
- F252 Inflammatory reaction against different polyethylene particles in vivo  
Author: Utzschneider, Sandra / Dedic, Mirza / Paulus, Alexander / Schroeder, Christian / Sievers, Birte / Gottschalk, Oliver / Sadoghi, Patrick / Jansson, Volkmar  
Speaker: Utzschneider, Sandra (Germany)
- F253 The 7 year in vivo wear of highly cross-linked polyethylene. A double blind RCT  
Author: Thomas, Geraint / Simpson, David / Gill, Hariderjit / Mclardy-Smith, Peter / Glyn-Jones, Sion / Murray, David  
Speaker: Thomas, Geraint (United Kingdom)
- F254 A deflection compensating acetabular cup  
Author: Hussain, Azad / Kamali, Amir / Li, Chenxi / Pamu, Joseph / Daniel, Jasper  
Speaker: Kamali, Amir (United Kingdom)

Knee osseous

FREE PAPER UNICOMPARTIMENTAL KNEE PROSTHESIS ROOM: N103  
Moderators: Dodd, Christopher (UK) / Sur, Hakki (Turkey)

- F255 High medial joint space width or low lateral/medial joint space width ratio in preoperative radiographs – high risks for early failure of unicompartmental knee arthroplasty  
Authors: Niinimäki, Tuukka / Partanen, Juha / Pajala, Ari / Leppilahti, Juhana  
Speaker: Niinimäki, Tuukka (Finland)
- F256 Unicompartmental Knee Replacement, Cemented vs. Cementless  
Authors: Bontemps, Gustav / Schlüter-Brust, Klaus  
Speaker: Bontemps, Gustav (Germany)
- F257 Outcome and Reproducibility of Data concerning the Oxford Medial Unicompartmental Knee Arthroplasty  
Authors: Labek, Gerold / Sekyra, Kathrin / Pawelka, Wolfram / Janda, Wolfgang / Agreiter, Mark / Schlichtherle, Rainer / Stöckl, Bernd / Krismer, Martin  
Speaker: Labek, Gerold (Austria)
- F258 Reduced fracture loads for periprosthetic tibial plateau fractures in cementless versus cemented unicompartmental knee arthroplasty  
Authors: Seeger, Joern / Haas, Daniela / Aldinger, Peter / Jaeger, Sebastian / Bruckner, Thomas / Clarius, Michael  
Speaker: Seeger, Joern (Germany)
- F259 Imageless navigation versus conventional total knee arthroplasty – a retrospective cost benefit analysis  
Authors: König, Dietmar / Schnurr, Christoph / Eysel, Peer  
Speaker: König, Dietmar (Germany)
- F260 Upfront About Unicompartmental Knee Replacement Does patellofemoral joint degeneration affect outcome?  
Authors: Sprenger De Rover, Walter / Kang, S-Niel / Alazzawi, Sulaiman / Smith, Toby / Walton, Neil  
Speaker: Sprenger De Rover, Walter (United Kingdom)

10:00 – 11:00

Bone and joint tumours

- IL DIAGNOSIS AND TREATMENT OF SOFT-TISSUE SARCOMAS ROOM: N111-112  
Moderator: Campanacci, Domenico Andrea (Italy)  
Lecturer: Szendrői, Miklós (Hungary)

11:00 – 13:00

Trauma / polytrauma

PLENARY SESSION STATE OF TRAUMA CARE IN EUROPE MAIN AUDITORIUM

Organiser: Bégué, Thierry (France)

Percutaneous treatment for fractures of the acetabulum  
Speaker: Caviglia, Horacio (Argentina)

Vertebroplasty and Kyphoplasty for vertebral body fractures  
Speaker: Caceres Palou, Enric (Spain)

Do we need Trauma centers in Europe nowadays?  
Speaker: Van Vugt, Arie (Netherlands)

Fractures of the proximal tibia: An update in technics  
Speaker: Garnavos, Christos (Greece)

Periprosthetic fractures with locked plates  
Speaker: Bégué, Thierry (France)

Lower limb

FREE PAPER JOINT REPLACEMENT (3 MINUTES FREE PAPER) ROOM: COLON

Moderators: Neyret, Philippe (France) / Garcia-Alonso, Manuel (Spain)

F318 Assessment of hip flexion when picking an object up from the floor. Is there a difference between small and large bearing hip implants?  
Authors: Panchani, Sunil / Melling, David / Moorehead, John / Carter, Paul / Scott, Simon  
Speaker: Melling, David (United Kingdom)

F319 Effect of cup position and orientation on long-term linear and volumetric wear after hip replacement.  
Authors: Ilchmann, Thomas / Gunzenhauser, Thomas / Pannhorst, Silke / Clauss, Martin  
Speaker: Ilchmann, Thomas (Switzerland)

F320 Hydroxyapatite coating does not affect survival of a tapered titanium femoral stem: A Swedish National Hip Register study on 3,116 total hip replacements  
Authors: Lazarinis, Stergios / Kärrholm, Johan / Hailer, Nils  
Speaker: Lazarinis, Stergios (Sweden)

F321 Osteonecrosis: a substance problem rather than a surface disease. Is resurfacing a viable solution?  
Authors: Daniel, Joseph / Pradhan, Chandra / Ziaee, Hena / Pynsent, Paul / Mcminn, Derek James Wallace  
Speaker: Daniel, Joseph (United Kingdom)

F322 Minimum 5 follow-up of a cementless, modular, tapered stem in hip revision arthroplasty  
Authors: Weiss, Rüdiger / Enocson, Anders / Schmalholz, Anders / Stark, André  
Speaker: Weiss, Rüdiger (Sweden)

F323 Old Septic Hip and conversion to total hip replacement  
Authors: Tabani, Syed / Nagai, Hajimi / Kay, Peter  
Speaker: Tabani, Syed (United Kingdom)

F324 Results of Cementless Total Hip Replacement for Bony Ankylosis in Patients with Ankylosing Spondylitis  
Authors: Malhotra, Rajesh / Eachempati, K. / Kumar, Vijay  
Speaker: Malhotra, Rajesh (India)

F325 Ceramic sandwich liner fracture.  
Authors: Gouin, Francois (France) / Lopes, Ronny  
Speaker: Lopes, Ronny

F326 Knee passive flexion axis does not change in osteoarthritic patients  
Authors: Colle, Francesca / Bignozzi, Simone / Lopomo, Nicola / Zaffagnini, Stefano / Sun, Lei / Marcacci, Maurizio  
Speaker: Marcacci, Maurizio (Italy)

F327 Range of motion and function are similar in patients undergoing posterior stabilized TKA with conventional and high flexion polyethylene inserts.  
Authors: Malik, Aamer / Salas, Antonio / Ben Ari, Judith / Ma, Yan / Gonzalez Della Valle, Alejandro  
Speaker: Malik, Aamer (United States)

F328 Does a New Knee Design Perform as Well as the Design it Replaces?  
Authors: Toksvig-Larsen, Sören / Molt, Mats  
Speaker: Toksvig-Larsen, Sören (Sweden)

11:00 – 13:00

F329	<p>The role of preoperative and postoperative computed tomography scan for tibia plateau fractures treated with minimal invasive technique</p> <p>Author: Papanastasopoulos, Konstantinos / Myriokefalitakis, Emanouel / Drougas, Thrasivoulos / Krithymos, Thomas / Georgopoulos, Ioannis / Mandalos, Konstantinos / Kateros, Konstantinos Speaker: Papanastasopoulos, Konstantinos (Greece)</p>
F330	<p>Lateral Mobile Bearings in Partial Knee Replacement: flat or domed?</p> <p>Author: Simpson, David / Kendrick, Ben / O'Connor, John / Pandit, Hemant / Dodd, Chris / Murray, David Speaker: Dodd, Chris (United Kingdom)</p>
F331	<p>Lateral unicompartmental arthroplasty : 54 cases with minimum 5 years follow-up.</p> <p>Author: Lustig, Sebastien / Munini, Edouard / Servien, Elvire / Demey, Guillaume / Ait Si Selmi, Tarik / Neyret, Philippe Speaker: Servien, Elvire (France)</p>
F332	<p>Unicompartmental Knee Replacement as a definitive implant: 20 year in-vivo wear data.</p> <p>Author: Kendrick, Benjamin / Simpson, David / Gill, Harinderjit / Valstar, Edward / Kaptein, Bart / Dodd, Chris / Murray, David / Price, Andrew Speaker: Kendrick, Benjamin (United Kingdom)</p>
F333	<p>The impact of the osteoarthritis hip and knee service (OAHKS) in Melbourne health: a review from 2006 – 2009</p> <p>Author: Brown, Craig / Gordon, Brit / Bucknill, Andrew Speaker: Brown, Craig (Australia)</p>
F334	<p>Poliaxial Locked Implants in the Treatment of Peri-Prosthetic Fractures of the Femur</p> <p>Author: Faschingbauer, Maximilian / Cabrera-Palacios, Hector / Jürgens, Christian / Meiners, Jan / Schulz, Arndt Speaker: Cabrera-Palacios, Hector (Germany)</p>
F335	<p>The role of the abduction brace in the management of the dislocated primary total hip replacement.</p> <p>Author: Brennan, Stephen / Khan, Fahim / O'Byrne, John Speaker: Brennan, Stephen (Ireland)</p>
F336	<p>Short term results of the Durom acetabular component - is it susceptible to "spin out" in our experience?</p> <p>Author: Dodd, Matthew / Briffa, Nikolai / Bourke, Henry / Ward, David Speaker: Dodd, Matthew (United Kingdom)</p>
F337	<p>Outcome of the Cemented Corin Taper-Fit Femoral Stem. A Minimum Ten Year Follow-Up</p> <p>Author: Cousins, Gerard / Finlayson, David Speaker: Cousins, Gerard (United Kingdom)</p>
F338	<p>Oxinium vs. Cobalt Chrome Femoral Heads in Total Hip Arthroplasty - Radiological Evaluation of Wear at Minimum 2 Year Follow-Up</p> <p>Author: Patel, Shelain / Haddad, Fares / Soler, Juan Augustin / Tahmassebi, Jenni / Wardle, Nic / Hossain, Fahad Speaker: Patel, Shelain (United Kingdom)</p>
F339	<p>Mid-term Results Of Trispiked Reflection Cementless Acetabular Component For Primary THR.</p> <p>Author: Corten, Kristoff / Naudie, Douglas / Teo, Yeezse / Rorabeck, Cecil / Macdonald, Steven / Bourne, Robert / Mccalden, Richard Speaker: Corten, Kristoff (Belgium)</p>
F340	<p>A Prospective Comparison of Femoral Periprosthetic Stress-Shielding in patients implanted with 4/5th and 1/3rd porous coated cementless femoral stems</p> <p>Author: Kumar, Vijay / Garg, Bhavuk / Malhotra, Rajesh Speaker: Kumar, Vijay (India)</p>
F341	<p>Long- Term Bone Remodeling Around Stable Uncemented Stems:A Prospective DEXA Study 12-22 Years Postoperatively</p> <p>Author: Merle, Christian / Streit, Marcus / Volz, Claudia / Aldinger, Peter Speaker: Merle, Christian (Germany)</p>

13:00 – 14:30

SATELLITE SYMPOSIUM

## LIMA CORPORATE



INTRAOPERATIVE IMPLANT CUSTOMISATION IN REVISION HIP ARTHROPLASTY

ROOM: N103

**Chair: Biggi, Francesco (Italy) / Michel, Markus (Switzerland)**

Introduction

Speaker: Michel, Markus (Switzerland)

The delta TT revision system

Speaker: Biggi, Francesco (Italy)

Bone loss: How to fix those large defects?

TT hemispheric module: When and why

Speaker: Gallart, Xavier (Spain)

Bone grafts: When and why

Speaker: Mittelmeier, Wolfram (Germany)

Dislocation in revision: Big disaster, big head?

From 28 to 42mm with all materials: When and why

Speaker: Zagra, Luigi (Italy)

Double mobility concept: When and why

Speaker: Benazzo, Francesco (Italy)

Cup orientation in revision: No longer an issue?

Augment and spacers: When and why

Speaker: Neumann, Daniel (Austria)

Cemented cups: When and why

Speaker: Trebse, Rihard (Slovenia)

Socratic debate

Moderators: Biggi, Francesco (Italy) / Michel, Markus (Switzerland)

SATELLITE SYMPOSIUM

## Osteotech



NOVEL OSTEOBIOLOGIC APPROACHES IN REGENERATIVE MEDICINE

ROOM: N104

**Chair: Falez, Francesco (Italy) / Hernigou, Philippe (France)**

Past, present and future in bone grafting

Speaker: Boisgard, Stéphane (France)

Grafton®: Clinical evidence in orthopaedic reconstruction

Speaker: Falez, Francesco (Italy)

Grafton®: Clinical experience in spine

Speaker: Rodriguez Olaverri, Juan Carlos (Spain)

Bone grafting in orthopaedics

Speaker: Pons, Miquel (Spain)

The role of bone marrow aspiration and mesenchymal stem cells in orthopaedics

Speaker: Hernigou, Philippe (France)

Thursday  
3 June

13:00 - 14:30

SATELLITE SYMPOSIUM

**SAMO**



THE RIGHT REPLACEMENT FOR ANY CLINICAL REQUIREMENT: 8 YEARS OF TREKKING TOTAL SYSTEM

ROOM: N107-108

**Chair: Innocenti, Massimo (Italy) / Lizaur, Alejandro (Spain)**

Trekking introduction and review  
Speaker: Masoni, Davide (Italy)

Trekking mobile bearing experiences  
Speaker: de Souza, Antonio Marcelo (Brazil)

Trekking fixed & mobile bearing experiences  
Speaker: Lizaur, Alejandro (Spain)

Trekking PressFit experiences  
Speaker: Innocenti, Massimo (Italy)

Trekking TCK & revision experiences  
Speaker: Baldini, Andrea (Italy)

Trekking & CAS experiences  
Speaker: Alevrogiannis, Stavros (Greece)

Final discussion and conclusion  
Speakers: Innocenti, Massimo (Italy) / Lizaur, Alejandro (Spain)

SATELLITE SYMPOSIUM

**Synthes**



ADDRESSING THE CHALLENGES IN PROXIMAL FEMORAL NAILING

ROOM: N111-112

Speakers: Caceres Palou, Enric (Spain) / Blauth, Michael (Austria)

SATELLITE SYMPOSIUM

**BIOMET**



THE OXFORD PARTIAL KNEE SYMPOSIUM

ROOM: N113-114

Speaker: Dodd, Christopher (UK) / Jackson, Will (UK) / Price, Andrew (UK)

SATELLITE SYMPOSIUM

**Zimmer GmbH**



IT SYSTEMS: TECHNOLOGY AND TRIBOLOGY TOGETHER

ROOM: N115-116

Continuum™ Cup & Trilogy® IT: Preliminary Experience  
Speaker: Manktelow, Andrew (England)

Allofit® IT: Preliminary Experience  
Speaker: Günther, Klaus-Peter (Germany)

The need to have all 3 Tribologies in one System  
Speaker: Toni, Aldo (Italy)

THURSDAY  
3 JUNE

Thursday  
3 June

13:00 - 14:30

SATELLITE SYMPOSIUM

## Smith & Nephew



THE MANAGEMENT OF SOFT-TISSUE TRAUMA: THE SCIENCE, EVIDENCE AND CLINICAL RESULTS WITH NEGATIVE PRESSURE WOUND THERAPY

ROOM: COLON

**Chair: Runkel, Norbert (Germany)**

The use of NPWT in the management of complex surgical wounds: The challenges of a global consensus  
Speaker: Runkel, Norbert (Germany)

Mode of action of NPWT: What we know from scientific studies to date  
Speaker: Martin, Robin (UK)

The use of NPWT in the management of complex trauma wounds: A military experience  
Speaker: Jeffery, Steven (UK)

SATELLITE SYMPOSIUM

## Mathys



IS 90% SURVIVAL RATE AFTER 10 YEARS ENOUGH? THE ROLE OF NEW BEARING TECHNOLOGIES VITAMYS® AND CERAMYS®

ROOM: NEPTUNO

New opportunities of highly crosslinked polyethylenes from a surgeons point of view  
Speaker: Levai, Jean-Paul (France)

The use of vitamin E to protect cross-linked UHMWPE from oxidation  
Speaker: Delfosse, Daniel (Switzerland)

My experience with the RM Pressfit vitamys® cup  
Speaker: Kohl, Sandro (Switzerland)

Early clinical experiences with the RM Pressfit vitamys® cup  
Speaker: de Gast, Arthur (Netherlands)

Enhanced safety using dispersion ceramics  
Speaker: Mittelmeier, Wolfram (Germany)

Preliminary results of the new nanocrystalline dispersion ceramic ceramys®  
Speaker: Münger, Peter (Switzerland)

GUEST SESSION

## ESTES



CLINICAL ISSUES WITH FRACTURES OF DISTAL TIBIA, PILON AND HIND FOOT

MAIN AUDITORIUM

**Organisers: Rommens, Pol Maria (Germany) / Babst, Reto (Switzerland)**

Distal tibia: Clinical issues with plating  
Speaker: Sommer, Christoph (Switzerland)

Distal tibia: Clinical issues with nailing  
Speaker: Rommens, Pol Maria (Germany)

Distal tibia: Secondary reconstruction  
Speaker: Hessmann, Martin (Germany)

Clinical issues with pilon and ankle fractures  
Speaker: Leenen, Luke (Netherlands)

Clinical issues with calcaneal fractures  
Speaker: Babst, Reto (Switzerland)

THURSDAY  
3 JUNE

14:30 - 15:30

**Bone and joint tumours**

FREE PAPER TUMOURS SPINE

ROOM: N113-114

Moderators: Cannon, Stephen (UK) / Ubierna, Maite (Spain)

- |      |                                                                                                                                                                                                                                                                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F303 | Multisegmental primary tumors and solitary metastasis of the thoracolumbar spine: Results by management with multilevel en bloc spondylectomy and reconstruction using a carbon composite vertebral body replacement system<br>Authors: Luzzati, Alessandro / Perrucchini, Giuseppe / Gagliano, Fabio / Schaser, Klaus / Disch, Alex<br>Speaker: Luzzati, Alessandro (Italy) |
| F304 | Percutaneous Kyphoplasty in tumoral fractures of the spine<br>Authors: Colino, Alvaro / Cebrian, Juan Luis / Puente, Agustin / Rodriguez, German / Tejada, Jose Javier / Lopez-Duran, Luis<br>Speaker: Colino, Alvaro (Spain)                                                                                                                                                |
| F305 | Evaluation of seven scoring systems for 254 patients with spinal metastases<br>Authors: Wibmer, Christine / Leithner, Andreas / Hofmann, Günter / Clar, Heimo / Kapitan, Magdalena / Berghold, Andrea / Windhager, Reinhard<br>Speaker: Wibmer, Christine (Austria)                                                                                                          |
| F306 | Metastatic Spinal Tumours with or without Spinal Cord Compression: Importance of Early Presentation and Role of Modified Tokuhashi Score (MTS) in Decision Making for Surgical Intervention<br>Authors: Majeed, Haroon / Bommireddy, Rajendranath / Salem, Hatem / Ahmed, Kashif / Prasad, Psv / Potturu, Sreedha<br>Speaker: Majeed, Haroon (United Kingdom)                |
| F307 | Prognostic Factors for survival after surgery of metastatic spinal cord compression<br>Authors: Dijkstra, Sander / Hazen, Toine / Arts, Mark / Peul, Wilco<br>Speaker: Dijkstra, Sander (Netherlands)                                                                                                                                                                        |
| F308 | Application of three dimensional C-arm based navigation - in percutaneous resection of osteoid osteoma in spine and extremities.<br>Authors: Karuppaiah, Karthik / Shetty, Ajoy / Rajasekaran, S.<br>Speaker: Karuppaiah, Karthik (United Kingdom)                                                                                                                           |

14:30 - 16:00

GUEST SESSION

**EWMA**



**PROBLEM WOUNDS - A MULTIDISCIPLINARY CHALLENGE**

ROOM: N115-116

Organiser: Gottrup, Finn (Denmark)

Challenges in the management of problem wounds

Speaker: Gottrup, Finn (Denmark)

Current thinking in the management of problem wounds

Speaker: Bale, Sue (UK)

Health economy of problem wounds - outcome and implementation of knowledge

Speaker: Apelqvist, Jan (Sweden)

The role of orthopaedic surgery in the management of problem wounds

Speaker: Folestad, Agnetha (Sweden)

Thursday  
3 June

16:30 - 18:30

GUEST SESSION

EWMA



PRESSURE ULCERS

ROOM: N115-116

**Organiser: Moore, Zena (Ireland)**

Pressure ulcers - state of the art, epidemiology  
Speaker: Romanelli, Marco (Italy)

Risk assessment and prevention  
Speaker: Moore, Zena (Ireland)

Structure and care path ways  
Speaker: Verdu Soriano, José (Spain)

Orthopaedic view on pressure ulcer  
Speaker: Calvosa, Giuseppe (Italy)

New technologies in the management of pressure ulcers  
Speaker: Rimdeika, Rytis (Lithuania)

14:30 - 16:00

General Orthopaedic/complications/basic science/technology

SYMPOSIUM TRIBOLOGY: APPLIED BASIC SCIENCE

ROOM: N101-102

**Organisers: Doyle, Christina (UK) / Gomez-Barrena, Enrique (Spain)**

Introduction: The patient challenge- 'Millennium' patient profile  
Speaker: Lidgren, Lars (Sweden)

Introduction: The Material Challenge  
Speaker: Tranquilli Leali, Paolo (Italy)

Bearing performance - development and evaluation: Modern knee replacement/ review of development of non-conforming bearings  
Speaker: Fisher, John (UK)

Bearing performance - development and evaluation: The influence of alignment on performance of metal-metal resurfacing  
Speaker: Gill, Richie (UK)

Bearing performance - development and evaluation: Comparison of ceramic-on-ceramic and metal-metal retrievals analysis  
Speaker: Milosev, Ingrid (Slovenia)

Bearing performance - development and evaluation: Performance of polyethylene- in vivo and retrieval data on HXLPE  
Speaker: Medel, Francisco (Spain)

Bearing performance - development and evaluation: Prospective controlled clinical studies of bearing materials C-C etc  
Speaker: Hernigou, Philippe (France)

Discussion

Knee osseous

SYMPOSIUM LATERAL UNI KNEE

ROOM: N103

**Organiser: Servien, Elvire (France)**

Navigation and lateral uni Knee  
Speaker: Jenny, Jean-Yves (France)

Mobile bearing lateral UKA  
Speaker: Dodd, Christopher (UK)

Revision of lateral uni knee  
Speaker: Fink, Christian (Austria)

THURSDAY  
3 JUNE

14:30 - 16:00

**Osteoporosis**

**SYMPOSIUM EFORT-EULAR SYMPOSIUM - OSTEOPOROTIC FRACTURES**

**ROOM: N104**

**Organisers: Dreinhöfer, Karsten (Germany) / Herrera Rodriguez, Antonio (Spain)**

Recommendations for management of patients with osteoporotic fractures and prevention of subsequent fractures  
Speaker: Lems, Willem (Netherlands)

Treatment of proximal humeral fractures: Fixation/prosthesis  
Speaker: Sanchez-Sotelo, Joaquin (Spain)

The prevention of osteoporotic fractures  
Speaker: Marsh, David (UK)

Post-operative complications in fractures of hip  
Speaker: Carpintero, Pedro (Spain)

Kyphoplasty/vertebroplasty  
Speaker: Schofer, Markus (Germany)

**Sports/knee soft-tissue**

**CCD SPORTS MEDICINE**

**ROOM: COLON**

**Organiser: Marcacci, Maurilio (Italy)**

Difficult cases in meniscus and cartilage surgery in athletes  
Speakers: Garcia, Pedro Guillem (Spain) / Paessler, Hans (Germany) / Kelberine, François (France)

**Hip**

**FREE PAPER THA CUP LONG TERM RESULTS**

**MAIN AUDITORIUM**

**Moderators: Zagra, Luigi (Italy) / López Duran, Luis (Spain)**

F234 Acetabular anatomy determines the use of screws to augment fixation in cementless cups  
Authors: García-Rey, Eduardo / García-Cimbrelo, Eduardo / Cruz-Pardos, Ana  
Speaker: García-Rey, Eduardo (Spain)

F235 Acetabular cup placement with imageless navigation - a radiographic evaluation  
Authors: Hohmann, Erik / Tetsworth, Kevin  
Speaker: Hohmann, Erik (Australia)

F236 Acetabular reconstruction with Trabecular Tantalum Augment in Large Bone Defects  
Authors: Grappiolo, Guido / Cattaneo, Gabriele / Traverso, Francesco / Della Rocca, Federico  
Speaker: Grappiolo, Guido (Italy)

F237 Cemented all-polyethylene cups versus uncemented porous coated cups - 10 year results of prospective randomised study.  
Authors: Angadi, Darshan / Brown, Sue / Crawford, Edward  
Speaker: Angadi, Darshan (United Kingdom)

F238 Retrospective results of 200 THA with a Double Mobility acetabular implant  
Authors: Torres, Ana / Laffosse, Jean Michel / Molinier, Francois / Puget, Jean  
Speaker: Torres, Ana (Spain)

F239 Long-term Polyethylene Wear Rates in All-polyethylene and Metal-backed Cups in THAs.  
Authors: Van Der Jagt, Dick / Breckon, Anke / Schepers, Anton  
Speaker: Van Der Jagt, Dick (South Africa)

F240 Migration pattern of press fit cups in the presence of stabilizing screws  
Authors: Jäger, Marcus / Zilkens, Christoph / Djalali, Sima / Bittersohl, Bernd / Kraft, Clayton / Krauspe, Rüdiger  
Speaker: Jäger, Marcus (Germany)

14:30 – 16:00

- F241 No peri-prosthetic radiolucency at 10 years around a pure titanium press-fit cup: importance of equatorial fins for initial mechanical stability.  
Authors: Binazzi, Roberto / De Zerbi, Massimo / Vaccari, Vittorio / Bondi, Alice  
Speaker: Binazzi, Roberto (Italy)
- F242 Arc2f acetabular component: sudden onset of rapid and massive polyethylene insert wear in long term observation  
Authors: Macheras, George / Koutsostathis, Stefanos / Papadakis, Stamatios / Galanakos, Spyros / Tsakotos, George  
Speaker: Macheras, George (Greece)

Trauma / polytrauma

FREE PAPER HIP FRACTURES 1 ROOM: N105-106  
Moderators: Thorngren, Karl-Göran (Sweden) / Gil Garay, Enrique (Spain)

- F273 Cannulated screws fixation of femoral neck fracture. A clinical analysis of two different configurations.  
Authors: Lichtenstein, Leonid / Volpin, Gershon / Kirshner, Genadi / Shtarker, Haim / Shachar, Ravid / Kaushanski, Alexander  
Speaker: Volpin, Gershon (Israel)
- F274 A new locking plate and dynamic screw system for internal fixation of intracapsular hip fractures; results for the first 200 patients treated  
Authors: Parker, Martyn  
Speaker: Parker, Martyn (United Kingdom)
- F275 Large Diameter Femoral Head Uncemented Total Hip Replacement To Treat Fractured Neck Of Femur  
Authors: Barnett, Andrew / Burston, Ben / Atwal, Navraj / Gillespie, Gordon / Omari, Abdullah / Squires, Ben  
Speaker: Burston, Ben (United Kingdom)
- F276 Thompson versus Exeter stem hemiarthroplasty for hip fractures: a randomised trial  
Authors: Parker, Martyn / Spurrier, Edward  
Speaker: Spurrier, Edward (United Kingdom) Selected within the best Free Papers
- F277 Proximal femoral fractures: Effect of the surgeon's grade and experience on mortality and re-operation at 6 months  
Authors: Khunda, Aiman / Rookmoneea, M. / Mountain, A. / Hui, A.  
Speaker: Khunda, Aiman (United Kingdom)
- F278 Early pain and function in patients operated with a Sliding Hip Screw or an Intertan nail. A prospective randomized multicentre study.  
Authors: Matre, Kjell / Vinje, Tarjei / Havelin, Leif / Gjertsen, Jan / Furnes, Ove / Espehaug, Birgitte / Fevang, Jonas  
Speaker: Matre, Kjell (Norway)
- F279 Is there an association between mental disorders and infection after operative treatment for hip fracture?.  
Authors: Cano Porras, Juan Ramon / Cruz Ocana, Encarnacion / Diaz Martin, Aurelio / Guerado Parra, Enrique  
Speaker: Cano Porras, Juan Ramon (Spain)
- F280 Prospective follow-up of the living situation of 339 hip fracture patients  
Authors: Vochteloo, Anne / Van Vliet- Koppert, Sabine / Niesten, Dieu Donne / De Vries, Mark / Van Kessel, Mirjam / Pilot, Peter  
Speaker: Vochteloo, Anne (Netherlands)
- F281 Endoprosthetic Replacement (EPR) in the Lower Limb - a reconstructive option following complex trauma  
Authors: Dean, Benjamin / Matthews, Jon / Price, Andrew / Stubbs, David / Whitwell, Duncan / Gibbons, Christopher  
Speaker: Dean, Benjamin (United Kingdom)

Hand/wrist/arm/forearm

FREE PAPER MISCELLANEOUS ROOM: N111-112  
Moderators: Lindau, Tommy (UK) / Dudley, Antonio (Spain)

- F294 Symptom geography in carpal tunnel syndrome.  
Authors: Clark, Damian / Amirfeyz, Rouin / Parsons, Brian / Melotti, Roberto / Bannister, Gordon / Leslie, Ian / Bhatia, Raj  
Speaker: Clark, Damian (United Kingdom)
- F295 Outcome predictors of carpal tunnel syndrome surgery  
Authors: Galasso, Olimpio / Mariconda, Massimo / Iannò, Bruno / Cundari, Arcangela / De Nardo, Pasquale / Gasparini, Giorgio  
Speaker: Galasso, Olimpio (Italy)
- F296 Patient-reported symptoms enabling a diagnosis of motor branch compression in carpal tunnel syndrome  
Authors: Modi, Chetan / Ho, Kevin / Hegde, Vishwajit / Boer, Ronald / Turner, Stephen  
Speaker: Modi, Chetan (United Kingdom)

14:30 - 16:00

F297	Wrist arthrodesis in neurological patients Authors: Llusa-Pérez, Manuel / Morro-Martí, Maria Rosa / Pacha-Vicente, Daniel / Nardi-Vilardaga, Joan / Lluch-Bergadà, Alex / Mir-Bulló, Xavier Speaker: Morro-Martí, Maria Rosa (Spain)
F298	Innervation of the distal interphalangeal joints of the fingers: anatomical and histological study and first clinical application Authors: Fontaine, Christian / Wavreille, Guillaume / Titeca, Marie / Kim, Hee-Jin / Chantelot, Christophe Speaker: Fontaine, Christian (France)
F299	Variants of the extensor indicis Authors: Gaulke, Ralph / Oszwald, Markus / Probst, Christian / Mommsen, Philipp / Klein, Michael / Hildebrand, Frank / Krettek, Christian Speaker: Gaulke, Ralph (Germany)
F300	Delayed foreign body reaction to absorbable implants in metacarpal fracture treatment Authors: Stavridis, Stavros / Savvidis, Panagiotis / Ditsios, Konstantinos / Givissis, Panagiotis / Christodoulou, Anastasios Speaker: Stavridis, Stavros (Greece)
F301	Topographic bone density of humeral head Authors: Abrassart, Sophie / Hoffmeyer, Pierre Speaker: Abrassart, Sophie (Switzerland)
F302	Deformity correction and lengthening with external fixation in the forearm bones discrepancy Authors: Kirienko, Alexander Speaker: Kirienko, Alexander (Italy)

Foot/ankle/leg

FREE PAPER	SURGERY OF HALLUX	ROOM: NEPTUNO
Moderators: Valderrabano, Victor (Switzerland) / de Prado, Mariano (Spain)		
F353	Representation- rehospitalisation following Foot and Ankle surgery. Authors: Rath, Narendra / Guha, Abhijeet / Khurana, Ashish / Hemmadi, Sandeep / Thomas, Rhys / Odoherty, Declan Speaker: Rath, Narendra (United Kingdom)	
F354	Surgeon Administered Regional Blocks for Day-Case Forefoot Surgery Authors: Freeman, Richard / Foote, Julian / Morgan, Samer / Jarvis, Andrew Speaker: Freeman, Richard (United Kingdom)	
F355	Hallux valgus deformity correction by adductor tenotomy, distal Chevron metatarsal osteotomy and Akin phalangeal osteotomy using medial one incision. Authors: Hoseong, Lee / Choi, Young Lak / Park, S. / Jung, J. Speaker: Choi, Young Lak (Korea, Republic of)	
F356	Arthroscopy Operation of the Haglund Heel Authors: Filip, Libor / Stehlik, Jiri / Musil, David / Sadovsky, Pavel Speaker: Filip, Libor (Czech Republic)	
F357	Improving the Scarf osteotomy. Know your limits Authors: O'Briain, David / Flavin, Robert / Kelly, John / Kearns, Stephen Speaker: O'Briain, David (Ireland)	Selected within the best Free Papers
F358	A prospective comparative study of the scarf and the Ludloff osteotomies in the treatment of hallux valgus associated with metatarsus primus varus Authors: Robinson, Andrew / Bhatiw, Maneesh / Bishop, Lucy / Eaton, Catherine Speaker: Robinson, Andrew (United Kingdom)	
F359	Postoperative regimen after Chevron (Austin) osteotomy: A new approach to improve functional outcome. Authors: Schuh, Reinhard / Hofstaetter, Stefan / Krismer, Martin / Trnka, Hans-Joerg Speaker: Schuh, Reinhard (Austria)	
F360	Comparison of a Medial Locking Plate and Compression Screw Construct Versus a Two Crossed Screw Construct for Lapidus Arthrodesis in Hallux Valgus Surgery: A Biomechanical Investigation Authors: Klos, Kajetan / Windolf, Markus / Boyko, Gueorguiev / Schwiager, Karsten / Hofmann, Gunther / Mückley, Thomas Speaker: Klos, Kajetan (Switzerland)	
F361	1st Metatarsal Head Resurfacing in the treatment of Hallux Rigidus; a British perspective Authors: Eyre, Jason / Green, Nicholas / Budgen, Simon Speaker: Green, Nicholas (United Kingdom)	

14:30 - 17:00

Paediatrics

(pre-registration mandatory)

EXMEX AN OVERVIEW OF THE FLATFOOT CONDITION FROM NEWBORN TO ADULT ROOM: N107-108

Organiser: Epeldelgui, Tomas (Spain)

Congenital vertical talus  
Speaker: Epeldelgui, Tomas (Spain)

Flexible flatfoot  
Speaker: Farsetti, Pascuale (Italy)

Stiff flatfoot, "tarsal coalitions"  
Speaker: Møeller-Madsen, Bjarne (Denmark)

Adolescent or adult flatfoot  
Speaker: Viladot, Antonio (Spain)

16:00 - 17:30

Knee osseous

SYMPOSIUM HIGH FLEX KNEE

ROOM: N103

Organiser: Perka, Carsten (Germany)

What is high flex? Design rationale of modern implants  
Speaker: Hofmann, Siegfried (Austria)

Patient selection criteria for high flex implants  
Speaker: Baldini, Andrea (Italy)

Can the PCL be retained?  
Speaker: Matziolis, Georg (Germany)

Evidence for high flex - update 2010  
Speaker: Drobny, Tomas (Switzerland)

Osteoporosis

FREE PAPER OSTEOPOROSIS

ROOM: N113-114

Moderators: Dreinhöfer, Karsten (Germany) / Herrera Rodriguez, Antonio (Spain)

F309 Hemiarthroplasty, cost effective in the treatment of femoral neck fractures in the elderly: A cost utility analysis over 2 years of hemiarthroplasty and internal fixation of displaced femoral neck fractures in 166 patients  
Authors: Frihagen, Frede / Waaler, Gudrun / Madsen, Jan Erik / Nordsletten, Lars / Aspaas, Silje / Aas, Eline / Frihagen, Frede  
Speaker: Waaler, Gudrun (Norway) [Selected within the best Free Papers](#)

F310 Cemented metal backed Acetabular Hip Prosthesis for the Treatment of Fractured Neck of Femur in a Geriatric Population  
Authors: Wilde, Erik / Wind, Susanne / Heinrichs, Gerhard / Schulz, Arndt / Paech, Andreas  
Speaker: Wilde, Erik (Germany)

F311 Enhanced repair with teriparatide of synthesized femoral neck fractures in osteoporotic elderly: new therapeutic perspectives  
Authors: Corradini, Costantino / Zanotta, M. / Malagoli, E. / Elli, A. / Sigismondi, A. / Parravicini, L. / Verdoia, C.  
Speaker: Corradini, Costantino (Italy) [Selected within the best Free Papers](#)

F312 The costs of hemiarthroplasty and internal fixation as treatment of displaced intracapsular femoral neck fractures: 2-year results of a randomized controlled trial in 222 unselected patients over 60 years of age  
Authors: Frihagen, Frede / Waaler, Gudrun / Madsen, Jan Erik / Nordsletten, Lars / Aspaas, Silje / Aas, Eline  
Speaker: Frihagen, Frede (Norway) [Selected within the best Free Papers](#)

F313 Fracture outcome in the Super-Elderly  
Authors: Clement, Nicholas / Aitken, S. / Court-Brown, C.  
Speaker: Clement, Nicholas (United Kingdom) [Selected within the best Free Papers](#)

16:00 - 17:30

- F314 Vesselplasty For Symptomatic Vertebral Compression Fractures: 2-Year Follow-Up From An International Multicentric Study  
Authors: Iundusi, Riccardo / Repmann, Jaqueline / Ferraro, Giovanni / Bruchmann, Bernard / Tempesta, Vilio / Kilian, Francis / Tarantino, Umberto  
Speaker: Iundusi, Riccardo (Italy)
- 
- F315 Association of CER1 Polymorphisms with Osteoporosis in Greek Postmenopausal Women  
Authors: Koromila, Theodora / Dailiana, Z. / Chassanidis, C. / Samara, S. / Michalitsis, S. / Tzavara, C. / Georgoulas, P. / Malizos, K. / Aleporou-Marinou, V. / Kollia, P.  
Speaker: Koromila, Theodora (Greece)
- 
- F316 Comparison of Clinical Outcome, Interdigitation and Cement leakage between Usage of Low and Medium Viscosity PMMA Bone Cement in Percutaneous Vertebroplasty  
Authors: Nieuwenhuijse, Marcus / Muijs, Sander / Van Erkel, Arjen / Dijkstra, Sander  
Speaker: Nieuwenhuijse, Marcus (Netherlands)
- 
- F317 Correlation of bone mineral density measured by DXA with material properties of the femoral neck.  
Author: Anagnostidis, Kleovoulos / Tsouknidas, Alexandros / Michailidis, Nikolaos / Potoupnis, Michael / Bouzakis, K. / Kapetanios, George  
Speaker: Anagnostidis, Kleovoulos (Greece)

16:30 - 17:30

GUEST SESSION

JBJS



HOW TO WRITE A CLINICAL PAPER, HOW TO PREPARE A RESEARCH PAPER, HOW TO REVIEW A PAPER. ROOM: N111-112

Organiser: Scott, James (UK)

How to write a paper

Speaker: Horan, Frank (UK)

How to review a paper

Speaker: Scott, James (UK)

Reviewing and getting papers published

Speaker: Hoffmeyer, Pierre (Switzerland)

Foot/ankle/leg

IL PAINFUL FLATFOOT

ROOM: NEPTUNO

Moderator: Maffulli, Nicola (UK)

Lecturer: Valderrabano, Victor (Switzerland)

General Orthopaedic/complications/basic science/technology

SYMPOSIUM WHAT'S NEW IN TRIBOLOGY?

ROOM: N101-102

Organisers: Fisher, John (UK) / Hendrich, Christian (Germany)

Metal/metal

Speaker: Rieker, Claude (Switzerland)

Ceramics/ceramics

Speaker: Pandorf, Thomas (Germany)

XPE

Speaker: Streicher, Robert (Switzerland)

Ceramics/metal

Speaker: Issac, Graham (UK)

16:30 - 18:30

GUEST SESSION

ARTOF

ASSOCIATION FOR NATIONAL EXCELLENCE OF TRAUMATOLOGY

ARTOF

**DISTAL TIBIA AND ANKLE JOINT FRACTURES**

ROOM: N104

**Organiser: Biberthaler, Peter (Germany)**

Diagnostic and conservative treatment distal tibia and ankle  
Speaker: Waddell, James P. (Canada)

Distal tibia: Nailing  
Speaker: Ruecker, Andreas (Germany)

Distal tibia: ORIF conventional & locking plates  
Speaker: Keating, John (UK)

Ankle: ORIF conventional & locking plates  
Speaker: Patel, A.D. (UK)

Salvage procedures: Ex fix: AO, Ilizarov, Taylor Frame and Arthrodesis: Techniques and results  
Speaker: Ruchholtz, Steffen (Germany)

**General Orthopaedic/complications/basic science/technology**

**SYMPOSIUM VENOUS THROMBOEMBOLISM (VTE)**

MAIN AUDITORIUM

**Organiser: Atkins, Roger M. (UK)**

Thromboprophylaxis: The evidence problems  
Speaker: Atkins, Roger M. (UK)

The mechanism of action of chemical prophylaxis  
Speaker: Machin, Samuel J (UK)

The clinical effect of active thromboprophylaxis  
Speaker: Haddad, Fares (UK)

The problems of active thromboprophylaxis  
Speaker: Fiddian, Nick (UK)

The case for extended prophylaxis  
Speaker: McBride, Don (UK)

Fractured neck of femur  
Speaker: Peidro, Luis (Spain)

Risk assessment and background prophylaxis  
Speaker: Kincaid, Robin (UK)

Discussion

**Trauma / polytrauma**

**FREE PAPER HIP FRACTURES 2**

ROOM: N105-106

**Moderators: Wirtz, Dieter (Germany) / Gil Garay, Enrique (Spain)**

F282 Proximal Femoral Nail Antirotation System: Concept to Clinical Experience

Authors: Jayakumar, Prakash / Tibrewal, Saket / Prime, Matthew / Basu, Indraniel / Sriranganathan, Ragavan / Vemulapalli, Krishna / Banan, Homayoon  
Speaker: Jayakumar, Prakash (United Kingdom) Selected within the best Free Papers

F283 Trochanteric Nail with a single 9 mm rotationally unlocked hip screw and a distal dynamically locked screw allowing more than 10 mm of proximal sliding for the treatment of AO/OTA 31-A3 fractures. A prospective clinical study of 57 cases

Authors: Peinado, Armando / Princep, Alfons / Gibert, Marcel / Bertran, Conrad  
Speaker: Peinado, Armando (Spain)

F284 PFN versus pfna in treatment of trochanteric femoral fractures: a prospective study

Authors: Mora, Ana / Marimon, Isidro / Rius, Miquel / Brill, Werner / Corral, Antonio / Gaya, Sergio / Corbi, Fernando  
Speaker: Mora, Ana (Spain)

16:30 - 18:30

F285	Intramedullary versus extramedullary fixation for transtrochanteric fractures of the proximal femur: a randomised trial Authors: Parker, Martyn Speaker: Parker, Martyn (United Kingdom)
F286	Reverse oblique intertrochanteric femoral fractures treated with the Intramedullary Hip Screw (IMHS) Authors: Chou, Daud / Taylor, Andrew / Boulton, Chris / Moran, Christopher Speaker: Chou, Daud (United Kingdom)
F287	The Proximal Femoral Nail Antirotation System: A versatile option in femoral fracture fixation Authors: Jayakumar, Prakash / Tibrewal, Saket / Prime, Matthew / Sriranganathan, Ragavan / Basu, Indraniel / Vemulapalli, Krishna / Banan, Homayoon Speaker: Jayakumar, Prakash (United Kingdom)
F288	Non-concentric reduction following simple hip dislocations as an indicator of intra articular loose bodies - A prospective study of 117 dislocations. Authors: Karuppaiah, Karthik / Sundararajan, Sr / Dheenadhayalan, J. / Rajasekaran, S. Speaker: Karuppaiah, Karthik (United Kingdom)
F289	Internal Fixation of Hip Fractures – Causes of Failure and Outcome of Salvage Hip Arthroplasty Authors: Leonard, Michael / Uthmann, Alao / Glynn, Aaron / Dolan, Mark Speaker: Leonard, Michael (Ireland)
F290	New fixation method for surgical treatment of osteoporotic fractures of the femur Authors: Mitkovic, Milorad / Milenkovic, Sasa / Micic, Ivan / Desimir, Mladenovic / Mitkovic, Milan Speaker: Mitkovic, Milorad (Serbia and Montenegro)
F291	Three Different Interlocking Intra-medullary Nails for Unstable Reverse Oblique Inter-Trochanteric Fractures: A Biomechanical Comparative Study of Loading to Failure. Author: Vannet, Nicola / Evans, Sam / Mohanty, Khitish Speaker: Vannet, Nicola (United Kingdom)
F292	Intramedullary nailing is superior to the dynamic hip screw in pertrochanteric hip fractures with a fractured greater trochanter Author: Palm, Henrik / Lysén, Charlotte / Krashennnikoff, Michael / Holck, Kim / Jacobsen, Steffen / Gebuhr, Peter Speaker: Palm, Henrik (Denmark)
F293	The importance of the tip-apex distance in pertrochanteric femoral fractures. Author: Sánchez Monzó, Carlos / Barra Pla, Amariel / Sánchez Marchori, Carlos / Granell González, José / Hartinger Remolina, Julio Speaker: Sánchez Monzó, Carlos (Spain)

Selected within the best Free Papers

## Infection

### FREE PAPER RISK FACTORS AND PROPHYLAXIS

ROOM: COLON

Moderators: Stuyck, Jose (Belgium) / Flores, Xavier (Spain)

F342	Stemming the Tide of Infection. Pre-operative assessment, Ringfencing and the control of Methicillin Resistant Staphylococcus Aureus Authors: Kelly, John / O'Briain, David / Walls, Raymond / Lee, Sung / O'Rourke, Ann / Mc Cabe, John Speaker: Kelly, John (Ireland)
F343	Risk factors for infection in hip arthroplasty: a case-control study Authors: Cordero-Ampuero, José / De Dios-Pérez, Marisol / Martín-García, Raquel / Martínez-Vélez, David / Noreña-González, Ignacio / De Los Santos-Real, Raúl Speaker: De Dios-Pérez, Marisol (Spain)
F344	Association of age and infection after operative treatment for hip fracture. Authors: Cruz Ocana, Encarnacion / Diaz Martin, Aurelio / Cano Porras, Juan / Guerado Parra, Enrique Speaker: Cruz Ocana, Encarnacion (Spain)
F345	Hip Fracture Antibiotic Prophylaxis: 3 Dose Cefuroxime Regime Versus Single Dose Gentamicin and Amoxicillin. Authors: Jeavons, Richard / Siddiqui, Bobby / Jettoo, Prithee / Berrington, Andrew / Dixon, Paul / O'Briain, Shaun Speaker: Siddiqui, Bobby (United Kingdom)
F346	Genetic factors predisposing to bone fracture non-union. A role of single point mutation Asp299Gly TLR4 on pathogen - evoked healing Authors: Szczesny, Grzegorz / Olszewski, Waldemar / Swoboda -Kopec, Ewa / Zagozda, Malgorzata / Czapnik, Zanetta / Interewicz, Bozenna / Stachyra, Emilia / Maziarz, Monika / Gorecki, Andrzej Speaker: Szczesny, Grzegorz (Poland)

Selected within the best Free Papers

16:30 – 18:30

F347	Effects of Single Dose Prophylactic Gentamicin and 'Fast-Track' Peri-Operative Care on Post-Operative Renal Function in Primary Hip and Knee Arthroplasty Authors: Jensen, Cyrus / Houghton, Ben / Bull, Damian / Reed, Mike / Muller, Scott Speaker: Jensen, Cyrus (United Kingdom)
F348	Reduction of Deep Spinal Surgical Infection Rates by over 50% at the National Trauma Spinal Unit of Ireland Authors: Lui, Darren / Baker, Joe / Devitt, Brian / Kiely, Paul / Synnott, Keith / Poynton, Ashley Speaker: Lui, Darren (Ireland)
F349	Risk factors for infection in knee arthroplasty: a case-control study Authors: Cordero-Ampuero, José / De Dios-Pérez, Marisol / Bustillo-Badajoz, Javier / González-Fernández, Enrique / García-Araujo, Carlos / De Los Santos-Real, Raúl Speaker: De Dios-Pérez, Marisol (Spain)
F350	How Much Delay is acceptable in Incision & Drainage of an Infected Arthroplasty? "7 Day Rule" Authors: Jaber, Fereidoon Speaker: Jaber, Fereidoon (Iran, Islamic Republic of)
F351	Orthopaedic Antimicrobial Prophylaxis in the United Kingdom Author: Aujla, Randeep / Pysakhova, Elena / Gulihar, Abhinav / Taylor, Grahame Speaker: Aujla, Randeep (United Kingdom)
F352	Surgical treatment of pyogenic and tuberculous spondylodiscitis with or without instrumentation. Author: Alvarez Gonzalez, Patricia / Pizones-Arce, Javier / Zúñiga-Gómez, Lorenzo / Sanchez-Mariscal, Felisa / Gómez-Rice, Alejandro / Izquierdo-Núñez, Enrique Speaker: Alvarez Gonzalez, Patricia (Spain)

17:30 – 18:30

GUEST SESSION

EPOS



BENIGN BONE TUMOURS

ROOM: N107-108

Organiser: Epeldelgui, Tomas (Spain)

Osteoid Osteoma

Speaker: Kaelin, André (Switzerland)

Enchondromatosis in children's

Speaker: Lascombes, Pierre (France)

Multiple hereditary Exostoses

Speaker: Epeldelgui, Tomas (Spain)

Knee osseous

IL HOW TO TREAT LARGE BONE DEFECTS IN REVISION TKR

ROOM: N103

Moderator: Montserrat, Ferran (Spain)

Lecturer: Bégué, Thierry (France)

Hand/wrist/arm/forearm

IL SCAPHOID FRACTURES: DIAGNOSIS AND MANAGEMENT

ROOM: N111-112

Moderator: Lindau, Tommy (UK)

Lecturer: Botelho, Jose Carlos (Portugal)

Spine (incl. Trauma)

IL THE RHEUMATIC CERVICAL SPINE

ROOM: N113-114

Moderator: Barysh, Alexander (Ukraine)

Lecturer: Klezl, Zdenek (UK)

17:30 - 18:30

General Orthopaedic/complications/basic science/technology

FREE PAPER TRIBOLOGY – MEET THE EXPERTS

ROOM: N101-102

Moderators: Siebert, Werner (Germany) / Toni, Aldo (Italy) / Gomez-Barrena, Enrique (Spain) / Milosev, Ingrid (Slovenia)

- |      |                                                                                                                                                                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F503 | Metal ion release in large diameter head total hip arthroplasty versus hip resurfacing system. Effect of modularity and design of the implants.<br>Authors: Vendittoli, Pascal André / Amzica, Traian / Roy, Alain / Girard, Julien / Laffosse, Jean-Michel / Lavigne, Martin<br>Speaker: Vendittoli, Pascal André (Canada)            |
| F408 | Ex Vivo Stability Loss of Highly Cross linked Ultra-high Molecular Weight Polyethylene (UHMWPE) Acetabular Liners<br>Authors: Wannomae, Keith / Rowell, Shannon / Micheli, Brad / Malchau, Henrik / Muratoglu, Orhun<br>Speaker: Muratoglu, Orhun (United States)                                                                      |
| F700 | Functional and clinical outcome of cementless primary arthroplasty of the hip using large diameter ceramic bearing couples<br>Authors: Raman, Raghu / Johnson, G. / Sharma, H. / Gopal, S. / Shaw, Chris<br>Speaker: Raman, Raghu (United Kingdom)                                                                                     |
| F394 | The Role of Acetabular Component Positioning in the Development of Inflammatory Pseudotumours<br>Authors: Grammatopoulos, George / Langton, David / Kwon, Young-Min / Pandit, Hemant / Gundle, Roger / Mclardy-Smith, Peter / Whitwell, Duncan / Murray, David / Gill, Harinderjit<br>Speaker: Grammatopoulos, George (United Kingdom) |

Foot/ankle/leg

FREE PAPER ANKLE AND HINDFOOT

ROOM: NEPTUNO

Moderators: Maffulli, Nicola (UK) / Viladot, Antonio (Spain)

- |      |                                                                                                                                                                                                                                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F362 | Ankle arthrodesis, biomechanical analysis<br>Authors: Martinez De Albornoz, Pilar / Moya -Angeler, Joaquin / Fuentes, Adela / Forriol, Francisco<br>Speaker: Martinez De Albornoz, Pilar (Spain)                                                 |
| F363 | Plantar pressure distribution after tibiotalar arthrodesis<br>Authors: Schuh, Reinhard / Hofstaetter, Stefan / Kristen, Karl / Trnka, Hans<br>Speaker: Schuh, Reinhard (Austria)                                                                 |
| F365 | Weil osteotomy vs its percutaneous variation for metatarsalgia<br>Authors: Castro, Jesus / Aparicio, Pilar / Casellas, Gemma / Abarca, Javier / Matas, Mariano / Alberti, Gloria<br>Speaker: Castro, Jesus (Spain)                               |
| F366 | Custom-made talar component in primary young patients and total ankle replacement revision. Short term results<br>Authors: Noriega, Fernando / Villanueva, Patricia / Moracia, Inmaculada / Martinez, Jose<br>Speaker: Noriega, Fernando (Spain) |
| F367 | Outcomes and patient satisfaction after hindfoot arthrodesis for rheumatoid arthritis.<br>Authors: Ohly, Nicholas / Gunner, Charlotte / Macdonald, Deborah / Breusch, Steffen<br>Speaker: Ohly, Nicholas (United Kingdom)                        |

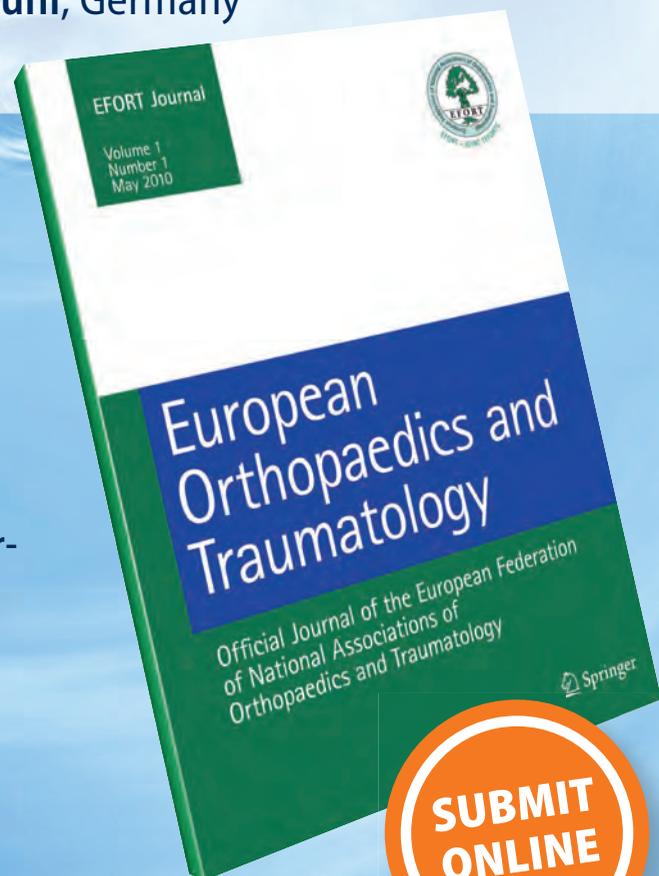
# New Journal

# European Orthopaedics and Traumatology

Official Journal of EFORT

Editor-in-Chief: **Wolfhart Puhl**, Germany

- ▶ A new communications channel connecting societies of EFORT, and their members
- ▶ Each issue centers on a specific topic
- ▶ Presents high-quality peer-reviewed research papers
- ▶ 6 issues per year



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Room	Hall 9	Main Auditorium Ground Floor	N101-102 1st Floor	N103 1st Floor	N104 1st Floor	N105-106 1st Floor	N107-108 1st Floor	N111-112 1st Floor	
		Charity run 7.00 am							
Hour									
8:00									
8:30	Industry Exhibition open	Conservative surgery Hip Free Papers	Asamblea SECOT SECOT 	What is new in articular cartilage repair? ESSKA Guest Session	Elective orthopaedic surgery in the light of global recession General Orthopaedics Symposium	Proximal humerus fractures Shoulder/Elbow Free Papers	Trauma/knee Paediatrics Free Papers	Distal radius fracture Hand/Wrist Free Papers	
9:00							Spine Paediatrics Free Papers		
9:30									
10:00									
10:30			Break						
11:00			Surgical and non-surgical treatments in tumour care in Europe. Metastasis bone diseases Bone and joint tumours Plenary Session						
11:30									
12:00									
12:30									
13:00				OrthoQuizz: Interactive prescription on knee and ankle Tornier Satellite Symposium	Metal sensitivity. A reduced wear, metal free solution for total knee arthroplasty LIMA Corporate Satellite Symposium	Start: 13.15 H Cementing the benefits of oral anticoagulants in orthopaedic practice Pfizer LTD Satellite Symposium	Advances in hand surgery: New perspectives in Dupuytren's contracture Pfizer LTD Satellite Symposium	ACI: Identifying the ideal candidate TiGenix Satellite Symposium	1970-2010, in a changing world... there are sure values Ceraver Satellite Symposium
13:30									
14:00									
14:30		Revision THA Hip Free Papers	How to improve results in ACL reconstruction. (In cooperation with ESSKA) Sports/Knee soft tissue Symposium	Extensor mechanism complications after TKA Knee Osseous Instructional Lecture	Miscellaneous General Orthopaedics Free Papers	Difficult humerus proximal fracture Shoulder/Elbow Symposium	New trends in SCFE Paediatrics Symposium	Foot EFOST Guest Session	
15:00				Unicondylar knee arthroplasty Knee Osseous Instructional Lecture					
15:30									
16:00		Break				Break			
16:30		THA short & medium term results Hip Free Papers	Grupo de Ayuda a proyectos de cooperación Grupo de estudio Español 	TKA in extra-articular deformities Knee Osseous Instructional Lecture	Break	Massive tears of the rotator cuff Shoulder/Elbow Instructional Lecture	Asia - Latin America EFORT Symposium	Bicycling EFOST Guest Session	
17:00					Meniscus Sports/Knee soft-tissue Free Papers				
17:30		THA long term results Hip Free Papers		Instability after TKR Sports/Knee soft-tissue Instructional Lecture		Carpal trauma Hand/Wrist Free Papers			
18:00									
18:30									

IL = Instructional Lecture    CCD = Controversial Case Discussion    ExMEx = Experts meet Experts

GENERAL ORTHOPAEDICS   
  UPPER LIMB   
  LOWER LIMB   
  SPINE

N113-114 1st Floor	N115-116 1st Floor	Colon 2nd Floor	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor	Room	
				SECOT sesiones en castellano (a partir de 11:00)			
						Hour	
						8:00	
Whiplash Spine Symposium	Complex case controversies in primary and revision total knee arthroplasty Knee Osseous CCD	Comprehensive Review Course  Pre-registration required  <b>Sold out</b>	Lower Extremities Lower limb Free Papers 3 min.	Orthopaedics in the 3rd World General Orthopaedics Symposium	THA surgical approaches Hip Free Papers	8:30	
						9:00	
						9:30	
						10:00	
						10:30	
						11:00	
						11:30	
						12:00	
						12:30	
- The ASI approach - Pathway to rapid recovery in THA Biomet Satellite Symposium	Natural nail™: Introduction and first clinical experience Zimmer GmbH Satellite Symposium		Ankle sprains and instability EFAS/SEMCPT Guest Session	Presentación de casos problemas SEFEX Sociedad	Tendón rotuliano y deporte SETRADE Sociedad	Varios Cadera Comunicaciones SECOT	12:30
		13:00					
						13:30	
						14:00	
Posttraumatic infection Infection CCD	A bouquet of approaches to cartilage repair ICRS Guest Session	Miscellaneous Foot/Ankle Free Papers	Sequellae of severe foot injuries Foot /Ankle ExMEx	Varios Hombro/codo Comunicaciones SECOT	Fracturas Cadera Comunicaciones SECOT	14:30	
						15:00	
						15:30	
						16:00	
						16:30	
THA metal on metal Hip Free Papers	Metastasis in the pelvic region Bone and joint tumours Symposium	Break		Reunión del GEC GEC Grupo de estudio Español	Complicaciones en el manejo de los tumores óseos GRETAL Grupo de estudio Español	16:30	
		17:00					
						17:30	
						18:00	
						18:30	

FRIDAY  
4 JUNE

08:30 - 09:30

Paediatrics

FREE PAPER TRAUMA/KNEE ROOM: N107-108

Moderators: Hagglund, Gunnar (Sweden) / Cassiano Neves, Manuel (Portugal)

- F473 Pediatric Extra-Articular Distal Radius Fractures Long Term Outcome  
Authors: Kamminga, Sjoerd / Doornberg, Job / Lindenhovius, Anneluuk / Bolmers, Annelies / Goslings, J. / Ring, David / Kloen, Peter  
Speaker: Kamminga, Sjoerd (Netherlands)
- F474 How to minimize Complications in the Treatment of Pediatric Radial Neck Fractures  
Authors: Eberl, Robert / Fruhmann, Johanna / Singer, Georg / Weinberg, Annelie / Castellani, Christoph / Hoellwarth, Michael  
Speaker: Eberl, Robert (Austria)
- F476 ACL reconstruction in skeletally immature athletes by complete transphyseal technique. Short term prospective evaluation of results  
Authors: Domzalski, Marcin / Karauda, Anna / Synder, Marek  
Speaker: Domzalski, Marcin (Poland)
- F477 Outcomes of medial patello-femoral ligament reconstruction for patellar instability in children and adolescent. Objective assessment with CT scans and preliminary results  
Authors: Viste, Anthony / Chaker, Mourad / Courvoisier, Aurélien / Pernin, Jérôme / Bérard, Jérôme / Chotel, Franck  
Speaker: Viste, Anthony (France)
- F478 Lateral Discoid Meniscus in children  
Authors: Marchesini Reggiani, Leonardo / Stilli, Stefano / Donzelli, Onofrio  
Speaker: Marchesini Reggiani, Leonardo (Italy)

08:30 - 10:00

General Orthopaedic/complications/basic science/technology

SYMPOSIUM ELECTIVE ORTHOPAEDIC SURGERY IN THE LIGHT OF GLOBAL RECESSION ROOM: N104

Organisers: Fokter, Samo (Slovenia) / Giles, Miguel Angel (Spain)

Impact of the global recession on the orthopaedic health care. Is the worse still to come?

Speaker: Kovac, Simon (Slovenia)

Influence of global recession on joint replacement and arthroscopic reconstruction

Speaker: Cicak, Nikola (Croatia)

Traumatology and orthopaedic surgery today: Future challenges for the industry

Speaker: Gonzales de Mendoza, José Maria (Spain)

Spine (incl. Trauma)

SYMPOSIUM WHIPLASH ROOM: N113-114

Organiser: Villas Tome, Carlos (Spain)

Incidence, economical impact and management of whiplash injury in Ukraine

Speaker: Barysh, Alexander (Ukraine)

Defining injuries in whiplash syndrome

Speaker: Korres, Dimitrios (Greece)

Incidence, economical impact and management of whiplash injury in Spain

Speaker: Combalia, Andres (Spain)

Whiplash injury and work compensation

Speaker: Cruz-Conde, Rafael (Spain)

08:30 – 10:00

**Knee osseous**

**CCD COMPLEX CASE CONTROVERSIES IN PRIMARY AND REVISION TOTAL KNEE ARTHROPLASTY ROOM: N115-116**  
Organiser: Neyret, Philippe (France)

TKA after malunion  
Speaker: Neyret, Philippe (France)

Difficult revision TKA  
Speaker: Becker, Roland (Germany)

TKA in lax knees  
Speaker: Montserrat, Ferran (Spain)

**Hip**

**FREE PAPER THA SURGICAL APPROACHES ROOM: N118**  
Moderators: Graves, Stephen (Australia) / Llopis, Rafael (Spain)

- F401 Minimal invasive anterolateral total hip arthroplasty  
Authors: Bostan, Bora / Sen, Cengiz / Gune, Taner / Erdem, Mehmet / Aytekin, Kursat / Erkorkmaz, Unal  
Speaker: Bostan, Bora (Turkey)
- F402 Randomized Trial of ABG II Bipolar Hip Arthroplasty via a Less Invasive Anterior vs a Watson Jones approach  
Authors: Renken, Felix / Schulz, Arndt / Renken, Svenja / Unger, Andreas / Paech, Andreas  
Speaker: Renken, Felix (Germany)
- F403 Minimally Invasive versus Classical Procedures for Posterolateral and Anterolateral Approaches in Total Hip Arthroplasty. A randomized, double-blinded trial  
Authors: Goosen, Jon / Kollen, Boudewijn / Castelein, René / Kuijpers, Bart / Verheyen, Cees  
Speaker: Goosen, Jon (Netherlands)
- F404 Less invasive total hip arthroplasty (LI-THA) – A study of 1004 primary THA and 36 THA-revisions in modified technique  
Authors: Prietzel, Torsten / Farag, Mohamed / Petermann, Martin / Von Salis-Soglio, Georg  
Speaker: Prietzel, Torsten (Germany)
- F405 New Three Dimensional Preoperative Planning software with Digital X-ray and CT for Total Hip Arthroplasty  
Authors: Tsuji, Koji / Hirakawa, Kazuo / Tatsumi, Ichiro / Tsukamoto, Riichiro / Kaneko, Takeshi / Matsuda, Yoshikazu  
Speaker: Tsuji, Koji (Japan)
- F406 The complex transition of the proximal femur in the very elderly.  
Authors: Boymans, Tim / Heyligers, Ide / Grimm, Bernd  
Speaker: Boymans, Tim (Netherlands)
- F407 A novel technique for studying proximal femoral bone morphology for hip implant design  
Authors: Wuestemann, Thies / Bastian, Adam / Schmidt, Walter / Cedermark, Craig / Streicher, Robert / Parvizi, Javad / Rothman, Richard  
Speaker: Wuestemann, Thies (United States)
- F409 A cadaver study validating CT assessment of acetabular component orientation: The Perth CT Hip Protocol  
Authors: Harvie, Paul / Fletcher, Tim / Morrison, David / Day, Robert / Sloan, Karen / Beaver, Richard  
Speaker: Beaver, Richard (Australia)

08:30 - 10:30

GUEST SESSION

ESSKA



WHAT IS NEW IN ARTICULAR CARTILAGE REPAIR?

ROOM: N103

**Organiser: Madry, Henning (Germany)**

News from the basic science of articular cartilage repair  
Speaker: Peretti, Guisepe (Italy)

The subchondral bone in articular cartilage repair  
Speaker: Madry, Henning (Germany)

Scaffolds for articular cartilage repair  
Speaker: Kon, Elisaveta (Italy)

Treatment of articular cartilage defects in the ankle  
Speaker: Van Dijk, Niek (Netherlands)

General Orthopaedic/complications/basic science/technology

SYMPOSIUM ORTHOPAEDICS IN THE 3RD WORLD

ROOM: N117

**Organisers: Radler, Christof (Austria) / Wurnig, Christian (Austria)**

How to establish a project  
Speaker: Radler, Christof (Austria)

Clubfoot programme according to the Ponsetti method in Mali  
Speaker: Radler, Christof (Austria)

Developing orthopaedic surgery in Ghana  
Speaker: Rompa, Paul (Netherlands)

Experience of 9 month in Kongo as a member of "doctors without borders"  
Speaker: Girkingner, Karin (Austria)

Operations arthroscopy, a programme to develop arthroscopy in Cuba  
Speaker: Wurnig, Christian (Austria)

Pitfalls in third world orthopaedics

Hip

FREE PAPER CONSERVATIVE SURGERY

MAIN AUDITORIUM

**Moderators: Hutchison, James D. (Scotland) / Ribas, Manuel (Spain)**

F368 Symptomatic acetabular retroversion: Mean 10 year follow up after treatment with periacetabular osteotomy  
Authors: Büchler, Lorenz / Schaller, Claudio / Bastian, Johannes / Keel, Marius / Siebenrock, Klaus  
Speaker: Büchler, Lorenz (Switzerland)

F369 Cross-over sign after rotational acetabular osteotomy for dysplasia of the hip  
Authors: Yasunaga, Yuji / Yamasaki, Takuma / Hamaki, Takanari / Yoshida, Tomokazu / Oshima, Seigo / Hori, Junji / Yamasaki, Keiichiro / Ochi, Mitsuo  
Speaker: Yasunaga, Yuji (Japan)

F370 Inter-observer reliability of an arthroscopic hip mapping system  
Authors: Griffin, Damian / Karthikeyan, Shanmugam  
Speaker: Griffin, Damian (United Kingdom)

F371 Functional outcome of arthroscopic management of CAM type FAI  
Authors: Konan, Sujith / Haddad, Fares  
Speaker: Konan, Sujith (United Kingdom)

F372 Arthroscopic femoral osteochondroplasty for cam lesions with isolated acetabular chondral damage  
Authors: O'donnell, John / Haviv, Barak / Singh, Parminder  
Speaker: Singh, Parminder

F373 The ribas mini open procedure for the treatment of femoroacetabular impingement. Midterm results in 117 consecutive cases  
Authors: Bellotti, Vittorio / Ribas, Manuel / Ledesma, Ruben / Cardenas, Carlomagno / Marin, Oliver / Vilarrubias, Jose Maria / Caceres, Enric  
Speaker: Ribas, Manuel (Spain)

08:30 – 10:30

- F374 Surgical dislocation of the hip for the treatment of femoroacetabular impingement in professional athletes  
Authors: Naal, Florian / Miozzari, Hermes / Wyss, Tobias / Nötzli, Hubert  
Speaker: Miozzari, Hermes (Switzerland)
- F375 Hip Surgical Dislocation to treat femoroacetabular impingement – 3 years follow up  
Authors: Rego, Paulo / Costa, Jose / Lopes, Graca / Spranger, Andre / Monteiro, Jacito  
Speaker: Rego, Paulo (Portugal)
- F376 5-Year Follow-Up of Surgical Dislocation of the Hip for the Treatment of Femoroacetabular Impingement  
Authors: Steppacher, Simon / Hümmer, Carmen / Kakaty, Diganta / Siebenrock, Klaus / Tannast, Moritz  
Speaker: Steppacher, Simon (Switzerland)
- F377 Results of microfracture for acetabular chondral defects after second look arthroscopy  
Authors: Karthikeyan, Shanmugam / Griffin, Damian  
Speaker: Karthikeyan, Shanmugam (United Kingdom)
- F378 Histological changes of the labrum in coxarthrosis.  
Authors: Domzalski, Marcin / Synder, Marek / Karauda, Anna / Papierz, Wielislaw  
Speaker: Domzalski, Marcin (Poland)
- F379 Superelastic Cage Implantation  
Author: Wang, Yan / Chai, Wei / Wang, Zhi-Gang / Zhou, Yong-Gang / Zhang, Guo-Qiang / Chen, Ji-Ying  
Speaker: Wang, Yan (China)

Shoulder/elbow/arm/forearm

FREE PAPER PROXIMAL HUMERUS FRACTURES

ROOM: N105-106

Moderators: Lambert, Simon (UK) / Torrens, Carlos (Spain)

- F431 A comprehensive Classification of proximal humeral fractures – "HGLS Classification"  
Authors: Sukthankar, Atul / Leonello, Dominik / Ding, Gordon / Sandow, Michael  
Speaker: Sukthankar, Atul (Switzerland)
- F432 Impact of non-displaced proximal humeral fractures on the upper-extremity function and patient's subjective perception of health.  
Authors: Morcillo, Diana / Calvo, Emilio / Osorio, Fernando / Redondo, Enrique / Herrera, Antonio  
Speaker: Morcillo, Diana (Spain)
- F433 Functional and quality of life outcome about proximal humeral fractures conservatively treated  
Authors: Santana, Fernando / Torrens, Carlos / Corrales, Mónica / Vilá, Gemma / Caceres, Enric  
Speaker: Santana, Fernando (Spain)
- F434 Elastic intramedullary osteosynthesis of proximal humeral fractures in the elderly – Helix Wire technique  
Authors: Pinheiro, Luís / Amaral, Pedro / Soares, Renato / Soares, Luís / Carneiro, Fernando / Simões, Manuel  
Speaker: Pinheiro, Luís (Portugal)
- F435 Open versus minimally invasive locking plate technique for proximal humerus fractures. A prospective multicenter study.  
Authors: Röderer, Götz / Erhardt, Johannes / Kuster, Markus / Vegt, Paul / Bahrs, Christian / Feraboli, Franco / Kinzl, Lothar / Gebhard, Florian  
Speaker: Röderer, Götz (Germany)
- F436 Proximal humerus fractures. Surgical treatment with locking plate, searching a protocol.  
Authors: Pérez López, Laura Montserrat / Serra, Ramon / Abancó, Josep / Camí, Joan / Montesinos, Jesús / Arnau, Anna / Macià, Narcís  
Speaker: Pérez López, Laura Montserrat (Spain)
- F437 Radiological analysis of the success and failure of proximal humeral locking plates  
Authors: Jacob, Josh / Aurakzai, Kamran / Yousaf, Sohail / Young, James / Patel, Vipul  
Speaker: Jacob, Josh (United Kingdom)
- F438 Complications in Proximal Humeral Fractures Treated With Locked Plate Fixation  
Authors: Aksu, Neslihan / Aslan, Omer / Gogus, Abdullah / Kara, Ayhan / Isiklar, Zekeriya  
Speaker: Aksu, Neslihan (Turkey)
- F439 Hemiarthroplasty For Complex Fractures Of The Proximal Humerus Outcomes Evaluation Based On Functional Results And Patient Satisfaction  
Authors: Merino, Ignacio / Almaraz, Miguel / Calvo, Emilio / Morcillo, Diana / Gonzalez, Lucia  
Speaker: Merino, Ignacio (Spain)
- F440 Failure modes of suture repair of the tuberosities in hemi-arthroplasty for four part fracture of the shoulder.  
Author: Borowsky, Keith / Raghuprasad, Vell / Wear, Lara / Stevenson, Tom / Marsden, Nick / Trent, Neil / Bennett, Adam  
Speaker: Borowsky, Keith (United Kingdom)

08:30 – 10:30

- F441 Resistant non union of humerus treated by adjonction of BMP Prospective continue monocentric study  
Author: Obert, Laurent / Couesmes, Aurélien / Lepage, Daniel / Gindraux, Florelle / Garbuio, Patrick  
Speaker: Obert, Laurent (France)
- F442 Shoulder arthrodesis in braquial plexus palsy – what's the optimal position?  
Author: Sousa, Ricardo / Pereira, Alexandre / Massada, Marta / Freitas, Daniel / Claro, Rui / Ramos, Joaquim / Trigueiros, Miguel / Lemos, Rui / Silva, César  
Speaker: Sousa, Ricardo (Portugal)

Hand/wrist/arm/forearm

FREE PAPER DISTAL RADIUS FRACTURE ROOM: N111-112  
Moderators: Kopylov, Philippe (Sweden) / Llusá Pérez, Manuel (Spain)

- F486 Epidemiology and Outcome of Distal Radius Fractures  
Authors: Molyneux, Samuel / Tan, Ming / McQueen, Margaret  
Speaker: Molyneux, Samuel (United Kingdom)
- F487 The relationship between distal radius fracture malunion and arm-related disability: A prospective population-based cohort study with a 2-year follow-up  
Authors: Brogren, Elisabeth / Hofer, Manfred / Petranek, Michael / Wagner, Philippe / Dahlin, Lars / Atroshi, Isam  
Speaker: Brogren, Elisabeth (Sweden)
- F488 The Functional Outcome after Distal Radius Fracture.  
Authors: Cowie, Jonathan / Elton, Rob / McQueen, Margaret  
Speaker: Cowie, Jonathan (United Kingdom)
- F489 Treatment of Intra-Articular Distal Radius Fractures: Long Term Outcome of AO Type B versus AO Type C Fractures  
Authors: Luiten, Willem / Bolmers, Annelies / Doornberg, Job / Brouwer, Kim / Goslings, J. / Ring, David / Kloen, Peter  
Speaker: Luiten, Willem (Netherlands)
- F490 Classification and management of intra-articular fractures of the distal radius by preoperative CT scanning  
Authors: Kuroyanagi, Gen / Takada, Naoya / Yamada, Kunio / Suzuki, Hiroyuki / Hasuo, Takaaki / Nishino, Masahiro  
Speaker: Kuroyanagi, Gen (Japan)
- F491 Volar locking plates in distal radial fractures – a retrospective study in 68 patients  
Authors: Tägil, Magnus / Mrkonjic, Ante / Kopylov, Philippe / Vandrare, Cato / Abramo, Antonio  
Speaker: Tägil, Magnus (Sweden)
- F492 MRI or CT arthrography for the investigation of shoulder instability? Which is the better modality?  
Authors: Sivardeen, Zeili / Ajmi, Qasim / Thiagarajah, S. / Stanley, D. / Khan, I.  
Speaker: Ajmi, Qasim (United Kingdom)
- F493 Distal radial fractures – analysis of predictors of outcome of distal radial volar locking plating  
Authors: Brown, Craig / Henry, Margaret / Page, Richard  
Speaker: Brown, Craig (Australia)
- F494 Fixation of unstable distal radius fractures, with the Distal Volar Radius Plate  
Authors: Cheung, Graham / Miller, David / Wilson, Lynn / Meyer, Carl / Kerin, Cronan / Ford, David  
Speaker: Wilson, Lynn (United Kingdom)
- F495 Have the newer generation of distal radius volar locking plates improved patient outcomes? A comparison of the original Synthes volar locking plate with the Periloc plate.  
Authors: Johnstone, Alan / Carnegie, Carol / Christie, Eva  
Speaker: Johnstone, Alan (United Kingdom)
- F496 Comparative Studi of distal radius fracture treated with volar plate or external fixation  
Author: Pino, Sergio / Bonilla, Joan Carles / Borràs, Joan Enric / Puñet, Enrique / Vila, Joan / Hernandez, Jose Antonio  
Speaker: Bonilla, Joan Carles (Spain)

08:30 – 10:30

Lower limb

FREE PAPER LOWER EXTREMITIES (3 MINUTES FREE PAPER)

ROOM: NEPTUNO

Moderators: Bégué, Thierry (France) / Carpintero, Pedro (Spain)

- |      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F443 | Emergency stabilization techniques for unstable pelvic ring injuries – effects on posterior stability, compression and intrapelvic volume in a cadaver study<br>Authors: Sellei, Richard / Köhler, Daniel / Tzioupis, Christopher / Sop, Aaron / Tarkin, Ivan / Pohlemann, Tim / Pape, Hans<br>Speaker: Sellei, Richard (Germany)                                                                                                      |
| F444 | Results of a multidisciplinary clinical pathway for the treatment of pelvic fractures with hemodynamic instability : analysis of sixty consecutive cases<br>Authors: Caba Doussoux, Pedro / Guimera, Vicente / Leon Baltasar, Jose Luis / Yuste Garcia, Pedro / Resines Erasun, Carlos<br>Speaker: Guimera, Vicente (Spain)                                                                                                            |
| F445 | Use of Cementless, Rectangular, Dual-Taper, Straight Femoral Stem With Bipolar Head Prosthesis in Femur Neck Fractures; A Preliminary Report in 50 Patients<br>Authors: Omeroglu, Hakan / Inan, Ulukan / Ozates, Necip<br>Speaker: Omeroglu, Hakan (Turkey)                                                                                                                                                                            |
| F446 | Prediction of proximal femur strength by a quantitative computed tomography-based finite element method –Creation of predicted strength data of the proximal femur according to age range in a normal population and analysis of risk factors for hip fracture–<br>Authors: Kaneko, Masako / Ohnishi, Isao / Bessho, Masahiko / Matsumoto, Takuya / Ohashi, Satoru / Tobita, Kenji / Nakamura, Koza<br>Speaker: Kaneko, Masako (Japan) |
| F447 | Treatment of Distal Tibia Shaft Fractures: results of intramedullary nails with uniplanar distal locking, intramedullary nails with multiplanar distal locking and medial locking plates.<br>Authors: Celebi, Levent / Yuksel, Yalcin / Bilen, Erkal / Aksahin, Ertugrul / Aktekin, Cem / Akdi, Sefa / Bicimoglu, Ali<br>Speaker: Aksahin, Ertugrul (Turkey)                                                                           |
| F448 | Femoro-plasty using an injectable and resorbable bi-phosphonate loaded bone substitute to prevent contra-lateral hip fracture in the elderly: a cadaveric biomechanical study.<br>Authors: Parratte, Sebastien / Amphoux, Tunde / Kolta, Sami / Gagey, Olivier / Skalli, Wafa / Bouler, Jean-Michel / Argenson, Jean-Noël<br>Speaker: Parratte, Sebastien (France)                                                                     |
| F449 | Bilateral vs. unilateral femur shaft fractures in polytrauma – the higher rate of complications is mainly caused by accompanying injuries<br>Authors: Lichte, Philipp / Kobbe, Philipp / Pardini, Dustin / Giannoudis, Peter / Pape, Hans-Christoph / Epof Study Group,<br>Speaker: Lichte, Philipp (Germany)                                                                                                                          |
| F450 | Anterior Crucial Ligament Rupture – Healing through Dynamic Intraligamentary Stabilization (DIS)<br>Author: Kohl, Sandro / Kohlhof, Hendrik / Evangelopoulos, Dimitrios / Krueger, Andreas / Hartel, Max / Von Rechenberg, Brigitte / Egli, Stefan<br>Speaker: Kohl, Sandro (Switzerland)                                                                                                                                              |
| F451 | Proprioception in the ACL reconstructed knee. A prospective clinical study<br>Author: Oliver, Gabriel / Hernandez, Jose Antonio / Portabella, Federico<br>Speaker: Oliver, Gabriel (Spain)                                                                                                                                                                                                                                             |
| F452 | Clinical and radiological Outcomes of Postoperative Septic Arthritis After Anterior Cruciate Ligament Reconstruction<br>Author: Monaco, Edoardo / Speranza, Attilio / Maestri, Barbara / Labianca, Luca / Iorio, Raffaele / Vadalà, Antonio / Ferretti, Andrea<br>Speaker: Speranza, Attilio (United Kingdom)                                                                                                                          |
| F453 | A comparison of 2 leading intra-articular hyaluronic acid agents in athletes with chondral damage of the knee<br>Author: Mcgrath, Anthony / Kalsou, Nicholas / Johnstone, Alan<br>Speaker: Mcgrath, Anthony (United Kingdom)                                                                                                                                                                                                           |
| F454 | The proximal tibia joint fracture as an increasing injury in skiing: Early results of a prospective study.<br>Author: Pätzold, Robert / Gonschorek, Oliver / Gutsfeld, Peter / Bühren, Volker<br>Speaker: Pätzold, Robert (Germany)                                                                                                                                                                                                    |
| F455 | Ultrasonographic phases in gap healing following Ponseti-type Achilles tenotomy<br>Author: Mangat, Karanjit / Prem, Hari<br>Speaker: Mangat, Karanjit (United Kingdom)                                                                                                                                                                                                                                                                 |

08:30 – 10:30

F456	Title: Ottawa Ankle Rule in predicting severity of acute ankle ligament injury Author: Lou, Thai Nurn / Page, John / Dolphin, Phillipa / Passman, Diane / Mackanney, Paul Speaker: Lou, Thai Nurn (United Kingdom)
F457	Surgical Treatment of Achilles Ruptures – open V.S. percutaneous surgery Author: Martins, Rui / Marinheiro, Julio / Paulo, Cristiana / Alves, Jorge / Ferreira, Nuno / Lopes, Daniel / Correia, João / Araújo, Sara Speaker: Martins, Rui (Portugal)
F458	Percutaneous compression plating for interthrocantheric fractures in elderly people: clinical and functional results of 147 cases Author: Grisone, Benedetta / Pelis, Alessandro / Giubilato, Alfonso / Pietrogrande, Luca Speaker: Grisone, Benedetta (Italy)
F459	Management Of Failed Internal Fixation Of Trochanteric Hip Fractures Using Cementless Modular Hip Arthroplasty Author: Thakur, Raman / Deshmukh, Ajit / Goyal, Amrit / Ranawat, Amar / Rasquinha, Vijay / Rodriguez, Jose Speaker: Thakur, Raman (United States)
F461	Tibial plafond fractures. Retrospective review. Author: Teixidor Serra, Jordi / Alvarez Ferre, Sonia / Tomas Hernandez, Jordi / Batalla Gurrera, Lledo / Maled, Ignasi / Molero Garcia, Vicente / Nieto Rodriguez, Jose Maria / Nardi, Joan / Caceres, Enric Speaker: Teixidor Serra, Jordi (Spain)
F462	Outcomes of conservative and surgical treatment of calcaneum fractures in a large case series Author: Bayam, Levent / Karski, Michael / Soteriadou, Stephanie / Henderson, Alistair Speaker: Bayam, Levent (United Kingdom)
F463	Early and midterm results after humeral blade plate fixation and functional treatment of unstable surgical neck fractures in elderly Author: Wirtz, Christian / Herold, Falko / Gerber Popp, Ariane Speaker: Wirtz, Christian (Switzerland)
F464	Functional Outcome Following PHILOS Plate Fixation Author: Kosy, Jonathan / Giles, Nigel Speaker: Kosy, Jonathan (United Kingdom)
F465	Damage control orthopaedics: a TRISS analysis of 45 consecutive polytrauma patients. Author: Caba Doussoux, Pedro / Zafra, Alberto / Leon Baltasar, Jose Luis / Aunon, Ismael / Garcia Fuentes, Carlos Speaker: Caba Doussoux, Pedro (Spain)
F466	The Incidence and Outcome of Neural Injuries Following Acetabular Fractures Author: Rogers, Benedict / Pearce, Rachel / Walker, Roland / Bircher, Martin Speaker: Walker, Roland (Italy)
F460	Autologous chondrocyte implantation for traumatic full-thickness cartilage defects of the knee: a prospective 6-year follow-up of 15 patients Author: Viste, Anthony / Piperno, Muriel / Chouteau, Julien / Grosclaude, Sophie / Fessy, Michel-Henri / Moyen, Bernard Speaker: Viste, Anthony (France)

09:30 – 10:30

Paediatrics

FREE PAPER

SPINE

ROOM: N107-108

Moderators: Synder, Marek (Poland) / Krauspe, Rüdiger (Germany)

F481	Curve pattern changes in idiopathic scoliosis Authors: Arts, Jacobus / Hermus, Joris / Van De Berg, F. / Guldmond, Nick / Van Rhijn, Lodewijk Speaker: Hermus, Joris (Netherlands)
F482	Comparison of Pre- and Postoperative Cosmetic Outcome after Correction Surgery in Patients with Adolescent Idiopathic Scoliosis. Authors: Thaler, Martin / Krismer, Martin / Liebensteiner, Michael / Bach, Christian Speaker: Thaler, Martin (Austria)
F483	Treatment of scoliosis using Universal Clamp as a hybrid construct – A preliminary note. Authors: Ling, Tah / Cardoso, Pedro / Conceicao, Mario / Seabra, Jorge Speaker: Ling, Tah (Portugal)

09:30 - 10:30

F484	Treatment of neurological scoliosis of more than 100° by using an hybrid construct (pedicle screws plus universal clamps) Authors: La Rosa, Guido / Giglio, Giancarlo / Oggiano, Leonardo Speaker: La Rosa, Guido (Italy)	Selected within the best Free Papers
F485	Mechanical, spinal, psychological & psychosocial factors affecting LBP in adolescents. A multifactorial analysis Authors: Repantis, Thomas / Korovessis, Panagiotis / Baikousis, Andreas Speaker: Repantis, Thomas (Greece)	

11:00 - 13:00

<b>Bone and joint tumours</b>		(simultaneous translation English-Spanish)
<b>PLENARY SESSION</b>	<b>SURGICAL AND NON-SURGICAL TREATMENTS IN TUMOUR CARE IN EUROPE. METASTASIS BONE DISEASES</b>	<b>MAIN AUDITORIUM</b>
	Organiser: Szendrői, Miklós (Hungary)	
	Introduction: Change of paradigm in the treatment of bone metastases Speaker: Szendrői, Miklós (Hungary)	
	Palliative surgery in metastases of long bones and pelvis Speaker: Ewerbeck, Volker (Germany)	
	Surgical options in solitary metastases of bone Speaker: Cannon, Stephen (UK)	
	The role of chemotherapy and adjuvant therapy in the treatment of secondary malignancies of bone Speaker: Tusquets, Ignasi (Spain)	
	Metastatic lesions in the spine surgical solution Speaker: Caceres Palou, Enric (Spain)	

11:00 - 13:00

GUEST SESSION

EFAS/SEMCP

(simultaneous translation English-Spanish)



<b>ANKLE SPRAINS AND INSTABILITY</b>	<b>ROOM: NEPTUNO</b>
Organisers: Kofoed, Hakon (Denmark) / Viladot, Antonio (Spain)	
Biomechanics of ankle instability Speaker: Rosenbaum, Dieter (Germany)	
Acute ligament injuries Speaker: Besse, Jean-Luc (France)	
Chronic lateral instability Speaker: Louwerens, Jan-Willem (Netherlands)	
Chronic medial & rotational instability Speaker: Valderrabano, Victor (Switzerland)	
Osteochondral lesions & instability Speaker: Dalmau, Antonio (Spain)	
Soft tissue impingements Speaker: Vilá Rico, Jesús (Spain)	
Subtalar Instability Speaker: Van Dijk, Niek (Netherlands)	

Friday  
4 June

13:00 - 14:30

SATELLITE SYMPOSIUM

**Tornier**



ORTHO QUIZZ: INTERACTIVE PRESCRIPTION ON KNEE AND ANKLE

ROOM: N101-102

Chair: Bonnin, Michel (France) / Judet, Thierry (France)

SATELLITE SYMPOSIUM

**LIMA CORPORATE**



METAL SENSITIVITY. A REDUCED WEAR, METAL FREE SOLUTION FOR TOTAL KNEE ARTHROPLASTY

ROOM: N103

Chair: Benazzo, Francesco (Italy) / Mittelmeier, Wolfram (Germany)

The Multigen Plus ceramic femoral component: Preliminary clinical results from an international multicenter study  
Speaker: Bergschmidt, Philipp (Germany)

Metal sensitivity in TKA patients  
Speaker: Lohmann, Christoph (Germany)

The Multigen Plus ceramic femoral component: Personal experience and patient benefits  
Speaker: Mittelmeier, Wolfram (Germany)

Wear reduction with a ceramic femoral component  
Speaker: Manili, Mario (Italy)

Final remarks and conclusions  
Speaker: Benazzo, Francesco (Italy)

SATELLITE SYMPOSIUM

**Pfizer Ltd.**



ADVANCES IN HAND SURGERY: NEW PERSPECTIVES IN DUPUYTREN'S CONTRACTURE

ROOM: N105-106

Chair: Ceruso, Massimo (Italy) / Kjaersgaard-Andersen, Per (Denmark)

Getting 'hands-on' with Dupuytren's contracture  
Speaker: Leclercq, Caroline (France)

Managing Dupuytren's contracture in the operating theatre: The current treatment paradigm  
Speaker: Szabo, Zsolt (Hungary)

The expanding armamentarium for Dupuytren's contracture treatment  
Speaker: Milner, Richard (UK)

SATELLITE SYMPOSIUM

**TiGenix**



ACI: IDENTIFYING THE IDEAL CANDIDATE

ROOM: N107-108

Chair: Monllau, Juan Carlos (Spain)

Patient profiling and treatment algorithm  
Speaker: Marcacci, Maurizio (Italy)

From solid long term clinical results to the new era of cell therapy products (ATMP)  
Speaker: Steinwachs, Matthias (Switzerland)

SATELLITE SYMPOSIUM

**CeraVer**



1970-2010, IN A CHANGING WORLD... THERE ARE SURE VALUES

ROOM: N111-112

Speakers: Garcia-Cimbrello, Eduardo (Spain) / Hernigou, Philipp (France) / Nizard, Rémy (France) / Sedel, Laurent (France)

FRIDAY  
4 JUNE

13:00 – 14:30

SATELLITE SYMPOSIUM

**BIOMET**



BIOMET SYMPOSIUM

ROOM: N113-114

The ASI approach

Speaker: De Witte, Erik (Belgium)

Pathway to rapid recovery in THA

Speaker: Vehmeijer, Stephan (Netherlands)

SATELLITE SYMPOSIUM

**Zimmer GmbH**



Zimmer Institute  
Learn. Do. Excel.™

ZIMMER® NATURAL NAIL™ : INTRODUCTION AND FIRST CLINICAL EXPERIENCE

ROOM: N115-116

System Overview

Speaker: Josten, Christoph (Germany)

Femur Fractures

Speaker: Verheyden, Akhil (Germany)

Tibia Fractures

Speaker: Biggi, Francesco (Italy)

Proximal femur nail demo and hands on

Speaker: All

**Foot/ankle/leg**

FREE PAPER MISCELLANEOUS

ROOM: NEPTUNO

Moderators: Windhager, Reinhard (Austria) / Martin, Xavier (Spain)

F504 The use of joint injection in the investigation of foot and ankle pathology in the context of anatomical joint communications

Authors: Tomlinson, James / Petrie, Michael / Davies, Mark / Blundell, Chris / Moore, David

Speaker: Petrie, Michael (United Kingdom)

F505 Validity of t2 mapping in characterization of articular cartilage in the ankle joint

Authors: Battaglia, Milva / Buda, Roberto / Vannini, Francesca / Cavallo, Marco / Ruffilli, Alberto / Ghermandi, Riccardo / Monti, Carlo

Speaker: Battaglia, Milva (Italy)

F506 surgical treatment of osteochondral lesions of the talus by open field autologous chondrocyte implantation. a 10 years follow-up clinical and mri t2-mapping evaluation

Authors: Giannini, Sandro / Buda, Roberto / Di Caprio, Francesco / Ruffilli, Alberto / Cavallo, Marco / Battaglia, Milva / Monti, Carlo / Vannini, Francesca

Speaker: Giannini, Sandro (Italy)

F507 Fully arthroscopically performed 3-dimensional autologous chondrocyte implantation (ACT) for osteochondritis dessecans in talus. Preliminary results.

Authors: Alevrogiannis, Stavros / Skarpas, George / Triantafyllopoulos, Avraam / Lygdas, Panagiotis / Stavropoulos, Nikolaos

Speaker: Alevrogiannis, Stavros (Greece)

F508 Sports and Activities after Achilles Tendon Injury of the Recreational Athlete

Authors: Roll, Christina / Seemann, Milena / Schlumberger, Andreas / Kinner, Bernd

Speaker: Roll, Christina (Germany)

F509 Orthopedic disabilities in leprosy patients in Guinea-Bissau, West Africa

Authors: Flores Santos, Francisco / Seixas, Jorge / Felicissimo, Paulo

Speaker: Flores Santos, Francisco (Portugal)

F510 Dorsal closing wedge osteotomy,debridement and microfracture for the treatment of Freiberg's disease

Authors: Maripuri, Sbramanyam / Brahmabhat, Pranter / Kanakaraj, K. / Nathdwarawala, Yogesh

Speaker: Nathdwarawala, Yogesh (United Kingdom)

Friday  
4 June

13:00 - 14:30

- F511 Surgical syndactylization for the treatment of recurrent severe toe deformities  
Authors: El-Masri, Isam / Naal, Florian / Gerber Popp, Ariane / Engelhardt, Peter  
Speaker: El-Masri, Isam (Switzerland)
- F512 A Forefoot Abduction Procedure for Residual Metatarsus Adductus Deformity – The Anatomic Approach  
Authors: Stanley, James / Perera, Anthony / Mac Niocaill, Ruairi / Stephens, Michael  
Speaker: Stanley, James (Ireland)

13:15 - 14:30

SATELLITE SYMPOSIUM

**Bayer Schering Pharma**



CEMENTING THE BENEFITS OF ORAL ANTICOAGULANTS IN ORTHOPAEDIC PRACTICE

ROOM: N104

Chair: Fisher, William D. (Canada) / Lluau, Juan V. (Spain)

Welcome and introduction

Speaker: Fisher, William D. (Canada)

Perspectives from Germany: Practical implications of thromboprophylaxis with rivarobaxan after knee replacement surgery

Speaker: Klauser, Wolfgang (Germany)

Perspectives from Switzerland: Clinical experience with rivarobaxan after minimally invasive hip replacement surgery

Speaker: Michel, Markus (Switzerland)

The Stopwatch project: Practical implications for daily care

Speaker: Quante, Markus (Germany)

Practical solutions to common clinical questions: An anaesthesiologist's perspective

Speaker: Lluau, Juan V. (Spain)

Summary and questions

Speaker: Fisher, William D. (Canada)

Summary and questions

Speaker: Lluau, Juan V. (Spain)

14:30 - 15:30

**Knee osseous**

IL EXTENSOR MECHANISM COMPLICATIONS AFTER TKA

ROOM: N103

Moderator: Neyret, Philippe (France)

Lecturer: Colsmann Stukenborg, Christina (Germany)

14:30 - 16:00

GUEST SESSION

**ICRS**



A BOUQUET OF APPROACHES TO CARTILAGE REPAIR

ROOM: N115-116

The role of plasma-rich growth factors in cartilage repair

Speaker: Cugat, Ramon (Spain)

Clinical and MRI results: 2 and 5 years after matrix-induced autologous chondrocyte implantation

Speaker: Basad, Erhan (Germany)

Miscellaneous cartilaginous lesion of an elite athlete. Instant CEMTROCELL (cellular and molecular medicine)

Speaker: Guillén, Pedro (Spain)

What can we expect in the future of cartilage repair?

Speaker: Brittberg, Mats (Sweden)

FRIDAY  
4 JUNE

14:30 - 16:00

Sports/knee soft-tissue

**SYMPOSIUM** HOW TO IMPROVE RESULTS IN ACL RECONSTRUCTION. (IN COOPERATION WITH ESSKA) ROOM: N101-102

Organisers: Espregueira-Mendes, Joao (Portugal) / Ménétrey, Jacques (Switzerland)

The good indication!

Speaker: Ménétrey, Jacques (Switzerland)

Can we improve the surgical technique

Speaker: Montserrat, Ferran (Spain)

How to improve graft healing and incorporation?

Speaker: Scheffler, Sven (Germany)

ACL reconstruction - when is safe to return to sports?

Speaker: Espregueira-Mendes, Joao (Portugal)

Shoulder/elbow/arm/forearm

**SYMPOSIUM** DIFFICULT HUMERUS PROXIMAL FRACTURE

ROOM: N105-106

Organiser: Jäger, Martin (Germany)

Speakers: Lambert, Simon (UK) / Adolfsson, Lars (Sweden)

Paediatrics

**SYMPOSIUM** NEW TRENDS IN SCFE

ROOM: N107-108

Organiser: Krauspe, Rüdiger (Germany)

SCFE introduction and basics

Speaker: Krauspe, Rüdiger (Germany)

Remodelling after SCFE

Speaker: Hagglund, Gunnar (Sweden)

Timing and operative technique in acute SCFE

Speaker: Eastwood, Deborah (UK)

SCFE- the experiment of nature to induce femoral acetabular impingement - how to assess and avoid

Speaker: Millis, Michael (USA)

Molecular imaging for better understanding of cartilage degeneration in SCFE

Speaker: Zilkens, Christoph (Germany)

Infection

**CCD** POSTTRAUMATIC INFECTION

ROOM: N113-114

Organiser: Puig-Verdié, Luis (Spain)

Speakers: Ochsner, Peter (Switzerland) / Stuyck, Jose (Belgium)

Hip

**FREE PAPER** REVISION THA

MAIN AUDITORIUM

Moderators: Søballe, Kjeld (Denmark) / Murcia, Antonio (Spain)

F380 Effect of the Bone/HA Ratio on the Initial Stability of Acetabular Cup Fixed with Impaction Bone-grafting -Dynamic migration Traced by a High-speed Photography Camera-

Authors: Kishida, Shunji / Iida, Satoshi / Ohashi, Hirotsugu / Yamazawa, Tomoyuki / Tanabe, Yutaka

Speaker: Kishida, Shunji (Japan)

F381 Use of Calcium Phosphate Bone Graft Substitute for Impaction Grafting for Revision Hip Arthroplasty: A Randomised Clinical Study

Authors: Timperley, Andrew / Ashcroft, Patrick / Dunlop, Douglas / Hua, J.

Speaker: Ashcroft, Patrick (United Kingdom)

F382 Prediction of risk factors of the Radial Impaction Grafting technique in total hip revision

Authors: Zwart, Hendrik / Gebuhr, Peter / Bierling, Roelf / Lind, Ulla / Kollen, Boudewijn / Dijkman, Floriaan

Speaker: Zwart, Hendrik (Netherlands)

14:30 - 16:00

F383	Jumbo cup in revision hip arthroplasty: 43 cases with 79 months of follow-up Authors: Nzokou, André / Laffosse, Jean Michel / Diwanji, Sanket / Lavigne, Martin / Roy, Alain / Vendittoli, Pascal-André Speaker: Nzokou, André (Canada)
F384	Patient Oriented Outcome of Revision THR for Deep Infection from the Swedish National Hip Registry. Authors: Ostendorf, Marieke / Malchau, Henrik / Kärrholm, Johan / Dhert, Wouter / Eisler, Thomas Speaker: Ostendorf, Marieke (Netherlands)
F385	Intraoperative cultures obtained during total primary hip arthroplasty to predict prosthetic joint infection. Authors: Font, Lluís / Garcia, Sebastian / Muñoz-Mahamud, Ernesto / Bori, Guillem / Gallart, Xavier / Fernández-Valencia, Jenaro / Riba, Josep / Casanova, Luis / Mensa, Josep / Soriano, Alex Speaker: Font, Lluís (Spain)
F386	Fractured neck of femurs (NOF) and post-operative infection rates Authors: Sanghera, Nuvkearyn / Nwachuku, Iheanyi / Clough, Timothy Speaker: Sanghera, Nuvkearyn (United Kingdom)
F387	Application of VAC Instill therapy in case of periprosthetic infection in hip arthroplasty Authors: Lehner, Burkhard / Witte, Daniela Speaker: Lehner, Burkhard (Germany)
F388	Aggressive early debridement can be successful for infected total knee arthroplasty Authors: Sukeik, Mohamed / Dobson, Mike / Bridgens, Anna / Haddad, Fares Speaker: Sukeik, Mohamed (United Kingdom)

14:30 - 16:30

GUEST SESSION

EFOST



FOOT

ROOM: N111-112

**Organiser: Canata, Gian Luigi (Italy) / Huylebroek, Jose F. (Belgium)**

Introduction: EFOST mission  
Speaker: Huylebroek, Jose F. (Belgium)

Evaluation and management of tendinopathies in the foot and ankle  
Speaker: Sakari, Orava (Finland)

Peroneal rupture and tendinopathies  
Speaker: Rodriguez, Cristobal (Spain)

Incidence of footwear in athlete foot lesions  
Speaker: Avila, Fernando (Spain)

Stress fractures: Evaluation and management  
Speaker: Mann, Gideon (Israel)

Hintfoot pain: Evaluation and management  
Speaker: Van Dijk, Niek (Netherlands)

Foot hyperpronation and anterior knee pain  
Speaker: Canata, Gian Luigi (Italy)

Foot pain in relation with other pathologies  
Speaker: Doral, Mahmut Nedim (Turkey)

New frontiers in the management of achilles tendon pathologies  
Speaker: Maffulli, Nicola (UK)

16:30 - 18:30

GUEST SESSION

EFOST



BICYCLING

ROOM: N111-112

**Organisers: Doral, Mahmut Nedim (Turkey) / Esteve de Miguel, Carlos (Spain)**

Mechanical aspects of cycling  
Speaker: Khamis, Sam (Israel)

Bicycling and tendon pathologies: Biomechanical and biological aspects  
Speaker: Maffulli, Nicola (UK)

Muscle and tendon injuries in cyclists  
Speaker: Benazzo, Francesco (Italy) / Combi, Franco (Italy)

The Polish experience in mountain bicycling  
Speaker: Adamczyk, Pavel (Poland)

Injuries in top cyclist athletes  
Speaker: Jontschew, Dimitr (Germany)

Mountain biking injuries: Current concepts  
Speaker: Carmont, Mike (UK)

New perspectives in the management of cyclist injuries  
Speaker: Michal Drwiega (Poland)

Neuropathies in the upper and lower extremities in off-road cycling  
Speaker: Sánchez-Monzó, Carlos / Sanchez-Marchori, Carlos (Spain)

14:30 - 16:30

General Orthopaedic/complications/basic science/technology

FREE PAPER MISCELLANEOUS

ROOM: N104

**Moderators: Fokter, Samo (Slovenia) / Herrera Rodriguez, Antonio (Spain)**

F410 Toxicity of normal saline and 0.5% bupivacaine to human articular cartilage  
Authors: Gulihar, Abhinav / Taylor, Grahame  
Speaker: Gulihar, Abhinav (United Kingdom)

[Selected within the best Free Papers](#)

F411 Clinical feasibility of calibrating digital x-rays without a reference object but with anatomic dimensions.  
Authors: Grimm, Bernd / Renckens, Martyna / Franken, Martijn / Heyligers, Ide  
Speaker: Grimm, Bernd (Netherlands)

F412 Consent form documentation in Hip Surgery: is it being performed adequately?  
Authors: Smith, Todd / Achaibar, Kira / Aduwa, Elvis / Amlani, Anish / Alcena, Jessica / Bajaj, Retesh / Soneji, Neil / Jagernauth, Simond / Murphy, John  
Speaker: Smith, Todd (United Kingdom)

F413 Intraoperative control of osteosynthesis using ISO-C-3D image intensifier. One year of utilisation.  
Authors: Adam, Philippe / Ehlinger, Matthieu / Taglang, Gilbert / Moser, Thomas / Dosch, Jean Claude / Bonnomet, Francois  
Speaker: Adam, Philippe (France)

F414 An optimized assessment of "severely injured patients" for national and international documentation of black spots  
Authors: Sellei, Richard / Knobe, Mathias / Lank, Christian / Becher, Thorsten / Schmitt, Tim / Peters, Jochen / Niethard, Fritz / Erli, Hans / Pape, Hans  
Speaker: Sellei, Richard (Germany)

F415 Senior Orthopaedic Trainees Worse at Clerking Patients Than Juniors  
Authors: Hussain, Sibtain / Matheson, James  
Speaker: Hussain, Sibtain (United Kingdom)

F416 Botulinum toxin injection with and without electromyographic assistance for management of spasticity  
Authors: Ploumis, Avraam / Varvarousis, Dimitrios / Beris, Alexander  
Speaker: Ploumis, Avraam (Greece)

14:30 - 16:30

F417	Sensory abnormalities in patients awaiting knee replacement Authors: Wylde, Vikki / Dieppe, Paul / Learmonth, Ian / Palmer, Shea Speaker: Wylde, Vikki (United Kingdom)
F418	Enhanced Orthopaedic Recovery Authors: Thomas, William / Dwyer, Amitabh / Tarassoli, Payam / Porter, Paul Speaker: Thomas, William (United Kingdom)
F419	The effect of a "ring fenced" orthopaedic arthroplasty ward on length of stay and surgical site infection. Authors: Barlow, David / Masud, Saqib / Rhee, Shin / Ganapathi, Mutu / Andrew, Glynn Speaker: Barlow, David (United Kingdom)
F420	Evaluation of i-one therapy in patients undergoing knee joint prosthesis Author: Moretti, Biagio / Notarnicola, Angela / Moretti, Lorenzo / Patella, Silvio / Setti, Stefania / Ciullo, Fabrizio / Patella, Vittorio Speaker: Moretti, Lorenzo (Italy)
F421	Clinical relevance of functional shoulder score variations measured with SF-36 quality of life score Author: Torrens, Carlos / Miquel, Joan / Martinez, Sara / Vila, Gemma / Santana, Fernando / Caceres, Enrique Speaker: Torrens, Carlos (Spain)

14:30 - 18:30

Foot/ankle/leg (pre-registration mandatory)

EXMEX	SEQUELLAE OF SEVERE FOOT INJURIES Organiser: Viladot, Antonio (Spain)	ROOM: NEPTUNO
	Sequellae of pilon and malleolar fractures Speaker: Valderrabano, Victor (Switzerland)	
	Sequellae of fractures and dislocations of the talus Speaker: Besse, Jean-Luc (France)	
	Sequellae of calcaneal fractures Speaker: Redfern, David (UK)	
	Sequellae of fractures and dislocations of the lisfranc joint Speaker: Ceccarelli, Francesco (Italy)	
	Sequellae of forefoot fractures Speaker: Badekas, Thanos (Greece)	
	Compartmental syndromes Speaker: Dalmau, Antonio (Spain)	

15:30 - 16:30

Knee osseous		
IL	UNICONDYLAR KNEE ARTHROPLASTY Moderator: Innocenti, Massimo (Italy)	ROOM: N103
	Lecturer: Donell, Simon (UK)	

16:30 - 17:30

Knee osseous		
IL	TKA IN EXTRA-ARTICULAR DEFORMITIES Moderator: Donell, Simon (UK)	ROOM: N103
	Lecturer: Hernandez-Hermoso, Jose (Spain)	

Shoulder/elbow/arm/forearm		
IL	MASSIVE TEARS OF THE ROTATOR CUFF Moderator: Lambert, Simon (UK)	ROOM: N105-106
	Lecturer: Marco Martinez, Fernando (Spain)	

16:30 – 17:30

Hip		MAIN AUDITORIUM
FREE PAPER	THA SHORT AND MEDIUM TERM RESULTS	
Moderators: Karachalios, Theofilos (Greece) / Gallart, Xavier (Spain)		
F389	Morphology of the Iliocapsularis Muscle Authors: Babst, Doris / Steppacher, Simon / Siebenrock, Klaus / Tannast, Moritz Speaker: Steppacher, Simon (Switzerland)	
F390	Influence of Preoperative Psychological Distress on Outcome After Total Hip Arthroplasty Authors: Utrillas-Compaired, Alfonso / De La Torre-Escuredo, Basilio José Speaker: Utrillas-Compaired, Alfonso (Spain)	
F391	THR by Direct Anterior Approach (DAA): Five Years Results including gate analyses Authors: Markus, Michel / Pierre, Witschger Speaker: Markus, Michel (Switzerland)	
F392	A Novel Method of Accurately Calculating the Radiological Magnification of the Hip Authors: King, Richard / Makrides, Panayiotis / Gill, James / Karthikeyan, Shanmugam / Krikler, Steve / Griffin, Damian Speaker: King, Richard (United Kingdom)	
F393	Effect of Femoral Neck Modularity on Hip Range of Motion Authors: Essig, Jerome / Asencio, Gerard / Tracol, Philippe / Nourissat, Christian Speaker: Essig, Jerome (France)	

Hip		ROOM: N113-114
FREE PAPER	THA METAL ON METAL	
Moderators: Kjaersgaard-Andersen, Per (Denmark) / Paz Jiménez, José (Spain)		
F498	Long-term results of THA using metal-on-metal articulation Authors: Yoon, Sang-Hyup / Kim, Ju-Eun / Kim, Shin-Yoon Speaker: Kim, Shin-Yoon (Korea, Republic of)	
F499	MRI Evaluation of Painful Hip After Metal-on-Metal Total Hip Arthroplasty Authors: Nikolaou, Vasileios / Khoury, Viviane / Huk, Olga / Petit, Alain / Bergeron, Stephane / Zukor, David / Antoniou, John Speaker: Nikolaou, Vasileios (Canada)	
F500	The effect of operative factors on outlier ion levels in patients with metal on metal hip implants Authors: Bernstein, Mitchell / Bergeron, Stephane / Petit, Alain / Huk, Olga / Antoniou, John Speaker: Bernstein, Mitchell (Canada)	
F501	Semen Metal ion levels and sperm quality in patients with metal on metal total hip replacement. Authors: Nikolaou, Vasileios / Petit, Alain / Huk, Olga / Zukor, David / Bergeron, Stephane / Antoniou, John Speaker: Nikolaou, Vasileios (Canada)	
F502	Plasma and erythrocyte ion levels as surrogate measures of exposure risk in metal-metal arthroplasty Authors: Daniel, Joseph / Ziaee, Hena / Pradhan, Chandra / Pynsent, Paul / McMinn, Derek James Wallace Speaker: Daniel, Joseph (United Kingdom)	Selected within the best Free Papers

16:30 – 18:00

Bone and joint tumours		ROOM: N115-116
SYMPOSIUM	METASTASIS IN THE PELVIC REGION	
Organiser: Campanacci, Domenico Andrea (Italy)		
	Mini-invasive surgical techniques in pelvic metastasis Speaker: Dijkstra, Sander (Netherlands)	
	Indications to surgical treatment in pelvic metastasis Speaker: Gracia, Isidro (Spain)	
	Surgical strategies in pelvic metastasis of the acetabular region Speaker: Windhager, Reinhard (Austria)	
	Surgical strategies in pelvic metastasis with favourable prognostic factors Speaker: Campanacci, Domenico Andrea (Italy)	

Friday  
4 June

16:30 - 19:00

## ASIA - LATIN AMERICA EFORT SYMPOSIUM

ROOM: N107-108

Organisers: Puhl, Wolfhart (Germany) / Caceres Palou, Enric (Spain)

### Knee osseous

**Moderator: Mody, Bharat (India)**

Latin American experience

Speaker: Restrepo, Nicolas (Colombia)

What is a successful total knee replacement? - The Asian perspective

Speaker: Mody, Bharat (India)

MIS & CAS: Dreams and facts. The value of daily working in TKR - The Asian perspective

Speaker: Budhiparama, Nicolaas (Indonesia)

European experience

Speaker: Parratte, Sebastien (France)

Discussion

### Hip

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

Latin American experience

Speaker: Carriedo, Eduardo (Mexico)

Minimally invasive total hip replacement using modified anterolateral approach - experience of more than 1000 cases

Speaker: Chen, Wei-Ming (Taiwan)

Quality of life and prognostic factors in proximal femoral fractures in the elderly

Speaker: Gil Garay, Enrique (Spain)

Discussion

### Spine (incl. Trauma)

**Moderator: Tello, Carlos (Argentina)**

Children deformity latinamerican point of view

Speaker: Tello, Carlos (Argentina)

Vertebral column decancellation for management of sharp angular spinal deformity

Speaker: Wang, Yan (China)

Speaker: Caceres Palou, Enric (Spain)

Discussion

17:00 - 18:30

### Sports/knee soft-tissue

FREE PAPER MENISCUS

ROOM: N104

**Moderators: Verdonk, René (Belgium) / Vaquero Martin, Francisco Javier (Spain)**

F422 Influence of anterior cruciate ligament insufficiency on meniscal loading

Authors: Majewski, Martin / Vögele, Stefan / Seitz, Andreas / Dürselen, Lutz

Speaker: Majewski, Martin (Switzerland)

F423 Design optimization of a polycarbonate-urethane meniscal implant in the sheep knee

Authors: Linder-Ganz, Eran / Elsner, Jonathan / Zur, Gal / Guilak, Farshid / Shterling, Avi

Speaker: Elsner, Jonathan (Israel)

FRIDAY  
4 JUNE

17:00 – 18:30

F424	Clinical efficacy and tissue ingrowth following implantation of an avascular synthetic scaffold for treatment of irreparable meniscus tears Authors: Laprell, Heinz / Verdonk, Rene Speaker: Laprell, Heinz (Germany)
F425	Meniscal tissue expression of five different growth factors (IGF, IL-1 $\beta$ ; TGF- $\beta$ , PDGF- $\beta$ and VEGF) in the first three weeks after a meniscal lesion in the avascular zone. An experimental study in rabbits. Authors: Díaz-Heredia, Jorge / Ruiz-Iban, Miguel Angel / Botas, Javier / Comellas, Nerea / Gonzalez Lizán, Fausto / Moros, Santos / Cebreiro, Ignacio / Aranda, Fernando / Sanchez Ruas, Jaime Speaker: Díaz-Heredia, Jorge (Spain)
F426	Double bundle anterior cruciate ligament reconstruction using rigid-fix pins Authors: Ebied, Ayman / El Deep, Mohamed Speaker: Ebied, Ayman (Egypt)
F427	The Anatomical All-inside Repair for Torn Lateral Meniscus without Implants Authors: Tsuchiya, Akihiro / Kanisawa, Izumi / Yamaura, Ichiro / Takahashi, Kenji / Sakai, Hiroki Speaker: Tsuchiya, Akihiro (Japan)
F428	Meniscal tears: Epidemiology and correlation between clinical and arthroscopic findings Authors: Robinson, Simon / Nixon, Matthew / Hakkalmani, Santosh / Parkinson, Richard Speaker: Robinson, Simon (United Kingdom)
F429	Type and Pattern of Meniscus Tears Correlate with Function and Activity Levels at Least Two Years after Partial Meniscectomy Authors: Rodkey, William / Briggs, Karen / Steadman, J. Speaker: Rodkey, William (United States)
F430	Lysholm Scores and Tegner Index to Assess Function and Return to Activity Outcomes Six Years after Partial Meniscectomy vs. Collagen Meniscus Implants Authors: Rodkey, William / Briggs, Karen / Steadman, J. Speaker: Rodkey, William (United States)

17:30 – 18:30

Sports/knee soft-tissue

IL	INSTABILITY AFTER TKR Moderator: Schiavone, Alfredo (Italy) Lecturer: Romero, José (Switzerland)	ROOM: N103
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Hip

FREE PAPER	THA LONG TERM RESULTS Moderators: Neves, Jose (Portugal) / Garcia-Cimbrello, Eduardo (Spain)	MAIN AUDITORIUM
F395	Why cemented Müller type straight stems should be polished – A register based analysis of 926 consecutive cases Authors: Clauss, Martin / Pannhorst, Silke / Lüem, Martin / Ochsner, Peter / Ilchmann, Thomas Speaker: Clauss, Martin (Switzerland)	
F396	Long-term (20–25 year) results of an uncemented tapered femoral stem in primary total hip arthroplasty Authors: Streit, Marcus / Merle, Christian / Innmann, Moritz / Aldinger, Peter Speaker: Streit, Marcus (Germany)	
F397	Seventeen-year survivorships of the Alloclassic™ femoral taper in primary total hip arthroplasty Authors: Delaunay, Christian / Kapandji, Adalbert Speaker: Delaunay, Christian (France)	
F398	A 15 – 18 year prospective survival analysis of hydroxyapatite or porous coating in an anatomic hip stem Authors: Drescher, Wolf / Thomsen, Per / Larsen, Kristian Speaker: Drescher, Wolf (Germany)	
F399	14 years' follow-up in a short hip implant with lateral flare. Authors: Santori, Francesco Saverio / Piciocco, Piero / Fredella, Nicola / Santori, Nicola Speaker: Santori, Francesco Saverio (Italy)	

17:30 - 18:30

F400 Ten years of experience with ceramic-ceramic bearing in total hip arthroplasty  
 Authors: Benazzo, Francesco / Rossi, Stefano / Piovani, Lucio / Russo, Claudia  
 Speaker: Benazzo, Francesco (Italy)

Hand/wrist/arm/forearm

FREE PAPER CARPAL TRAUMA

ROOM: N105-106

Moderators: Botelho, Jose Carlos (Portugal) / Mir, Xavier (Spain)

F467 Anatomical study determining the length of volar wrist ligaments

Authors: Ahmed, Mohammed / Tavakkolizadeh, A. / Sinha, J.

Speaker: Ahmed, Mohammed (United Kingdom)

F468 Comparison of Computed Tomography and Magnetic Resonance Imaging in Triage of Suspected Scaphoid Fractures

Authors: Mallee, Wouter / Doornberg, Job / Ring, David / Van Dijk, Niek / Maas, Mario / Goslings, Carel

Speaker: Mallee, Wouter (Netherlands)

F469 The treatment of scaphoid nonunion using the Ilizarov fixator without bone graft

Authors: Bumbasirevic, Marko / Lesic, Aleksandar / Atkinson, Henry Dushan

Speaker: Bumbasirevic, Marko (Serbia and Montenegro)

F470 The long term therapeutic outcome of Herbert D Caphoid pseudarthrosis using Herbert screw and iliac crest graft

Authors: Efstathopoulos, Dimitris / Chatzimarkakis, George / Flessouras, Spyridon / Charalampidis, Efstathios

Speaker: Chatzimarkakis, George (Greece)

F471 Surgical versus Conservative Treatment for Acute Scaphoid Fractures. A Systematic Review and Meta-Analysis of Randomized Controlled Trials

Authors: Buijze, Geert / Doornberg, Job / Ham, John / Ring, David / Bhandari, Mohit / Poolman, Rudolph

Speaker: Doornberg, Job (Netherlands)

Selected within the best Free Papers

F472 Radial Osteotomy in the treatment of Kienbock disease

Authors: Rodrigues Pinto, Ricardo / Trigueiros, Miguel / Lemos, Rui / Silva, Cesar

Speaker: Rodrigues Pinto, Ricardo (Portugal)

# 12th EFORT Congress 2011

Early registration deadline

31 January 2011

Pre-registration deadline

10 May 2011



Abstract submission deadline  
▶ 15 September 2010



## 12th EFORT Congress Copenhagen, Denmark: 1 – 4 June 2011

### Congress highlights

- **National Registers:** The future role!
- **Rotator cuff lesions:** Diagnosis and treatment!
- **Bone healing:**
  - Influence of alcohol and tobacco!
- **Hip:** New bearings!
- **Knee:** Partial or total replacement?
- **Trauma:** The management of pelvic fractures!
- **The Osteoarthritic ankle joint:**
  - Fusion or arthroplasty?
- **Wrist fractures:** What's new?
- **Fast-track treatment & rehabilitation:**
  - Is it safe?
- **The osteoporotic spine:**
  - Surgical or conservative treatment?
- **Paediatrics:** New trends in treatment of clubfoot!
- **Foot deformities:** How to treat?
- **Nosocomial infections:** Any new enemies?
- **Sports:** Surgical treatment of cartilage defects!

info

More updates available on: [www.efort.org/copenhagen2011](http://www.efort.org/copenhagen2011)

# Saturday 5 June

Room	N101-102 1st Floor	N103-104 1st Floor	N107 1st Floor	N108 1st Floor	N111-112 1st Floor	N113-114 1st Floor	N115-116 1st Floor
Hour							
8:00							
8:30	Current controversies in young adult hip surgery Hip Symposium	Allograft in sport medicine Sports/Knee soft-tissue Symposium	DVT General Orthopaedics Free Papers	Surgical considerations in TKA Knee Osseous Free Papers	Fractures and ligamentous injuries around the elbow Shoulder/Elbow CCD	Management of the lower limb deformities Paediatrics Instructional Lecture	Applying biomechanics to everyday fracture treatment EFORT-AOTrauma Guest Session
9:00			Pain control General Orthopaedics Free Papers				
9:30						FORTE Guest session	
10:00		Musculoskeletal infections Infection Plenary Session			Break		Upper extremities Free Papers 3 minutes
10:30			Trauma General Orthopaedics Free Papers		Fellowship Programme - "An experience exchange" EFORT		
11:00							
11:30	Break						
12:00	Hip Resurfacing Hip Instructional Lecture	Sports ACL Sports/Knee soft-tissue Free Papers	Joint replacement General Orthopaedics Free Papers	Lumbar degenerative Spine Free Papers	Polytrauma and acetabular fractures Trauma/Polytrauma Free Papers	Legg Perthes Calvé disease Paediatrics Symposium	Stiff TKA Knee Osseous Symposium
12:30							
13:00	Resurfacing THA Hip Free Papers		Knee arthroplasty Knee Osseous Free Papers	Cervical Spine Free Papers			
13:30					Elbow and forearm Trauma/Polytrauma Free Papers	Hip Paediatrics Free Papers	
14:00			Bearings and THA General Orthopaedics Free Papers	Miscellaneous Spine Free Papers			
14:30							
15:00							
15:30							

SATURDAY  
5 JUNE

IL = Instructional Lecture    CCD = Controversial Case Discussion    ExMEx = Experts meet Experts

GENERAL ORTHOPAEDICS   
  UPPER LIMB   
  LOWER LIMB   
  SPINE

Colon 2nd Floor	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor	Room	
				Hour	
				8:00	
The options in knee arthroplasty Knee Osseous ExMEx	Statistical analysis in orthopaedic clinical studies General Orthopaedics Symposium	Dolor Comunicaciones SECOT	ATC 3 Cadera Comunicaciones SECOT	8:30	
				9:00	
		9:30			
		Medicina basada en la evidencia en el tratamiento del dolor GEDOS Grupo de estudio Español		Codo Hombro codo Comunicaciones SECOT	10:00
					10:30
					11:00
				11:30	
Implant infection Infection Free Papers	Partial tears rotator cuff Shoulder/Elbow Instructional Lecture	Infecciones de la columna vertebral GEPESAL Grupo de estudio Español	Reunión de la AO Trauma AO Asociación para el estudio de la Osteosíntesis Sociedad	12:00	
				12:30	
	13:00				
Miscellaneous Bone and joint tumours Free Papers	Rotator cuff Shoulder/Elbow Free Papers	ATR-2 Rodilla Comunicaciones SECOT	Trauma Traumatología Comunicaciones SECOT	13:30	
	Prosthesis Shoulder/Elbow Free Papers				14:00
			Miscelánea Comunicaciones SECOT		14:30
					15:00
				15:30	

SATURDAY  
5 JUNE

08:30 - 09:30

Paediatrics

IL MANAGEMENT OF THE LOWER LIMB DEFORMITIES

ROOM: N113-114

Moderator: Anticevic, Darko (Croatia)

Lecturer: Radler, Christof (Austria)

General Orthopaedic/complications/basic science/technology

FREE PAPER DVT

ROOM: N107

Moderators: Currie, Colin (UK) / Gomar, Francisco (Spain)

- F540 The Influence of Thromboprophylaxis Protocols on Complications Following Hip Replacement  
Authors: Pimple, Mahesh / Jones, Carl / Rosson, John  
Speaker: Pimple, Mahesh (United Kingdom)
- F541 Multinational orthopedic surgeons survey on thromboprophylaxis and perceptions of bleeding events in total hip replacement and total knee arthroplasty  
Authors: Ginzburg, Enrique  
Speaker: Ginzburg, Enrique (United States)
- F542 The pitfalls in following of following thromboprophylaxis guidelines in patients undergoing hip and knee replacements  
Authors: Ferguson, Kim / Brenkel, Amy / Ballantyne, James  
Speaker: Ferguson, Kim (United Kingdom)
- F543 The Efficacy and Safety of Oral Direct Factor Xa Inhibiting Anticoagulants in Elective Total Hip and Knee Arthroplasty: Meta-analyses of 16203 Cases  
Authors: As-Sultany, Mohammed / Polyzois, Ioannis / Panteliadis, Pavlos / West, Robert / Tsiridis, Eleftherios  
Speaker: As-Sultany, Mohammed (United Kingdom) Selected within the best Free Papers
- F544 Dabigatran etexilate once daily has a good safety profile and comparable efficacy to enoxaparin for primary prevention of venous thromboembolism after total knee or hip replacement surgery in overweight and obese patients  
Authors: Kurth, Andreas / Dahl, Ola / Rosencher, Nadia / Schnee, Janet / Clemens, Andreas / Noack, Herbert / Eriksson, Bengt  
Speaker: Kurth, Andreas (Germany)
- F545 The effect of Rivaroxaban on osteoblastic proliferation, function and gene expression  
Authors: Solayar, Gandhi / Walsh, Pauline / Murray, David / Mulhall, Kevin  
Speaker: Solayar, Gandhi (Ireland)

08:30 - 10:00

GUEST SESSION

EFORT - AOTrauma



**AOTRAUMA**

APPLYING BIOMECHANICS TO EVERYDAY FRACTURE TREATMENT

ROOM: N115-116

Organiser: Stoffel, Karl (Switzerland)

Biomechanical rules

Speaker: Stoffel, Karl (Switzerland)

Bad bone, good bone

Speaker: Suhm, Norbert (Switzerland)

Daily failures, life long successes

Speaker: Sommer, Christoph (Switzerland)

Rational surgical approach of osteoporotic fractures

Speaker: Van der Werken, Chris (Netherlands)

Discussion

08:30 - 10:00

Hip

**SYMPOSIUM CURRENT CONTROVERSIES IN YOUNG ADULT HIP SURGERY ROOM: N101-102**

**Organiser: Marin-Peña, Oliver (Spain)**

PAO through Modified Smith-Petersen approach, the safest way  
Speaker: Siebenrock, Klaus (Switzerland)

PAO through minitransartorial approach, fast recovery  
Speaker: Søballe, Kjeld (Denmark)

Minianterior approach in FAI treatment, my first approach  
Speaker: Ribas, Manuel (Spain)

Arthroscopic treatment in FAI, my best opinion  
Speaker: Griffin, Damian (UK)

Sports/knee soft-tissue

**SYMPOSIUM ALLOGRAFT IN SPORT MEDICINE ROOM: N103-104**

**Organiser: Verdonk, René (Belgium)**

Scapholds in sports medicine  
Speaker: Monllau, Juan Carlos (Spain)

Allografts in sports medicine  
Speaker: Thienpont, Emmanuel (Belgium)

Allogenic cartilage transplantation  
Speaker: Almqvist, Fredrik (Belgium)

Meniscal transplants  
Speakers: Verdonk, René (Belgium) / Verdonk, Peter (Belgium)

General Orthopaedic/complications/basic science/technology

**SYMPOSIUM STATISTICAL ANALYSIS IN ORTHOPAEDIC CLINICAL STUDIES ROOM: NEPTUNO**

**Organiser: Jolles-Haeberli, Brigitte (Switzerland) / Lübbecke, Anne (Switzerland)**

Introduction and types of studies  
Speaker: Jolles-Haeberli, Brigitte (Switzerland)

Types of data, simple tests, confidence intervals and p-values  
Speaker: Petrie, Aviva (UK)

Sample size, regressions and survival curves  
Speaker: Biau, David (France)

Systematic errors: biais and confounding, and clinically significant differences  
Speaker: Lübbecke, Anne (Switzerland)

Panel discussion

Shoulder/elbow/arm/forearm

**CCD FRACTURES AND LIGAMENTOUS INJURIES AROUND THE ELBOW ROOM: N111-112**

**Organiser: Antuña, Samuel (Spain)**

The terrible triad revisited  
Speaker: Barco Laakso, Raul (Spain)

The smashed elbow in the elderly: ORIF-TEA  
Speaker: Mansat, Pierre (France)

Complications of radial head fractures  
Speaker: Foruria, Antonio (Spain)

08:30 - 10:00

Knee osseous

FREE PAPER SURGICAL CONSIDERATIONS IN TKA ROOM: N108

Moderators: Innocenti, Massimo (Italy) / Valentí, Joan (Spain)

F631	Comparison of the Preoperative Templating in TKA between Conventional 2D and CT-Based 3D procedures Authors: Kobayashi, Atsushi / Ishii, Yoshinori / Takeda, Mitsuhiro / Noguchi, Hideo / Higuchi, Hiroshi Speaker: Kobayashi, Atsushi (Japan)
F632	Safety of PS TKA: 15 year analysis in a University Hospital with experienced and inexperienced surgeons Authors: Hernigou, Philippe / Poignard, Alexandre / Flouzat-Lachaniette, Charles Henri Speaker: Hernigou, Philippe (France) <span style="float: right;">Selected within the best Free Papers</span>
F633	Do Gender Differences Exist in the Rotational Reference Axis of the Distal Femur? Authors: Akhbari, Pouya / Ball, Simon / Windley, Joe / Rajagopal, Trichy / Nathwani, Dinesh Speaker: Akhbari, Pouya (United Kingdom)
F634	Total knee arthroplasty following high tibial osteotomy. Authors: Ripanti, Simone / Campi, Stefano / Catania, Pompeo / Mura, Piergiorgio / Campi, Andrea / Marin, Sabina Speaker: Ripanti, Simone (Italy)
F635	Minimally invasive total knee replacement does not reduce surgical stress response Authors: Thomassen, Bregje / Ten Kate, Joop / Draijer, W. / Kort, Nanne / Verburg, Aart Speaker: Verburg, Aart (Netherlands)
F636	Influence of the PCL and Patella Position on the Gap Kinematics in TKA Authors: Kendoff, Daniel / Laskin, Richard / Citak, Mustafa / Pearle, A. / Plaskos, Christopher / Mayman, David Speaker: Kendoff, Daniel (Germany)
F637	Comparison of cruciate sacrificing and cruciate retaining TKR - minimum 2 year follow-up Authors: Blyth, Mark / Stother, Ian / May, Pauline / Leach, William / Crawford, Edward / James, Peter / Gerrard Tarpey, Wendy / Brown, Susan Speaker: Blyth, Mark (United Kingdom)
F638	Patients with rotational mismatch between femur and tibia after TKA show no improvement in the Knee Society Function Score and different kinematics Authors: Lützner, Jörg / Kirschner, Stephan / Günther, Klaus / Harman, Melinda Speaker: Lützner, Jörg (Germany)
F639	Closed suction drainage after primary total knee replacement: a prospective observational cohort Authors: Maclaren, Tom / Vasireddy, Aswinkumar / Yeoh, David / Mccart, Rose / Ahmed, Bessam / Koka, Ravi Speaker: Maclaren, Tom (United Kingdom)

08:30 - 11:30

Knee osseous

(pre-registration mandatory)

EXMEX THE OPTIONS IN KNEE ARTHROPLASTY ROOM: COLON

Organiser: Argenson, Jean-Noël (France)

The femoro-tibial compartment  
Speaker: Montserrat, Ferran (Spain)

The cruciate ligaments  
Speaker: Schiavone, Alfredo (Italy)

The bone loss  
Speaker: Klauser, Wolfgang (Germany)

The patello-femoral compartment  
Speaker: Thienpont, Emmanuel (Belgium)

09:30 – 10:30

GUEST SESSION

**FORTE**



FORTE SESSION

ROOM: N113-114

**Organiser: Janssen, Michiel (Netherlands)**

Welcome – Overview concerning the past year. Plans during the coming year  
Speaker: Janssen, Michiel (Netherlands)

European-wide recognition of Orthopaedic training: the European exam  
Speaker: Guriel, Enis (UK)

EFORT resident courses and fellowships in 2010-2011  
Speaker: Hofstee, Dirk-Jan (Netherlands)

FORTE's general assembly and board election 2010-2011

**General Orthopaedic/complications/basic science/technology**

FREE PAPER PAIN CONTROL

ROOM: N107

**Moderators: Steens, Wolfram (Germany) / Gomez Castresana, Fernando (Spain)**

F547 No reduction in opioid requirements or pain with repeated intraarticular application of local anaesthesia after osteosynthesis of femoral neck fracture.  
Authors: Bech, Rune / Lauritsen, Jens / Ovesen, Ole / Emmeluth, Claus / Lindholm, Peter / Overgaard, Soren  
Speaker: Bech, Rune (Denmark)

F548 A longitudinal study of opioid withdrawal-induced hyperalgesia in patients with chronic low back pain  
Authors: Wang, Hail / Weinsheimer, Nina / Schiltewolf, Marcus  
Speaker: Wang, Hail (Germany)

F549 The patient experience of chronic pain following total knee replacement surgery.  
Authors: Jeffery, Alison / Horwood, Jeremy / Blom, Ashley / Wylde, Vikki  
Speaker: Jeffery, Alison (United Kingdom)

F550 Can I.V. Paracetamol Reduce the Opiate Usage in Acute Fracture Neck of Femur Patients? A District General Hospital Experience.  
Authors: Tsang, Kai / Page, Jonathan / Mackenney, Paul  
Speaker: Tsang, Kai (United Kingdom)

F551 The efficacy of brachial plexus block in diabetic patients. A prospective study  
Authors: Isaac, Sherif / Dias, Joseph / Gaur, Atul  
Speaker: Isaac, Sherif (United Kingdom)

10:00 – 11:30

**Infection**

(simultaneous translation English-Spanish)

PLENARY  
SESSION

**MUSCULOSKELETAL INFECTIONS**

ROOM: N103-104

**Organiser: Cordero-Ampuero, José (Spain)**

Septic arthritis of paediatric hip  
Speaker: Epeldelgui, Tomas (Spain)

Last decade advances in antibiotic therapy  
Speaker: Cordero-Ampuero, José (Spain)

Management of septic shoulder prosthesis – a multicenter European experience Part 1  
Speaker: Romano, Carlo-Luca (Italy) / Co-author: Stuyck, Jose (Belgium)

Management of septic shoulder prosthesis – a multicenter European experience Part 2  
Speaker: Borens, Olivier (Switzerland) / Co-author: Meani, Enzo (Italy)

Vascularized Bone Grafts (VBGs) in septic non-unions in the upper extremity  
Speaker: Malizos, Konstantinos (Greece)

Discussion

10:00 – 11:30

Upper limb

FREE PAPER UPPER EXTREMITIES (3 MINUTES FREE PAPER)

ROOM: N115–116

Moderators: Kopylov, Philippe (Sweden) / Martin-Ferrero, Miguel (Spain)

F613	No correlation between shortening and clinical result after midshaft fracture of the clavicle. Authors: Rasmussen, Jeppe / Jensen, Steen / Lausten, Gunnar / Petersen, Jens / Olsen, Bo Speaker: Rasmussen, Jeppe (Denmark)
F614	Surgical outcome of displaced clavicle shaft fractures. A comparative study of infraclavicular and direct approach. Authors: Jain, Shiv / Katam, K. / Alshameeri, Z. / Sonsale, Paresh / Ibrahim, M. Speaker: Jain, Shiv (United Kingdom)
F615	Outcomes of locking plates in proximal humerus fractures: A systematic review Authors: Dheerendra, Sujay / Khan, Wasim / Barber, Julie / Goddard, Nicholas / Ahrens, Philip Speaker: Dheerendra, Sujay (United Kingdom)
F616	Rotator cuff Tear Repair During Internal Fixation of Accompanied Proximal Humerus Fractures and Clinical Outcomes Authors: Aksu, Neslihan / Aslan, Omer / Kara, Nedim / Isiklar, Ugur Speaker: Aksu, Neslihan (Turkey)
F617	Minimal invasive surgery for comminuted fractures of the proximal humerus Authors: Volpin, Gershon / Lichtenstein, Leonid / Kaushanski, Alexander / Shtarker, Haim / Shachar, Ravid Speaker: Volpin, Gershon (Israel)
F618	Isolated compression for humeral shaft nonunion with intramedullary nailing Authors: Apard, Thomas / Cronier, Patrick / Hubert, Laurent / Steiger, Vincent / Bizot, Pascal Speaker: Apard, Thomas (France)
F619	Supracondylar fractures of the humerus in children – results of 10 years of surgical treatment Authors: Fernandes, Sofia / Barbosa, Augusto / Ferreira, José / Cerqueira, Rui / Ferrero, José / Reis, Joel / Moreira, António Speaker: Fernandes, Sofia (Portugal)
F620	Role of the intermediate fragment and relevance in operative treatment of olecranon fractures Authors: Von Rüden, Christian / Hierholzer, Christian / Bühren, Volker / Trentz, Otmar / Woltmann, Alexander Speaker: Von Rüden, Christian (Germany)
F621	Radial Head Fracture – Resection or Fixation five years later Authors: Jovanovic, Nebojsa / Jovanovic, Snezana / Ristic, Dejan / Cvetkovic, Voja / Vracevic, Branislav Speaker: Jovanovic, Nebojsa (Serbia and Montenegro)
F622	Intra-articular distal radius fractures: importance of different tools for minimally invasive surgical treatment Author: Dailiana, Zoe / Basdekis, George / Varitimidis, Sokratis / Karamanis, Nikolaos / Kazantzi, Vassiliki / Rizos, Panagiotis / Fotiadis, Dimitris / Iohom, Gabriella / Tokmakova, Keti / Molchovski, Petar / Malizos, Konstantinos Speaker: Dailiana, Zoe (Greece)
F623	Arthroscopic tenodesis (bone-tendon-tenodesis) a new surgical technique for scapholunate instability: cadaver preliminary study Author: Corella, Fernando / Del Cerro, Miguel / Larrainzar, Ricardo Speaker: Corella, Fernando (Spain)
F624	Regional anaesthesia in a tertiary hand surgery unit: 1791 cases over 1 year Author: Swindells, Mark / Chennagiri, Ramesh / Cresswell, Tim Speaker: Swindells, Mark (United Kingdom)
F625	The effect of local anaesthetics in rehabilitation after open carpal tunnel surgery Author: Karamanis, Nikolaos / Papanagiotou, Marianthi / Varitimidis, Sokratis / Basdekis, George / Stamatiou, Georgia / Dailiana, Zoe / Malizos, Konstantinos Speaker: Karamanis, Nikolaos (Greece)
F626	Can suture pre-tensioning reduce plastic deformation? Author: Smith, George / Anakwe, Raymond / Wallace, Robert / Mceachan, Jane Speaker: Smith, George (United Kingdom)
F627	Patient Outcomes Following Wrist Ganglion Excision Surgery Author: Craik, Johnathan / Walsh, Sean Speaker: Craik, Johnathan (United Kingdom)
F628	The severe polytrauma with an ISS $\geq$ 50 Author: Wurm, Simone / Röse, Marc / Woltmann, Alexander / Bühren, Volker Speaker: Wurm, Simone (Germany)

10:00 – 11:30

- F629 A minimum 2 year follow-up of trochanteric fixation using a third generation device  
Author: Haddad, Fares / Barrack, Robert / Soler, Agustin  
Speaker: Haddad, Fares (United Kingdom)
- 
- F630 Results of Dall Miles cable plate fixation for periprosthetic fractures of femur: are two plates better than one.  
Author: Sabnis, Bhushan / Ahmed, Issaq / Chesney, David  
Speaker: Sabnis, Bhushan (United Kingdom)

10:30 – 11:30

GUEST SESSION

EFORT



EFORT EFORT FELLOWSHIP PROGRAMME – “AN EXPERIENCE EXCHANGE” ROOM: N111-112

**Organiser: Marcacci, Maurilio (Italy)**

Welcome

Speaker: Marcacci, Maurilio (Italy)

Back to the beginning of the EFORT Travelling Fellowships

Speaker: Auersperg, Vinzenz (Austria)

Report about his experiences as fellow in Norway

Speaker: Murnaghan, Mark (Ireland)

Report about his experiences as organiser and teacher on the Travelling Fellowship in Norway

Speaker: Holen, Ketil (Norway)

Report about his experiences as fellow in Italy

Speaker: Giordmaina, Ryan (Malta)

Report about his experiences as organiser and teacher on the Travelling Fellowship in Italy

Speaker: Marcacci, Maurilio (Italy)

Summary and introduction of Philippe Neyret: New chairman EFORT Travelling & Visiting Fellowships

Speakers: Marcacci, Maurilio (Italy) / Neyret, Philippe (France)

General Orthopaedic/complications/basic science/technology

FREE PAPER TRAUMA ROOM: N107

**Moderators: Caviglia, Horacio (Argentina) / Caba, Pedro (Spain)**

- F552 Algorithm based on the Letournel classification system in complex acetabular fractures.  
Authors: Antypas, Georgios / Louverdis, Dionysios / Konstas, Athanasios / Plessas, Spyridon / Mavroidis, Panagiotis / Bourlekas, Athanasios / Prevezas, Nikolaos  
Speaker: Antypas, Georgios (Greece)
- 
- F553 Long term Sequelae Following Fasciotomy In Trauma Patients  
Authors: Dover, Mary / Marafi, Hanan / Quinlan, John  
Speaker: Dover, Mary (Ireland)
- 
- F554 Routine laboratory tests in adult trauma – are they necessary?  
Authors: Duggan, Simon / Ghosh, Laura / Mccann, Philip  
Speaker: Mccann, Philip (United Kingdom)
- 
- F555 The degree of fracture-associated soft tissue injury modifies systemic inflammation and remote organ dysfunction following bilateral femur fracture  
Authors: Kobbe, Philipp / Lichte, Philipp / Pfeifer, Roman / Pape, Hans Christoph  
Speaker: Kobbe, Philipp (Germany)
- 
- F556 An experimental study into forearm compartmental pressures  
Authors: Ardolino, Antonella / Zeineh, Nedal / O'Connor, David  
Speaker: Ardolino, Antonella (United Kingdom)
- 
- F557 Audit of Hip Fracture Management – The Impact of a Proforma Pathway  
Authors: Butt, David / Chana, Rishi / Husain, Naz / Proctor, Bev / David, Lee / Slater, Guy  
Speaker: Butt, David (United Kingdom)

12:00 - 13:00

Hip

IL	<b>HIP RESURFACING</b> Moderator: Søballe, Kjeld (Denmark)	ROOM: N101-102
	Lecturer: McMinn, Derek (UK)	

Shoulder/elbow/arm/forearm

IL	<b>PARTIAL TEARS ROTATOR CUFF</b> Moderator: Mader, Konrad (Norway)	ROOM: NEPTUNO
	Lecturer: Cartucho, Antonio (Portugal)	

General Orthopaedic/complications/basic science/technology

FREE PAPER	<b>JOINT REPLACEMENT</b>	ROOM: N107
	Moderators: Tein, Toomas (Estonia) / García de Lucas, Fernando (Spain)	

F558	Hip Resurfacing Arthroplasty: The Effect of Anterior and Posterior Notching on Fracture Resistance Authors: Higgins, Gordon / Morison, Zac / Olsen, Michael / Lewis, Peter / Schemitsch, Emil Speaker: Higgins, Gordon (United Kingdom)
F559	Implant-specific identification cards for hip and knee arthroplasty patients. Authors: Kandel, Leonid / Firman, Shimon / Rivkin, Gurion / Toybenshlak, Michael / Liebergall, Meir / Mattan, Yoav Speaker: Firman, Shimon (Israel)
F560	Outcome of primary lower limb arthroplasty in the Super-Elderly Authors: Clement, Nicholas / Macdonald, D. / Biant, L. Speaker: Clement, Nicholas (United Kingdom)
F561	Patient concerns about total joint replacement in Europe studied by internet search term analysis Authors: Grimm, Bernd Speaker: Grimm, Bernd (Netherlands)
F562	How much do we cut during distal femoral resection for total knee replacement?: an MRI based study of distal femoral morphology Authors: Mohanlal, Paraskumar / Jain, Sunil Speaker: Mohanlal, Paraskumar (United Kingdom)
F563	Publication rate of papers presented in the National Orthopaedic Association meetings. Authors: Kandel, Leonid / Mattan, Rom / Mattan, Yoav Speaker: Kandel, Leonid (Israel)

Spine (incl. Trauma)

FREE PAPER	<b>LUMBAR DEGENERATIVE</b>	ROOM: N108
	Moderators: Neves, Nuno (Portugal) / Combalia, Andres (Spain)	

F640	Which are patients expectancies before surgery to treat degenerative lumbar disease? Authors: Abad, Rosa / Ramirez, Manuel / Molina, Antoni / Salo, Guillem / Llado, Andreu / Caceres, Enric Speaker: Abad, Rosa (Spain)
F641	Post-operative oral intake regime following lumbar decompression-fusion surgery. Authors: Kakwani, Rajeshkumar / Parasher, Yogesh / Kakkar, Rahul / Cross, Anthony Speaker: Kakwani, Rajeshkumar (United Kingdom)
F642	How far can you go laterally during lumbar spine decompression before considering stabilisation? An MRI morphometric study Authors: Lakshmanan, Palaniappan / Bull, Damian / Sher, Joel Speaker: Lakshmanan, Palaniappan (United Kingdom)
F643	The effects of fusion and non fusion methods on the sagittal lumbar profile and the development of ASD Authors: Zencica, Pavel / Chaloupka, Richard / Navrat, Tomas / Cienciala, Jan Speaker: Zencica, Pavel (Czech Republic)

12:00 – 13:00

F644	Retrospective Cohort Study Comparing Open Decompression and Interspinous Device Insertion for Lumbar Spinal Stenosis Authors: Robinson, Simon / Fountain, James / Pennis, Bruce Speaker: Robinson, Simon (United Kingdom)
F645	Clinical results of lumbar total disc arthroplasty in accordance with Modic signs, with a 2 year minimal follow-up Authors: Blondel, Benjamin / Tropiano, Patrick / Marnay, Thierry Speaker: Blondel, Benjamin (France)
F646	Clinical results of total lumbar disc replacement regarding to various aetiologies of the disc degeneration: a study with a 2 year minimal follow-up Authors: Blondel, Benjamin / Tropiano, Patrick / Marnay, Thierry Speaker: Blondel, Benjamin (France)

12:00 – 13:30

Paediatrics

<b>SYMPOSIUM</b>	<b>LEGG PERTHES CALVÉ DISEASE</b>	<b>ROOM: N113-114</b>
	Organiser: Dimeglio, Alain (France)	
	Where are we? In what directions we are going? Speaker: Dimeglio, Alain (France)	
	What about the past? Speaker: Anticevic, Darko (Croatia)	
	What about the future? Speaker: Krauspe, Rüdiger (Germany)	
	Cases presentation. Before 6 years. After 9 years. Late cases Speaker: Kaelin, André (Switzerland)	

Knee osseous

<b>SYMPOSIUM</b>	<b>STIFF TKA</b>	<b>ROOM: N115-116</b>
	Organiser: Lobenhoffer, Philipp (Germany)	
	Introduction Speaker: Lobenhoffer, Philipp (Germany)	
	Which general factors are of influence? Speaker: Defoort, Koen (Netherlands)	
	Malrotation of components. Is it important for stiffness? Speaker: Drobný, Tomas (Switzerland)	
	Arthrofibrosis in total knee. Does it exist? Speaker: Lobenhoffer, Philipp (Germany)	
	Infection as cause of stiffness. How to diagnose and treat? Speaker: Trampuz, Andrej (Switzerland)	
	Surgical treatment of stiff total knee prosthesis Speaker: Neyret, Philippe (France)	
	Discussion (cases, floor discussion)	

Trauma / polytrauma

<b>FREE PAPER</b>	<b>POLYTRAUMA AND ACETABULAR FRACTURES</b>	<b>ROOM: N111-112</b>
	Moderators: de Pedro, José Antonio (Spain) / Guerado, Enrique (Spain)	
F579	Damage control orthopaedics in polytraumatized patients Authors: Volpin, Gershon / Shtarker, Haim / Trajkovska, Neda / Saveski, Jordan Speaker: Volpin, Gershon (Israel)	
F580	Air Bag and Seat Belt: Friend or Foe? Authors: Chong, Mark / Broome, Guy / Wang, Stewart Speaker: Chong, Mark (United Kingdom)	

12:00 - 13:30

F581	Acetabular fractures with marginal impaction: clinical results Authors: Giannoudis, Peter / Kanakaris, Nikolaos / Nikolaou, Vassilios / Prevezas, Nikolaos Speaker: Kanakaris, Nikolaos (United Kingdom)
F582	Clinical outcome following reconstruction of anterior column - anterior wall fractures of the acetabulum Authors: Kanakaris, Nikolaos / Mallina, Ravi / Giannoudis, Peter Speaker: Kanakaris, Nikolaos (United Kingdom)
F583	The PFNA TM proximal femoral nail antirotation with helical blade in the treatment of proximal femoral extracapsular fractures in the elderly ; About 98 cases. Authors: Charpail, Christel / Bertani, Antoine / Soucanye De Landevoisin, Emmanuel / Candoni, Philippe / Demortière, Eric Speaker: Charpail, Christel (France)
F584	20-Year Survivorship of the Hip After Fixation of Acetabular Fractures Authors: Tannast, Moritz / Najibi, Soheil / Matta, Joel Speaker: Tannast, Moritz (United States)
F586	CT-guided iliosacral screw fixation in instable pelvic ring lesions - Clinical results and technical recommendations Authors: Piltz, Stefan / Rubenbauer, Bianka / Pieske, Oliver / Reiser, Maximilian / Hoffmann, Ralf-Thorsten Speaker: Piltz, Stefan (Germany)
F587	Comparative study of the morbidity of Supra-acetabular pins versus Iliac Crest pins in Pelvic External Fixation Authors: Alipour, Faz / Putti, Amit / Moaveni, Ash / Fogarty, Michael / Esser, Max Speaker: Alipour, Faz (United Kingdom)
F588	Quality of life changes after pelvic and acetabular fracture surgery Authors: Borg, Tomas / Totterman, Anna / Larsson, Sune Speaker: Borg, Tomas (Sweden)

Infection

FREE PAPER	IMPLANT INFECTION	ROOM: COLON
	Moderators: Malizos, Konstantinos (Greece) / Romano, Carlo-Luca (Italy)	
F659	"Real-time" quantitative monitoring of staphylococcal biofilm formation on bone grafts and bone substitutes. A comparison between microcalorimetry and a standard method Authors: Clauss, Martin / Bohner, Marc / Borens, Olivier / Trampuz, Andrej / Ilchmann, Thomas Speaker: Clauss, Martin (Switzerland)	
F660	The impact of change in prophylactic antibiotics on rates of Clostridium Difficile. A retrospective parallel cohort study in 1748 trauma patients. Authors: Rushbrook, Jeremy / El-Sharkawy, Ahmed / Bird, Amy / Tsiridis, Eleftherios Speaker: Rushbrook, Jeremy (United Kingdom)	
F661	The incidence of Clostridium Difficile and wound infections related to two antibiotic prophylaxis regimes for metalwork implantation in Trauma and Orthopaedic surgery. Authors: Al-Obaydi, Waleed / Smith, Chris / Foguet, Pedro Speaker: Al-Obaydi, Waleed (United Kingdom)	
F662	Interface membrane is the best sample of periprosthetic tissue for histological study to diagnose infection arthroplasties Authors: Bori, Guillem / Garcia, Sebastian / Font, Lluís / Muñoz-Mahamad, Ernesto / Gallart, Xavier / Mallofre, Carme / Riba, Josep / Mensa, Josep / Sierra, Josep / Tomas, Xavier / Fuster, David / Zumbado, Alonso / Soriano, Alex Speaker: Bori, Guillem (Spain)	
F664	Comparison of methods for femoral fixation of articulating, antibiotic-loaded hip spacers Authors: Anagnostakos, Konstantinos / Jung, Jung / Kelm, Jens / Schmitt, Eduard / Schmid, Nora Speaker: Anagnostakos, Konstantinos (Germany)	
F665	Custom hand made articulating spacers in two stage revision for infected total knee arthroplasty. Do it yourself. Authors: Villanueva, Manuel / Ríos-Luna, Antonio / Fahandez-Saddi, Homid / Pereiro, Javier / Sanchez-Somolinos, Mar / Vaquero, Javier / Chana, Francisco / Benito, Felipe / Marín, Mercedes / Diaz-Mauriño, Juan / Fernandez-Mariño, Jose Ramón Speaker: Villanueva, Manuel (Spain)	
F666	Failure after Revision THR because of Deep Infection Authors: Ostendorf, Marieke / Malchau, Henrik / Kärrholm, Johan / Dhert, Wouter / Eisler, Thomas Speaker: Ostendorf, Marieke (Netherlands)	

12:00 – 13:30

- F667 Reconstruction of massive bone loss due to periprosthetic infection using proximal femoral allograft-prosthesis composites (APC)  
 Authors: Babis, George / Sakellariou, Vasileios / O'Connor, Mary / Hanssen, Arlen / Sim, Franklin  
 Speaker: Sakellariou, Vasileios (Greece)

12:00 – 14:00

Sports/knee soft-tissue

FREE PAPER SPORTS ACL

ROOM: N103-104

Moderators: Espregueira-Mendes, Joao (Portugal) / Monllau, Juan Carlos (Spain)

- F528 Improved recognition of ACL ruptures on MRI using a 4 point card  
 Authors: Patel, Shelain / Hossain, Fahad / El-Husseiny, Moataz / Haddad, Fares  
 Speaker: Patel, Shelain (United Kingdom)
- F529 Instrumented measurements of knee laxity: KT1000 vs navigation  
 Authors: Monaco, Edoardo / Maestri, Barbara / Labianca, Luca / Speranza, Attilio / Ferretti, Andrea  
 Speaker: Labianca, Luca (United Kingdom)
- F530 A One-Page Form to Collect Knee Outcomes Data in a Sports Medicine Practice  
 Authors: Briggs, Karen / Rodkey, William / Steadman, J  
 Speaker: Briggs, Karen (United States)
- F531 Generalized ligament laxity in patients undergoing revision ACL reconstruction  
 Authors: Akhtar, Muhammad / White, Timothy / Keating, John  
 Speaker: Akhtar, Muhammad (United Kingdom)
- F532 Posterior tibial slope: is it a risk factor for ACL injuries?  
 Authors: Hohmann, Erik / Bryant, Adam / Tetsworth, Kevin / Urbaniak, Monika  
 Speaker: Hohmann, Erik (Australia)
- F533 Tunnel enlargement in ACL reconstruction with hamstring tendons. A CT study with two different techniques and devices  
 Authors: Iorio, Raffaele / Conteduca, Fabio / Conteduca, Jacopo / Vadalà, Antonio / Basigliani, Luca / Argento, Giuseppe / Ferretti, Andrea  
 Speaker: Vadalà, Antonio (Italy)
- F534 Single and double bundle ACL reconstruction. Prospective randomized study with mid-term (44 months) follow-up  
 Authors: Stefani, Giacomo / Mattiuzzo, Valerio / Prestini, Greta / Marcocci, Ignazio  
 Speaker: Stefani, Giacomo (Italy)
- F535 Quality of Life (QOL) 5-Years after Anterior Cruciate Ligament (ACL) Reconstruction.  
 Authors: Parratte, Sebastien / Sorenson, Matthew / Dahm, Diane / Larson, Dirk / O'Byrne, Megan / Pagnano, Mark / Stuart, Michael / Smith, Aynsley / Berry, Daniel  
 Speaker: Parratte, Sebastien (France)
- F536 Long-term results after ACL reconstruction using BPT vs Hamstring Graft in an implant free press-fit technique - A 9 year follow-up  
 Authors: Wipfler, Benjamin / Donner, Stefanie / Zechmann, Christian / Springer, Jan / Siebold, Rainer / Paessler, Hans  
 Speaker: Paessler, Hans (Germany)
- F537 Straight, curved or mini-incisions in knee surgery: a histopathology comparison and review of cutaneous nerve anatomy  
 Authors: Hassaballa, Mo / Porteous, Andrew / Murray, James  
 Speaker: Hassaballa, Mo (United Kingdom)
- F538 Arthroscopic treatment of mucoid degeneration of the anterior cruciate ligament: Medium term follow-up results about 29 cases.  
 Author: Boisrenoult, Philippe / Lintz, Francois / Dejour, David / Pujol, Nicolas / Beaufile, Philippe  
 Speaker: Boisrenoult, Philippe (France)
- F539 Influence of Medial Versus Lateral Meniscectomy on the Kinematics of the ACL-deficient Knee  
 Author: Suero, Eduardo / Musahl, Volker / Bedi, Asheesh / O'Loughlin, Padhraig / Choi, Daniel / Citak, Musa / Pearle, Andrew  
 Speaker: Suero, Eduardo (United States)
- F701 MRI for diagnosing meniscal pathology: are we overdoing it?  
 Author: Nazir, Ali / Cragg, James / Roy, William  
 Speaker: Cragg, James (United Kingdom)

13:00 - 14:00

**Knee osseous**

**FREE PAPER KNEE ARTHROPLASTY**

**ROOM: N107**

**Moderators: Biau, David (France) / Maculé, Francisco (Spain)**

- F564 Predicting Bone Damage and Implant Subsidence after Total Knee Arthroplasty  
Authors: D'Iima, Darryl / Kester, Mark / Wong, Jowene / Steklov, Nikolai / Patil, Shantanu / Colwell, Clifford  
Speaker: Kester, Mark (United States)
- F565 Maintaining Standards in Total Knee Arthroplasty - use of a computer based assessment tool in monitoring post-operative radiological outcome  
Authors: Vasireddy, Aswinkumar / Navadgi, Basalingappa / Deo, Sandeep / Satish, Venkat / Lowdon, Ian  
Speaker: Vasireddy, Aswinkumar (United Kingdom) Selected within the best Free Papers
- F566 In-vitro femoral component loosening of TKA: comparison of high-flex and conventional PS designs  
Authors: Innocenti, Bernardo / Bollars, Peter / Luyckx, Jean-Philippe / Labey, Luc / Victor, Jan / Bellemans, Johan  
Speaker: Bollars, Peter (Belgium)
- F567 Effect of Total Knee Arthroplasty on Varus Knee Biomechanics During Gait  
Authors: Deshmukh, Ajit / Orishimo, Karl / Kremenec, Ian / Mchugh, Malachy / Rodriguez, Jose / Nicholas, Stephen  
Speaker: Rodriguez, Jose (United States)
- F568 Comparison of cross sections of the femoral component of different bicondylar knee endoprostheses with regard to revision arthroplasty  
Authors: Zietz, Carmen / Ellenrieder, Martin / Bergschmidt, Philipp / Fritsche, Andreas / Mittelmeier, Wolfram / Bader, Rainer  
Speaker: Bergschmidt, Philipp (Germany)
- F569 Why do Radiolucencies appear at the Tray Wall following Partial Knee Replacement?  
Authors: Simpson, David / Kendrick, Ben / Gill, Harinderjit / Pandit, Hemant / Dodd, Chris / Price, Andrew / Murray, David  
Speaker: Kendrick, Ben (United Kingdom)

**Spine (incl. Trauma)**

**FREE PAPER CERVICAL**

**ROOM: N108**

**Moderators: Korres, Dimitrios (Greece) / Villas Tome, Carlos (Spain)**

- F647 Evaluation of a novel cervical spine posterior fixation technique using C1 arch screws: An in-vitro cadaveric biomechanical study.  
Authors: Appleyard, Richard / Donnellan, Michael / Sears, William  
Speaker: Appleyard, Richard (Australia)
- F648 Anterior transarticular C1-2 fusion in atlanto-axial instabilities. 2 year-results of a considerate procedure in elder patients.  
Authors: Josten, Christoph / Jarvers, Jan-Sven / Riesner, Hans-Joachim / Siekmann, Holger / Blattert, Thomas  
Speaker: Josten, Christoph (Germany)
- F649 The effect of placement of the LP prestige disc on the segmental motion.  
Authors: Kasis, Ata / Taranu, Razwan / Marshman, Laurence / Friesem, Tai  
Speaker: Kasis, Ata (United Kingdom)
- F650 Does duration of symptoms affect the outcome of Cervial Disc Replacement (TDA)?  
Authors: Kasis, Ata / Taranu, Razwan / Marshman, Laurence / Friesem, Tai  
Speaker: Kasis, Ata (United Kingdom)
- F651 Cervical Spondylotic Mielopathy-Minimal 10 years Follow Up  
Authors: Ribeiro Silva, Manuel / Pinto, Rui / Oliveira, Jose / Neves, Nuno / Matos, Rui / Rodrigues, Pedro / Simões, C. / Trigo Cabral, Abel  
Speaker: Ribeiro Silva, Manuel (Portugal)
- F652 Mid-term follow up of whiplash with Bournemouth Questionnaire: The significance of the 5/1 ratio  
Authors: Amirfeyz, Rouin / Griggs, Rebecca / Cook, Jonathan / Gargan, Martin / Bannister, Gordon  
Speaker: Amirfeyz, Rouin (United Kingdom)

13:00 – 14:00

Shoulder/elbow/arm/forearm

FREE PAPER ROTATOR CUFF

ROOM: NEPTUNO

Moderators: Mader, Konrad (Norway) / Calvo, Emilio (Spain)

- F680 Is physiotherapy beneficial after arthroscopic subacromial decompression?  
Authors: Kordas, Geza / Sinha, Maneesh / Benson, Richard  
Speaker: Kordas, Geza (United Kingdom)
- F681 Healing of arthroscopic portals in shoulder surgery: a randomised controlled trial comparing different methods of closure  
Authors: Loveridge, Jeremy / Gardner, Richard / Barnett, Andrew / Davis, Nicky / Dunkley, Alan  
Speaker: Loveridge, Jeremy (United Kingdom)
- F682 Effect of the Diameter of the Suture Passer on the Resistance of the Rotator Cuff Repair  
Authors: Vaisman, Alex / Melean, Patricio / Figueroa, David / Calvo, Rafael / Toro, Felipe  
Speaker: Vaisman, Alex (Chile)
- F683 Identifying Differentiating Features Between Normal And Torn Rotator Cuff Tendons Using Fourier Transform Infrared Spectroscopy  
Authors: Chaudhury, Salma / Dicko, Cedric / Vollrath, Fritz / Carr, Andrew  
Speaker: Chaudhury, Salma (United Kingdom)
- F684 Comparison of tendon repair and physiotherapy in the treatment of small and medium-sized tears of the rotator cuff – a randomised study of 103 patients  
Authors: Moosmayer, Stefan  
Speaker: Moosmayer, Stefan (Norway)
- F685 Arthroscopic transosseous rotator cuff repair – biomechanical and clinical evaluation of the technique  
Authors: Cicak, Nikola / Klobucar, Hrvoje / Trsek, Denis / Simic, Marijana / Starcevic, Damir  
Speaker: Cicak, Nikola (Croatia)

13:00 – 15:30

Hip

FREE PAPER RESURFACING THA

ROOM: N101-102

Moderators: McMinn, Derek (UK) / Marin-Peña, Oliver (Spain)

- F513 Surface replacement arthroplasty in the NARA data base  
Authors: Johanson, Per-Erik / Fenstad, Anne / Furnes, Ove / Garellick, Göran / Havelin, Leif / Herberts, Peter / Overgaard, Sören / Pedersen, Alma / Kärrholm, Johan  
Speaker: Johanson, Per-Erik (Sweden)
- F514 Hip resurfacing revision rates – radiological assessment of risk factors  
Authors: Ramisetty, Narendra / Krishnan, Murali / Partington, Paul  
Speaker: Ramisetty, Narendra (United Kingdom)
- F515 Durom® hip resurfacing arthroplasty: Five-year results of the first 50 consecutive cases  
Authors: Naal, Florian / Pilz, Ronny / Guggi, Thomas / Munzinger, Urs / Hersche, Otmar / Leunig, Michael  
Speaker: Naal, Florian (Switzerland)
- F516 Five to Ten Year Results of the Birmingham Hip Resurfacing  
Authors: Rahman, Luthfur / Muirhead-Allwood, Sarah  
Speaker: Rahman, Luthfur (United Kingdom)
- F517 Return to Work and Sport following THR and hip resurfacing  
Authors: Mclauchlan, George / Griffen, Michelle  
Speaker: Griffen, Michelle (United Kingdom)
- F518 Hip resurfacing and osteonecrosis: Independent assessment of a multisurgeon cohort  
Authors: Rao, Manthathi / Aulakh, Tajeshwar / Kuiper, Jan-Herman / Richardson, James  
Speaker: Rao, Manthathi (United Kingdom)
- F519 Bone Mineral Density Changes after Surface Replacement of the Hip: A five year DEXA study  
Authors: Isaac, Graham / Toumasis, Stylianos / Siebel, Thomas  
Speaker: Isaac, Graham (United Kingdom)

13:00 – 15:30

F520	Neck Narrowing in Resurfaced Hips with Inflammatory Pseudotumour. Authors: Grammatopoulos, George / Pandit, Hemant / Gill, Harinderjit / Murray, David Speaker: Grammatopoulos, George (United Kingdom)
F521	Head-Neck Ratio Changes in Resurfaced Hips and Their Significance Authors: Gill, Harinderjit / Grammatopoulos, George / Pandit, Hemant / Glyn-Jones, Sion / Whitwell, Duncan / Mclardy-Smith, Peter / Taylor, Adrian / Gundle, Roger / Murray, David Speaker: Glyn-Jones, Sion (United Kingdom)
F522	Increased strain in the femoral neck following insertion of a femoral resurfacing prosthesis Authors: Wik, Tina / Oestbyhaug, Per / Klaksvik, Jomar / Aamodt, Arild Speaker: Wik, Tina (Norway)
F523	Optimum Acetabular Component Position for Reduced Ion Levels in Hip Resurfacing Author: Grammatopoulos, George / Kwon, Young-Min / Langton, David / Pandit, Hemant / Gundle, Roger / Whitwell, Duncan / Mclardy-Smith, Peter / Murray, David / Gill, Harinderjit Speaker: Gill, Harinderjit (United Kingdom)
F524	Femoral Head Augmentation With Metal-On-Metal Hip Resurfacing Is Effective For Severe Dysplasia Author: Moroni, Antonio / Hoque, Martha / Micera, Giovanni / Orsini, Riccardo / Samy, Ahmed / Giannini, Sandro Speaker: Moroni, Antonio (Italy)
F525	Femoral Neck Fracture Following Hip Resurfacing: is notching a likely cause? Author: Simpson, David / Kueny, Rebecca / Murray, David / Zavatsky, Amy / Gill, Harinderjit Speaker: Gill, Harinderjit (United Kingdom)
F526	In Vivo Edge-Loading during Functional Activities in Metal-on-Metal Hip Resurfacing Patients with Pseudotumours Author: Kwon, Young-Min / Mellon, Stephen / Murray, David / Gill, Harinderjit Speaker: Mellon, Stephen (United Kingdom)
F527	Long term outcome in modern hip resurfacing arthroplasty. A minimum of 10 years follow up. Author: Lewis, Peter / Alo, Kemi / Chakravarthy, Jag / Isbister, Eric Speaker: Alo, Kemi (United Kingdom)

13:30 – 15:30

Trauma / polytrauma

FREE PAPER ELBOW AND FOREARM

ROOM: N111-112

Moderators: de Pedro, José Antonio (Spain) / Cano, Pedro (Spain)

F594	Angle stabile treatment of proximal humerus fractures: A review of 12 year experience Authors: Haselhuhn, Klaus-Dieter / Langhans, Matthias Speaker: Haselhuhn, Klaus-Dieter (Germany)
F589	Comparison of two rehabilitation programs for simple posterior elbow dislocation. Authors: Papadimitriou, Georgios / Thanasis, Christos / Paraskevopoulos, Ilias / Papadopoulos, Georgios / Papanikolaou, Athanassios Speaker: Papadimitriou, Georgios (Greece)
F590	Hinged elbow fixator for complex fracture-dislocations of the elbow Authors: Giannicola, Giuseppe / Sacchetti, Federico / Greco, Alessandro / Manauzzi, Erica / Bullitta, Gianluca / Postacchini, Franco Speaker: Greco, Alessandro (Italy)
F591	Transposition of the ulnar nerve in bicondylar humeral fractures. (Type C) Authors: Enchev, Dian / Markov, Marcho / Tivchev, Nikolai / Rashkov, Mihail / Altanov, Simeon Speaker: Enchev, Dian (Bulgaria)
F592	Biomechanical performance of an angle stable plate system at the distal humerus Authors: Penzkofer, Rainer / Hungerer, Sven / Wipf, Felix / Augat, Peter Speaker: Penzkofer, Rainer (Germany)
F593	Intra-Articular Distal Humeral Fractures In The Elderly – Fixation Or Arthroplasty? Authors: Sivardeen, Ziali / Kato, H. / Karmegam, Anand / Holdsworth, B. / Stanley, D. Speaker: Karmegam, Anand (United Kingdom)
F595	Microvascularized fibular bone graft in post traumatic reconstructive surgery of the upper limb Authors: Louis, Marie Laure / Gay, André / Chabaud, Michel / Legré, Régis Speaker: Louis, Marie Laure (France)

13:30 – 15:30

F596 Locked intramedullary fixation vs plating for displaced & shortened mid-shaft clavicle fractures – a prospective randomised trial

Authors: Ferran, Nicholas / Hodgeson, Paul / Vannet, Nicola / Williams, Rhys / Evans, Richard  
Speaker: Ferran, Nicholas (United Kingdom)

F597 Tripod fixation of radial neck fractures

Authors: Ohly, Nicholas / Reid, Jeffrey  
Speaker: Ohly, Nicholas (United Kingdom)

F598 The anatomic features of proximal radius and their implication for osteosynthesis with plate

Authors: Giannicola, Giuseppe / Erica, Manauzzi / Greco, Alessandro / Sacchetti, Federico / Bullitta, Gianluca / Gregori, Giuseppe / Postacchini, Franco  
Speaker: Greco, Alessandro (Italy)

F599 Long Term Impairment and Disability after Diaphyseal Fractures of Both Forearm Bones: Comparison of Pediatric and Adult Injuries

Author: Bot, Arjan / Doornberg, Job / Lindenhovius, Anneluuk / Ring, David / Goslings, Jc / Van Dijk, Cn  
Speaker: Bot, Arjan (Netherlands)

F600 Distal radial fracture: preliminary results with a new non-bridging external fixation technique.

Author: Potestio, Domenico / Laurenti, Filippo / Braidotti, Piero / Theodorakis, Manuel / Pappalardo, Salvatore  
Speaker: Potestio, Domenico (Italy)

## Paediatrics

FREE PAPER HIP

ROOM: N113-114

Moderators: Anticevic, Darko (Croatia) / Pagnotta, Gaetano (Italy)

F601 Cost Analysis of Universal Ultrasound Screening comparison to Clinical Examination alone in the Treatment of Neonatal Hip Dysplasia.

Authors: Thaler, Martin / Biedermann, Rainer / Krismer, Martin / Lair, Julian / Landauer, Franz  
Speaker: Thaler, Martin (Austria)

F602 Selective ultrasound screening and late detected hip dysplasia in Sør-Trøndelag county in Norway

Authors: Holen, Ketil / Roenningen, Helge / Johansen, Ole / Fosse, Lars / Lamvik, Torarin  
Speaker: Holen, Ketil (Norway)

F603 Is there any correlation between the radiologic assesment methods of hip subluxation and acetabular dysplasia?

Authors: Yuksel, Yalcin / Aksahin, Ertugrul / Altin, Levent / Pepe, Murat / Celebi, Levent / Bicimoglu, Ali  
Speaker: Aksahin, Ertugrul (Turkey)

F604 Pemberton Pericapsular Osteotomy the Effect of Femoral Shortening

Authors: Balioglu, Mehmet / Kaygusuz, Mehmet / Aykut, Umit  
Speaker: Balioglu, Mehmet (Turkey)

F605 Transient synovitis of the hip : a review of management in Children's Hospital of Geneva

Authors: Dubois Ferrière, Victor / Ceroni, Dimitri / De Coulon, Geraldo / Kaelin, André  
Speaker: Dubois Ferrière, Victor (Switzerland)

F606 The Management and Outcome of Paediatric Septic Arthritis of the Hip

Authors: Panchani, Sunil / Stevenson, Helene / Gudena, Ravindra / James, Leroy / Bruce, Colin  
Speaker: Panchani, Sunil (United Kingdom)

F607 Legg-Calvé-Perthes disease in childhood: Increased risk for cardiovascular diseases, anemias an diseases of the coagulation system in later life.

Authors: Hailer, Yasmin / Montgomery, Scott / Ekbohm, Anders / Nilsson, Olof / Bahmanyar, Shahram  
Speaker: Hailer, Yasmin (Sweden)

F608 Viability of femoral heads in massive Slipped Capital Femoral Epiphysis (SCFE). A report of six cases

Authors: Dhawan, Rohit / Hashemi-Nejad, Aresh / Eastwood, Deborah  
Speaker: Dhawan, Rohit (United Kingdom)

F609 Ewing's sarcoma of the pelvis between the ages 2 to 14

Authors: Gavrankapetanovic, Ismet / Lazovic, Mufid / Gavrankapetanovic, Faris / Bazdar, Elvir / Kulenovic, Edin  
Speaker: Gavrankapetanovic, Ismet (Bosnia and Herzegovina)

F610 Triple pelvic osteotomy in the treatment of hip dysplasia

Authors: Vukasinovic, Zoran / Spasovski, Dusko / Zivkovic, Zorica / Jovanovic, Vesna / Mitrovic, Desanka  
Speaker: Vukasinovic, Zoran (Serbia and Montenegro)

13:30 - 15:30

F611 The Prone Extension Hip Radiograph In The Assessment Of Stable Slipped Capital Femoral Epiphysis  
Author: Vadivelu, Ramanan / James, Leroy / Kelley, Simon / Graham, Hk / Donath, Susan  
Speaker: James, Leroy (United Kingdom)

F612 Idiopathic acetabular protrusion  
Author: Holroyd, Ben / Wedge, John  
Speaker: Holroyd, Ben (Canada)

### Bone and joint tumours

FREE PAPER MISCELLANEOUS

ROOM: COLON

Moderators: Campanacci, Domenico Andrea (Italy) / Tusquets, Ignasi (Spain)

F668 Osteosarcoma in Paget's disease of bone: a retrospective analysis of the Rizzoli Institute experience.  
Authors: Ruggieri, Pietro / Calabrò, Teresa / Montalti, Maurizio / Gambarotti, Marco / Mercuri, Mario  
Speaker: Mercuri, Mario (Italy)

F669 Extraskeletal Osteosarcoma: Clínico-Pathologic Features and Results of Multimodal Management  
Authors: Fabbri, Nicola / Tiwari, Akshay / Umer, Masood / Vanel, Daniel / Alberghini, Marco / Mercuri, Mario  
Speaker: Fabbri, Nicola (Italy)

F670 Study of prognostic factors in parosteal osteosarcoma  
Authors: Pulido Garcia, Maria Carmen / Majo Buigas, Joan / Gracia Alegria, Isidro / Buezo Ribero, Oscar / Peiro Ibanez, Ana / Trullols Tarrago, Laura / Colomina Morales, Jordi / Doncel Cabot, Antoni / Huguet Carol, Ramon  
Speaker: Pulido Garcia, Maria Carmen (Spain)

F671 Novel prognostic parameters in osteosarcoma: Immunovascular microenvironment determines long-term outcome  
Authors: Kunz, Pierre / Kinscherf, Ralf / Fellenberg, Jörg / Pöschel, Johannes / Fritzsching, Benedikt  
Speaker: Kunz, Pierre (Germany)

F672 Extended fore quarter amputation and chest wall resection for treatment of extensive malignant tumours around the shoulder  
Authors: Funovics, Philipp / Nierlich, Patrick / Aszmann, Oskar / Dominkus, Martin / Frey, Manfred / Kotz, Rainer / Klepetko, Walter  
Speaker: Funovics, Philipp (Austria)

F673 Percutaneous treatment in patients with osteoid osteoma by radiofrequency thermal ablation improve quality of life, pain and anxiety  
Authors: Matzaroglou, Charalampos / Petsas, Theodoros / Saridis, Alkis / Megas, Panayiotis  
Speaker: Matzaroglou, Charalampos (Greece)

F674 The role of rapid-prototyping pelvic models in the treatment of pelvic bone tumours  
Authors: Bruns, Juergen / Habermann, Christian / Delling, Günter  
Speaker: Bruns, Juergen (Germany)

F675 Efficacy of Positron Emission Tomography for diagnosis of recurrent giant cell tumour  
Authors: Lehner, Burkhard / Dimitrakopoulou-Strauss, Antonia / Witte, Daniela  
Speaker: Lehner, Burkhard (Germany)

F676 A review of extra-abdominal fibromatosis treated at the royal national orthopaedic hospital  
Authors: Sri-Ram, Kesavan / Haddo, Omar / Dannawi, Zaher / Flanagan, Adrienne / Cannon, Stephen / Briggs, Tim / Sinisi, Marco / Birch, Rolfe  
Speaker: Sri-Ram, Kesavan (United Kingdom)

F677 Gorham-Stout disease: the experience of Istituto Rizzoli  
Author: Ruggieri, Pietro / Alberghini, Marco / Montalti, Maurizio / Abati, Caterina / Ussia, Giuseppe / Mercuri, Mario  
Speaker: Mercuri, Mario (Italy)

F678 Proximal tibia reconstruction with allograft-prosthesis composite implant  
Author: Campanacci, Domenico / Cuomo, Pierluigi / Scoccianti, Guido / Ippolito, Massimiliano / Lorenzoni, Antonella / Frenos, Filippo / Capanna, Rodolfo  
Speaker: Campanacci, Domenico (Italy)

F679 The use of irradiated autologous bone in joint sparing endoprosthetic replacement tumour surgery  
Author: Mcgrath, Anthony / Vijayan, Sanjay / Briggs, Timothy / Cannon, Stephen  
Speaker: Mcgrath, Anthony (United Kingdom)

14:00 – 15:00

Spine (incl. Trauma)

FREE PAPER MISCELLANEOUS

ROOM: N108

Moderators: Faundez, Antonio (Switzerland)

- F479 Translational research in myelomeningocele foetal repair  
Authors: Fontecha, Cesar / Peiro, José / Soldado, Francisco / Aguirre, Marius / Martínez, Vicente / Pelizzo, Gloria / D'Ottavio, Giusepina  
Speaker: Fontecha, Cesar (Spain)
- F653 Can physiotherapists recognise Cauda equina syndrome (CES) better than doctors?  
Authors: Hindmarsh, David / Davenport, James / Selvaratnam, Veenesh / Ampat, George  
Speaker: Hindmarsh, David (United Kingdom)
- F654 3D- based navigation at interventions of the cervical and thoracic spine- what is the benefit, what are the problems?  
Authors: Jarvers, Jan- Sven / Blattert, Thomas / Katscher, Sebastian / Siekmann, Holger / Josten, Christoph  
Speaker: Jarvers, Jan- Sven (Germany)
- F480 The Impact of Low Back Pain on Quality of Life in Adolescents who seek medical attention  
Authors: Fontecha, Cesar / Balagué, Federico / Pellisé, Ferran / Aguirre, Marius / Rajmil, Luis / Cedraschi, Christine / Ferrer, Montse / Pasarin, Maribel  
Speaker: Fontecha, Cesar (Spain)
- F656 Histological evaluation of the influence of oestrogen deficient state in the epidural fibrosis formation after lumbar laminectomy in the rats  
Authors: Circi, Esra / Ozalay, Metin / Caylak, Berrin / Bacanlı, Didem / Derincek, Alihan / Tuncay, Cengiz  
Speaker: Ozalay, Metin (Turkey)
- F657 Risk for surgical, general and follow-up complications in lumbar spinal stenosis relative to patient age  
Authors: Sobottke, Rolf / Aghayev, Emin / Röder, Christoph / Eysel, Peer / Delank, Stephan / Zweig, Thomas  
Speaker: Sobottke, Rolf (Germany)
- F658 Iatrogenic dural lesions in decompression for lumbar disc herniation and spinal stenosis  
Authors: Strömqvist, Björn / Jönsson, Bo / Strömqvist, Fredrik  
Speaker: Strömqvist, Björn (Sweden)
- F655 Detection of Scoliotic Spinal Deformities using Magnetic Resonance Imaging  
Authors: Balioglu, Mehmet / Kaygusuz, Mehmet / Ozer, Devrim / Oner, Ali  
Speaker: Balioglu, Mehmet (Turkey)

14:00 – 15:30

General Orthopaedic/complications/basic science/technology

FREE PAPER BEARINGS AND THA

ROOM: N107

Moderators: Tanner, Elisabeth (UK) / Gomez-Barrena, Enrique (Spain)

- F570 Acetabular Bearing Design Has a Greater Influence on Jump Distance than Head Diameter  
Authors: Nevelos, Jim / Bhimji, Safia / Dong, Nick / Macintyre, Jim / Coustance, Antoine / Streicher, Robert  
Speaker: Nevelos, Jim (United States)
- F571 Real-Time Aging and the Elution of Vitamin E-Incorporated Crosslinked UHMWPE  
Authors: Wannomae, Keith / Rowell, Shannon / Oral, Ebru / Muratoglu, Orhun  
Speaker: Wannomae, Keith (United States)
- F572 Total hip arthroplasty with Cemented Collarless Double Tapered stems in Patients younger than Fifty Five years of age  
Authors: Howie, Donald / Costi, Kerry / Solomon, Bogdan / Mcgee, Margaret  
Speaker: Howie, Donald (Australia)
- F573 Hsp72: a new mediator in wear particles-induced osteolysis  
Authors: Vallés, Gema / Vilaboa, Nuria / Munuera, Luis / Garcia-Cimbrello, Eduardo  
Speaker: Vallés, Gema (Spain)
- F574 Edge Loading Wear due to inclination angle for three contemporary Hip Bearings  
Authors: Herrera, Lizeth / Lee, Reginald / Longaray, Jason / Essner, Aaron / Streicher, Robert  
Speaker: Herrera, Lizeth (United States)
- F575 Patient related risk factors for postoperative femoral fractures in cementless hip arthroplasty  
Authors: Jakobowitz, Eike / Seeger, Joern / Kretzer, Philippe / Heisel, Christian / Thomsen, Marc  
Speaker: Jakobowitz, Eike (Germany)

14:00 – 15:30

- F576 Incidence of Implant Fractures after Total Hip Arthroplasty  
 Authors: Labek, Gerold / Pawelka, Wolfram / Janda, Wolfgang / Liebensteiner, Michael / Williams, Alexandra / Agreiter, Mark / Krismer, Martin  
 Speaker: Pawelka, Wolfram (Austria)
- F577 Digital Templating in Total Hip Arthroplasty in the NHS : 'Computer says no...'  
 Authors: Jeyaseelan, Luckshmana / Ward, Jonathan / Anand, Amarjit / Rhee, Shin / Eleftheriou, Kyriacos / Cobb, Justin  
 Speaker: Jeyaseelan, Luckshmana (United Kingdom)
- F578 Patient satisfaction and pain compared with disease/site specific outcome (Oxford-12) scoring systems  
 Authors: Hartwright, David / Ahuja, Neeraj / Singh, Swapnil  
 Speaker: Hartwright, David (United Kingdom)

Shoulder/elbow/arm/forearm

FREE PAPER PROSTHESIS ROOM: NEPTUNO  
 Moderators: Hoffmeyer, Pierre (Switzerland) / Sanchez-Sotelo, Joaquin (Spain)

- F169 Bony necktie: a biologic solution to restore tuberosity position (Cuff tension) in reverse shoulder trauma prostheses  
 Authors: Ciccarelli, Michele / Russo, Raffaele / Della Rotonda, Giuseppe / Cautiero, Fabio  
 Speaker: Russo, Raffaele (Italy)
- F686 Pectoralis Major Tendon insertion, is it a reliable reference for shoulder hemiarthroplasty in fracture? – A cadveric study  
 Authors: Raghu Prasad, Vellala / Borowsky, Keith / Stevenson, Thomas / Wear, Lara / Marseden, Nick / Trent, Neil / Bennett, Adam  
 Speaker: Raghu Prasad, Vellala (United Kingdom)
- F687 The use of reversed shoulder arthroplasty in the treatment of complex proximal humeral fractures.  
 Authors: Almodovar Delgado, Juan / De Lucas Cadenas, Pablo / Beano Aragón, Angel / Jimenez Garcia, Daniel  
 Speaker: Almodovar Delgado, Juan (Spain)
- F688 Incidence of neurologic lesions after total shoulder arthroplasty  
 Authors: Lädermann, Alexandre / Mélis, Barbara / Christofilopoulos, Panayiotis / Lubbeke, Anne / Bacle, Guillaume / Walch, Gilles  
 Speaker: Lädermann, Alexandre (Switzerland)
- F689 Inverted total shoulder prosthesis Delta in the treatment of glenohumeral osteoarthritis with massive rotator cuff tears: An analysis of 68 shoulders with a mean follow-up of 42 months.  
 Authors: Sadoghi, Patrick / Hochreiter, Josef / Mayrhofer, Johannes / Jansson, Volkmar / Müller, Peter / Pietschmann, Matthias / Utschneider, Sandra / Weber, Georg  
 Speaker: Sadoghi, Patrick (Germany)
- F690 Prosthetic overhang most effective way to prevent scapular conflict in reverse total shoulder prosthesis.  
 Authors: De Wilde, Lieven / Poncet, Didier / Ekelund, Anders  
 Speaker: De Wilde, Lieven (Belgium)
- F691 Analysis of the notching phenomenon in a newly developed inverse shoulder system including a special designed device for fractures  
 Authors: Kohut, George / Irlenbusch, Ulrich / Joudet, Thierry / Kääb, Max / Proust, Jérôme / Reuther, Falk  
 Speaker: Kohut, George (Switzerland)
- F692 The occurrence of a notch in reverse shoulder arthroplasty : a prospective study about the role of the relationship between glenoid and humerus  
 Authors: Favard, Luc / Falaise, Victor / Levigne, Christophe  
 Speaker: Favard, Luc (France)
- F693 Proximal migration after shoulder arthroplasty in rheumatoid arthritis.  
 Authors: Nagels, Jochem / Stokdijk, Marielle / Rozing, Piet / Nelissen, Rob  
 Speaker: Nagels, Jochem (Netherlands)
- F694 Management of rotator cuff arthropathy with shoulder resurfacing and subscapularis Z-plasty  
 Author: Jain, Shiv / Giri, Sr / Pimpalnerkar, Al  
 Speaker: Jain, Shiv (United Kingdom)

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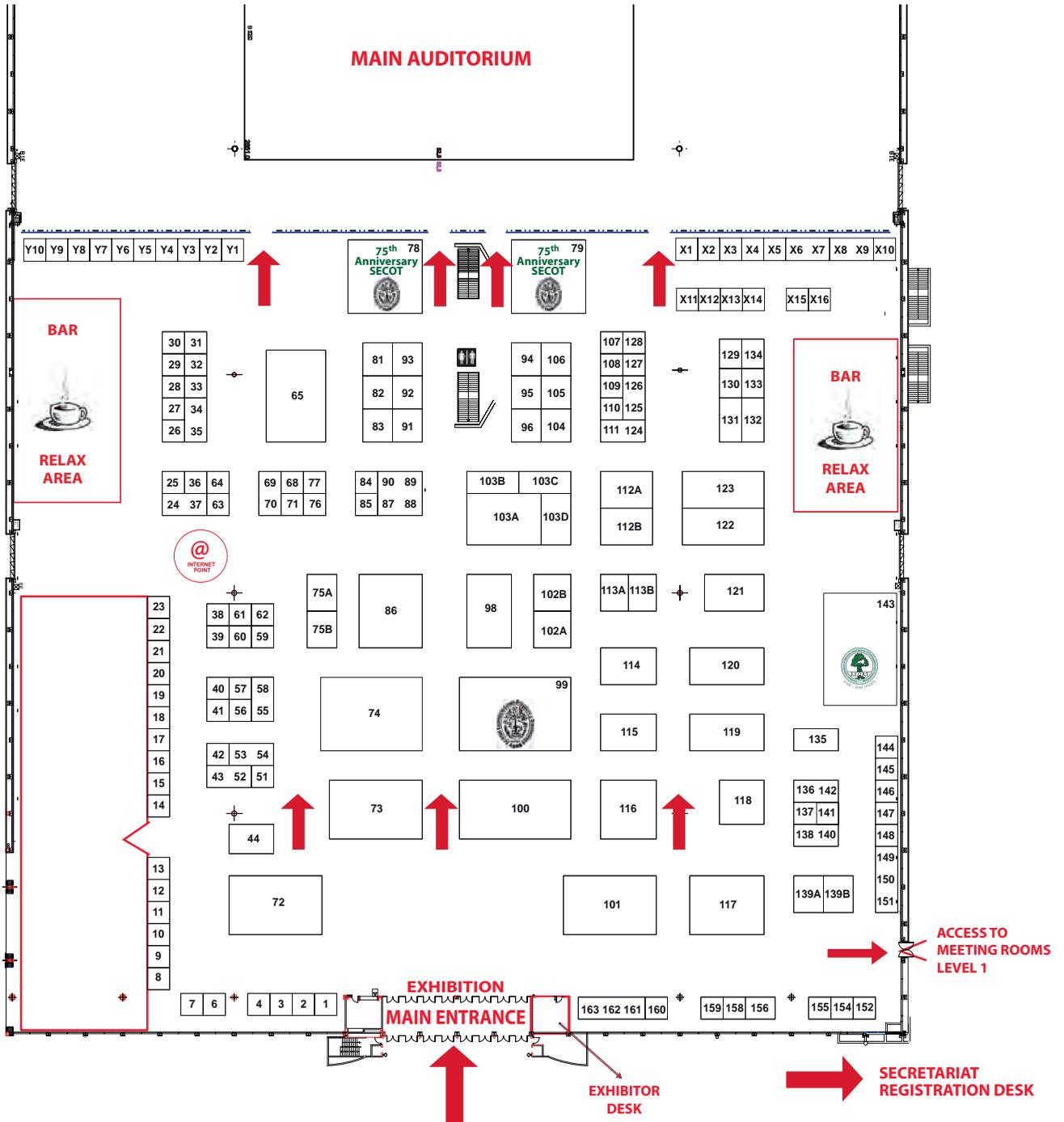
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# Exhibition Floor Plan Hall 9



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## Company descriptions and contact details

- A2C** **113-B**  
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a2csum@a2csum.com  
www.a2csum.es
- Spanish Company, with a long time experience, specialized in to import, to represent and to distribute implants and instruments in all Spain (included islands), from the following Companies: Tecres-IT (Spacers and Bone cements), Stanmore Implants-GR (Tumour Implants), Peter-Brehm-D (Revision Implants for Hip, Spine implants and Arthrodesis Knee), EOS-FR (Foot surgery), Bard-USA (Pulse Lavage), Mathys-CH (Joints) Van Straten Medical-NL (Ankle prosthesis and Recovery blood system), Innomed-USA (Specialized Instruments), and other Companies.
- AAOS – American Academy of Orthopaedic Surgeons** **Y-8**  
6300 N. River Road  
60018 Rosemont IL, USA  
Tel. 001 847 823 7186, Fax 001 847 823 0668  
tomlin@aaos.org  
www.aaos.org
- American Academy of Orthopaedic Surgeons (AAOS) is the world's largest medical association of musculoskeletal specialists, serving over 29,000 members, including 4200 international affiliate members. Dedicated to education and advocacy, AAOS is the 3rd largest world publisher of orthopaedic educational materials (books, electronic media, self-assessment exams and online education). AAOS welcomes international participation through membership, attendance at its Annual Meeting, hands-on surgical skills courses and much more. For more information on AAOS, its products and services please visit our website at [www.aaos.org](http://www.aaos.org)
- aap Implantate AG** **84**  
Lorenzweg , 5  
12099 Berlin, Germany  
Tel. 0049 3075019132, Fax 0049 3075019111  
d.hein@aap.de  
www.aap.de
- aap is an internationally-active medical technology company in developing, manufacturing and marketing implants and biomaterials for trauma and joint reconstruction. Its product portfolio includes implants for fracture healing and joint replacement, bone cements, bone graft substitutes and antibiotal carriers. In addition to its Berlin headquarters the company has subsidiaries in Dieburg, Obernburg
- near Frankfurt am Main and Nijmegen in the Netherlands. Since May 16, 2003 aap Implantate AG has been listed in the Prime Standard segment on the Frankfurt Stock Exchange.
- Acumed** **121**  
Alvaro Caballero, 14  
28023 Madrid, Spain  
Tel. 0034 913516357, Fax 0034 913526996  
r.gonzalez@acumed.es  
www.acumed.net
- Since 1988, Acumed has been designing, manufacturing and marketing unique orthopaedic trauma and reconstruction products. Our focus has been on niche indications that are problematic, yet ignored by other larger orthopaedic companies. This focus has allowed us to break new ground in fixation solutions, embracing concepts that are pushing patient results to new levels of success.
- Amplitude** **103-B**  
Cours Jacques Offenbach, 11  
26000 Valence, France  
Tel. 0033 475419169 , Fax 0033 475418910  
bruno.lebihan@amplitude-ortho.com  
www.amplitude-ortho.com
- AMPLITUDE is a French company specialised in orthopaedic implants. Our range of products includes HIP and KNEE implants, their mechanical instrumentations and a computer system (CAOS). All our products are developed by our R&D department together with a team of European surgeons. In terms of sales we are now ranked first French company on its domestic market and distribute our products in over 25 countries worldwide and intend to continue our successful expansion internationally.
- Angelini Farmacéutica, S.A.** **12**  
Osi, 7  
08034 Barcelona, Spain  
Tel. 0034 932534586, Fax 0034 932031243  
javier.ortiz@angelini.es  
www.angelini.es
- Angelini's group is featured by its investigation, development and commercialitation of those products which satisfy market needs, constantly offering new opportunities for the pharmacy field and people's wellness.

# Company descriptions and contact details

## **Ansell Healthcare**

Boulevard International, 55  
1070 Brussels, Belgium  
Tel. 0032 (0)25287400, Fax 0032 (0)25287406  
info@eu.ansell.com  
www.ansell.eu

Ansell Healthcare, a global leader in barrier protection, is the world's No. 1 surgical glove provider. Ansell offers a wide selection of latex and synthetic gloves that all testify to its commitment in raising the standards to ensure optimal protection. To achieve that aim, Ansell invests heavily in research, education and dialogue with the medical world, thereby ensuring that its gloves fully meet the needs of healthcare professionals. For orthopaedic surgeons, Ansell proposes gloves that combine superior protection with exceptional precision grip control, including a range for double-gloving solutions to raise the puncture resistance so crucial in high-risk procedures.

## **Anteis S.A.**

Chemin des Aulx, 18  
1228 Plan-les-Ouates, Switzerland  
Tel. 0041 223089380, Fax 0041 223089303  
c.thebaud@anteis.com  
www.anteis.com

Anteis is one of the worldwide actors specialized in the development, manufacturing and distribution of innovative injectable medical devices based on biopolymer transformation. Anteis is proud to present its first intra-articular visco-supplement product "Synolis". Its unique formulation (contains anti-oxidant, reproduces healthy human synovial fluid) provides significant advantages for any patient suffering from osteoarthritis.

## **AO Foundation**

Clavadelstrasse, 8  
7270 Davos, Switzerland  
Tel. 0041 814142801, Fax 0041 814142280  
foundation@aofoundation.org  
www.aofoundation.org

The AO Foundation is a medically oriented nonprofit organization with international research and educational activities, led by specialized surgeons. Its mission is to promote medical advances and further improve patient care in the fields of trauma surgery, orthopedics and diseases of the musculoskeletal system. The AO Foundation was founded in 1958 by a group of surgeons eager to advance internal fracture fixation. Today, it is one of the most important and extensive networks in the field of medicine with more than 10,000

**18** member surgeons and an international teaching faculty of over 3,000 experts worldwide.  
For further information, please visit [www.aofoundation.org](http://www.aofoundation.org)

## **ApaTech Ltd**

Centennial Park, 370  
WD6 3TJ Elstree, United Kingdom  
Tel. 0044 (0)2087314652, Fax 0044 (0)2087314669  
info@apatech.com  
www.apatech.com

ApaTech specializes in producing synthetic bone repair material and is a world leader in bone graft technologies, selling its products in 33 countries around the world. The Company has developed a novel silicate substituted calcium phosphate bone graft material, Actifuse®, which underpins the Company's leadership in applying the science of silicon to bone graft technologies. Actifuse is available as a range of granule and microgranule formulations which include Actifuse E-Z Prep delivered in a granule applicator. ABX is available, in a standard applicator and in a purpose designed minimally invasive applicator, the Actifuse MIS System.

## **Arthrex GmbH**

Carl-Zeiss-Str. , 8  
85748 Garching-Hochbrück, Germany  
Tel. 0049 (0) 81315957, Fax 0049 (0) 81315957  
axel.jansen@arthrex.de  
www.arthrex.de

Incorporated since 1984, Arthrex has been a privately held corporation committed to just one thing: providing the finest quality products and educational services to meet the special needs of orthopaedic surgeons and their patients. Arthrex has a focused dedication to creative product development and medical education with an experienced, devoted team of professionals who are truly committed to continuing this tradition.

## **ArthroCare Sports Medicine**

Skeppsbron, 2  
111 30 Stockholm, Sweden  
Tel. 0046 854617200, Fax 0046 854617239  
sportsmedicine@arthrocare.se  
www.arthrocaresportsmedicine.com

Our Mission at ArthroCare Sports Medicine, is to provide leading-edge technology and help surgeons with the tools they need to practice their art. ArthroCare received U.S. Food and Drug Administration clearance for our first arthroscopy-based system in 1995. Since then,

## Company descriptions and contact details

millions of orthopedic surgical procedures have been performed using our products, and our engineers have taken what they've learned to enhance and expand the tools that are available to orthopedic surgeons.

### **Arthrosurface, Inc** 76

28 Forge Pkwy  
02038 Franklin MA, USA  
Tel. 001 5085203003, Fax 001 5085284604  
aarnone@arthrosurface.com  
www.arthrosurface.com

Articular cartilage resurfacing for defects in the middle aged and active patient population that is considered too old or has failed biological/conservative treatments but are too young for a total joint replacement. Utilizing inlay metallic implants, Arthrosurface systems enable surgeons to anatomically recreate the patient's normal articular anatomy.

Advantages are:

- Inlay design – allows for resurfacing of the defect without changing the joint line
- Low profile – allows for earlier intervention in the continuum of care to preserve remaining healthy cartilage; similar to a dentist placing a filling in a cavity to preserve the tooth.
- Implants for the Patello-Femoral, Condyle, Shoulder and MTP joints

### **Artof** 28

Nussbaumstrasse, 20  
80336 Munich, Germany  
Tel. 0049 8951602511, Fax 0049 8951602585  
peter.biberthaler@med.uni-muenchen.de  
www.ARTOF.cc

ARTOF is a scientific society founded in 1997 by some of the most respected orthopedic and Trauma-surgeons with highest international reputation in order to build an independent platform of discussion to identify the optimal therapeutic strategy for trauma victims. In this respect, the focus was set on scientifically proven concepts following the strict criteria of evidence based medicine. This knowledge is carried into the community of orthopedic and trauma surgeons regularly on conferences as a physician education and training program. Since it is a strictly independent organization, it has an approved charity status within the European community and north America.

### **Ascension Orthopedics** 51

Cameron Road, 8700  
78754 Austin TX, USA  
Tel. 001 5128365001, Fax 001 5128365145  
customerservice@ascensionortho.com  
www.ascensionortho.com

By expanding upon our PyroCarbon expertise and success, Ascension Orthopedics has gone beyond using advanced materials in innovative ways. Our goal is to provide surgeons with procedural solutions for all areas of extremity surgery. We now offer a wide array of products for the hand, wrist, elbow, shoulder, foot and ankle. Surgeons worldwide are using our unique implants, streamlined procedures, and complete kits to improve patients' lives. At Ascension Orthopedics, we are dedicated to transforming the surgical experience.

### **Assut Europe SpA** 9

Via Giuseppe Grecoraci, 12  
00173 Roma, Italy  
Tel. 0039 0672677348, Fax 0039 0673675380  
k.gentili@assuteurope.com  
www.assuteurope.com

Founded in 1991 Assut Europe S.p.A. is the unique Italian producer of high quality surgical sutures for different applications and operates in many countries with excellent and high quality technology products. Assut Europe S.p.A. has a dedicated orthopedic line, called Gexfix, with a production area based at Geneva, where realizes the full range dedicated to external fixation and the unique external fixation for superior humerus fractures and for the wrist. The important characteristics of the range are: X-ray transparency; made of high performance composite material providing (carbon fiber); maximum stability; short learning curve for operating surgeon; all pins are self drilling, self trapping: one step insertion, no need for pre-drilling. Assut Europe S.p.A. complete his orthopedic line with innovative targeting device for distal locking for intramedullary nails.

### **Astra Tech AB** 135

Aminogatan 1  
S-431 21 Moelndal, Sweden  
Tel. 0046 317763000, Fax 0046 317763010  
Monica.Thorsson@astratech.com  
www.astratech.com

Astra Tech develops, manufactures and markets advanced medical devices within Surgery and Urology as well as Dental Implants. With our Surgery products Sangvia and Bellovac ABT you can make Autologous Whole Blood a natural part of your blood management strat-

## Company descriptions and contact details

egy in elective orthopaedic surgery. Bellovac™ ABT for post-operative collection and reinfusion of Autologous Whole Blood after orthopaedic surgery. Experience from over 850 000 patients shows that this is a safe and simple method to reduce the use of bank blood. Sangvia™ is a new system for intra-operative Whole Blood Salvage in orthopaedic surgery. It is easy to use, requires no specially trained staff and helps you to salvage even relatively small amounts blood on demand.

### **Bama-Geve, S.L.**

8

Avinguda Diagonal, 490, 4º  
08006 Barcelona, Spain  
Tel. 0034 934154822, Fax 0034 934153792  
laboratorio@bamageve.es  
www.bamageve.es

Since 1909, we are a pharmaceutical laboratory with an innovative vocation and the project of offering original solutions for the medical and sanitary sector. For carrying out this activity, BAMA-GEVE counts on its greatest advantages: the illusion and perseverance that contributes its humane team day after day.

### **Bauerfeind Ibérica S.A.**

6

Historiador Diago, 13  
46007 Valencia, Spain  
Tel. 0034 963856633, Fax 0034 963856699  
info@bauerfeind.es  
www.bauerfeind.es

BAUERFEIND is one of the leading manufacturers of medical devices in the world with over 80 years of experience. With its products and care concepts makes an important contribution to maintaining and restoring health and increasing well-being for better quality of life. We combine expertise in technology and production, gained over the decades, with the strength of innovation, the tradition of a company led by a middle-class family with global vision. Right from the start, our specialist have worked closely with doctors, scientists and developers. The results is patented award-winning products and services, with "Made in Germany" quality. With our modern therapeutic supports and orthosis, we have made it our task to contribute to helping people stay active and mobile. Doctors use our products for prevention, therapy and to assist the healing process after injury.

### **Bayer Schering Pharma AG**

101

Muellerstrasse, 178  
13353 Berlin, Germany  
Tel. 0049 3046812727, Fax 0049 3046816710  
alexander.siedler@bayerhealthcare.com  
www.bayerscheringpharma.de

Bayer Schering Pharma is a worldwide leading specialty pharmaceutical company. Its research and business activities are focused on the following areas: Diagnostic Imaging, General Medicine, Specialty Medicine and Women's Healthcare. With innovative products, Bayer Schering Pharma aims for leading positions in specialized markets worldwide. Using new ideas, Bayer Schering Pharma aims to make a contribution to medical progress and strives to improve the quality of life. Find more information at [www.bayerscheringpharma.de](http://www.bayerscheringpharma.de)

### **Beznoska Ltd.**

158

Delnicka 2727  
272 01 Kladno, Czech Republic  
Tel. 0042 0312660670, Fax 0042 0312664769  
vaclav.rohlens@beznoska.cz  
www.beznoska.cz

Manufacturer and exporter of hip & knee endoprostheses since 1969. All products are CE-marked and quality system complies with ISO 13485: 2003. Custom-made tumorous joint replacements are available on request.

### **Biocomposites**

X-15-16

Keele Science Park, Keele  
ST5 5NL Staffordshire, UK  
Tel. 0044 1782 338 580, Fax 0044 1782 338 599  
info@biocomposites.com  
www.biocomposites.com

Biocomposites is a privately held pioneering developer, manufacturer and distributor of synthetic, tissue regeneration products. The company has developed a broad range of products that addresses the clinical and economic needs of medical specialties in orthopaedics and dentistry. Research, manufacturing, marketing and international sales are directed from the company's headquarters in Keele, UK. Sales companies are also based in Wilmington, NC and Shanghai. Biocomposites unrivalled knowledge of calcium technologies has led to the development of geneX, a unique, fully resorbable bone graft material with a controlled, reproducible, negative surface charge; and Stimulan, an implant grade calcium sulphate, cleared for use in infected cases.

## Company descriptions and contact details

- Biomet** 86  
Waterton Industrial Estate  
CF31 3XA Bridgend, United Kingdom  
Tel. 0044 1656655221, Fax 0044 1656645454  
kevin.morgan@biometeurope.com  
www.biomet.com
- Headquartered in Warsaw, Indiana, Biomet, Inc. and its subsidiaries currently distribute reconstructive products in approximately 90 countries. With annual sales well in excess of \$2 billion and over 7,000 team members worldwide Biomet looks to the future with a focus on continued growth and innovation. With its European headquarters in Dordrecht, Netherlands and represented by subsidiaries in 22 countries, including five manufacturing sites, across the continent, Biomet offers a specialised focus on European healthcare and orthopaedics. With a history of innovation and entrepreneurial flair, Biomet is continuously expanding its presence, to pursue groundbreaking concepts for the European market place.
- Bioretec Ltd** 160  
Hermiankatu, 22  
FI-33720 Tampere, Finland  
Tel. 00358 207789500, Fax 00358 33170225  
sales@bioretec.com  
www.bioretec.com
- Bioretec products have their roots in biomaterials and implant technology. The research, started by a team led by Professor Pertti Törmälä at the Tampere University of Technology in 1977, was a success and a start of bioabsorbable fixation devices. One of the key features of Bioretec's products is their mechanical activity. A memory effect is based on the selected material combination, extensive research and far-ranging experience of material processing. You are welcome to visit us at our stand nr 160 and you will get more information about our products. Implants that do more – It's Bioretec.
- Biotech Eos** 7  
Allées de Craponne, 305  
13300 Salon de Provence, France  
Tel. 0033 (0)490446060, Fax 0033 (0)490446061  
www.biotech-international.com
- EOS is a French company based in Salon de Provence specialised in the research, development and manufacturing of implants and instrumentation for foot surgeries. EOS products are manufactured on the high-performance site of Nogent. Our program is composed of several full ranges of implants, screws, plates, staples, k-wires and also some specific implants meant for the surgery of foot and ankle pathologies. Composed of engineers, technicians and orthopaedist surgeons, our team closely collaborates with several surgical establishments to permanently improve the comfort and well being of the patients and also the working conditions of the surgeons.
- Bioteck S.R.L.** 40  
Via E. Fermi, 49  
36057 Arcugnano (VI), Italy  
Tel. 0039 0444289366, Fax 0039 0444285272  
vi@bioteck.com  
www.bioteck.com
- BIOTECK is an Italian biological company who produces xenografts of equine origine for neuro orthopaedic and oro-maxillo-facial surgery through its exclusive 37°C enzymatic deantigenation process, which guarantees the highest safety standards without affecting biological and biomechanical properties of the treated grafts. Bioteck manufactures and distributes in more than twenty countries OSTEOPLANT, a complete range of cancellous and cortical grafts; OSTEOPLANT FLEX, a line of partial demineralized grafts that are soft and flexible; OSTEOPLANT ACTIVAGEN, injectable and mouldable bone pastes, with outstanding osteoconductive and osteoproduative properties.
- Boehringer Ingelheim GmbH** 73  
Binger Str. 173  
55216 Ingelheim, Germany  
Tel. 0049 6132770, Fax 0049 6132773000  
info@boehringer-ingelheim.com  
www.boehringer-ingelheim.com
- The Boehringer Ingelheim group is one of the world's 20 leading pharmaceutical companies with net sales of 11.6 billion Euros. It operates globally with 138 affiliates in 47 countries and 41,300 employees. Since it was founded in 1885, the independent, family-owned company has been committed to researching, developing, manufacturing and marketing novel products of high therapeutic value for human and veterinary medicine. Pradaxa® (dabigatran etexilate) is at the forefront of a new generation of oral anticoagulants. It is being evaluated in a variety of thromboembolic disorders while it is already approved for the primary prevention of venous thromboembolic events in adults following elective total hip or knee replacement surgery.

## Company descriptions and contact details

### Brazilian Society of Orthopedics and Traumatology X-1

Alameda Lorena 427, 14º andar  
01424-000 São Paulo – SP, Brazil  
Tel. 0055 0800-727-7268, Fax 0055 11 2137-5418  
paulolobojr@gmail.com  
www.sbot.org.br

In order to promote Brasilia as a destination for the Brazilian Congress of Orthopaedics and Traumatology, We invite you to come and visit us, at the booth. The Brazilian Congress of Orthopaedics and Traumatology will be held in Brasilia, Capital of Brazil on november 12th till november 15th. It is the largest south American Orthopaedics Congress, with over 6.000 enrolled. The Brazilian capital is the only city in the world built in the 20th century. Since 1987, a Historical and Cultural Heritage of Humanity by Unesco. There are plenty of reasons for such renown: The young city, inaugurated in 1960, surprises even the most experienced travelers.

### CeramTec AG 114

CeramTec Platz, 1 - 9  
73207 Plochingen, Germany  
Tel. 0039 0633623456, Fax 0049 7153611950  
f.macchi@ceramtec.de  
a.hurrle@ceramtec.de  
www.ceramtec.com

CeramTec's BIOLOX® materials are the most widely used ceramic components in arthroplasty. Every Minute of Every Day a BIOLOX® component is implanted worldwide. They are extremely wear-resistant and biocompatible, helping to avoid particle disease and allergic reactions. Since 1974 over six million BIOLOX® components have been implanted. Ceramic components for knee joints are currently being introduced clinically. CeramTec AG, the global market leader for bioceramics in joint replacement, is also an internationally leading supplier of innovative technical ceramics for the electronics, telecommunications, automotive, medical, machinery, metal, electrical and chemical industries, developed, produced and distributed by 3150 employees world-wide.

### Ceraver 138-140

Rue De la Belle Etoile, 69  
95957 Roissy CDG, France  
Tel. 0033 0148638863, Fax 0033 1149890505  
clambert@ceraver.com  
www.ceraver.com

Ceraver: French medical company, design, manufacturing and sales of joint prosthesis and biomaterials. A range of hip prosthesis which

demonstrated excellent clinical results with: OSTEAL, cemented stem having more then 30 years of follow-up, CERAFIT, a cementless range AND the first world implant of Alumina-Alumina friction pair in 1970. HERMES, a full knee prosthesis range starting from femoro-patellar to revision full prosthesis, CERAGYR, the ultimate congruency in mobile bearing knee prosthesis, all assisted by CERAVISION: navigation system. Abroad range of biomaterials: CERAFIX: low and high viscosity cements , synthetic bone substitutes ...

### China Kanghui Holdings X-4

Tianshan Road, 1-8  
213022 Changzhou, China  
Tel. 0086 13706117758, Fax 0086 519-85195551  
Josonwjz@126.com  
www.kanghui.com

China Kanghui Holdings is one of China's leading orthopedic companies, with products in the segments of Trauma, Spine, and Joint Implants & Instruments. Kanghui spends significantly on R&D to improve its products with a focus on maintaining market leadership in our product segments. Likewise, our quality control team has helped the company reach international standards in quality. Kanghui's goal is to provide the safest and most advanced implants, instruments and technologies that ensure reliable operating procedures, rapid recovery and a painfree life after surgery.

### ChM Sp. z o.o. 95

Lewickie, 3B  
16-061 Juchnowiec Koscielny, Poland  
Tel. 0048 857131320, Fax 0048 857131319  
chm@chm.pl  
www.chm.pl

ChM Ltd., established in 1981 by Mikolaj Charkiewicz, is an internationally recognized and appreciated producer of implants and instruments for orthopedics and traumatology with its own production, marketing and research & development departments, as well as distribution network in the country and abroad.

Certified with ISO 9001:2008, EN ISO 13485:2003 and CE. Product portfolio contains over 30000 diverse items with such flag products as:

- intramedullary nailing systems (including ChFN® trochanteric nails) CHARFIX System® and CHARFIX System2®
- locked plating system ChLP®
- spine stabilizing system CHARSPINE®
- external fixator CHARSTAB®
- Dynamic Hip Stabilizer /Dynamic Condylar Stabilizer

## Company descriptions and contact details

### Corentec Co., Ltd

Y-6

748-1 Banpo I-Dong , 11F Chungho Tower  
137-040 Seocho-Gu, Seoul, South Korea  
Tel. 0082 234455493, Fax 0082 234455497  
jask@corentec.com  
www.corentec.com

Corentec has succeeded in developing Korea's first artificial joints in a combined effort with a number of world-class orthopedic surgeons. The top-notch artificial joints at Corentec Co., Ltd. are manufactured by the specialized and long-experienced experts from all over the world using the high-tech equipments and the highly regulated quality control system. Corentec built a plant fully equipped with production lines for the manufacture of artificial hip and knee joints and custom-made implants in 2005. The company has acquired GMP-certified waste processing facilities, and manufactured and sold CE marked artificial joints ever since.

### Corin Group plc

102-A

The Corinium Centre  
GL7 1YJ  
Cirencester, Gloucestershire, United Kingdom  
Tel. 0044 1285649230, Fax 0044 1285652945  
Events@coringroup.com  
www.coringroup.com

Corin is committed to providing healthcare professionals around the globe with clinically proven, innovative treatment solutions. A world leader in the development, manufacture and distribution of an extensive range of reconstructive orthopaedic devices, Corin has been associated with some of the most important technological developments over the last 20 years, including Cormet metal-on-metal hip resurfacing and Rotaglide+, the world's first true mobile-bearing total knee replacement. Corin has since broadened its portfolio to include Trinity advanced bearing acetabular system, MiniHip bone conserving hip replacement, MetaFix total cementless hip replacement, Uniglide unicompartmental knee replacement, Zenith total ankle replacement and LARS ligament reconstruction.

### Croma-Pharma GmbH

55-58

Stockerauerstr.181  
2100 Korneuburg, Austria  
Tel. 0043 226268468-0, Fax 0043 226268468-14  
tanja.schmied@croma.at  
www.croma.at

Croma-Pharma, an internationally operating pharmaceutical company headquartered in Austria, is manufacturer of sterilized ready-

to-use syringes of viscoelastic hyaluronic acid for intra-articular use. Full dedication to highest quality is guaranteed.

### DePuy International Ltd

116

No 1 White Rose Office Park, Millshaw Park Lane  
LS11 0BG Leeds, United Kingdom  
Tel. 0044 1133877928, Fax 0044 1133877886  
ASexton2@its.jnj.com  
www.depuy.com

DePuy Orthopaedics., part of Johnson & Johnson, is a leading global provider of orthopaedic devices for hip, knee, extremities and trauma, as well as bone cement and operating room products. It is part of the DePuy Family of Companies, which have a rich heritage of pioneering a broad range of products and solutions across the continuum of orthopaedic and neurological care. These companies are unified under one vision -- Never Stop Moving™ -- to express their commitment to bring meaningful innovation, shared knowledge and quality care to patients throughout the world.

### DeSoutter Medical Ltd

156

River Park, Billet Lane  
HP4 1HL Berkhamsted, Herts, United Kingdom  
Tel. 0044 (0)1442860300, Fax 0044 (0)1442860333  
info@de-souttermedical.com  
www.de-soutter.com

De Soutter Medical is a company solely focussed on producing advanced power instrument solutions for today's exacting surgical procedures. The company has accumulated years of experience concerning the complex and demanding requirements of advanced surgical techniques and how they need to be augmented with the latest technologies in power instrument design. The products De Soutter produce are the result of continuous investment into research and development of high integrity, precision instruments which surgical teams, the world over, have come to rely on. The company's universal goal is total customer satisfaction.

### DFine Europe GmbH

152

Dynamostrasse, 3  
68165 Mannheim, Germany  
Tel. 0049 (0)62140537578, Fax 0049 (0)62140537577  
info@dfine.eu  
www.dfine.eu

DFine's mission is to develop and market devices that treat vertebral compression fractures and other spinal disorders in a minimally invasive manner to improve patient quality of life. DFine's RF Kyphoplasty

procedure with the StabiliT® Vertebral Augmentation System is the next generation in kyphoplasty. It combines the benefits of site-specific cavity creation, controlled cement delivery, and potential for height restoration with ultra-high viscosity bone cement. During the procedure, radiofrequency energy is applied to specially formulated energy-responsive bone cement to create an ultra-high viscosity cement. The cement is delivered into a cavity within the vertebra using a remote hand switch that allows the physician to remain up to 10 feet from the fluoroscopic field, potentially reducing the physician's exposure to radiation.

**Dieter Marquardt Medizintechnik GmbH** **96**  
Robert-Bosch-Strasse, 1  
78549 Spaichingen, Germany  
Tel. 0049 742495810, Fax 0049 7424501441  
info@marquardt-medizintechnik.de  
www.marquardt-medizintechnik.de

Since 30 years we develop, manufacture and distribute with highest quality innovative implant systems for traumatology and spine surgery. We distribute our innovative implants systems by own subsidiaries and through a world-wide distributor network into the national and international markets. Development, design, prototype and series production, quality assurance and distribution, all of it is handled in-house by highly skilled experts. The company Marquardt Medizintechnik is located in Germany and we are certified according to DIN ISO 13485 and Annex II of the council directive 93/42/EEC

**Distribuciones y Representaciones Biomédicas Direx S.L.** **14**  
Urb. La Primavera, el Sauzal, 206  
38360 Santa Cruz De Tenerife, Spain  
Tel. 0034 902121475, Fax 0034 902151257  
correo@direx.net  
www.direx.net

Distribuciones y Representaciones Biomédicas Direx S.L was founded in 1994. Since then it has been working as distributor of some of the principal Companies in the markets of hemodynamic and pacemakers, vascular access catheters, vascular intervencional radiology and neuroradiology, monitoring, ECG and neurophysiology and orthopedic surgery and maxillofacial. Nowadays, the Company has opened more trade delegations in Madrid and Barcelona, besides the already originally established ones of Tenerife and Gran Canaria.

**DIZG – German Institute for Cell and Tissue Replacement** **75-B**  
Koeppenicker Strasse, 325  
12555 Berlin, Germany  
Tel. 0049 3065763067, Fax 0049 3065763055  
distribution@dizg.de  
www.dizg.de

DIZG was founded as a non-profit Institution in 1993 by experienced physicians and scientists from the long-established tissue banks of the University of Leipzig and the Charité University Hospital in Berlin. The institute is dedicated to bring the gift of tissue donation to the medical community and patients requiring transplants in the form of high quality, safe allograft tissue transplants. We have already delivered approximately 150.000 human tissue transplants to hospitals and surgeons worldwide. DIZG provides a wide range of tissue forms for the most of the surgical disciplines like void fillers, reconstructural grafts, DBM granules and paste, acellular dermis, allografts for sports medicine and a dental line.

**Doctor's Research Group, INC.** **141**  
574 Heritage Rd. Suite 202  
06488 Southbury, Connecticut, USA  
Tel. 001 2032629335, Fax 001 2032629340  
smorin@doctorsresearchgroup.com  
www.KryptoniteUSA.com

KRYPTONITE™ Bone Cement is non-toxic, with bone-like mechanical properties composed of naturally occurring fatty acids and calcium carbonate. The unique properties of KRYPTONITE™ Bone Cement make it well suited for cranial applications and distinguish it from PMMA and tricalcium phosphate/hydroxyapatite based products. KRYPTONITE™ Bone Cement can be mixed and delivered by hand or utilizing a number of commercially available mixing systems. KRYPTONITE™ Bone Cement is Adhesive, Porous, has Bone-Like Properties, a Low Exotherm, and is Non-Toxic.

**DOT GmbH** **71**  
Charles-Darwin-Ring, 1a  
18059 Rostock, Germany  
Tel. 0049 381403350, Fax 0049 3814033599  
pfliegensdoerfer@dot-coating.de  
www.dot-coating.de

DOT is one of the leading European companies in the field of medical coating technologies for orthopaedic and dental implants as well as instruments and also their cleanroom packaging. With our comprehensive Supply-Chain-Concept we are an ideal industry partner

## Company descriptions and contact details

for orthopaedic OEMs. DOT offers a wide range of surface treatments such as: PVD (TiN) coating; Plasma Sprayed Titanium coating; Electro-chemical CaP deposition (BONIT® coating), Anodic oxidation (DOTIZE®) and antimicrobial coatings. Additional business areas are: Nano-porous bone graft substitutes BONITmatrix® and OSSA NOVA; subcontracting services (CNC-machining of surgical instruments). ISO 13485:2003 certified. DOTs quality and safety standards are also geared to GMP demands.

### **E.M.S. Electro Medical Systems SA** **77**

Chemin de la Vuarpillière, 31  
1260 Nyon, Switzerland  
Tel. 0041 229944700, Fax 0041 229944701  
welcome@ems-ch.com  
www.ems-medical.com

EMS Electro Medical Systems SA with its headquarters in Nyon near Geneva is a Swiss company with worldwide activities in the medical as well as in the dental and veterinary fields.

Specifically, EMS is the inventor of RSWT Radial Shock Wave Therapy® and the manufacturer of the gold standard in RSWT®, the EMS Swiss DolorClast®. EMS has own subsidiaries in Germany, France, Spain, Italy and the USA and employs more than 250 persons worldwide. Besides, EMS works with distribution partners in over 100 countries.

### **EFORT – European Federation of National Associations of Orthopaedics and Traumatology** **143**

Technoparkstrasse 1  
8005 Zurich, Switzerland  
Tel. 0041 44 448 44 00, Fax 0041 44 448 44 11  
office@efort.org  
www.efort.org

EFORT works on behalf of the European orthopaedic and traumatology community to secure mobility, musculoskeletal health and quality of life. The federation links 40 National Orthopaedic Associations and over 20 Speciality Societies and Affiliated Organisations in Europe. As a pan-European organisation with its own staff, EFORT promotes the sciences of orthopaedic surgery and orthopaedic traumatology and aims to highlight statutory functions in terms of important cross-border issues. EFORT also collates and communicates relevant information about members, developments and the work of individual societies. The combined strength of more than 36'000 orthopaedic surgeons as well as the industry are the target audience for EFORT. EFORT organises annual congresses which attract many thousands of orthopaedic surgeons as well as the medical and pharmaceutical industry. EFORT supports continuous medical edu-

cation (CME) in Europe and organises instructional courses and other scientific events on a regular basis.

### **EFOST** **22**

C/O GCO Global Conference Organisers  
Parabool, 160  
3364 DH Sliedrecht, Netherlands  
Tel. 0031 184496999, Fax 0031 184496995  
claudine@gcoeuropa.com  
www.efost.org

EFOST 2010 – the place where opinion leaders gather to present the latest knowledge and techniques! EFOST 2010 promises to be the year's leading meeting on sports traumatology and will focus on osteoarthritis in the young patient and first time shoulder dislocation. The congress will provide in-depth education given by key opinion leaders in a variety of learning formats and will feature the best learning and networking opportunities for all sports trauma specialists and allied professionals. All delegates will be entitled to CME accreditation points and are encouraged to get actively involved by submitting an abstract. Please consult the congress website for detailed information: [www.efost2010.org](http://www.efost2010.org)

### **Eli Lilly** **132**

Avenida de la Industria, 30  
28108 Alcobendas (Madrid), Spain  
Tel. 0034 916635000, Fax 0034 916233651  
www.lilly.es

Lilly is one of top ten Pharmaceuticals companies in the world. Focused in research, the total commitment with patients is our main goal. Thanks to this we help physicians across the world to improve quality of life of patient suffering for osteoporosis, cancer, schizophrenia, diabetes and a lot more.

### **Elsevier** **36**

Av. Travesera de Gràcia, 17-21  
08021 Barcelona, Spain  
Tel. 0034 932000711  
t.barrio@elsevier.com  
www.elsevier.com

Group Elsevier is the global leader in technical publishing in Medicine and Health Sciences, with more than 6,000 books, 2,000 scientific journals and data bases in Internet of high prestige and distribution in 180 countries. Elsevier is formed by publishers having a long tradition and great prestige in the world of Medicine and Health Sciences, such as W.B. Saunders, Mosby, Churchill Livingstone, But-

## Company descriptions and contact details

terworth Heinemann and Hanley & Belfus. It works with the most respected scientists and investigators worldwide.

### **EORS – European Orthopaedic Research Society** 29

Alserstrasse, 4  
1090 Vienna, Austria  
Tel. 0043 1405138320, Fax 0043 1405138323  
eors@medacad.org  
www.eors.eu

EORS is the European Orthopaedic Research Society, established in 1991 to promote research and development in orthopaedic surgery and related sciences in Europe through interdisciplinary coordination, exchange of scientific and technical experience, and education. For this purpose, the Society organizes annual meetings, workshops, instructional courses and supports other educational activities in Europe. EORS interacts with other national and international societies, including EFORT, to achieve its mission.

### **ESTES – European Society for Trauma & Emergency Surgery** 30

Operngasse 20b  
1040 Vienna, Austria  
Tel. 0043 158804802 , Fax 0043 158804185  
office@estesonline.org  
www.estesonline.org

The European Society for trauma and Emergency Surgery (ESTES) was formed by the merger of two respected and established international societies, the European Trauma society and the European Society for Trauma and Emergency surgery. More than fifty countries throughout the world are represented in its individual membership, and its corporate members include distinguished national professional associations such as the Austrian Trauma Society, Belgian Trauma Society, Croatian Medical Association/Croatian Trauma Society, Croatia Pannonian Urgent Medicine and Surgery Association, Czech Trauma Society, Danish Orthopedic Trauma Society, French Emergency Surgery Society, German Trauma Society, Hellenic Society for Trauma & Emergency Surgery, Hungarian Trauma Society, Italian Trauma & Emergency Surgery Society, Lusitanian (Portuguese) Association of Trauma & Emergency Surgery, Netherlands Trauma Society, Romanian Society for Trauma & Emergency Surgery, Serbian Trauma Society, Slovakian Trauma Society, Slovenian Trauma Society, Swiss Society of Trauma and Emergency Surgery (SGAUC), Swiss Trauma Society (SGTV), Turkish Association for Trauma & Emergency Surgery. ESTES is one of the leading organizations in the world for trauma, and acute care surgery and trauma prevention. ESTES provides critical information on trauma and acute care surgery to its members,

but also to policy makers and to the public, with injury prevention as a high priority issue. ESTES is committed to improving the care of injured and severely ill patients. This is only possible through education and research. We are in the process of creating and producing suitable programs to these ends and providing these programs to our members.

### **Esteve** 161-162-163

Avda. Mare de Déu de Montserrat, 221  
08041 Barcelona, Spain  
Tel. 0034 934466000  
vpenarroja@esteve.es  
www.esteve.com

ESTEVE is a leading pharmaceutical chemical Group in Spain with a significant presence worldwide. ESTEVE operates in the pharmaceutical sector by researching and developing new drugs, with special focus on analgesia, and marketing a wide range of ethical and OTC products, vaccines, generics and products for veterinary use. It is also present in the sector of active pharmaceutical ingredients (APIs), providing a comprehensive solution in the area of health. ESTEVE is a committed and responsible firm, driven by innovation, whose mission is to add value to society through new therapeutic solutions. Consequently R&D has always been, and continues to be, the backbone of the Group and all its companies.

### **Euros** 139-A

ZE Athelia III  
13600 La Ciotat, France  
Tel. 0033 (0)442714271, Fax 0033 (0)442714280  
euros@euros.fr  
www.euros.fr

EUROS is a French company providing a proprietary range of orthopedic implants for the hip, knee, shoulder and spine together with the corresponding instrumentation systems .

The Company's activities comprise the design, manufacture and distribution. Euros is also strongly committed in ongoing scientific research with an active clinical studies department and the organization of the "Journées Euros" conference biannually.

The products of EUROS have been used by leading orthopedic surgeons and hospitals in France for the past 20 years. In addition, the Company exports its products to countries in the European Union, Middle East, Latin America and Asia. For more information, please contact us at: euros@euros.fr

## Company descriptions and contact details

### Eusa Pharma

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The Magdalen Centre  
OX4 4GA Oxford, United Kingdom  
Tel. 0044 1865784271, Fax 0044 1865784253  
melanie.gross@eusapharma.com  
www.eusapharma.com

EUSA Pharma is a rapidly growing transatlantic specialty pharmaceutical company focused on in-licensing, developing and marketing late-stage oncology, pain control and critical care products. The company markets\* a number of specialty products, including Caphosol® for the treatment and prevention of oral mucositis, a common and debilitating side-effect of radiation therapy and high-dose chemotherapy, ProstaScint® for imaging the extent and spread of prostate cancer, Quadramet® for the treatment of pain in patients whose cancer has spread to the bones, Erwinase® and Kidrolase® for the treatment of acute lymphoblastic leukemia and the collagen implant impregnated with gentamicin Collatamp®. For more information visit: [www.eusapharma.com](http://www.eusapharma.com)

\*not all products are marketed in the EU

### Exactech, Inc.

119

NW 66th Court, 2320  
32653 Gainesville, Florida, USA  
Tel. 001 3523771140, Fax 001 3523782617  
www.exac.com

Based in Gainesville, Fla., Exactech develops and markets orthopaedic implant devices, related surgical instruments and biologic materials and services to hospitals and physicians. The company manufactures many of its orthopaedic devices at its Gainesville facility. Exactech's orthopaedic products are used in the restoration of bones and joints that have deteriorated as a result of injury or diseases such as arthritis. Exactech markets its products in the United States and Australia, in addition to more than 30 markets in Europe, Asia and Latin America. Additional information about Exactech, Inc. can be found at <http://www.exac.com>

### Extremity Medical, LLC

144

300 Interpace Parkway, Suite 410  
07054 Parsippany NJ, USA  
Tel. 001 9735888980, Fax 001 9733169901  
kmcginley@extremitymedical.com  
www.extremitymedical.com

Extremity Medical, LLC is an orthopedic device company developing next generation products for surgeons treating the distal extremities, including the hand, wrist, foot, and ankle. We're focused on iden-

tifying unmet needs and developing unique solutions for fusion, fixation and motion preserving systems for the upper and lower extremities. This market contains a great deal of opportunity to make significant technological advances, and as a result, improve patient outcomes. Our goal is to address challenging conditions and become the innovative leader in small bone and joint reconstruction by aligning and collaborating with key institutions and thought leaders.

### Faes Farma

39

Calle de la Vía de los Poblados, 3  
28033 Madrid, Spain  
Tel. 0034 914680800, Fax 0034 914685934  
www.faes.es

Faes Farma (1933) is devoted to R&D, manufacturing, marketing and exporting pharmaceutical products. With 800 employees and with 215 mE as estimated 2010 sales, Faes is focused on Respiratory, CNS, Metabolism, GI and Gyneacology. Since the 80's, Faes Farma has had a notable position in the rheumatology and osteoporosis field. In 2007, Faes signed a comarketing agreement with Roche to commercialize ibandronic acid under Bondenza® trade mark. Etoricoxib, license from MSD, will be launched in 2010 unde Acoxxel® branded name. This product shall reach the market in the appropriate time to the rheuma-traumatology field, where Faes has dedicated its commitment. According to that, Faes is dedicating its R&D efforts to find new molecules in the area of Metabolism and Bone disease.

### Farmaban s.a.

Y-1

Pol. Ind. Santa Anna Vilella de Claret, s/n  
08272 Sant Fruitós de Bages, Spain  
Tel. 0034 938789507, Fax 0034 938788074  
marketing@farmaban.es  
www.farmaban.es

Farmaban, s.a. is a company founded on 1992 located at Sant Fruitós de Bages (Barcelona) Spain. It started producing elastic adhesive bandages and gradually extended to a range of products until reaching the present catalogue. Our purpose is to identify our company with the medicine professionals giving the best solutions of the healing treatment for patients and easy application and versatility for the user.

## Company descriptions and contact details

### Fh Orthopedics

109

Rue de la Foret, 3  
68990 Heimsbrunn, France  
Tel. 0033 389819092, Fax 0033 389818011  
jm.kerninon@fhortopedics.com  
www.fhortopedics.com

Since 1964, FH ORTHOPEDICS is specialized in developing, manufacturing and marketing orthopaedic implants and joint replacements. Our main product lines:

- sport surgery: TLS, a new concept in ACL and PCL ligament surgery - TENOLIG, implant for percutaneous tenosynthesis of the achilles tendon.
- shoulder lines: ARROW, universal shoulder prosthesis and TELEGRAPH, humeral anterograde nail with self-stabilising screws.

### Fidia Farmaceutici S.p.A.

149-150-151

Via Ponte della Fabbrica, 3/A  
35031 Abano Terme PD, Italy  
Tel. 0039 0498232111, Fax 0039 0498232697  
info@fidiapharma.it  
www.fidiapharma.com

Fidia Farmaceutici S.p.A. (Italy) operates worldwide with the aim of developing and marketing innovative products, mainly based on hyaluronan (HY) and its derivatives, to treat musculoskeletal disorders, including OA, and for tissue repair. Approved products include: a HY-based product for intra-articular (i.a.) injection (Hyalgan/Hyalart); fermentation-derived, HY-based, i.a. viscosupplements (Hyalubrix; Hyalone, single administration to the hip); a sodium diclofenac 2nd generation matrix adhesive patch for local treatment of pain and inflammation (Itami).

### Fin-Ceramica Faenza S.p.A.

92

Via Granarolo, 177/3  
48018 Faenza (RA), Italy  
Tel. 0039 0546607311, Fax 0039 0546607337  
ddonati@finceramica.it  
www.finceramica.it

Finceramica develops and produces proprietary bone and cartilage substitutes, including custom-made solutions for particular clinical needs. Research activity focuses on innovative bioceramic materials, ceramic-polymer composites and a new generation of biological joint replacements and knee resurfacings.

### Finsbury Orthopaedics

69-70

Mole Business Park, Randalls Road, 13  
KT227 BA Leatherhead, Surrey, United Kingdom  
Tel. 0044 1372360830, Fax 0044 1372360779  
info@finsbury.org  
www.finsbury.org

Over three decades of collaborative development with pioneering orthopaedic surgeons has resulted in a portfolio of advanced joint replacement products which are sold globally.

Featured products include:

- DeltaMotion®: The world's first truly large diameter ceramic-on-ceramic bearing, FTC™ Femoral Stem, FTS™ Femoral Stem, PAL™ Position Alignment System, ADEPT® Hip System, Medial Rotation Knee® and BOX® Total Ankle Replacement.

### FORTE – Federation of Orthopaedic Trainees in Europe

61

Charlotte de Bourbonlaan 33C  
Rotterdam, The Netherlands  
Tel. 0031 624231729  
president@forte.eu.com  
jlg.alvesdasilva@gmail.com  
www.forte-orthopaedics.com

FORTE is an European association for residents in Orthopaedic training belonging to the national Orthopaedic societies represented at EFORT. Its objectives are:

- To promote and improve the standards of orthopaedic training in Europe
- To provide a basis for international links for orthopaedic trainees across Europe
- To act as a communications centre with information about courses and educational opportunities.
- To build a database of educational activities and fellowship opportunities.
- To act as a point of referral and contact for industry, educational bodies and government regarding orthopaedic training in Europe.
- To represent the interests of trainees in orthopaedic surgery in Europe.

## Company descriptions and contact details

### Fundacion Mapfre

33

Paseo de Recoletos, 23  
28004 Madrid, Spain  
Tel. 0034 915816236, Fax 0034 915818535  
yminguez@mapfre.com  
www.fundacionmapfre.com/salud

FUNDACIÓN MAPFRE is a private foundation which returns to the society part of the profit of the insurance group MAPFRE, through different activities. Structured in five institutes, the Health, Environment and Safety Institute devotes its activity to promoting research, education and spreading knowledge in those areas through society, with a special focus on the elderly, scholars and professionals. On health, we specifically cover traumatology, medullary and brain damage, assesment of body damage, hospital management and quality.

### Geistlich Surgery

23

Bahnhofstrasse, 40  
6110 Wolhusen, Switzerland  
Tel. 0041 414925555, Fax 0041 414925639  
dirk.kuhlmann@geistlich.ch  
www.geistlich-pharma.com

Geistlich Surgery develops premier global solutions for the formation of bone and cartilage in the field of regenerative medicine. Orthoss® is a natural bone graft substitute with a macro- and micro-porous structure similar to human cancellous bone. Orthoss® is an ideal bone graft substitute which can be used alone or during composite bone grafting using autologous bone or bone marrow aspirate. Over 20 years of clinical experience show a high degree of safety and efficacy. Chondro-Gide® is the leading natural collagen matrix in cartilage regeneration. It is used to treat cartilage defects using the innovative AMIC® technique or using ACL.

### GraMedica

Y-5

Leone Dr.,16137  
48042 Macomb MI, USA  
Tel. 001 586 677 9600, Fax 001 586 677 9615  
info@gramedica.com  
www.gramedica.com

GraMedica: medical device manufacturing and distribution company headquartered in Macomb, MI, USA. Developer of HyProCure® Sinus Tarsi Implant. The unique design, simplified trial sizing and placement make it the best stent available for restoring STJ motion. For more information please visit [www.gramedica.com](http://www.gramedica.com)

### Groupe Lepine

118

Rue Jacquard, 175  
69730 Genay, France  
Tel. 0033 0472330295, Fax 0033 0472359650  
l.clochard@groupe-lepine.com  
www.groupe-lepine.com

After almost 300 years existence, Groupe Lépine is today the French leading designer and manufacturer of orthopaedic joints implants, with all ergonomic instrumentations: NEW WAVE® mobile bearing knee, TARGOS® HA coated hip prosthesis, Marc.K® cemented Hip (25 years clinical validation), TMC joint Maia®, biomaterials and soft splints. For many years, Groupe Lépine integrated all the manufacturing processes by using new technologies such as new Vacuum Plasma Spray coating system for HA and improved forging process. In the reach of competitive improvement, Groupe Lépine is expanding its worldwide representation by seeking distribution partners.

### Gruppo Bioimpianti Srl

83

Via Liguria, 28  
20068 Peschiera Borromeo (MI), Italy  
Tel. 0039 0251650371, Fax 0039 0251650393  
info@bioimpianti.it  
www.bioimpianti.it

Founded in 1992 Gruppo Bioimpianti is an extremely dynamic Italian enterprise well known in the orthopaedic sector for its constant commitment to research, major investments and continual updating. All its products, such as hip and knee primary and revision prosthesis, tumoral prosthesis, intramedullary nails for femur, tibia & humerus, osteosynthesis and more, have achieved excellence terms of safety thanks to avant-garde machinery employed in increasingly precise production processes and techniques and under increasingly stringent quality control. All this has one, sole objective: to improve the patient's quality of life.

### Heraeus Medical GmbH

130

Philipp-Reis-Str. 8/13  
61273 Wehrheim, Germany  
Tel. 0049 (6181)352940, Fax 0049 (6181)352947  
jana.machemer@heraeus.com  
www.heraeus-medical.com

Heraeus Medical is a biomaterials company that develops, manufactures and markets innovative products to make an essential contribution to improving surgical results in more than 50 countries worldwide. PALACOS® R – more than 50 years of clinical success

## Company descriptions and contact details

PALACOS®R is probably the best known product from Heraeus and synonym for proven bone cement. COPAL® – Supporting your revision needs. Heraeus embraces the increasing importance of revision surgery. The company's product spectrum ranges from the bone cement COPAL®G+C with dual antibiotic supplement for implant fixation to a special cement for molding temporary spacers as part of two-stage revisions (COPAL® spacem).

### Hip International

27

Via Friuli, 72  
20135 Milano, Italy  
Tel. 0039 025455122, Fax 0039 0255195971  
lucia.steele@wichtig.it  
www.wichtig-publisher.com

Hip International is a quarterly peer-reviewed publication dealing entirely with selected topics related to conservative surgery, traumatology, prosthetic surgery, paediatrics, biomechanics, and basic sciences relating to the hip. It is the Official Journal of the European Hip Society and it is affiliated with the Italian, Spanish, Turkish and Argentinian Hip Societies. It is also listed in the most important databases and it is fully available online (www.hip-int.com).

### I.C.R.S. – International Cartilage Repair Society

26

PO Box, 675  
8044 Zürich, Switzerland  
Tel. 0041 443888412  
office@cartilage.org  
www.cartilage.org

ICRS is a forum for international collaboration in cartilaginous tissue research by bringing together basic scientists, clinical researchers and industry representatives, engaged or interested in the field of cartilage biology and cartilaginous tissue engineering. The link between laboratory work and the daily treatments of patients in a clinical setting is very important. ICRS has as the ultimate goal the stimulation of education and research within the field of cartilage repair through regular congresses, skills courses, publications and other forms of communication.

### Imedicom Co., Ltd.

17

#612 Hanlim Human-Tower 1-40 Guemjung-dong  
435-050 Gunpo-si, Gyeonggi-do, Republic of Korea  
Tel. 0082 314791156, Fax 0082 314791157  
john@imedicom.co.kr  
www.imedicom.co.kr

IMEDICOM Co., Ltd. is a first company who certified for the orthopaedic power system and saw blade in Korea. The Leopard series has strong power and ergonomic design with comfort grip based on last 10 years of development experience for 1st generation system.

### implantcast GmbH

125-126

Lüneburger Schanze, 26  
21614 Buxtehude, Germany  
Tel. 0049 41617440, Fax 0049 4161744200  
info@implantcast.de  
www.implantcast.de

implantcast GmbH is a successful German company, producing and selling medical implants such as total knee and hip systems, revision systems, as well as smart joints for shoulder, elbow, ankle, spine and fingers. Furthermore implantcast has developed and is continuously refining the MUTARS tumorsystem.

### Joint Replacement Instrumentation Ltd

129

Chandos Street, 10A  
W1G9DQ London, United Kingdom  
Tel. 0044 02079085379, Fax 0044 02079085369  
fayth.skidmore@jri-ltd.co.uk  
www.jri-ltd.co.uk

JRI has been developing clinically successful orthopaedic products since 1970. JRI was the first manufacturer to launch a non cemented hip prosthesis with the highly successful Furlong Hydroxyapatite coated stem. JRI continues to invest in the development of innovative joint replacement and joint repairs products, working closely with clinicians to help patients return to their normal daily activities

## Company descriptions and contact details

### **Journal of Bone and Joint Surgery**

**64**

Buckingham Street, 22  
WC2N 6ET London, United Kingdom  
Tel. 0044 02077820010, Fax 0044 02077820995  
info@jbjs.org.uk  
www.jbjs.org.uk

The Journal of Bone and Joint Surgery is a world leading orthopaedic journal consisting of two volumes - American and British. Subscribe to both volumes during the conference and receive 20% off a 2 year deal or 10% off a one year deal.

### **KCI**

**44**

Van Heuven Goedhartlaan, 11  
1180 AC Amstelveen, The Netherlands  
Tel. 0031 204260037, Fax 0031 204260096  
abach@kci-medical.com  
www.kci-medical.com

Kinetic Concepts, Inc. (KCI), is a leading global medical technology company devoted to the discovery, development, manufacture and marketing of innovative, high-technology therapies and products for the wound care, tissue regeneration and therapeutic support system markets. Headquartered in San Antonio, Texas, KCI's success spans more than three decades and can be traced to a history deeply rooted in innovation and passion for significantly improving the healing and the lives of patients around the world.

KCI markets its products in more than 20 countries. For more information about KCI, and how its products are changing the practice of medicine, visit [www.KCI1.com](http://www.KCI1.com)

### **Kinamed, Inc.**

**42**

820 Flynn Rd.  
93012 Camarillo CA, USA  
Tel. 001 805-384-2748, Fax 001 805-384-2792  
pmiller@kinamed.com  
www.kinamed.com

A hands-on demonstration of the unique SuperCable™ "Polymer" Cerclage System will be available at Kinamed's booth. The polymer SuperCable cerclage system offers improved fatigue strength and eliminates metal cable debris generation. Glove tears and "sharps injury" that can occur with metal cerclage systems are eliminated. The SuperCable system includes Trochanteric Grips and Cable-Plates with both locking and compression screws. The CarboJet® CO<sub>2</sub> Lavage System for cleaning of bone surfaces in cemented arthroplasty will also be demonstrated. CarboJet has been shown to provide a

reduction in embolization of fat as well as an increase cement penetration over standard saline lavage techniques.

### **Königsee Implantate GmbH**

**107**

OT Aschau, Am Sand, 4  
07426 Allendorf, Germany  
Tel. 0049 (0)3673849826, Fax 0049 (0)36738498777  
ceo@koenigsee-implantate.de  
www.koenigsee-implantate.de

Production and distribution of innovative implants and instruments for traumatology, orthopaedics and spine surgery; e.g. plates, screws, nails, vertebral cages, angle-stable and variable angle-stable plate systems made of titanium or steel. The complete product range for osteosynthesis is 'Made in Germany' and distributed worldwide. Königsee Implantate GmbH is known for its certified top quality, delivery reliability, an excellent price/performance ratio and comprehensive service.

### **Laboratorios Farmacéuticos ROVI**

**81**

Julian Camarillo, 35  
28037 Madrid, Spain  
Tel. 0034 913756230, Fax 0034 913047881  
rovi@rovi.es  
www.rovi.es

ROVI is a fully-integrated, profitable Spanish specialty pharmaceutical company engaged in the research, development, in-licensing, manufacturing and marketing of small molecule and specialty biological drugs. The Company has a diversified portfolio of products that it markets in Spain through its specialized sales force, calling on specialist physicians, hospitals and pharmacies. ROVI's portfolio of 27 principal marketed products is currently anchored by the internally-developed, second generation low molecular weight heparin, Bemiparin. ROVI's research and development pipeline is focused primarily on addressing currently unmet medical needs by developing new LMWH-based products and expanding applications for its existing LMWH-based products.

### **Laboratorios Gebro Pharma, S.A.**

**133**

Av. Tibidabo, 29  
08022 Barcelona, Spain  
Tel. 0034 932058686, Fax 0034 932058684  
esther.lopez@gebro.es  
www.gebro.es

Laboratorios Gebro Pharma S.A., the Spanish subsidiary of the Austrian company Gebro Pharma GmbH, was established in March 2002

## Company descriptions and contact details

with head office in Barcelona. Its main activity focused on the development and marketing of treatments for pain and inflammation, rapidly gaining a position in the areas of rheumatology, pain units and hospitals. Laboratorios Gebro Pharma is now a rapidly expanding company and has enjoyed successful co-promotion experiences. With a team of more than 100 professionals, it has shown one of the most significant growth rates in the Spanish pharmaceuticals market in terms of turnover and commercial coverage. Laboratorios Gebro Pharma products cover different therapeutic areas, like Pain and Inflammation, Rheumatoid Arthritis, Psoriasis, Osteoporosis, Cardiovascular, Oncology and Drugaddiction.

### Laboratorios Viñas, S.A.

19

Provenza, 386-5ª planta  
08025 Barcelona, Spain  
Tel. 0034 932134700, Fax 0034 932102394  
iclinica1@vinas.es  
www.vinas.es

Laboratorios Viñas S.A., founded in 1911, is a national and family pharmaceutical company that has pursued innovative and forward-looking vision of its founder, the pharmacist Mr. Pedro Viñas (1878-1948), promoting research-oriented approach gradually enabled Laboratorios Viñas to reach the scientific and social objectives that have always driven it, overcoming the increasingly more demanding requirements of quality, safety and comparative efficacy required by new drugs. Many medicinal products (traumatology, rheumatology, dermatology, odontology, etc) are reference points of its research department. From its foundation, Laboratorios Viñas, has been part of the plan of research promotion in Spain, now called Plan Profarma.

### LEXI Corporation,Ltd.

Y-10

Kyodo bldg.9F, Sugamo 3-36-6  
170-0002 Toshima-ku, Tokyo, Japan  
Tel. 0081 3 5394 4833, Fax 0081 3 5394 4834  
noriosei@lexi.co.jp  
www.lexi.co.jp/e\_top.html

LEXI Corp. develops/sells 3-dimensional template software for TKA and THA. The S/W provides 3D bone models as well as MPR CT images in order to select best sizes of knee/hip components and to accurately place them at the best positions of joints. ZedKnee for TKA calculates necessary parameters for intra-op. bone cutting jig as accurate as 3D navigators. A long stem/augment blocks for a revision knee can be easily planned. ZedHip for THA can place a cup by Anteversion/Inclination angles, separately move respective parts of

multi-component cup/stem and simulate leg length, offset and ROM for impingement for each patient.

### Lima Corporate

65

Via Nazionale, 52  
33038 Villanova di San Daniele (UD), Italy  
Tel. 0039 0432945511, Fax 0039 0432945512  
info@lima.it  
www.lima.it

Entrepreneurial ability and imagination, flexibility and farsighted look at future requirements, intuition in the application of materials and technology of the future.

Lima Corporate is present worldwide with products that are the synthesis of a philosophy that have made research and innovation a milestone.

Lima Corporate can claim an experience of over 60 years in the medical field and in biomaterials with implantable prosthesis substitutes of bone articulations: knee, hip, shoulder and minor joints arthroplasty.

### Linvatec Spain, S.L.

82

Gran Via Carles III, 124, 3-2  
08034 Barcelona, Spain  
Tel. 0034 932064070, Fax 0034 932064071  
spain@linvatec.com  
www.conmed.com/newdesign.php

ConMed Linvatec is a global leader in the fields of arthroscopy, multi-specialty endoscopic medical video systems and powered surgical instruments. Headquartered in Largo, FL, ConMed Linvatec is at the forefront of technology for a growing range of minimally invasive and orthopaedic surgery procedures. Orthopaedic surgeons use ConMed Linvatec arthroscopic instrumentation, implants, fixation and tissue repair systems with brand names that include Linvatec and Shutt®, for diagnostic purposes, minor surgeries and complex reconstructions of knees, shoulders and small joints such as the wrist and ankle. The famous Hall® Surgical line of powered surgical instrumentation featuring the PowerPro® system and a comprehensive line of accessories all remain the standard of care in oral/maxillofacial, otolaryngology, podiatry, thoracic hand and neurosurgery.

## Company descriptions and contact details

### **Madrimed Medizintechnik GmbH**

**103-D**

Werner-Bader-Strasse, 1  
5111 Buermoos, Austria  
Tel. 0043 62746236105, Fax 0043 62746236106  
office@madrimed.com  
www.madrimed.com

Madrimed raises the bar when it comes to innovation, performance, design, economy and safety. The company's philosophy is a holistic one. The doctor, the office and clinic staff and the patient are always equally at the center of attention.

And Madrimed stands for the courage to travel new roads. The knowledge gained from decades of experience in the medical technology industry enables Madrimed engineers to continually bring about new, innovative solutions. The art of European engineering and cost-effective production need not stand in contradiction; Madrimed products' rigorous pricing is proof. Meeting the highest European standards while keeping production costs low amounts to considerable savings which are directly passed on to the customer. In addition to the price advantage, customers can also take advantage of the Austrian medical technology specialists' world-wide service network.

### **Masterfarm S.L.**

**145**

Plaza Europa, 13-15  
08098 Hospitalet de Llobregat (Barcelona), Spain  
Tel. 0034 934099040, Fax 0034 934914673  
jagut@fdg-farmadiet.com  
www.fdg-farmadiet.com/masterfarm

Masterfarm S.L. is one of the companies of FDG Farmadiet Group. FDG was created in 1992 by a group of professionals from the chemical-pharmaceutical and foodstuff sector, we are at the service of health professionals and their patients. From our RD&I Department, we study the market needs and propose innovative solutions based on evidence, both for raw materials and for the finished product.

### **Mathys Ltd Bettlach**

**103-A**

Gueterstrasse, 5  
2544 Bettlach, Switzerland  
Tel. 0041 326441258, Fax 0041 326441817  
doris.diaz@mathysmedical.com  
www.mathysmedical.com

Mathys Ltd Bettlach ... together with passion! For over 50 years, Mathys Ltd Bettlach has dedicated itself to maintaining and improving the mobility of human beings. The product portfolio consisting of artificial joint replacements for hip, knee and shoulder as well as synthetic biomaterials have brought Mathys Ltd Bettlach from being

a small business to being a worldwide active enterprise. ..."together with passion!" is more than a slogan. The passion you feel every single day for your work is the same passion this company devotes to its products. Our challenge lies in finding new solutions and adapting our current products to the changing market demands. This requires intensive and continual dialogue combined with close cooperation with the surgeons, who are working daily with our products. Our common target: finding the best possible solution for our patients!

### **MBA**

**123**

Enrique Martínez, 27  
33204 Gijón, Spain  
Tel. 0034 985195505, Fax 0034 985373452  
mba@mba.eu  
www.mba.eu

MBA is a leader in the medical surgical technology sector in Europe. This is a "young" company because of the average age of our staff, because of their enthusiasm and motivation, and because of their new and ambitious approaches. But it is also a company with great experience. We have been leading the Spanish traumatology and orthopaedics market for the last twenty years while we've constantly expanded our presence in other markets. MBA exists to create value for the specialist physician, by providing them with the latest technology, all existing knowledge and the best service possible. Our goal is for these specialists' work to be easier, simpler and more satisfactory, for them to achieve better clinical outcomes and for it to be more beneficial for the patient and for society as a whole. To do this, innovation guides the company's work in all its dimensions. This includes the products it offers to its customers. In order to be able to offer major innovations, MBA understands that it must be and remain independent from any organisation outside of its clients' own interests.

### **MDT Int'l SA**

**56**

Chemin Malombré, 10  
1206 Geneva, Switzerland  
Tel. 0041 227040545, Fax 0041 227040549  
m.viron@mdtsa.ch  
www.mdtint.com

MDT Int'l SA is a Swiss Medical Device company committed to Orthopaedics, Rheumatology and Sports medicine, with two patented devices registered in Europe. RenehaVis™ is a unique combination of two intra-articularly injectable Sodium Hyaluronates for "knees dynamic needs". DMC (Dual Molecular Weight & Concentration) is RenehaVis™ innovation in the management of knee osteoarthritis.

## Company descriptions and contact details

SportVis™ helps "keeping active people active": the peri-articular injection of SportVis™ component called STABHA™ promotes both a faster and better recovery of first and second degree sprained ankles, with a reduced risk of recurrences. Meet us at our stand N° 56 for more information.

### **MDT Orthopedic Implants** **16**

Avenue Brasil, 2983  
13.505-600 Rio Claro, Brazil  
Tel. 0055 1921116500, Fax 0055 1921116573  
fernando@mdt.com.br  
www.mdt.com.br

The MDT group is composed by companies with more than 23 years of experience in the orthopedic implants. Always keeping the focus on quality, currently serves the entire Brazilian territory and more than 20 countries around the world with their products. Compliance with the rules and laws in force, associated with the latest technology are the basis of the philosophy of the company's work on "Excellence in Quality" strategically adopted by the administration of the MDT.

### **Medacta International** **102-B**

Strada Regina  
6874 Castel San Pietro, Switzerland  
Tel. 0041 916966060, Fax 0041 916966066  
crespan@medacta.ch  
www.medacta.com

Medacta is a swiss company developing, manufacturing and distributing joint replacement devices worldwide. Our main focus is the anterior minimally invasive surgery AMIS® for THA and iMNS, the versatile navigation system for TKA. We offer a comprehensive educational program to reduce the learning curve associated with these techniques.

### **Medartis AG** **103-C**

Hochbergerstrasse, 60E  
4057 Basel, Switzerland  
Tel. 0041 61 633 34 59, Fax 0041 61 633 34 00  
franziska.stemmler@medartis.com  
www.medartis.com

Medartis AG, headquartered in Basel, Switzerland, specializes in technical high-precision implants for surgical fixation of bone fractures and osteotomies.

### **Medcomtech S.A.** **139-B**

Anton Fortuny 14-16, 1° 1a A  
08950 Esplugues Llobregat, Spain  
Tel. 0034 934803374, Fax 0034 934730120  
ahoms@medcomtech.es  
www.medcomtech.es

Our company imports proshetic material that afterwrds we supply to public and private hospitals

### **Medfix** **110**

East Grant Road, 2109  
85719 Tucson AZ, USA  
Tel. 001 5203985467, Fax 001 5208448046  
sales@medfixinc.com  
www.medfix.com

Medfix offer the finest new and certified pre-owed surgical and medical equipment available. Medfix proudly serves both the International and domestic medical communities with an extensive selection of trauma products, fracture management set, power equipment and neurosurgical and spine products.

### **medi GmbH & Co. KG** **53-54**

Medicusstrasse, 1  
95448 Bayreuth, Germany  
Tel. 0049 921912785, Fax 0049 921912783  
h.zeller@medi.de  
www.medi.de

Medi produces medical aids for a variety of conditions and life situations. But we don't see ourselves solely as a manufacturer. On the contrary, we handle our own research and development, technology, production, and marketing and sales in-house - always keeping our focus on the market, its demands and variables, and the medi vision. Within its four business divisions, Phlebology, Orthopaedics, Prosthetics and Hospital, medi offers products under the family brands medivan®, mediortho®, and medipro®. These products are used and distributed by medical supply stores, hospitals and clinics, doctors and therapists. In other words, specialist who know which users need which aids to improve their quality of life.

## Company descriptions and contact details

### Medibooks, S.L.

Paris, 46  
08029 Barcelona, Spain  
Tel. 0034 933631112, Fax 0034 933631114  
info@medibooks.es  
www.medibooks.es

Y-7

We publish the Spanish Traumatology Year Book, as well as year book for other medical specialities: Cardiology, Radiology, Urology, O.R.L. etc. Our web is a bibliography searcher, displaying more than 194.000 references of articles, communications and posters from spanish authors.

### MEDICALEX

Av. Aristide Briand 20  
92220 Bagneux, France  
Tel. 0033 1 46 11 16 20, Fax 0033 1 46 65 41 41  
francemed@wanadoo.fr

X-3

Our company, created in 1967 is specialized in the design, the manufacture and the trade of orthopaedic implants but also of various surgical materials. For better meeting the needs for our customers, we study any request concerning specific products. Our development and research laboratory, created in 1987, as our manufacturing unit allow us to manufacture custom made devices and new products. This structure enables us to collaborate with the services of orthopaedic surgery of the hospitals and private clinics.

### Medyssey Co., Ltd.

722-3, #501 Science Tower  
483-020 Jihaeng-dong, Dongducheon-city, Republic of Korea  
Tel. 0082 318790414, Fax 0082 318790415  
jaylee@medyssey.com  
www.medyssey.com

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Medyssey is a spine implants manufacturer specialized in the orthopedic and neurosurgery fields considering the human life as well as the human health. Medyssey promises all of you to be the best business partner and the future leader by opening the evolutionary era in this field with our never-stopping efforts and better services by enhancing our new products and new technology all the time. List of our products.

1. Novel Et Zenius System: Reverse-Trapezoid locking system and the slot effect in the set screw.
2. Varian Expandable Spacer: One-Turning Expanding mechanism with simplified implantation.
3. WaveFlex semi-rigid rod system.

### Memometal Technologies

Rue Blaise Pascal - Campus Ker Lan  
35170 Bruz, France  
Tel. 0033 (0)299055969, Fax 0033 (0)299059562  
info@memometal.com  
www.memometal.com

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MEMOMETAL is the world leading NiTiNol medical device manufacturer, and one of the few companies focused on extremities (foot/ankle and hand/wrist) markets. MEMOMETAL global offer, including unique products using NiTiNol, a nickel/titanium alloy with excellent shape memory and super elasticity properties are extremely beneficial for both patients and surgeons. MEMOMETAL is wide acknowledged for its revolutionary products, such as the SMART TOE®, which is used by leading surgeons to treat hammer or claw toes. The implant ensures optimal functional results and reduces risk of infection.

### Micromedics

Eagan Industrial Road, 1270  
55113 St. Paul MN, USA  
Tel. 001 6514521977, Fax 001 6514521787  
kdebes@micromedics.com  
www.micromedics.com

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Micromedics, Inc. - FibrJet® Biomaterials Applicators  
Micromedics will demonstrate the latest innovations in biomaterials delivery systems, including a soon-to-be-released FibrJet Graft Delivery Device designed to deliver allograft, autograft or synthetic bone graft materials to an orthopedic surgical site. FibrJet® Biomaterials Applicators, the Gold Standard in Biomaterials Delivery Systems, provide an extensive array of sterile, single-use, instruments that meet demanding surgical requirements by providing optimal delivery and precise placement of one or two component liquid biomaterials. Benefits include:

- Optimum access and visibility
- Broad coverage and excellent mixing
- Easy, one-handed delivery

### MOVINGTECH

C/o CHIROPPO Italia Srl  
Piazza del Risorgimento 14  
00192 Roma, Italy  
Tel. 0039 066421546, Fax 0039 06 64520625  
info@movingtech.net

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MOVINGTECH - "The future is coming". MOVINGTECH is an innovative Company Group that with its Patents establishes a new technological and clinical era for Spine Surgery. It provides a great Quality

## Company descriptions and contact details

advancement with its new concept of percutaneous procedure of the Vessel-X®. MOVINGTECH develops its expertise for supporting Physicians and Patients. One of its main principles is based on an International University Network of scientific exchanges and surveys on surgical field, providing like this an excellence and safety background. MOVINGTECH presents by its two European Branch Offices in Germany and in Italy and in entire European Countries with its Business Management.

### **MTF – Musculoskeletal Transplant Foundation** 75-A

125, May Street  
08837 Edison, New Jersey, USA  
Tel. 001 8004336576, Fax 001 7326612298  
jerome\_bridgeman@mtf.org  
www.mtf.org

The Musculoskeletal Transplant Foundation is a non-profit organization dedicated to providing quality tissue through a commitment to excellence in education, research, recovery and care for recipients, donors and their families. Since our inception in 1987, we've distributed over 4 million grafts, and maintain an unrivaled safety record. MTF offers a comprehensive selection of Musculoskeletal Allograft tissues including Struts, Cancellous Chips, Shafts, Iliac Crest Wedges, Anterior/Posterior Tibialis Tendons, Bone-Tendon-Bone, Femoral Heads, Fascia Lata, Menisci, Demineralized Tissues and much more. MTF is AATB accredited and ISO certified. Additionally; we maintain the most extensive inventory of large grafts in the United States.

### **N.M.B. Medical Applications Ltd.** 57

Ha'Hoshlim 11  
46724 Herzelia, Israel  
Tel. 00972 99511511, Fax 0097299548939  
info@nmb-med.com  
www.nmb-med.com

N.M.B. Medical Applications Ltd. (formerly Disc-O-Tech Medical Technologies Ltd.), is engaged in developing, manufacturing and marketing of innovative solutions for the fixation of long bones fractures. The company uses its cumulative knowledge and expertise in the field of orthopedics to develop products which enhance the quality of life of patients and are more user-friendly for surgeons. The company has a full line of trauma products, including the Fixion® Intramedullary Nailing family that comprises expandable metal nails. The Fixion products are marketed world-wide, with over 60,000 implantations performed thus far.

### **Neoligaments** 108

Springfield House, Whitehouse Lane  
LS19 7UE Leeds, United Kingdom  
Tel. 0044 (0)1132387202, Fax 0044 (0)1132387201  
dawn.maguire@neoligaments.com  
www.neoligaments.com

Neoligaments specialise in the manufacture of sterile implantable scaffolds for the sports medicine and orthopaedic markets. Its extensive portfolio includes the Poly-Tapes and the Leeds-Keio range of ligaments, one of the world's leading prosthetic ligament products. The Neoligaments scaffolds are used for tissue approximation, including use in reconstructing damaged or torn ligaments and tendons for the knee, shoulder and ankle joints. Over 100,000 patients' injured joints have been successfully treated with our scaffolds, thus restoring their quality of life.

### **Newcastle Surgical Training Centre** Y-9

Freeman Road  
NE7 7DN Newcastle, UK  
Tel. 0044 191 2138588  
sian.gillinder@nuth.nhs.uk  
www.nstcsurg.org

The NSTC is a state-of-the-art cadaveric medical facility dedicated to furthering your professional development using the best training, education and equipment available. Combining didactic & practical skills, our multidisciplinary courses are delivered to you by highly trained professional clinicians. One of the first UK units of its kind to be licensed under the human tissue authority (HTA), the NSTC provides a specialist forum for professional skills and allows leading surgeons to provide cadaveric training in a wet lab environment. Since opening in September 2007 this unique resource has gone on to achieve both national & international recognition, and is part of the national drive to improve safety and delivery of new, near-patient technology.

### **Newclip Technics** 60

ZA du Patis - Rue de la Fontaine Grillee  
44690 La Haye Fouassiere, France  
Tel. 0033 228213712, Fax 0033 240636837  
contact@newcliptechnics.com  
www.newcliptechnics.com

Founded in 2002, NEWCLIP TECHNICS is based in the West of France, near Nantes. The company designs, manufactures and sells various ranges of osteosynthesis implants for orthopedic surgery and trau-

## Company descriptions and contact details

matology. Innovation, quality and performance are the focus of our actions:

- **Innovation** : Developing innovative products through an ambitious research and development program, illustrated by numerous international patents such as the polyaxial locking mechanism Dual Tech System (DTS®), which granted the company the first prize of the contest initiated by the French Research Ministry.
- **Quality** : Constantly improving our products to maintain the highest standards of quality and offer products well-adapted to the market and respectful of the conformities. Therefore, NEWCLIP TECHNICS is certified ISO 13485 version 2003.
- **Performance** : Leading to clinical results meeting the surgeons and patients expectations.

Thanks to our up-to-date design tools and production means, NEWCLIP TECHNICS continually attempts to develop its marketing frame by extending its range of products. The company has developed an international network and is already present in the U.S, Japan, Europe, Australia and South Africa. Our goal is to provide high technology solutions responding to the latest surgical trends.

### **Normed Medizin-Technik GmbH**

**93**

Ulrichstrasse, 7  
78532 Tuttlingen, Germany  
Tel. 0049 746193430, Fax 0049 7461934320  
info@normed-online.com  
www.normed-online.com

Normed Medizin-Technik is a German organization specialized in innovative high quality products for small bone surgery. We provide an extensive range of titanium osteosynthesis systems and specialized surgical instruments for:

- Foot - and Ankle Surgery
- Orthopaedic Surgery
- Hand- and Reconstructive Surgery, Plastic Surgery
- Cranio-Maxillo-Facial-Surgery

Highest quality, service, competence and full satisfaction of all customers is the company's first priority. We distribute our products worldwide in more than 70 countries and since more than 20 years.

### **OHK Medical Devices Ltd.**

**68**

Pal Yam, 16  
31002 Haifa, Israel  
Tel. 00972 48242369, Fax 00972 48346753  
contact@hemaclear.com  
www.hemaclear.com

OHK Medical Devices brings a new solution for blood management in orthopedic surgery, replacing a one hundred year old technique with an innovative simple paradigm. The HemaClear® is a simple innovative solution for blood free surgery; it expels up to 95% of the blood, blocks arterial in-flow and spreads a sterile barrier over the limb in less than 12 seconds. HemaClear® is OHK's first commercial product and the company has already sold more than 150,000 units worldwide. HemaClear® is designed to provide a clear sterile field for either proximal or distal upper & lower extremity operations. It comes in four sizes with circumference ranging from 14-90 cm. It is maintenance-free single-patient sterile device.

### **OMNIlife science**

**X-6-7**

50 O'Connell Way, 10  
02718 East Taunton MA, USA  
Tel. 001 5088242444, Fax 001 5088226030  
b.schneider@plussurgical.com  
www.omnils.com

OMNIlife science designs, manufactures and distributes state of the art modular hip & knee replacement systems. Founded in 1998, we continue to challenge the design and functionality of our products based on continued advances in reconstructive surgical techniques, anatomic and biomechanical data, and input from surgeons. Headquartered in Taunton, Massachusetts, OMNI is proud to support the EFORT Congress.

### **Ondas De Choque Trauma – MTS**

**13**

Loreto, 44, 5ª1ª  
08029 Barcelona, Spain  
Tel. 0034 670579565  
info@ondasdechoquetrauma.com  
www.ondasdechoquetrauma.com

Ondas de Choque Trauma SL, as official distributor for MTS-TRT, provides the highest level of customer service, reliability and expertise. MTS Europe GmbH and Tissue Regeneration Technologies LLC are at the forefront of non-invasive healing and tissue regeneration through intelligent shockwave application. Our interdisciplinary team of physicians, biologists, physics and engineers collaborates with world-renowned universities and scientific research institutions to devel-

## Company descriptions and contact details

op and establish new standards of treatment for poorly-served indications. Our therapy systems are successfully used throughout the world in orthopaedics, wound management, traumatology, urology and veterinary medicine. Experience the new gold standard – intelligent shockwaves for better quality of life.

### **Orthofix Orthopedics International** 122

Via delle Nazioni , 9  
37012 Bussolengo (VR), Italy  
Tel. 0039 0456719000, Fax 0039 045 6719380  
claudiabidoli@orthofix.it  
www.orthofix.com

We are a diversified orthopedic products company offering a broad line of minimally invasive surgical, as well as nonsurgical, products for orthopedic reconstruction and trauma. Our products are designed to address the lifelong bone-and-joint health needs of patients of all ages, helping them achieve a more active and mobile lifestyle. We design, develop, manufacture, market and distribute medical equipment used principally by musculoskeletal medical specialists for orthopedic applications.

### **OsteoMed L.P.** X-5

3885 Arapaho Rd.  
75001 Addison TX, USA  
Tel. 001 972-677-4600, Fax 001 972-677-4601  
info@osteomed.com  
www.osteomed.com

OsteoMed is a leading global developer and manufacturer of innovative quality products that improve patient outcomes and offer technically advanced, simple and cost effective surgical solutions. OsteoMed's Small Bone Orthopedics division offers the orthopedic surgeon premium implant products, including:

- Foot Fixation system - Locking plating system with anatomical specific plates
- Hand Fixation system - Locking plating system
- ExtremiFix Cannulated headless and lag screws
- MTP arthroplasty implants - ReFlexion 3 piece modular system, BioAction with simple insertion, Hemi, new EnCompass metatarsal resurfacing implant
- InterPhlex flexible stabilization rods for maintenance of mobility and toe length
- TalarFit anatomically correct subtalar implant
- OsteoVation bone void filler

### **Osteotech, Inc.** 111-124

51, James Way  
07724 Eatontown NJ , USA  
Tel. 001 7325422800, Fax 001 7325786688  
auerbach@osteotech.com  
www.osteotech.com

Osteotech is a global leader and innovator in biologics for musculoskeletal surgery. Focusing on trauma, total joint revision and spinal procedures, Osteotech provides a full line of innovative regeneration technologies such as Grafton® DBM, Graftech® Bio-Implants, Osteopure®, Xpanse® Bone Inserts, Plexur® Biocomposites, MagniFuse™ Bone Graft, and Facetlinx™ Fusion Technology.

### **Permedica S.p.A.** 134

Via Como, 38  
23807 Merate, Italy  
Tel. 0039 (0)399514811, Fax 0039 (0)399903078  
jennifer.mcherron@permedica.it  
www.permedica.it

Permedica spa is a medical device manufacturer specializing in hip and knee joint replacement. Our products are of high quality and innovative design. We follow rigorous manufacturing methods, utilizing state of the art technology and the highest grade materials for the production of Class II and Class III medical devices. Our 12,000 m2 facility houses most all phases of the manufacturing process including forging. Located in Northern Italian, Permedica spa is the company of choice for orthopedic surgeons.

### **Pfizer** 72

East 42nd, 235  
10017 New York NY, USA  
Tel. 001 2127336139, Fax 001 6464414496  
alex.cleveland@pfizer.com  
www.pfizer.com

Founded in 1849, Pfizer is the world's largest research-based pharmaceutical company taking new approaches to better health. We discover, develop, manufacture and deliver quality, safe and effective prescription medicines to treat and help prevent disease for both people and animals. We also partner with healthcare providers, governments and local communities around the world to expand access to our medicines and provide better quality healthcare and health system support. At Pfizer, nearly 90,000 colleagues in more than 150 countries work every day to help people stay happier and healthier longer and to reduce the human and economic burden of disease worldwide.

## Company descriptions and contact details

<b>Pulse Lavage Ltd</b>	<b>Y-4</b>	<b>Samo S.p.A.</b>	<b>100</b>
P.O. Box 16142 2086 Nicosia, Cyprus Tel. 00357 24427 117, Fax pulselavage@pulselavage.com www.pulselavage.com		Via G. Matteotti, 37 40057 Cadriano, Granarolo Emilia (BO), Italy Tel. 0039 051763811, Fax 0039 051766060 info@samobiomedica.com www.samobiomedica.com	

Our Pulse Lavage System produces up to 85% less waste compared to a total disposable system.

<b>Richard Wolf GmbH</b>	<b>159</b>
Pforzheimer Str. 32 75438 Knittlingen, Germany Tel. 0049 7043350, Fax 0049 704335300 info@richard-wolf.com www.richard-wolf.com	

Endoscopes from Richard Wolf GmbH - for the latest operating techniques! Modern surgery makes more and more use of the advantages of endoscopy. Operations, once using conventional surgical methods, today can be performed with the help of monitor-controlled video endoscopy. The smallest possible parts of entry cause the minimum of scars, thus combining medical and cosmetic benefits. Short stays in hospital make a fundamental contributions towards lowering the costs in health care. R. Wolf is one of the world's leading manufacturers of medical instruments and electronic equipment making the new endoscopic operating techniques possible.

<b>Rottapharm   Madaus</b>	<b>147</b>
Via Valosa di Sopra, 9 20052 Monza, Italy Tel. 0039 03973901, Fax 0039 0397390372 info@rottapharm.com www.rottapharm.com	

Rottapharm|Madaus is leader in the field of rheumatic diseases, with successful products and brands such as the original Glucosamine Sulfate (in Spain Xicil) EU prescription product that paved the way for several nutraceutical glucosamines and allowed the company to gain yet unsurpassed clinical expertise in the development of DMOAD, Reparil (aescin - analgesic, antiphlogistic), Go On (hyaluronic acid, visco-supplementation for sinovial joints in osteoarthritis) and Gli-zolan (diacerein - for the symptomatic treatment of arthrosis, with antiinflammatory and antirheumatic activity). New developments in the same area will further strengthen the company's relationship with orthopaedists and rheumatologists over the next few years.

Based in Bologna, Italy, SAMO is a 70 years-old manufacturer and worldwide seller of joint reconstruction implants and internal fixation products. In its long history, SAMO never made any compromise in quality and technology. Today more than ever, our experience, passion and strong collaboration with top Academic Research Laboratories allow us to create biomechanical products with cutting-edge technology, to enhance patients' health and surgeons' satisfaction.

<b>Sanatmetal</b>	<b>131</b>
Faiskola, 5 3300 Eger, Hungary Tel. 0036 36512900, Fax 0036 36512932 metal@sanatmetal.hu www.sanatmetal.hu	

Sanatmetal is an FDA and CE-marked manufacturer of orthopaedic and traumatology implants and instruments. The 15.000 kinds of products include intramedullary nailing systems, flexible spinal systems, hip and knee prosthesis, locking plates and screws.

<b>Sanofi-aventis</b>	<b>91</b>
Av France, 174 75013 Paris, France Tel. 0033 153774241, Fax 0033 1539994371 ?@sanofi-aventis.com http://en.sanofi-aventis.com/contact/contact.asp www.sanofi-aventis.com	

Sanofi-aventis is a diversified global healthcare company, focused on patients' needs. The leading pharmaceutical company in Europe and in emerging markets, sanofi-aventis is the fourth largest worldwide (source IMS 2008). Because health matters.

## Company descriptions and contact details

### Sawbones Europe AB

Krossverksgatan, 3  
21616 Malmoe , Sweden  
Tel. 0046 (0)406507000, Fax 0046 (0)406507001  
info@sawbones.se  
www.sawbones.com

Sawbones, the originators of "hands-on" workshop models, continues to be the leader in medical models for orthopaedic and medical education. We specialise in customizing products that will allow you to demonstrate and train using your implants or instruments. Sawbones is dedicated to complete customer satisfaction. A full staff of technical, sales, and engineering personnel are available to assist every customer in making the correct product purchase and development decisions.

### SBM s.a.s

ZI du Monge  
65100 Lourdes, France  
Tel. 0033 562423212, Fax 0033 562423252  
florence.vallat@sbm-fr.com  
www.s-b-m.fr

SBM (Science for Bio Materials) is an innovative leading French company specialized in the design, manufacturing and marketing of synthetic and resorbable bone substitutes for promoting bone healing in orthopaedics, trauma, spine and dental surgeries. With our wide range of implants we offer cutting edge solutions for bone void filling (Biosorb), High Tibial Osteotomy (wedges and plates, Otis®) ACL repair (screws and cross pins, Ligafix®, Translig®), cervical spine arthrodesis (Tecma®, Duocage®)... Our complete systems include own designed osteosynthesis and instrumentations. We are expanding our expertise worldwide always striving to meet increasing demands of the medical community.

### Schmitz

Pollensa, 2  
28290 Madrid, Spain  
Tel. 0034 916404514, Fax 0034 916366305  
schmitz@schmitz.es  
www.schmitz.es

SCHMITZ is one of the leading manufacturers of medical equipment. The company was founded in 1930 and is still family-owned. All products are made in Germany. The product range includes operating tables, transport stretchers, medical trolleys, delivery beds and examination chairs for gynaecology, urology and proctology. Schmitz products are not only functional but have been awarded with several

85 design awards. For more information please visit our internet site [www.schmitz.es](http://www.schmitz.es) anytime.

This year we are presenting our new series of operation tables call Diamond, which is characterized by its great stability and firmness and sustains both traction and pressure forces during orthopaedic surgeries. It is suitable for surgeries of heavy weight patients up to a safe workload of 360 kg.

### SECOT

Fernández de los Ríos, 108  
28015 Madrid, Spain  
Tel. 0034 915441062, Fax 0034 914550475  
secot@secot.es  
www.secot.es

The Spanish Society of Orthopedics and Traumatology (SECOT) is a scientific medical association that promotes the advancement of scientific knowledge and the central role of the orthopedic surgeon with the aim to promote, create and communicate knowledge of the musculoskeletal system to ensure mobility, health and quality of life of patients. Formed on 15 September 1947, the SECOT covers all orthopedic surgeons who require continued training, an update of knowledge, dissemination of their experiences and meet other professionals involved in the study of musculo-skeletal system.

### Sectra

Teknikringen, 20  
583 30 Linköping, Sweden  
Tel. 0046 13235233, Fax 0046 13212185  
ulrika.vach@sectra.se  
www.sectra.com

Sectra provides industry-leading RIS/PACS, mammography and orthopedic solutions. We are committed to transforming your needs into efficient medical imaging solutions. With more than 20 years of leading innovation, Sectra maintains its position at the forefront of medical IT development thanks to close cooperation with top research centers and more than 1,000 customers. This is how we provide the solutions you need, today and tomorrow.

## Company descriptions and contact details

### Serf-Dedienne Sante

59

Charles Nungesser, 217  
34130 Manguio, France  
Tel. 0033 (0)467998111, Fax 0033 (0)467998110  
commercial@dedienne-sante.com  
www.serf-dediennesante.com

Based in France, SERF-DEDIENNE SANTE is looking for distributors worldwide. We have expertise as manufacturer of hip and knee surgical prostheses for use in orthopaedics and of dental implants. We offer solutions by providing high quality products and services including technical trainings in operating theatres and marketing support. We ensure our customers' expectations are met through the provision of first class after sale service. We are ISO 13485, ISO 9001, EC, SGS and G-MED certified.

### Sewon Cellontech CO., LTD (RMS)

115

273-15 Seongsu 2-ga 3-dong, 801 Wooyoung Techno Center  
133-831 Seongdong-gu, Seoul, Korea  
Tel. 0082 24603128, Fax 0082 24609725  
contact@swcell.com  
www.RMSbio.net

Sewon Cellontech is a bio-engineering company, dedicating to developing and providing innovative bio-medical solutions based on cellular and tissue engineering and BioCollagen technologies. The company's 'Regenerative Medical System' is designed to enable hospitals or laboratories to fully effectuate production of cell therapy products under the most advanced and stable system from tissue harvest and cell processing to implantation and rehabilitation. RMS is a total solution of regenerative medicine comprising Cell Processing Center of modularized facility and essential equipment, CE marked RM Kits of consumables, and optimal operating program including technology of human cell treatment in cartilage, bone, fat, skin and UCB therapy.

### Shanghai Bojin Electric Device & Instrument Co., Ltd

Y-3

Jiangchang 1 Road 18  
200436 Shanghai, China  
Tel. 0086 21 66527103, Fax 0086 21 66525581  
Bojinwanghui@gmail.com  
www.shbjyl.com

Shanghai Bojin electric device & instrument Co.,ltd manufacture and sale Surgical power tools and handheld X Ray machine with good price and quality.

### SICOT - International Society of Orthopaedic Surgery and Traumatology

31

Rue Washington 40  
1050 Brussels, Belgium  
Tel. 0032 26486823, Fax 0032 26498601  
hq@sicot.org  
www.sicot.org

SICOT is an international non-profit association with the aim to advance the science and art of orthopaedics and traumatology at an international level and to foster and develop teaching, research and education. SICOT was founded in 1929 and is one of the greatest global societies of orthopaedic surgeons, allied professionals and scientists, with some 2,000 members from more than 115 countries around the world. Its Seventh Annual International Conference will be held from 31 August to 3 September 2010 in Gothenburg, Sweden, and will be a combined meeting with the Swedish Orthopaedic Association (SOF). Its Triennial World Congress will take place next year in Prague, Czech Republic, from 6 to 9 September 2011. In 2012 and 2014, SICOT will hold its meetings in Dubai (United Arab Emirates) and Rio de Janeiro (Brazil), respectively.

For more information about the Society and its meetings, please visit the SICOT website: [www.sicot.org](http://www.sicot.org)

### SLACK Incorporated

63

6900, Grove Road  
08086 Thorofare NJ, USA  
Tel. 001 8568481000, Fax 001 8568486091  
www.slackinc.com

SLACK Incorporated invites you to Booth # 63. Get your complimentary issue of ORTHOPAEDICS TODAY EUROPE –the official newspaper of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT). Newly redesigned, ORTHOPAEDICS TODAY EUROPE offers readers a time-saving format with new physician-written perspective at the close of articles, providing readers an interpretation of how data may affect clinical practice. Stay informed with timely news and meeting coverage of the latest research and techniques in orthopaedic surgery. Sign-up for our news wire at [ORTHOSuperSite.com](http://ORTHOSuperSite.com)

## Company descriptions and contact details

### SLAOT Federacion

X-11

Calle 134, No.7B-83 Of 201  
010 Bogota, Colombia  
Tel. 00571 6257445, Fax 00571 6257417  
dir.ejecutivo@slaot.org  
www.slaot.org

Scientific Federation that represents the 21 national societies of orthopaedics and traumatology of Latinamerica, The SLAOT Federation has a training centre in minimally invasive surgery CLEMI (www.clemi.edu.co) based in Colombia, in this center receive training in the 10 supraspecialties of orthopaedics and traumatology and 15 medical specialties of the 21 countries of Latinamerica.

### Smith & Nephew Orthopaedics AG

98

Oberneuhofstrasse, 10d  
6340 Baar, Switzerland  
Tel. 0041 417662222, Fax 0041 417662296  
eu-events@smith-nephew.com  
www.smith-nephew.com

Smith & Nephew Orthopaedics repairs and heals the human body by providing leading-edge joint replacement systems for knees, hips & shoulders; trauma products to help repair broken bones; medical devices to help alleviate pain in joints and promote healing. Visit www.smith-nephew.com for more info.

### Springer

24-37

Tiergartenstrasse, 17  
69121 Heidelberg, Germany  
Tel. 0049 (0)62214870  
www.springer.com

Springer is a leading publisher of orthopaedic journals and books. EFORT and Springer have joined together for an exclusive collaboration which will mean premium quality and major service for all EFORT members. We are pleased to inform you that the first issue of the new EFORT Society Journal 'European Orthopaedics and Traumatology' has now been published. Stop by our booth to browse the broad selection of journals and practical guidebooks in orthopaedic surgery.

### Stanmore Implants

154

Centennial Park, 210 Centennial Avenue  
WD63SJ Elstree, United Kingdom  
Tel. 0044 20 89541402, Fax 0044 2089537443  
fabienne.briant@stanmoreimplants.com  
www.stanmoreimplants.com

Design and manufacturing of prosthetic solutions for orthopaedic oncology and complex reconstructions: custom made implants, growing prostheses and modular reconstruction systems.

### Stryker SA

117

Cité-Centre, Grand Rue, 90  
1820 Montreux, Switzerland  
Tel. 0041 219661201, Fax 0041 219661200  
www.strykereurope.com

Stryker Corporation is one of the world's leading medical technology companies with the most broadly based range of products in orthopaedics and a significant presence in other medical specialties. Stryker works with respected medical professionals to help people lead more active and more satisfying lives. The Company's products include implants used in joint replacement, trauma, craniomaxillo-facial and spinal surgeries; biologics; surgical, neurologic, ear, nose & throat and interventional pain equipment; endoscopic, surgical navigation, communications and digital imaging systems; as well as patient handling and emergency medical equipment.

### Surgival

120

Parque Tecnológico c/Leonardo da Vinci, 12-14  
46980 Valencia, Spain  
Tel. 0034 961318050, Fax 0034 961318095  
mara@surgival.com  
www.surgival.com

SURGIVAL (COSÍAS GROUP) are a group of three companies specialized in the manufacturing, comercialization and distribution of implants for traumatology , prostheses for orthopaedic surgery and surgical instrumentations:

- SHERPA SPINAL SYSTEM
- GENUTECH KNEE
- HIP SYSTEM (KAREY, KHA, KR, SHINE, SHY, HIC...)
- TROCHANTERIC NAILS LNS-GT
- TRAUMA (SCREWS, PLATES, STAPPLES, WIRES...)
- BONE CEMENT, PLUGS, BONE SUBSTITUTES

## Company descriptions and contact details

### SYMBIOS Orthopédie SA

128

Avenue des Sciences, 1  
1400 Yverdon-Les-Bains, Switzerland  
Tel. 0041 244242626, Fax 0041 244242627  
fple@symbios.ch  
www.symbios.ch

SYMBIOS designs, manufactures and markets hip and knee implants.

### Synimed

15

Zone Artisanale de l'Angle  
19370 Chamberet, France  
Tel. 0033 555983138, Fax 0033 555983576  
gguitelman@synimed.com  
www.synimed.com

Synimed is an integrated manufacturer of products for the orthopaedic industry.

Our BIOMATERIALS division manufactures:

- Acrylic Bone Cements
- Vertebroplasty Cement
- Cranioplasty Cement
- Vertebroplasty application systems
- Mixing and delivery systems for bone cements
- Antibiotic loaded Temporary Spacer (hip and knee).

Our SPINE division manufactures:

- Transpedicular Screws
- Intersomatic Fusion Cages
- Interspinous Devices
- Cervical Plates

### Synthes GmbH

87-88-89-90

Eimattstrasse, 3  
4436 Oberdorf, Switzerland  
Tel. 0041 619656111, Fax 0041 619656607  
eichbaum.christiane@synthes.com  
www.synthes.com

Synthes is a leading global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the human skeleton and its soft tissues. Our goal is to provide the safest and most advanced products and technologies that ensure reliable operating procedures, rapid recovery and a pain-free life after surgery. We avouch for high quality, constant innovation and consistent customer orientation.

### Tava Surgical

155

One Brasseler Blvd  
31419 Savannah GA, USA  
Tel. 001 9129258525, Fax 001 9129217568  
suedenitto@brasselerusa.com  
www.brasselerusa.com

Brasseler USA is a leader in the development of surgical power equipment and accessories. Our vertically integrated approach to standardization provides customers with the best quality at the best price.

### Tecres S.p.A.

113-A

Via A. Doria, 6  
37066 Sommacampagna (VR), Italy  
Tel. 0039 0459217311, Fax 0039 0459217330  
info@tecres.it  
www.tecres.it

Tecres is an Italian company with more than 25 years of experience as manufacturer of bone cements for orthopaedics. CEMEX bone cements are successfully sold world-wide due to their high quality performances. Tecres has developed and markets also a complete range of pre-formed Spacers, the unique temporary antibiotics-loaded prosthesis for hip, knee, shoulder two-stage septic revision. In addition it is on the market also with products for cranioplasty, vertebroplasty and screw augmentation. Now Tecres is proud to present a new line of products that has been recently approved in Europe: the Gentamicin-Vancomycin bone cement and spacers.

### TiGenix

106

Romeinse Straat, 12 bus 2  
3001 Leuven, Belgium  
Tel. 0032 16396060, Fax 0032 16396070  
info@tigenix.com  
www.tigenix.com

TiGenix NV is a biomedical company that focuses on 'Regenerating Motion'. The company is exploiting the power of Regenerative Medicine to develop durable treatments, validated through controlled clinical trials, for damaged and osteoarthritic joints. TiGenix is developing a portfolio of products that address specific musculoskeletal problems. The lead indication among these is cartilage damage. ChondroCelect®, the company's lead product for cartilage regeneration in the knee, is the first cell-based product that successfully completed the entire development track from research, over clinical development to central European registration as a medicinal product. Chon-

## Company descriptions and contact details

droCelect® received European marketing authorisation as the first approved Advanced Therapy Medicinal Product.

### Tomato M&C CO,LTD.

11

#301 Dukkyung Bld., 549-18 Sillim-dong, Kwanak-gu, 10  
151-015 Seoul, Republic of Korea  
Tel. 0082 28669940, Fax 0082 28669942  
tomatomnc@live.co.kr  
www.tomatomnc.com

Since established 2005, now we became one of the leading Cast & Splint manufacturers in Korea. We have been certified KGMP & CE. Year by year, we obtains a good reputation not only in domestic market but also in global market. This is because of our "Quality First" policy and continuously striving for highest standards.

### Tornier

104

Rue Lavoisier, 161  
38330 Montbonnot, France  
Tel. 0033 476613500, Fax 0033 476613533  
communication.tornier.europe@tornier.fr  
www.tornier.com

For more than 60 years, Tornier has been designing, manufacturing and marketing joint prostheses. Tornier has been among the pioneers in the European orthopedics industry and now has a firmly established network of subsidiaries and distributors in over 25 countries across the world. The strength of this international recognition is its full and reliable range of products covering all joints: Shoulder, Knee, Hip, Elbow, Hand & Wrist and Foot & Ankle, Tornier's success is built on close collaboration with scientific teams of international specialists, visionaries and leaders in their respective fields.

### Traiber, S.L.

X-8-9

c/ Joan Oliver, 13-15-17  
P.I. Agro-Reus  
43206 Reus, Spain  
Tel. 0034 977319511, Fax 0034 977315711  
traiber@traiber.es  
www.traiber.com

TRAIBER is a European company based in Spain devoted to the design through R+D+I, manufacturing and commercialization of orthopaedic surgery products:

- APSIS Total Hip Arthroplasty
- EXCEL Total Knee Arthroplasty
- VERCOL Spinal Fixation System

And other Traumatology products such as:

- Ultra mini Hand Fixator
- External Fixators for long bones
- And a full range of Osteosynthesis.

Leaders in Spain, we provide high quality products and services worldwide.

### TSF – Transplant Services Foundation

32

Villaroel, 170  
08036 Barcelona, Spain  
Tel. 0034 932279190, Fax 0034 932275635  
cgarcia5@clinic.ub.es / esobrevi@clinic.ub.es  
www.tsf.cat

Transplant Services Foundation is a non profit organization, founded by the Hospital Clínic of Barcelona, Spain. Listed in the "Registre de Fundacions de la Generalitat de Catalunya" as charitable care foundation with a scientific end. Located in Barcelona TSF is dedicated to obtain, preserve and distribute tissues ( frozen and freeze dried musculoskeletal tissue, cardiovascular, skin and eye tissues ) following the legislation and guideline rules, normative regulations which regulates all activities related to the use of human tissue. TSF follow criteria of quality, transparency, legality, efficacy and efficiency making it possible to fulfil our foundation mission "To return enhanced in value what the society has given offering the possibility of transplantation.

### Tutogen Medical GmbH

127

Industriestrasse, 6  
91077 Neunkirchen am Brand, Germany  
Tel. 0049 0913499880, Fax 0049 091349988519  
info@tutogen.de  
www.tutogen.de

Tutogen Medical GmbH develops, manufactures, and markets Tutoplast® processed allogenic and xenogenic connective and osseous tissue for soft tissue and bone repair and augmentation. Tutoplast® is a unique sequence of processing steps developed by Tutogen to preserve and sterilize tissue for implantation, while preserving the biomechanical and structural integrity of the graft. Tutoplast® processed grafts are approved or regulated under European Directives (allografts) or as medical devices (xenografts) in most countries.

## Company descriptions and contact details

### U&I Corporation

43-52

Yonghyun-dong 529-1  
480-050 Uijungbu Kyunggi-do, Republic of Korea  
Tel. 0082 318520102 (ext.713), Fax 0082 318529025  
kskim@youic.com  
www.youic.com

"U first and I second" This is the motor of U&I corporation. U&I is the first Asia-based orthopedic implant /instrument developer and manufacturer based in Korea. We are sure that you will find the quality products such as Percutaneous Lumbar Discectomy kits which is used in the treatment of radicular and discogenic pain with MIS technology as well as newly updated orthopedic products. Pls. feel free to visit our booth 43,52 and get more information.

### Uber Ros S.p.A.

146

Via della Produzione, 7  
00030 San Cesario - Roma, Italy  
Tel. 0039 0695596958, Fax 0039 069587852  
info@uberros.com  
www.uberros.com

UBER ROS is engaged in different medicine fields, in particular in the orthopaedic, neurosurgery, trauma, otologic and maxillo facial. UBER ROS works on all the national territory with a sale structure in which direct employees, regional concessionary and agents take part. The mission of the UBER ROS is to supply the best support to the medical structure with an assiduous search, in the international markets, of products, highly specialistic arrangements and systems coming only from manufacturing companies with great experience and prestige, so they can find their own positioning in the Italian market in the medical, hospital and clinician world. UBER ROS: integrity, strength, passion, a big facility in a constant growing.

### Van Straten Medical

21

Edisonbaan, 20  
3439 MN Nieuwegein, The Netherlands  
Tel. 0031 306023830, Fax 0031 306023856  
nielsvanstraten@vanstratenmedical.com  
www.vanstratenmedical.com

Van Straten Medical is a Dutch family owned company. The company has been active in healthcare since 1975.

The Export division concentrates on 3 major product lines:

1. Medinorm® wound drainage systems; all devices are pre-evacuated and available in both high and low vacuum drainage.

2. DONOR™ reinfusion system for patient's own blood; an exceptional autologous blood reinfusion system for use after orthopaedic surgery.
3. CCI Evolution™ total ankle replacement; a unique design with a simple, but adequate set of instruments.

The CCI Evolution™ is gaining vast popularity in the ankle arthroplasty segment. Contact: export@vanstratenmedical.com

### Waldemar LINK GmbH & Co. KG

112-A

Barkhausenweg, 10  
22339 Hamburg, Germany  
Tel. 0049 40539950, Fax 0049 405386926  
info@linkhh.de  
www.linkhh.de

LINK: More than 60 years in endoprosthetics with innovative designs such as the anatomical LINK® Lubinus SPII® Hip Prosthesis (spectacular results reported by the Swedish Hip Registry), the LINK® Endo-Model® Rotational Knee Prosthesis and the femoral-neck-preserving LINK® C.F.P.® Hip Stem. Early on, LINK pioneered new developments in revision and tumor surgery. The current LINK product range includes a wide range of highly sophisticated endoprostheses for all major joints, trauma implants and instruments for hand, spinal and shoulder surgery. Modern production facilities, high safety standards and the ongoing quest for new developments underpin the quality of LINK product quality.

### Warner Chilcott

136-142

WTC Almeda Park, ED.1 pl.2  
08940 Cornella, Spain  
Tel. 0034 933962700, Fax 0034 933962800  
www.wcrx.com

Procter & Gamble Pharmaceuticals is now called Warner Chilcott. Over the years, we have defined a new way of seeing and understanding the treatment of osteoporosis and pain. We believe in research to transform the future. Warner Chilcott will be moving in, researching and developing new therapeutic solutions with all the boost needed to help increasing numbers of patients. Starting today, Warner Chilcott want to be for you an international benchmark for health care.

## Company descriptions and contact details

### Wisepress

High Path, 25  
SW19 2JL London, United Kingdom  
Tel. 0044 (0) 2087151812, Fax 0044 (0)2087151722  
bookshop@wisepress.com  
www.wisepress.com

Wisepress.com, Europe's leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you – Wisepress will deliver worldwide. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers, some up to 40% off the publisher list prices.

### Wonderful Copenhagen

Gl. Kongevej 1  
1610 Copenhagen V, Denmark  
Tel. 0045 3325 7400, Fax 0045 3325 7410  
woco@woco.dk; mfo@woco.dk  
www.visitcopenhagen.com

Wonderful Copenhagen is the official convention, event and visitors bureau of the Greater Copenhagen area. Wonderful Copenhagen was established in 1992 and has its roots back in 1887 when Copenhagen's first tourist organisation was founded. Today, Wonderful Copenhagen deals with all aspects of Copenhagen as a tourist and travel destination such as marketing, promotion, product development, public events, strategic planning, information, PR, brochures, statistics, analyses etc. Wonderful Copenhagen is also responsible for the VisitCopenhagen website and the tourist information office Copenhagen Right Now.

### Wright Medical Technology EMEA

Krijgsman, 11  
1186 DM Amstelveen, The Netherlands  
Tel. 0031 205450162, Fax 0031 205450109  
lwilliams@wmt-emea.com  
www.wmt.com

Wright Medical Technology is a global orthopaedic medical device company specializing in the design, manufacture and marketing of reconstructive joint devices and biologics. Our product offerings include large joint implants for both hip and knee; extremity implants for the hand, elbow, shoulder, foot and ankle; and both synthetic and tissue-based bone graft substitute materials. Wright has been in business for over 50 years and has approximately 1200 employees in 60 countries. We are publicly traded on the Nasdaq Global Select Mar-

ket under the symbol 'WMGI'. The spirit of invention and passion to 'create motion' leads Wright to continually innovate.

### Zambon

Pol.Can Bernades-Subirà C/ Maresme, 5  
08130 Santa Perpetua de Mogoda, Barcelona, Spain  
Tel. 0034 935446400, Fax 0034 935740436  
gala.planas@zambongroup.com  
www.zambon.es

Zambon Group is an international pharmaceutical company, innovative and leader in health and everyday wellbeing. Zambon has more than 100 years of experience in products, services and solutions dedicated to breath well and live well. We are a team of 2500 people in 3 continents: Europe, America and Asia, with Headquarters in Milan (Italy). Zambon Spain began its activity in 1960, and we are celebrating this year our 50th anniversary. During these time, we have become one of the leader companies in sales in Spain, with well known brands such as Espidifen, Flumil, Fluimucil, Monurolo o Flutox, among others. Curiosity, talent and team work are the values that help us work everyday.

### Zaraclinic, S.L.

Florian Rey, 12  
50002 Zaragoza, Spain  
Tel. 0034 976292448, Fax 0034 976292215  
zaraclin@zaraclinic.com  
www.zaraclinic.com

Medical devices and disposable material distributor. Representative in Spain of Orthogen Lab Services for the Orthokine therapy.

### Zimmer GmbH

Sulzerallee, 8  
8404 Winterthur, Switzerland  
Tel. 0041 522627241  
sabine.ciccosto@zimmer.com  
www.zimmer.com

Founded in 1927 and headquartered in Warsaw, Indiana, Zimmer designs, develops, manufactures and markets orthopaedic reconstructive, spinal and trauma devices, dental implants, and related surgical products. Zimmer has operations in more than 25 countries around the world and sells products in more than 100 countries. Zimmer's 2008 sales were approximately \$4.1 billion. The Company is supported by the efforts of approximately 8,500 employees worldwide.

## NATIONAL MEMBER SOCIETIES

Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Austria	ÖGO	Austrian Society of Orthopaedics and Orthopaedical Surgery - Österreichische Gesellschaft für Orthopädie und Orthopädische Chirurgie
Belgium	BVOT	Belgian Association of Orthopaedics and Traumatology - Belgische Vereniging voor Orthopedie en Traumatologie
Belgium	SORBCOT	Belgian Royal Society of Orthopaedic Surgery and Traumatology - Société Royale Belge de Chirurgie Orthopédique et de Traumatologie
Bosnia and Herzegovina	OTSABH	Orthopaedic and Traumatology Surgeons Association of Bosnia and Herzegovina
Bulgaria	BOTA	Bulgarian Orthopaedics and Trauma Association
Croatia	COTA/HUOT	Croatian Orthopaedic and Traumatology Association - Hrvatsko Udruzenje Ortopeda i Traumatologa
Cyprus	CAOST	Cyprus Association of Orthopaedic Surgery and Traumatology
Czech Republic	CSOT	Czech Society for Orthopaedics and Traumatology
Denmark	DOS	Danish Orthopaedic Society - Dansk Ortopedisk Selskab
Estonia	ETOS	Estonian Orthopaedic Society - Eesti Traumatoloogide-Ortopeedide Selts
Finland	SOY-FOA	Finnish Orthopaedic Association - Suomen Ortopediyhdistys
France	SOFCOT	French Society of Orthopaedic Surgery and Traumatology - Société Française de Chirurgie Orthopédique et Traumatologique
Germany	BVOU	Professional Association of Orthopaedic Surgeons - Berufsverband der Fachärzte für Orthopädie und Unfallchirurgie e. V.
Germany	DGOOC	German Association of Orthopaedics and Orthopaedic Surgery - Deutsche Gesellschaft für Orthopädie und Orthopädische Chirurgie e. V.
Greece	HAOST	Hellenic Association of Orthopaedic Surgery & Traumatology
Hungary	MOT/HOA	Hungarian Orthopaedic Association - Magyar Ortopéd Társaság
Iceland	IBF	Icelandic Orthopaedic Society - Íslenskra Bæklunarlæknafélagio
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Italian Society of Orthopaedics and Traumatology - Società Italiana di Ortopedia e Traumatologia
Latvia	LTOA	Latvian Association of Traumatology and Orthopaedics - Latvijas Traumatologu un Ortopedu Asociacija
Lithuania	LSOT/LOTD	Lithuanian Society of Orthopaedics and Traumatology - Lietuvos Ortopedu Traumatologu Draugija
Luxembourg	SLOT	Luxembourgian Society of Orthopaedics and Traumatology - Société Luxembourgeoise d'Orthopédie et de Traumatologie
Malta	AOTSM	Association of Orthopaedic & Trauma Surgeons of Malta
Netherlands	NOV	Dutch Orthopaedic Association - Nederlandse Orthopaedische Vereniging
Norway	NOF	Norwegian Orthopaedic Association - Norsk Ortopedisk Forening
Poland	PTOITR	Polish Orthopaedic and Traumatologic Society - Polskiego Towarzystwa Ortopedycznego i Traumatologicznego
Portugal	SPOT	Portuguese Society of Orthopaedics and Traumatology - Sociedade Portuguesa de Ortopedia e Traumatologia
Former Yugoslav Republic of Macedonia (FYROM)	MAOT	Macedonian Association of Orthopaedics and Traumatology
Romania	SOROT	Romanian Society of Orthopaedics and Traumatology - Societatea Romane de Ortopedie Si Traumatologie
Russian Federation	AOTRF	Association of Orthopaedists and Traumatologists of the Russian Federation

## NATIONAL MEMBER SOCIETIES

Serbia	SOTA	Serbian Orthopaedic Trauma Association
Slovakia	SOTS	Slovak Orthopaedic and Traumatologic Society - Slovenská Ortopedická a Traumatologická Spoločnosť
Slovenia	SOA/ZOSZD	Slovenian Orthopaedic Association - ZdružEnje Ortopedov Slovenskega Zdravniškega Društva
Spain	SECOT	Spanish Orthopaedic and Traumatology Society - Sociedad Española de Cirugía Ortopédica Y Traumatológica
Sweden	SOF	Swedish Orthopaedic Association - Svensk Ortopedisk Förening
Switzerland	SGOT-SSOT	Swiss Society of Orthopaedic Surgery and Traumatology - Schweizerische Gesellschaft für Orthopädie und Traumatologie - Société Suisse D'Orthopédie et de Traumatologie
Turkey	TSOT/TOTBID	Turkish Society of Orthopaedics and Traumatology - Türk Ortopedi Ve Travmatoloji Birliği Derneği
Ukraine	UAOST	Ukrainian Association of Orthopaedic Surgeons & Traumatologists
United Kingdom	BOA	British Orthopaedic Association

## SPECIALTY SOCIETIES AND AFFILIATED ORGANISATIONS COLLABORATING IN MADRID

AGA	Deutschsprachige Arbeitsgemeinschaft für Arthroskopie
AOT	AOTrauma
ARTOF	Association for the Rational Treatment of Fractures
EFAS	European Foot and Ankle Society
EFOST	European Federation of National Associations of Orthopaedic Sports Traumatology
EHS	European Hip Society
EORS	European Orthopaedic Research Society
EPOS	European Paediatric Orthopaedic Society
ESPA	European Society of Pelvis And Acetabulum
ESSKA	European Society of Sports Traumatology, Knee Surgery and Arthroscopy
ESTES	European Society for Trauma and Emergency Surgery
EULAR	European League Against Rheumatism
EWMA	European Wound Management Association
FESSH	Federation of European Societies for Surgery of the Hand
FORTE	Federation of Orthopaedic Trainees in Europe
ICON	International Collaboration of Orthopaedic Nursing
ICRS	International Cartilage Repair Society
ISLASS	International Society of Laser and Percutaneous Procedures in Spinal Surgery
JBJS	Journal of Bone and Joint Surgery

## EFORT EXECUTIVE COMMITTEE

President	Prof. Dr. Miklós Szendrői
Vice President	Prof. Dr. Pierre Hoffmeyer
Secretary General	Dr. Manuel Cassiano Neves
Immediate Past President	Prof. Dr. Karl-Göran Thorngren
Treasurer	Mr. Stephen R. Cannon
Member at Large	Prof. Dr. Enrique Cáceres Palou
Member at Large	Prof. Dr. Maurilio Marcacci
Member at Large	Prof. Dr. Philippe Neyret

## CO-OPTED MEMBERS

Mr. John Albert  
 Prof. Dr. Thierry Bégué  
 Prof. Dr. George Bentley, Past President  
 Prof. Dr. Nikolaus Böhler, Past President  
 Prof. Dr. Karsten Dreinhöfer  
 Prof. Dr. Klaus-Peter Günther  
 Prof. Dr. Norbert Haas  
 Ass. Prof. Dr. Per Kjaersgaard-Andersen  
 Prof. Dr. Karl Knahr  
 Prof. Dr. Wolfhart Puhl, Past President  
 Prof. Dr. Hakki Sur  
 Prof. Dr. Dieter C. Wirtz

## STANDING COMMITTEES

EAR Committee	Prof. Dr. Nikolaus Böhler, Dr. Gerold Labek
Education Committee	Prof. Dr. Maurilio Marcacci
EA & L Committee	Prof. Dr. Wolfhart Puhl
Finance Committee	Mr. Stephen R. Cannon
Health Service Research Committee	Prof. Dr. Karsten Dreinhöfer
Portal Steering Committee	Prof. Dr. Klaus-Peter Günther
Publishing Committee	Prof. Dr. George Bentley (Books) Prof. Dr. Klaus-Peter Günther (Portal) Prof. Dr. Wolfhart Puhl (Journal)
Scientific Committee	Prof. Dr. Enrique Cáceres Palou
Specialty Society Standing Committee	Dr. George Macheras, Prof. Dr. Pierre Hoffmeyer

## TASK FORCES AND AD HOC COMMITTEES

Awards & Prizes Committee	Prof. Dr. George Bentley
Fora	Prof. Dr. Thierry Bégué
Travelling & Visiting Fellowships	Prof. Dr. Philippe Neyret
Musculoskeletal Trauma Task Force	Prof. Dr. Norbert Haas

## LOCAL ORGANISING COMMITTEE MADRID 2010

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Chairman	Prof. Dr. Enrique Cáceres Palou
Members	Dr. José Cordero Dr. Francisco Forriol Dr. Enrique Gil Garay Dr. José Antonio Hernández Hermoso

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## SCIENTIFIC COMMITTEE MADRID 2010

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Chairman	Prof. Dr. Enrique Cáceres Palou
Members	Dr. Manuel Cassiano Neves Dr. José Cordero Dr. Francisco Forriol Dr. Enrique Gil Garay Dr. José Antonio Hernández Hermoso Prof. Dr. Pierre Hoffmeyer Ass. Prof. Dr. Per Kjaersgaard-Andersen Prof. Dr. Philippe Kopylov Prof. Dr. Maurilio Marcacci Prof. Dr. Philippe Neyret Dr. Dishan Singh Prof. Dr. Miklós Szendrői Prof. Dr. Wolfhart Puhl

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## CONGRESS ORGANISATION TEAM

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EFORT Central Office  
Technoparkstrasse 1  
8005 Zürich, Switzerland  
Phone: +41 44 448 44 00  
Fax: +41 44 448 44 11  
E-mail: [event@efort.org](mailto:event@efort.org)  
[www.efort.org](http://www.efort.org)

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EFORT Core PCO  
OIC srl  
Viale G. Matteotti, 7  
50121 Florence, Italy  
Phone: +39 (055) 50351  
Fax: +39 (055) 5001912  
E-mail: [congressinfo@efort.org](mailto:congressinfo@efort.org)

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## WHO WE ARE

"EFORT works on behalf of the European orthopaedic and traumatology community to secure mobility, musculoskeletal health and quality of life." This is EFORT's mission statement. It expresses EFORT's function as the umbrella organisation of the European national orthopaedic scientific societies.

EFORT was established by the national associations for orthopaedics and traumatology of 20 European countries. The federation was founded in Marentino, Italy, in 1991 and has now 40 national member societies from 38 member countries and 6 associate scientific members. As regards its legal structure, EFORT was established as a non-profit organisation, all funds are used exclusively in the pursuit of the federation's aim.

## WHAT WE ASPIRE TO AND WHAT WE OFFER

EFORT is in the process of establishing itself as a pan-European partner for international organisations, authorities, universities, the orthopaedic industry, scientific bodies, and professional and patient organisations. As a non-profit professional association, EFORT provides important services and benefits in terms of economics, healthcare policy and social issues.

The major objectives of EFORT include the following:

- Representate state-of-the-art orthopaedic surgery in Europe
- Promote research, science and training in orthopaedics and traumatology in Europe
- Exchange scientific experience and knowledge and improvement of education through training
- Work out EFORT standards and guidelines for the various areas of activity pursued by our members

In pursuit of its aims, EFORT today organises yearly European conferences and instructional courses. It also initiates and supports basic and clinical research. For many years now, EFORT has been arranging travelling and visiting fellowships in which the different national associations alternate to host a group of young orthopaedic surgeons.

It promotes the exchange of experience, knowledge, education and research Europe-wide. In support of this work, a revised EFORT Textbook is in process as well as the EFORT Journal "European Orthopaedics and Traumatology".

## HOW WE WORK

EFORT's legislative body is the General Assembly, which comprises the delegates from the national member associations. The General Assembly suggests and decides upon the federation's policy, issues guidelines and sets objectives. As the federation's highest body, the General Assembly elects the members of the EFORT Executive Committee for a period of two years.

The Executive Committee is responsible for the day-to-day running of the federation and comprises eight members from across Europe. There are also various specialist committees that are structured to provide a democratic platform for discerning common interests from among the specific needs of the individual national associations.

The regular exchange of information and experiences in the Executive Committee ensures that the individual areas are efficiently networked, thus enhancing the operational efficiency of the organisation as a whole. The Central Office, which is based in Zurich, Switzerland, is the communications hub of EFORT and serves as an information pool to ensure the smooth flow of information between the Executive Committee, the different committees, and the national societies. EFORT now also established collaboration with European specialty and international societies.

## CONTACT US

If you have any further questions, please contact the EFORT Central Office. Our staff will be happy to put you in touch with the member of the Executive Committee responsible for the area you are interested in.

EFORT Central Office  
Technoparkstrasse 1  
8005 Zurich, Switzerland  
Phone: +41 44 448 44 00, Fax: +41 44 448 44 11  
E-mail: [office@efort.org](mailto:office@efort.org)  
[www.efort.org](http://www.efort.org)

## EFORT Advanced Training Programme 2010/2011



### TRAUMA - FRACTURES IN THE ELDERLY

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EFORT IC Copenhagen 2010, 17-18 September - Copenhagen, Denmark  
Hands on workshops



### SHOULDER - PROSTHESIS COURSE

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EFORT IC Vienna 2010, 8-9 October - Vienna, Austria  
Cadaver workshops / sawbone workshops / live operations



### FOOT & ANKLE - HALLUX VALGUS + ANKLE ARTHRITIS

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EFORT IC Geneva 2010, 26-27 November - Geneva, Switzerland  
Hands on workshops / five live operations



### KNEE - PATELLO FEMORAL DISORDERS

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EFORT IC Lyon 2011, 11-12 March - Lyon, France  
Hands on workshops / live operations

The project called EFORT Forum, which is an EFORT symposium at a national congress, was started in 2002 at the DGOOC congress in Berlin. The initial idea was to choose one topic for several events, e.g. Thromboprophylaxis, and let European experts discuss it with speakers from various countries to clarify different European criteria and arrive at new standards. The idea was very well accepted, but the problem was to find European speakers ready to deal with the same topic in up to ten different events. On the other hand, we realised that the national expectations from such a symposium are quite different in different countries.

Consequently, we changed our format and decided instead to organise up to ten European Fora each year with four to six speakers. We plan to provide updates on a variety of hot topics in our speciality. National societies are free to choose a topic and propose a two-to-four-hour session during the yearly congress, preferably on the official opening day of the congress or the day after. EFORT Fora should not clash with the main sessions of the congress, and at least half of the speakers should come from national societies and the other half from other European countries. For this reason the Forum language will be English. Whether simultaneous translation is needed must be decided by the congress organisers. In recent years the EFORT Fora have enjoyed a very high scientific level and provided an excellent exchange between national societies and EFORT. The speakers involved in these Fora were always hosted very graciously and treated as honoured guests of the congress. Accordingly, the interest in such a Forum has growing markedly, and for the year 2010 we are happy to announce seven EFORT Fora at European national congresses:

1. EFORT FORUM during SOTS Congress in Bratislava, Slovakia, 27 – 29 January 2010  
Topic: Oncoorthopaedics
2. EFORT FORUM during NOF (Nordic Orthopaedic Federation) Congress in Aarhus, Denmark, 05 – 07 May 2010  
Topic: Joint preserving procedures: Femoro-Acetabular Impingement
3. EFORT FORUM during BOTA International Meeting in Varna, Bulgaria, 13 – 15 May 2010  
Topic: Revision Total Hip Replacement
4. EFORT Forum during PTOiTR Congress in Warsaw, Poland, 15 – 18 September 2010  
Topic: Multiple fractures
5. EFORT FORUM during the Pancyprian Orthopaedic Conference in Nicosia, Cyprus, 01 – 03 October 2010  
Topic: Anterior Knee Pain
6. EFORT Forum during SOFCOT Congress in Paris, France, 08 – 12 November 2010  
Topic: Sports after total replacements
7. EFORT Forum during SIOT Congress in Rome, Italy, 20 – 24 November 2010  
Topic: Up to date mini-invasive treatment options in traumatology

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

## Social programme



You and your accompanying person(s) are cordially invited to attend our social programme



### OFFICIAL OPENING AND WELCOME RECEPTION

Date	Wednesday, 2 June 2010
Time	18.45 – 20.00, followed by a welcome reception
Place	IFEMA Feria de Madrid, Main Auditorium
Programme	Official opening addresses Award presentation Opera Arias by Tenor Carlos Cosias, followed by a welcome cocktail



### MADRID NIGHT

Date	Thursday, 3 June 2010
Time	20.30 – 23.30
Venue	Palacio del Negrалеjo, Carretera de Mejorada del Campo, 6 - Rivas-Vaciamadrid
Programme	Typical Spanish buffet with musical and show entertainment
Dress Code	Informal
Price	EUR 89 (7% VAT included), including transport to and from the city centre and IFEMA South entrance
Admission	Pre-booked tickets are required

### OPTIONAL TOURS

Pre-registration	Participants who have signed up for sightseeing tours should collect their vouchers upon registration.
On site	Please contact the staff at the social programme desk, located at the northern entrance of the IFEMA Convention Centre, for available tours



### OPENING HOURS OF THE REGISTRATION SECRETARIAT

Tuesday, 1 June	from 14.00 to 18.00
Wednesday, 2 June	from 08.00 to 18.30
Thursday, 3 June	from 08.00 to 18.30
Friday, 4 June	from 08.00 to 18.30
Saturday, 5 June	from 08.00 to 15.30

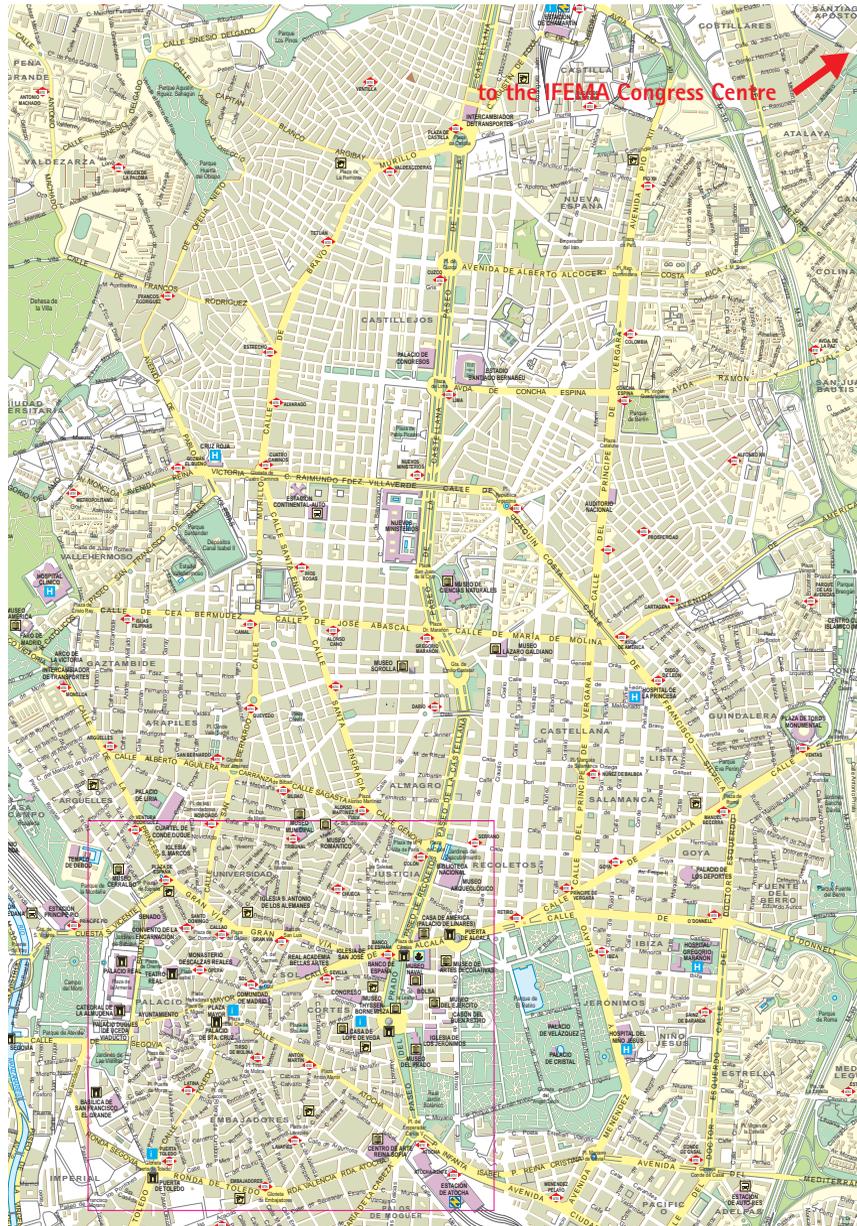
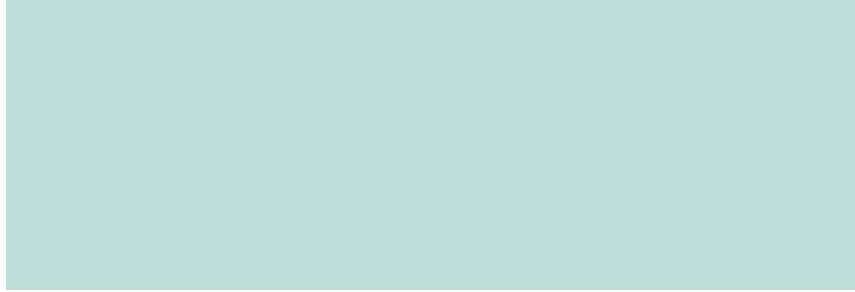
## About the host city



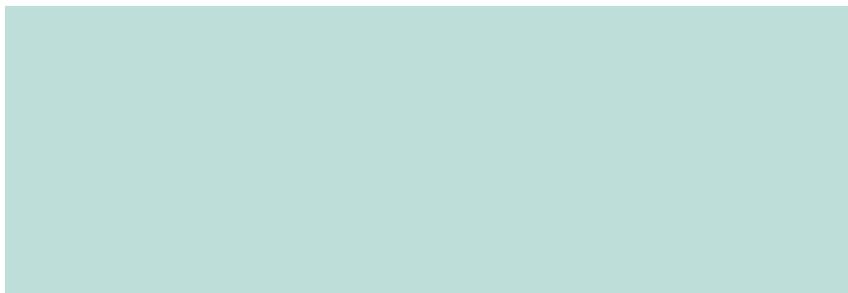
The highest capital in Europe, Madrid is situated almost at the geographical centre of Spain on a high central plain (meseta). It is also at the heart of the Spanish economic, political and communications systems. The city is compact and easy to navigate on foot, with most of the sights of interest found in the downtown area between the Royal Palace and Parque del Retiro.

Art and nightlife are the two main reasons to choose Madrid. The city's art galleries, including the renowned Prado and The Museo Nacional Centro de Arte Reina Sofia (devoted to 20th century Spanish art, with works by Miro, Dali and Picasso), contain a huge number of works of art. Art-lovers, of course, will particularly revel in a holiday in Madrid, but the city has something to offer anyone who enjoys exploring the world's great capitals, from parks to flea markets, from flamenco shows to tiny taverns.

As if this weren't enough, there is also the Plaza de Toros, Spain's largest bullring, where regular bullfights are still held. And sports fanatics can enjoy footballing action from Real Madrid and Atletico de Madrid, Spain's most famous football teams.



# General Congress Information



Congress venue	<p>IFEMA Feria de Madrid North Convention Centre (access from Northern entrance) 28042 Madrid, Spain</p> <p>The Feria de Madrid - IFEMA is only 3km from Barajas international airport. Its privileged position is further enhanced by the modern "Campo de las Naciones" station situated on line 8 of the underground rail system (metro), which links the Parque Ferial Juan Carlos I with both the heart of the city and Barajas airport in record time.</p>																		
Congress secretariat	<p>OIC srl Viale G. Matteotti, 7 50121 Florence, Italy Phone +39 (055) 50351 Fax +39 (055) 5001912 E-mail <a href="mailto:congressinfo@efort.org">congressinfo@efort.org</a></p>																		
Registration desk	<p>Registration desks will be located at the northern entrance of the IFEMA Convention Centre and open at the following times:</p> <table border="0" data-bbox="582 1134 1425 1296"> <tr> <td>Tuesday, 1 June</td> <td>from 14.00 to 18.00</td> </tr> <tr> <td>Wednesday, 2 June</td> <td>from 08.00 to 18.30</td> </tr> <tr> <td>Thursday, 3 June</td> <td>from 08.00 to 18.30</td> </tr> <tr> <td>Friday, 4 June</td> <td>from 08.00 to 18.30</td> </tr> <tr> <td>Saturday, 5 June</td> <td>from 08.00 to 15.30</td> </tr> </table>	Tuesday, 1 June	from 14.00 to 18.00	Wednesday, 2 June	from 08.00 to 18.30	Thursday, 3 June	from 08.00 to 18.30	Friday, 4 June	from 08.00 to 18.30	Saturday, 5 June	from 08.00 to 15.30								
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Saturday, 5 June	from 08.00 to 15.30																		
Registration fees (incl. VAT)	<table border="0" data-bbox="582 1296 1425 1645"> <tr> <td></td> <td>on site registration</td> </tr> <tr> <td>Participants</td> <td>EUR 480</td> </tr> <tr> <td>Residents in training*</td> <td>EUR 340</td> </tr> <tr> <td>Students, nurses and allied care providers*</td> <td>EUR 190</td> </tr> <tr> <td>Registration for nurse session only*</td> <td>EUR 50</td> </tr> <tr> <td>One-day registration</td> <td>EUR 210</td> </tr> <tr> <td>ExMEx sessions</td> <td>EUR 50 each</td> </tr> <tr> <td>The Comprehensive Orthopaedic Review Course (CRC), 4 June 2010</td> <td>EUR 150</td> </tr> <tr> <td>Accompanying Person</td> <td>EUR 170</td> </tr> </table> <p>* Certificate from training director, copy of student card or proof of occupation is required</p>		on site registration	Participants	EUR 480	Residents in training*	EUR 340	Students, nurses and allied care providers*	EUR 190	Registration for nurse session only*	EUR 50	One-day registration	EUR 210	ExMEx sessions	EUR 50 each	The Comprehensive Orthopaedic Review Course (CRC), 4 June 2010	EUR 150	Accompanying Person	EUR 170
	on site registration																		
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One-day registration	EUR 210																		
ExMEx sessions	EUR 50 each																		
The Comprehensive Orthopaedic Review Course (CRC), 4 June 2010	EUR 150																		
Accompanying Person	EUR 170																		

## Registration fee for participants includes (not applicable to CRC)

- Admission to all scientific sessions, industry exhibition, poster area
- Admission to opening ceremony and reception
- European CME credits
- Meeting documentation (incl. IL book)
- Abstract CD
- Certificate of attendance
- Voucher for local transport pass

## Registration fee for participants in the CRC includes

- Admission to the full-day CRC course on 4 June (8.00 – 18.00)
- Admission to the industrial exhibition (on day of CRC course only)
- Lunch box
- European CME credits
- Certificate of attendance

## Registration fee for accompanying persons includes

- Admission to opening ceremony and welcome reception
- A half-day tour on Thursday 3 June (9.00-13.30): Panoramic Madrid and walking tour
- A half-day tour on Friday 4 June (9.00-13.00): Walking tour: 16th Century Madrid (Madrid of the Austrias)
- Voucher for local transport pass

## Registration fee does not include

- Lunches and refreshments
- Social programme
- Optional tours
- Hotel costs

Please note that only fully registered participants will be admitted to the scientific sessions

**Badges** Participants and accompanying persons receive individual name badges when registering at the Congress.

According to our guidelines, these name badges must be worn at all times throughout the Congress and evening functions. No admittance can be granted if the name badge is not clearly visible!

**Bank services** Banks in Madrid open on weekdays between 9.00 and 14.00. On Saturday they open between 8.30 and 13.00. Government offices are usually open between 9.00 and 14.00. You can change cash or travellers cheques in currencies of the developed world without a problem at virtually any bank or bureau de change (usually indicated by the word cambio). There are also many banks in central Madrid, most of which have ATMs. Exchange offices are open for longer hours than banks but generally offer poorer rates. Also, keep a sharp eye open for commissions at bureaux de change.

**Certificate of European CME credits and certificate of attendance** Once a participant has registered at the congress, the certificate of European CME credits will be mailed to his/her indicated e-mail address after the congress. The full attendance of the congress entitles to **24 European CME credits** (ECMEC's). The Certificate will be sent to each participant by PDF file to the registered e-mail address after the congress. If you have not yet registered your e-mail account with us, please contact the "Scientific Programme" desk in the registration hall.

**Climate** At 666.9 meter, Madrid is the highest European capital. Spring and summer are great times to visit the city. June is a sunny month, with very warm temperatures – an average minimum of 15° C and an average maximum of 27° C.

## General Congress Information

Cloakroom and storage	A cloakroom and luggage deposit located at the main entrance will be available during the official Congress time schedule. The congress centre and the organisers are not responsible for any items lost or left behind.
Congress language	The official Congress language is English. During the plenary sessions, English-Spanish simultaneous translation will be provided.
Disabled persons	The congress centre is easily accessible to disabled persons. Kindly address any request for special assistance to the Congress secretariat: OIC srl, Viale Matteotti 7, 50121 Florence, Italy. Fax +39 055 5001912, e-mail congressinfo@efort.org
First aid	A first aid room is available at the congress centre, located between pavilion 7 and 9. Please ask any staff member for help.
Food and refreshments	Lunch and refreshments are not included in the registration fee. You can buy lunch and refreshments in several catering areas within the congress centre.
Industry exhibition	The industry exhibition is open to pharmaceutical companies, manufacturers of medical and surgical equipment, software and scientific publishers. The industry exhibition is located in Pavilion 9 at the North Convention Centre - IFEMA and is open on 2-4 June according to the session time-table.
Insurance	The organisers are not responsible for individual medical, travel or personal insurance. Participants and accompanying persons should arrange their own cover.
Internet connections	Workstations with an internet connection will be available during the Congress opening hours. Participants are kindly requested to limit internet usage to five minutes to allow as many participants as possible to use this service.
Lost and found	For lost and found items, please refer to the cloakroom.
Mobile phones	Mobile phones are strictly prohibited during all scientific sessions.
No smoking policy	Smoking is strictly prohibited during all meetings and sessions, and in the exhibition halls, at all times.
Social programme desk	This desk is located in the registration area at the congress centre. Please refer to the staff at this desk for information about the Congress social programme and optional tours.
Travel desk	A travel desk will operate in the registration area during business hours.
WLAN	Spanish law does not allow for the creation of WIFI networks freely open to the public. Users of WIFI and other telecommunications networks need to be identified on a per user basis with usernames and passwords. Should you wish to access WIFI within the Congress Venue you have the possibility to purchase access cards at the IFEMA info desk at the North entrance.

# Travel information

Transport to the IFEMA congress centre

## BY ROAD

You can reach IFEMA on the M-40, A-10 and N-II. Car parking: There are several parking areas (charges apply) around the congress centre.

## BY PUBLIC TRANSPORT

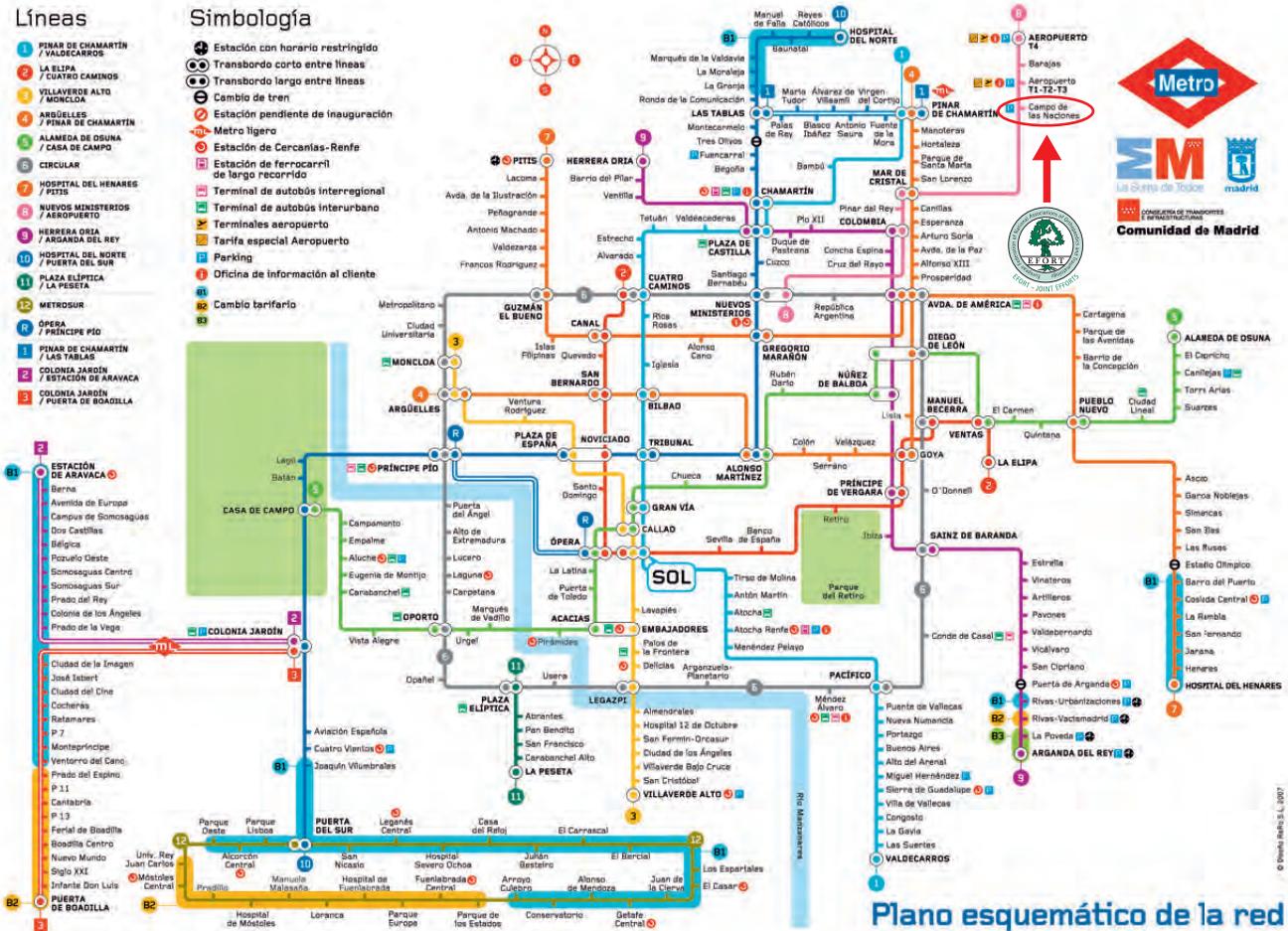
Bus: EMT Line 122 (from Avenida de América to Parque Ferial), EMT Line 112 (from Mar de Cristal to Parque Ferial). Special transport: Canillejas-IFEMA line 828 from the Canillejas metro station, line 5.

Metro: Line 8 to Campo de las Naciones.

Among the 24-hour taxi services are Radio-Taxi (91 405 55 00, 91 445 90 08, 91 447 51 80) and Tele-Taxi (91 371 21 31, 902 501 130). Radio-Teléfono Taxi (91 547 82 00, 91 547 86 00) runs taxis for people with a disability in addition to normal services. A green light on the roof means the taxi is available (libre).

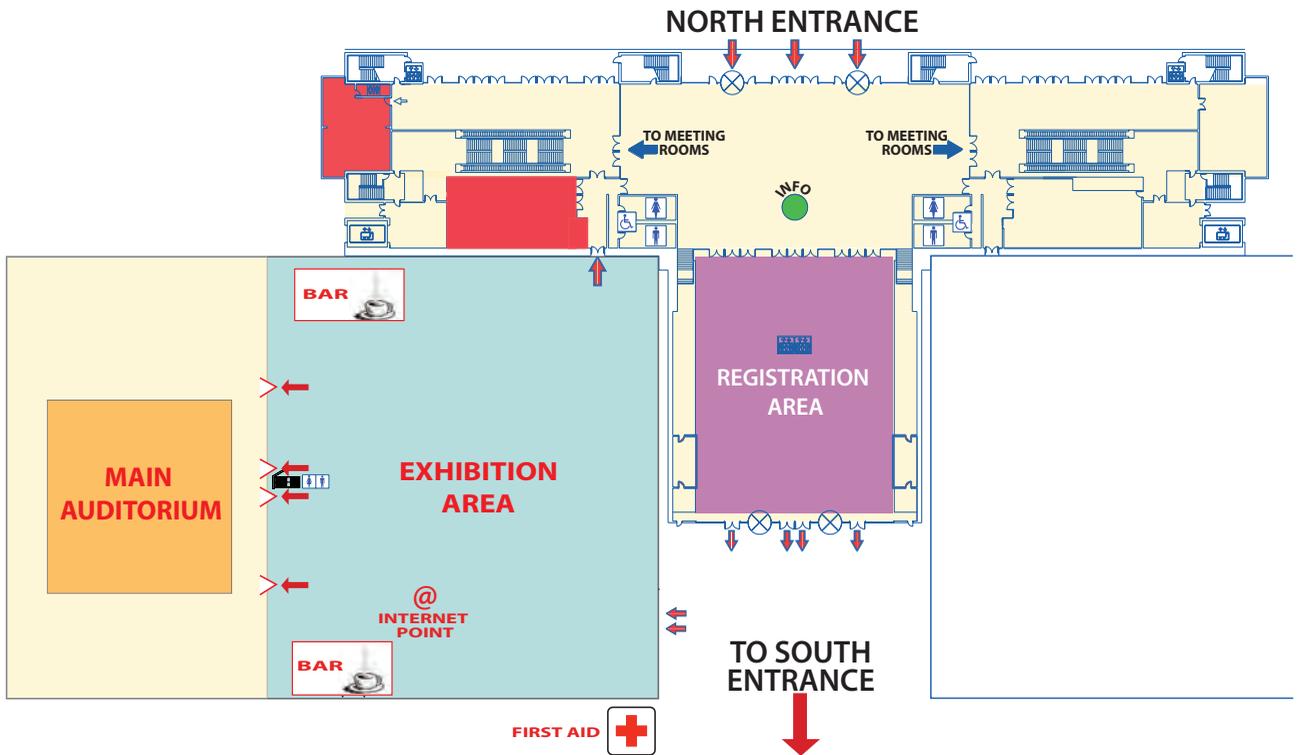
Fair shuttle: Two shuttle buses will be available to provide internal transportation within the IFEMA Madrid. Stops are in front of Puerta Sur (200m from the Campo de las Naciones metro stop), Halls 5 and 8 (car park), and Puerta Norte (EFORT congress entrance).

The metro station "Campo de las Naciones" is the exit to the congress centre



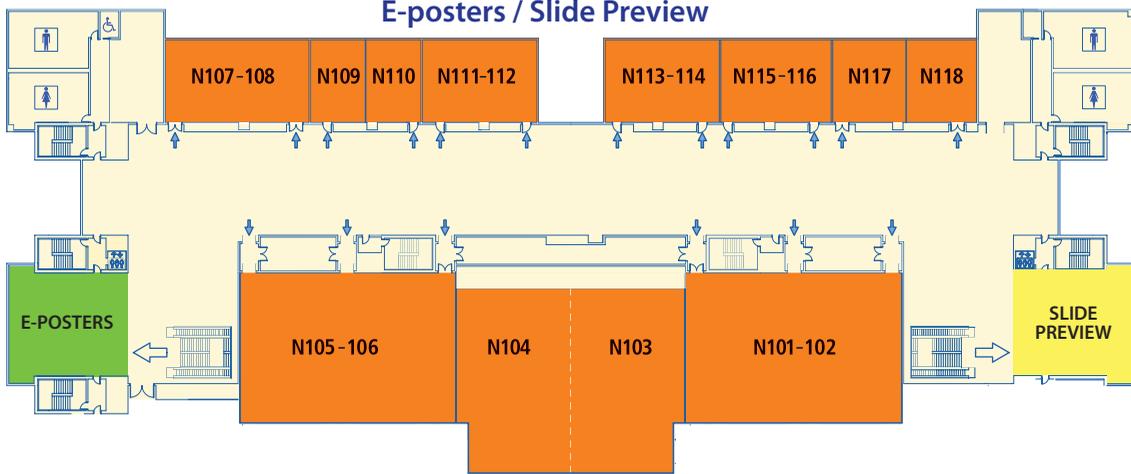
GENERAL CONGRESS INFORMATION

**GROUND FLOOR**  
Registration Area / Exhibition  
Catering Area / MAIN AUDITORIUM



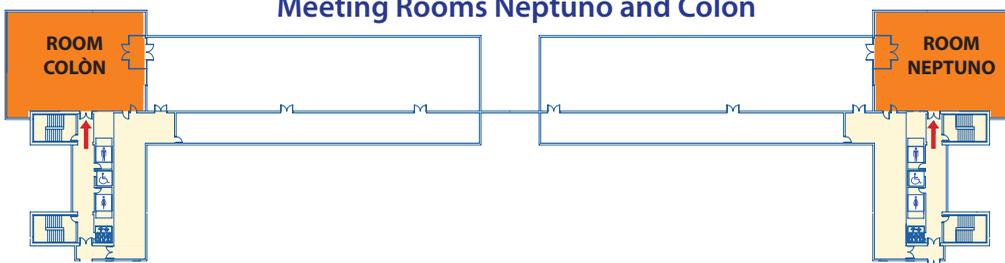
**FIRST FLOOR**

Meeting Rooms from N101 to N118  
E-posters / Slide Preview



**SECOND FLOOR**

Meeting Rooms Neptuno and Colon





Prof. Dr. Enric Cáceres Palou  
Presidente Comité Científico EFORT, Presidente Comité Organizador Madrid 2010

Queridos colegas,

Queremos daros la bienvenida al Congreso Combinado EFORT-SECOT que se celebra entre los días 2 y 5 de Junio en Madrid. Ésta es la primera vez que se celebra un Congreso Combinado entre la Sociedad Nacional del país anfitrión, en este caso España, y la Federación Europea – EFORT.

Ello supone que se desarrollen las actividades societarias (Asamblea General de la EFORT y Asamblea de la SECOT) y también las actividades científicas de cada Sociedad. Entre ambas Sociedades se han seleccionado 900 comunicaciones y 2.000 carteles electrónicos.

En la oferta científica caben destacar 23 symposiums satélite, 20 cursos de instrucción, 7 sesiones de casos controvertidos para discusión y 4 sesiones de "Expertos Encuentran Expertos". Todas estas actividades han contado con la participación de destacados miembros de las Sociedades monográficas europeas y españolas para su confección.

Algunas innovaciones se desarrollarán durante su celebración entre las que queremos destacar las Sesiones Plenarias. Cada uno de los cuatro días de celebración del congreso, en la hora central de la mañana entre las 11 y las 13 h., tendrá lugar una sesión plenaria. El martes sobre los Registros de artroplastias en Europa, el miércoles sobre el Estado de la traumatología, el jueves sobre la Enfermedad metastásica y el sábado sobre las Infecciones. Cada una de ellas tendrá traducción simultánea y se desarrollará con la mínima coincidencia posible de otras actividades.

La segunda innovación es una Sesión científica sobre la Actividad en el campo de la cadera, la rodilla y el raquis en Asia, Latinoamérica y Europa, con representantes de cada continente para cada sesión.

El Curso general de revisión se repetirá en un formato de una jornada como ya se hizo en Viena con un notable éxito.

Madrid es un marco incomparable para recibir a toda la Comunidad Ortopédica Europea donde nos encontraremos para intercambiar conocimientos científicos, construir nuestro futuro más inmediato y fortalecer la cohesión de nuestra Sociedad.

Finalmente, una reunión de este tipo es una gran oportunidad para compartir inquietudes, deseos y vivencias durante los actos sociales que se han preparado de forma muy especial.

Bienvenidos a Madrid

Prof. Dr. Enric Cáceres Palou



**Usted y su acompañante(s) están cordialmente invitados a asistir a nuestro programa social**



## INAUGURACIÓN OFICIAL Y RECEPCIÓN DE BIENVENIDA

Día	Miércoles, 2 de Junio 2010
Hora	18.45 – 20.00, seguido por una recepción de bienvenida
Lugar	IFEMA Feria de Madrid, Auditorio principal
Programa	Inauguración oficial Presentación de premios Arias interpretadas por el Tenor Carlos Cosías, seguido del cóctel de bienvenida



## NOCHE MADRILEÑA

Día	Jueves, 3 Junio de 2010
Hora	20.30 – 23.30
Lugar	Palacio del Negralejo, Carretera de Mejorada del Campo, 6 - Rivas-Vaciamadrid
Programa	buffet típico español con animación musical
Vestimenta	Informal
Precio	EUR 89 (7% IVA incluido), incluido el transporte desde y hacia el centro de la ciudad e IFEMA entrada sur
Admisión	Se requiere reserva previa



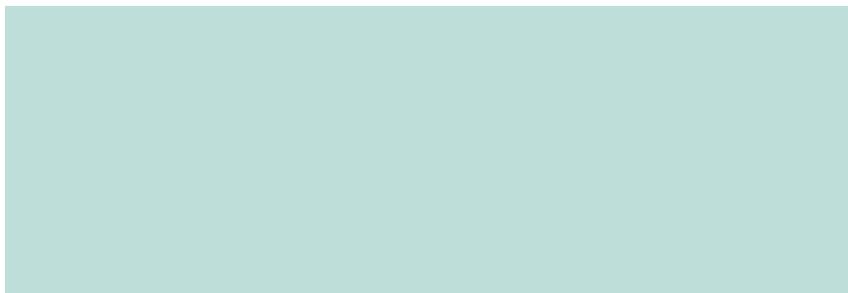
## TOURS OPCIONALES

Prereserva	Los participantes que se han inscrito para hacer excursiones deben recoger previamente sus acreditaciones.
En sede	Por favor, póngase en contacto con el personal en el mostrador de programa social, ubicado en la entrada norte del Centro de convenciones Ifema, para los viajes disponibles

## HORARIO DE SECRETARÍA

Martes, 1 Junio	de 14.00 a 18.00
Miércoles, 2 Junio	de 08.00 a 18.30
Jueves, 3 Junio	de 08.00 a 18.30
Viernes, 4 Junio	de 08.00 a 18.30
Sábado, 5 Junio	de 08.00 a 15.30

# Información general del congreso



Sede	Feria de Madrid- IFEMA CENTRO DE CONVENCIONES NORTE (Acceso por la entrada norte) 28042 Madrid, España La Feria de Madrid – IFEMA está localizada a sólo 3 km del aeropuerto Internacional de Barajas. Su ubicación privilegiada se realza con la cercanía de la moderna estación de metro “Campo de las Naciones” de la línea 8, que une el Parque Ferial Juan Carlos I con el centro de Madrid y el aeropuerto de Barajas en tiempo record.	
Secretaría del congreso	OIC srl Viale G. Matteotti, 7 50121 Florence, Italia Teléfono +39 (055) 50351 Fax +39 (055) 5001912 E-mail <a href="mailto:congressinfo@efort.org">congressinfo@efort.org</a>	
Entrega de documentación	Los mostradores para la entrega de documentación estarán ubicados en la entrada Norte del Centro de Convenciones de IFEMA y los horarios de atención serán los siguientes:	
	Martes, 1 de Junio	de 14.00 a 18.00
	Miércoles, 2 de Junio	de 08.00 a 18.30
	Jueves, 3 de Junio	de 08.00 a 18.30
	Viernes, 4 de Junio	de 08.00 a 18.30
	Sábado, 5 de Junio	de 08.00 a 15.30
Cuotas de inscripción (incl. IVA)	en sede	
	Participantes	EUR 480
	Residentes en formación*	EUR 340
	Estudiantes, enfermeros y proveedores de Servicios médicos*	EUR 190
	Inscripción para la sesión de enfermería*	EUR 50
	Inscripción de un día	EUR 210
	Sesiones ExMEx	EUR 50
	Cursos de Revisión Ortopédica (CRC)	EUR 150
	Acompañantes	EUR 170

\* Certificado director de residentes, copia de carnet de estudiante o prueba de ocupación es necesaria

## La inscripción para participantes incluye (no aplicable para CRC):

- Acceso a todas las sesiones científicas, exposición comercial, área de eposters
- Acceso a la Ceremonia inaugural y a la Recepción de Bienvenida
- Admisión a la Ceremonia de Clausura y Entrega de Premios
- Créditos Europeos CME
- CD Comunicaciones
- Documentación del congreso (incl. libro)
- Certificado de asistencia
- Pase para transporte local

## La inscripción para participantes de CRC incluye:

- Acceso CRC 4 Junio (8.00 - 18.00)
- Admisión a la exposición comercial
- Caja de comida
- Créditos Europeos CME
- Certificado de asistencia

## La inscripción para acompañantes incluye

- Acceso a la Ceremonia inaugural y a la Recepción de Bienvenida
- Tour de mediodía el jueves de de 3 Junio (9.00-13.30): Madrid Panorámico y visita a pie
- Tour de mediodía el viernes 4 de Junio (9.00-13.30): Visita pie Madrid del siglo XVI (Madrid de los Austrias)
- Pase para transporte local

## La inscripción no incluye

- Comidas y refrescos
- Programa social
- Tours opcionales
- Alojamiento

Solamente los asistentes con inscripción completa serán admitidos en las sesiones científicas.

## Acreditaciones

Asistentes y acompañantes recibirán acreditaciones individuales al registrarse en el congreso.

De acuerdo a las normas, las acreditaciones se deben llevar siempre en el congreso y también en las actividades nocturnas. La admisión no se garantizará si el nombre no es claramente visible.

## Servicio de bancos

Los bancos están abiertos en Madrid entre 9.00 y 14.00. Los sábados abren entre 8.30 y 13.00. Las oficinas del Gobierno abren entre 9.00 and 14.00.

Se puede cambiar dinero en efectivo o cheques de viajero en divisas del mundo desarrollado sin problemas en prácticamente cualquier banco o oficina de cambio (por lo general indicada con la palabra Cambio). También hay muchos bancos en el centro de Madrid, la mayoría de los cuales tienen cajeros automáticos. Las oficinas de cambio están abiertas durante más horas que los bancos pero en general ofrecen tasas más pobres. Además, esté alerta con las comisiones que cargan dichas oficinas.

## Certificado de CME créditos Europeos y Certificado de asistencia

Una vez registrado en el congreso, el certificado de créditos europeos CME será enviado a la dirección de e-mail indicado al finalizar el congreso.

## Clima

Situada a 666,9 metros, Madrid es la capital más alta europea. La primavera y el verano son momentos ideales para visitar la ciudad. Junio es un mes soleado, con temperaturas muy altas - una media mínima de 15 ° C y una máxima promedio de 27 ° C.

## Información general del congreso

Guardarropa y almacén	Un guardarropa y depósito de equipajes situado en la entrada principal estará disponible durante el horario oficial del Congreso. El centro de congresos y los organizadores no son responsables de los objetos perdidos.
Idioma oficial	El idioma oficial del Congreso es el inglés. Durante las sesiones plenarias, se dispondrá de traducción simultánea Inglés-Español.
Personas discapacitadas	El centro de congresos es de fácil acceso para personas con discapacidad. Para cualquier solicitud de asistencia especial diríjase a la Secretaría del Congreso: srl OCI, Viale Matteotti 7, 50121 Florencia, Italia. Fax +39 055 5001912, e-mail congressinfo@efort.org
Primeros auxilios	Una sala de primeros auxilios está disponible en el centro de congresos. Por favor, pregunte a cualquier miembro del personal para ayuda.
Comida y refrescos	Comidas y refrescos no están incluidos en la cuota de inscripción. Se puede comprar comida y refrescos en varias zonas de restauración en el centro de congresos.
Exposición comercial	La exposición de la industria está abierta a las compañías farmacéuticas, los fabricantes de aparatos médicos y quirúrgicos, software y editores científicos. La exposición comercial se encuentra en el pabellón 9 en el Centro de Convenciones Norte - IFEMA y está abierta en horario de congreso del 2 al 4 de junio.
Seguro	Los organizadores no son responsables del seguro médico, de viaje o seguro personal. Los participantes y sus acompañantes deben organizar su propia cobertura.
Conexión a Internet	Estaciones con conexión a Internet estarán disponible durante las horas de apertura del Congreso. Se ruega a los participantes limitar el uso de Internet a cinco minutos para permitir a tantos participantes como sea posible la utilización este servicio.
Objetos perdidos	Para objetos perdidos, por favor consulte en guardarropía
Móviles	El uso de teléfonos móviles está prohibido durante las sesiones científicas.
Fumar	Está terminantemente prohibido fumar en todas las reuniones y sesiones, y en las salas de exposición, en todo momento.
Registro para programa social	Encontrará el mostrador para registrarse en la sede del congreso. Por favor, consulte al personal para obtener información sobre el programa social y excursiones opcionales.
Agencia de viajes	Una agencia de viajes estará ubicada en el área de registro durante el horario comercial.
WLAN	La legislación española no permite la creación de redes WIFI en abierto al público. Los usuarios de WiFi y otras redes de telecomunicaciones deben ser identificados en base a un usuario y contraseña. Si desea tener acceso WIFI en la sede del Congreso tiene la posibilidad de comprar tarjetas de acceso a Internet en el mostrador de información de IFEMA en la entrada Norte.

# Mapa de transporte público

La Feria de Madrid – IFEMA está localizada a sólo 3 km del aeropuerto Internacional de Barajas. Su ubicación privilegiada se realiza con la cercanía de la moderna estación de metro “Campo de las Naciones” de la línea 8, que une el Parque Ferial Juan Carlos I con el centro de Madrid y el aeropuerto de Barajas en tiempo record.

## EN COCHE

Se puede llegar a IFEMA por la M-40, A-10 y N-II. Aparcamiento: Hay varios aparcamientos (de pago) en todo el centro de congresos.

## POR TRANSPORTE PÚBLICO

**Bus:** EMT Bus línea 122 (desde Avenida de America al Parque Ferial), EMT Línea 112 (desde el Mar de Cristal al Parque ferial).

**Transporte especial:** Canillejas-IFEMA línea 828 desde la estación de metro Canillejas, línea 5

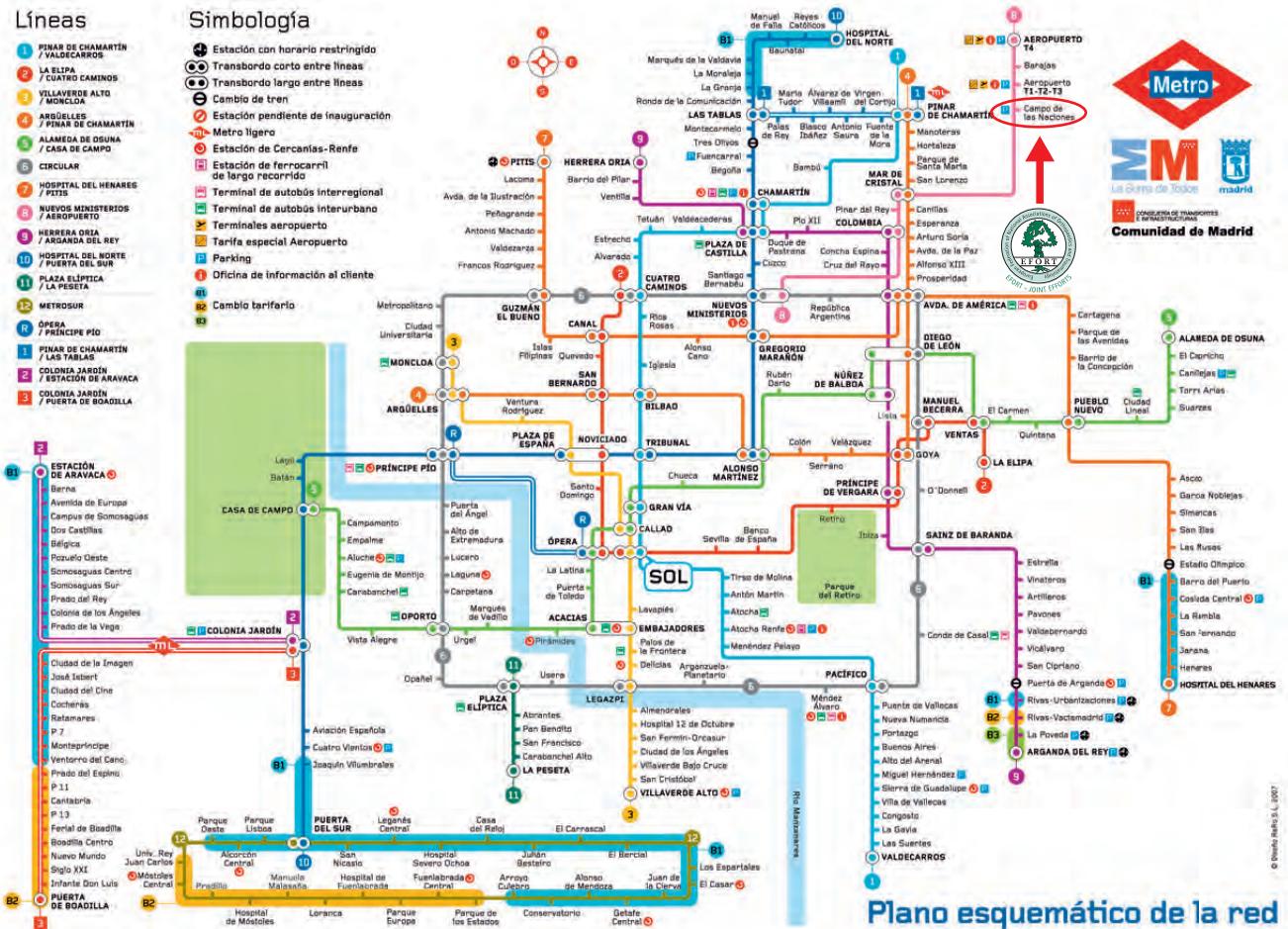
**Metro:** Línea 8 a Campo de las Naciones.

**Disponibilidad de taxis 24 horas:** Radio Taxi (91 4055500 - 91 445 90 08 - 91 447 51 80) y Tele-Taxi (91 371 21 31 - 902 501 130). Radio-Teléfono Taxi (91 547 82 00 - 91 547

86 00), a su vez presta servicios a personas con discapacidades. Una luz verde en el techo indica que está libre

**Traslados en IFEMA:** Dos autobuses estarán disponibles para proporcionar el transporte interno dentro de IFEMA. Las paradas estarán frente a la Puerta Sur (a 200 metros de la parada de metro de Campo de Las Naciones), los pabellones 5 y 8 (parking), y la Puerta Norte (entrada EFORT congreso).

La estación de metro “Campo de las Naciones” es la salida al centro de congresos



# SECOT sesiones en castellano

## MIÉRCOLES 2 JUNIO

Room	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor	N109-110 1st Floor
	SECOT sesiones en castellano			
Hour				
8:00				
8:30				
9:00		ATC 1 Cadera Comunicaciones SECOT	Columna Varios Comunicaciones GEER	Presentación casos clínicos MIR Sesión SECOT
9:30		Presentación de casos clínicos SECCA Sociedad		Presentación Editorial SECOT Sesión SECOT
10:00				
10:30		Break		
11:00		Break		
11:30		Break		
12:00	Comunicaciones sobre osteosíntesis OTC Sociedad	Fracturas de pelvis y acetábulo SETLA Sociedad	I-Secot Agencia de Investigación SECOT Sesión SECOT	Premios SECOT Sesión SECOT
12:30				Break
13:00				
13:30		Pie y tobillo Comunicaciones SECOT	Investigación GICO Grupo de Estudio Comunicaciones SECOT	
14:00		Fracturas Pie tobillo Comunicaciones SECOT	Sesión de casos clínicos SEROD Sociedad	
14:30				
15:00		Break		
15:30				
16:00				
16:30				
17:00		Reunión ordinaria del GEIOS congreso SECOT 2010 GEIOS Grupo de estudio Español	- Conceptos actuales en la reconstrucción del LCA - Conceptos actuales en la luxación acromioclavicular AEA/SPAT Sociedad	
17:30				
18:00				
18:30	18.45 - 20.00 Opening Ceremony Main Auditorium			

## JUEVES 3 JUNIO

Room	N117 1st Floor	N118 1st Floor	N109 1st Floor
	SECOT sesiones en castellano		
Hour			
8:00			
8:30	Varios 1 Rodilla Comunicaciones SECOT	Varios Mano muñeca Comunicaciones SECOT	Comisión Nacional de la Especialidad/Mesa de formación MIR SECOT Sesión SECOT
9:00			
9:30	Varios 2 Rodilla Comunicaciones SECOT		
10:00			
10:30	Break		
11:00	Varios Infantil Comunicaciones SECOT	Tumores de la mano. Nuevas líneas en el diagnóstico y tratamiento SECMA Sociedad	Bases biomecánicas de la osteosíntesis SIBB Sociedad
11:30			
12:00	Reunión del GETOI GETOI Grupo de estudio Español	Mesa debate entre amigos: Casos y cosas en la reconstrucción compleja de las extremidades AEM Sociedad	Asociación Española de Cirujanos Ortopédicos y Traumatólogos AECOT Sociedad
12:30			
13:00			
13:30	Satisfacción y adherencia al tratamiento inyectable en la profilaxis de la enfermedad tromboembólica GET Grupo de estudio Español	ATR-1 Rodilla Comunicaciones SECOT	
14:00		Mejores comunicaciones SECOT Sesión SECOT	
14:30			
15:00	Artroscopia de Codo: Anatomía, Portales e Indicaciones SECHC Sociedad		
15:30			
16:00		Break	Mejores posters SECOT Sesión SECOT
16:30	Break	Hallux Pie tobillo Comunicaciones SECOT	
17:00	Fracturas Hombro codo Comunicaciones SECOT		
17:30			
18:00			
18:30			
20:00	20.30 - 23.30 Madrid Night at Palacio del Negralejo		

## VIERNES 4 JUNIO

Room	N101-102 1st Floor	Neptuno 2nd Floor	N117 1st Floor	N118 1st Floor
	SECOT sesiones en castellano			
Hour				
8:00				
8:30	Asamblea SECOT SECOT			
9:00				
9:30				
10:00				
10:30	Break			
11:00		Ankle sprains and instability EFAS/SEMCPPT Guest Session	Presentación de casos problemas SEFEX Sociedad	
11:30				
12:00				
12:30				Varios Cadera Comunicaciones SECOT
13:00			Tendón rotuliano y deporte SETRADE Sociedad	
13:30				Fracturas Cadera Comunicaciones SECOT
14:00				
14:30			Varios Hombro/codo Comunicaciones SECOT	ATC 2 Cadera Comunicaciones SECOT
15:00				
15:30				
16:00	Break			
16:30	Grupo de Ayuda a proyectos de cooperación Grupo de estudio Español		Reunión del GEC GEC Grupo de estudio Español	Complicaciones en el manejo de los tumores óseos GRETAL Grupo de estudio Español
17:00				
17:30			Cartilago Comunicaciones SECOT	Varios Tumores Comunicaciones SECOT
18:00				
18:30				

## SÁBADO 5 JUNIO

Room	N117 1st Floor	N118 1st Floor
	SECOT sesiones en castellano	
Hour		
8:00		
8:30	Dolor Comunicaciones SECOT	ATC 3 Cadera Comunicaciones SECOT
9:00		
9:30	Medicina basada en la evidencia en el tratamiento del dolor GEDOS Grupo de estudio Español	Codo Hombro codo Comunicaciones SECOT
10:00		
10:30		
11:00		
11:30	Break	
12:00	Infecciones de la columna vertebral GEPSSAL Grupo de estudio Español	Reunión de la AO Trauma AO Asociación para el estudio de la Osteosíntesis Sociedad
12:30		
13:00		
13:30	ATR-2 Rodilla Comunicaciones SECOT	Trauma Traumatología Comunicaciones SECOT
14:00		
14:30		Miscelánea Comunicaciones SECOT
15:00		
15:30		

09:00 - 10:00

Cadera

COMUNIC. ATC 1 SALA: N117  
SECOT Moderador: Ferrer, Humberto (España) / Jara, Fernando (España)

- 1 Resultados a medio-largo plazo del componente femoral recubierto de hidroxiapatita modelo Furlong en hemiartroplastias y artroplastias totales de cadera.  
Autor y coautores: Lara Rubio, Aurelia / Álvarez Sainz-Ezquerro, Jesús / Parra Sánchez, Guillermo / Martín López, Carlos / Vilá Rico, Jesús / Cortiñas González, Álvaro  
Ponente: Lara Rubio, Aurelia (España)
- 2 Vástagos modulares en cirugía de revisión de cadera.  
Autor y coautores: Gutiérrez Castanedo, Gustavo / Mora Fernández, María Inmaculada / Contreras Citores, Yolanda / Hernández Fernández, Gonzalo / Lambán Mascaray, Noemi / Muñoz Ortus, José María / Gutiérrez Sánchez, Luis / Blanco Pozo, Agustín  
Ponente: Gutiérrez Castanedo, Gustavo (España)
- 3 Experiencia en prótesis de cadera con vástago corto modular.  
Autor y coautores: Baselga García-Escudero, Jaime / Hernández Trillos, Pedro Miguel  
Ponente: Baselga García-Escudero, Jaime (España)
- 4 Tallos femorales modulares de fijación distal en cirugía de revisión de cadera.  
Autor y coautores: Francone M., Víctor / Alfredo Sel, Del  
Ponente: Francone M., Víctor (Argentina)
- 5 Recambio de cadera con aloinjerto óseo, ¿una apuesta segura?  
Autor y coautores: Santana Ramírez, Samuel / Martínez Martín, Javier / Ruiz Zafra, Jorge Enrique / Prieto Martínez, Juan Ramón / Egea Gámez, Rosa María / López Hualda, Álvaro / Martos Torrejón, Sara / Amador Mateos, María Luisa  
Ponente: Santana Ramírez, Samuel (España)

09:00 - 10:30

SESIONES SECOT

SECOT

PRESENTACIÓN CASOS CLÍNICOS MIR

SALA: N109-110



09:00 - 11:00

Columna

COMUNIC. VARIOS - COMUNICACIONES GEER SALA: N118  
SECOT Moderador: Pellissé, Ferran (España) / De la Rúa, Julio (España)

- 6 Comparación radiológica y funcional entre artrodesis y artroplastia cervical en patología degenerativa.  
Autor y coautores: López Valenciano, Javier / Martín Benloch, Antonio / Valverde Belda, Diego / Muñoz Donat, Sonia / Sánchez Monzó, Carlos / Eschenbach, Susanne / Borrás Cebrián, Juan Carlos / Pérez Correa, José Ignacio  
Ponente: López Valenciano, Javier (España)
- 7 Estudio comparativo biomecánico del comportamiento de dos cajas intersomáticas vertebrales. Elementos finitos.  
Autor y coautores: Molina Ros, Antonio / María López, Carlos / Aliguer Pifarre, Ignasi / Salo Bru, Guillem / Ramírez Valencia, Manuel / Rigol Ramón, Pau / Carol Vilarasau, Ignasi / Cáceres Palou, Enric  
Ponente: Molina Ros, Antonio (España)
- 8 Fusión posterior C1-C2 en niños. Resultados a largo plazo.  
Autor y coautores: Romero Muñoz, Luis María / Villas Tomé, Carlos / Alfonso Olmos, Matias / Valentí Azcárate, Andrés  
Ponente: Romero Muñoz, Luis María (España)
- 9 Evolución de mielopatía tras corporectomía cervical anterior.  
Autor y coautores: Egea Gámez, Rosa María / González Díaz, Rafael / Ruiz Zafra, Jorge Enrique / Santana Ramírez, Samuel / Prieto Martínez, Juan Ramón / López Hualda, Álvaro  
Ponente: Egea Gámez, Rosa María (España)
- 10 Prótesis discal en espondilosis cervical: revisión de casos.  
Autor y coautores: Hernaiz Alzamora, Anna / Mongil Escudero, Roberto / Álvarez Irusteta, Eduardo  
Ponente: Hernaiz Alzamora, Anna (España)

09:00 – 11:00

- 11 Prótesis discal cervical. Experiencia en el hospital universitario central de Asturias (2004-2009)  
Autor y coautores: Fernández Bances, Ignacio / Folgueras Henriksen, Víctor / Paz Aparicio, José / Gómez San Martín, Esther / Laso Carbajal, Aida / López Fernández, Pedro Ataulfo / López- Fanjul Menéndez, José Carlos / Braña Vigil, Alejandro  
Ponente: Fernández Bances, Ignacio (España)
- 12 Función pulmonar y capacidad de trabajo en pacientes con Escoliosis Idiopática. Influencia del tratamiento quirúrgico  
Autor y coautores: Ramírez Valencia, Manuel / Matamalas Adrover, Antonia / Martínez Llorens, Juana / Bagó Granell, Joan / Molina Ros, Antonio / Villanueva Leal, Carlo / Pellisé Urquiza, Ferrán / Cáceres Palou, Enric  
Ponente: Ramírez Valencia, Manuel (España)
- 13 Influencia del brillo en la evaluación mediante TC de la posición de los tornillos pediculares en columna lumbar  
Autor y coautores: Romero Muñoz, Luis María / Alfonso Olmos, Matías / Villas Tomé, Carlos  
Ponente: Romero Muñoz, Luis María (España)
- 14 Inclusión de las infiltraciones epidurales en el protocolo del tratamiento de la ciática  
Autor y coautores: Martínez De Albornoz Torrente, Pilar / García Delgado, Ignacio / Sánchez Mazariegos, Gabriel / Rodríguez Macías, María Jesús / Asenjo Siguero, Juan José / Monzó Abad, Enrique  
Ponente: Martínez De Albornoz Torrente, Pilar (España)
- 15 Artrodesis circunferencial vs Artrodesis posterolateral en el tratamiento de espondilolistesis lumbosacra.  
Autor y coautores: Paulos Dos Santos, Flavio / Pérez Hickman Muñoz, Juan / Aroca Cabeza, Alejandro / Navarro Ortiz, Ramón / Martín Magaña, Luis / Martínez López, Francisco  
Ponente: Paulos Dos Santos, Flavio (España)
- 15 bis Recidiva herniaria tras discectomía simple. Factores de riesgo.  
Autor y coautores: Martínez , S / García de Frutos , A / Salo , G / Ubierna , MT  
Ponente: Martínez , S (España)

10:00 – 11:30

SOCIEDAD

SECCA- Sociedad Española de Cirugía de la Cadera



PRESENTACIÓN DE CASOS CLÍNICOS

SALA: N117

Organizador/Moderador: Blanco, Agustín (España) / Pons, Miquel (España) / Pallisó, Francesc (España)

10:30 – 11:30

SESIONES SECOT

SECOT



PRESENTACIÓN EDITORIAL SECOT

SALA: N109-110

12:00 – 13:30

SOCIEDAD

OTC – Osteosíntesis Trauma Care



COMUNICACIONES SOBRE OSTEOSÍNTESIS

SALA: NEPTUNO

Organizador/Moderador: Hernández-Vaquero, Daniel (España) / Ribes Iborra, Julio (España) / Sánchez Gimeno, Mario (España)

Entrega de las becas OTC 2010

12:00 - 13:30

SOCIEDAD

## SETLA- Sociedad Española de Traumatología Laboral



### FRACTURAS DE PELVIS Y ACETÁBULO

SALA: N117

**Organizador/Moderador: Delgado, Pedro (España) / Giannoudis, Peter (UK)**

Tratamiento de las fracturas del sacro  
Ponente: García de Lucas, Fernando (España)

Fracturas del anillo pélvico: ¿cuándo hay que operar?  
Ponente: Giannoudis, Peter (UK)

Tratamiento de las fracturas de acetábulo  
Ponente: Collado, Fernando (España)

Complicaciones y secuelas de las fracturas del anillo pélvico  
Ponente: Caba, Pedro (España)

Artroplastia de cadera tras fracturas de acetábulo  
Ponente: Zamora, Javier (España)

Coloquio y discusión

SESIONES SECOT

## SECOT



PREMIOS SECOT

SALA: N109-110

SESIONES SECOT

## SECOT



I-SECOT

SALA: N118

**Organizador/Moderador: Clavel Sainz, Manuel (España)**

Presentación Agencia de Investigación I. SECOT  
Ponente: Clavel-Sainz, Manuel (España) / Marco Martínez, Fernando (España)

13:30 - 15:00

### Pie tobillo

COMUNIC. PIE Y TOBILLO

SALA: N117

SECOT **Moderador: Carranza, Andrés (España) / Vilá Rico, Jesús (España)**

16 **Plastia de peroneos para la estabilizacion del tobillo, una nueva técnica quirúrgica.**  
Autor y coautores: Cabrera-Palacios, Hector / Somellera Caraveo, Roberto / Schulz Schulz, Peter Arnold / Maru Maru, Michael  
Ponente: Cabrera-Palacios, Hector (Germany)

17 **Rotura del tendón de Aquiles: cirugía abierta vs cirugía percutánea.**  
Autor y coautores: Aranda Romero, Fernando / Sales Fernández, Rafael / Sánchez Rúas, Jaime Jorge / Jiménez García, Daniel / Del Olmo Hernández, Teresa / Rodríguez Moro, Carlos / Medina García, Pablo  
Ponente: Aranda Romero, Fernando (España)

18 **Tratamiento percutáneo de la ruptura de tendón de Aquiles .**  
Autor y coautores: Correa Vázquez, Eva / Miquel Noguera, Joan / Jimeno Torres, Eugenio / Jimeno Torres, José María / Cáceres Palou, Enric  
Ponente: Correa Vázquez, Eva (España)

20 **Tratamiento percutáneo de la fascitis plantar: nuestros resultados.**  
Autor y coautores: López Orosa, Carlos / Rubio Vivanco, Isidoro / Oteo Maldonado, José Antonio / Alfaro Molero, Raúl / Salvador Herrero, Cristina / Fernández Doral, Francisco Javier / Pascual Del Hoyo, Silvia / Benavente Rodríguez, Pablo  
Ponente: López Orosa, Carlos (España)

13:30 - 15:00

- 21 Resultados de artroplastia total de tobillo.  
Autor y coautores: Gómez Santos, Helena / Justo Astorgano, Cristina / Ortega Ortega, Miguel / Cebreiro Martínez-Val, Ignacio / Del Olmo Hernández, Teresa / García Medina, Pablo  
Ponente: Gómez Santos, Helena (España)
- 
- 22 Nuestra experiencia con prótesis de tobillo tipo Mobility.  
Autor y coautores: Calvo Calvo, Sara / Vivanco Jodar, Teodoro / Díez Berrio, Lorena / Mayo Santander, Francisco Javier / López Goenaga, Javier / García De La Blanca, Juan Carlos  
Ponente: Calvo Calvo, Sara (España)
- 
- 23 Artrodesis de tobillo: comparación con 2 series consecutivas en HCSC.  
Autor y coautores: Tejada Gallego, Javier / Colino Castro, Álvaro / Rodríguez Rosales, Germán / Galeote Rodríguez, José Enrique / Tomé Delgado, José Luis / López-Durán Stern, Luis  
Ponente: Tejada Gallego, Javier (España)
- 
- 23 bis Graves defectos inveterados del tendón de Aquiles. Procedimientos de reconstrucción.  
Autor y coautores: Nuñez-Samper Pizarroso, Mariano  
Ponente: Nuñez-Samper Pizarroso, Mariano (España)

GRUPO DE ESTUDIO

**GICO - Grupo de Estudio de Investigación en Cirugía Ortopédica y Traumatología**

SESIÓN GICO

SALA: N118

**Organizador/Moderador: Clavel-Sainz, Manuel (España)**

Sesión de comunicaciones libres GICO

Medicina celular y molecular en la osteocondritis

Ponente: Guillén, Pedro (España)

Investigación

COMUNIC.

INVESTIGACIÓN

SALA: N118

SECOT

**Moderador: Meseguer Olmos, Luis R. (España)**

- 24 Definición de grupos susceptibles de inclusión en un programa de autotransfusión.  
Autor y coautores: Cifuentes Lobato, Ana / Pérez Tierno, Santos / Pereda Vicandi, Ángel / Pérez Rodríguez, Juan Carlos / Fernández Juan, Alexis / Sodupe González, María  
Ponente: Cifuentes Lobato, Ana (España)
- 
- 25 Propagación de grietas por fatiga en cementos óseos acrílicos con distintos agentes radiopacos.  
Autor y coautores: Torres Pérez, Ana Isabel / Fernández Fairén, Mariano / Manero M., J. / Gil Mur, F. / Artola A., A. / Murcia Mazón, Antonio  
Ponente: Torres Pérez, Ana Isabel (España)
- 
- 27 Diferenciación condrogénica de células madre mesenquimales derivadas de tejido adiposo en matriz tridimensional de fibrina autóloga.  
Autor y coautores: López Laguna, Marta / Vuelta López, Elena / Ramos Pascua, Luis Rafael / Ramos Carro, Jennifer / De La Puente García, Pilar / Saldaña Díaz, Andrés / Rodríguez-Altónaga Martínez, José Antonio / Iglesias Muñoz, Javier  
Ponente: López Laguna, Marta (España)
- 
- 28 Resultados de regeneración ósea en un modelo cavitario ovino mediante ingeniería tisular.  
Autor y coautores: Saldaña Díaz, Andrés / Ramos Pascua, Luis Rafael / López Laguna, Marta / Iglesias Muñoz, Javier / Vuelta Iglesias, Elena / Rodríguez Altonaga, José / Gonzalo Orden, José Manuel / Izquierdo García, Francisco  
Ponente: Saldaña Díaz, Andrés (España)
- 
- 29 Efecto sobre el componente celular del menisco crioconservado. Estudio experimental en ovejas.  
Autor y coautores: Moya-Angeler Pérez-Mateos, Joaquín / Martínez De Albornoz Torrente, Pilar / Esparza Vicuña, Raúl / Forriol Campos, Francisco  
Ponente: Moya-Angeler Pérez-Mateos, Joaquín (España)
- 
- 30 Liberación de fármacos a partir de recubrimientos biocerámicos sobre metales.  
Autor y coautores: Torres Pérez, Ana Isabel / Gil Mur, F. J. / Fernández Fairén, Mariano / Murcia Asensio, Antonio / Murcia Mazón, Antonio  
Ponente: Torres Pérez, Ana Isabel (España)

15:00 - 16:30

SOCIEDAD

## SEROD - Sociedad Española de la Rodilla



SESIÓN DE CASOS CLÍNICOS

SALA: N118

**Organizador/Moderador: Amillo Jiménez, Juan Ramón (España) / Maestro, Antonio (Spain)**

Fractura de meseta tibial asociada a lesión del complejo posterolateral

Ponentes: Conesa, Xavier (España) / Cortina, Josep (España) / Minguel, Joan (España) / Castellet, Enric (España) / Carrera, Lluís (España) / Nardi, Joan (España) / Caceres Palou, Enric (España)

Tratamiento de fractura de fémur distal en el anciano

Ponentes: Torner, Pere (España)

Fallo de artrodesis asociado a osteitis tras infección de una prótesis total de rodilla

Ponentes: Martínez Pastor, Juan Carlos (España) / Segur, Josep M. (España) / Castillo, F. (España) / Lozano, L. (España) / Popescu, D. (España) / Sastre, Sergi (España) / Torner, P. (España) / Ares, O. (España) / Maculé, Francisco (España)

Complicación poco frecuente después de cirugía meniscal artroscópica

Ponentes: Moreno, Eduardo (España) / Oller, Bárbara (España) / Rodríguez, Daniel (España) / Amillo Jiménez, Juan Ramón (España)

¿Es la artrodesis de rodilla la solución final en la infección protésica?

Ponentes: Torres, Raúl (España) / Montserrat, Ferran (España) / Leal, Joan (España) / Guirro, P. (España) / Puig Ll. (España) / Hinarejos, P. (España)

¿Es la artrodesis de rodilla la solución final en la infección protésica?

Ponentes: Torres, R. / Montserrat, F. / Leal, J. / Guirro, P. / Puig, Ll. / Hinarejos, P.

Menisctomía; el arte de saber cuándo no operar

Ponentes: Fernández Lombardía, J. / Maestro, A. / Rodríguez, L. / Olay Gayoso, M.J. / Casero Alonso, J. / Paz Aparicio, J.

### Pie tobillo

COMUNIC. FRACTURAS

SALA: N117

SECOT

**Moderador: Viladot, Ramón (España) / Núñez Samper, Mariano (España)**

31

Estudio biomecánico de la marcha después de una fractura grave de calcáneo.

Autor y coautores: Sánchez Lorente, Tomás / Oliva López, Felipe / Forriol Campos, Francisco  
Ponente: Sánchez Lorente, Tomás (España)

32

Tratamiento de 134 fracturas de calcáneo graves mediante artrodesis mínimamente invasiva. Evolución a cuatro años.

Autor y coautores: Sánchez Lorente, Tomás / García Las Heras, Beatriz / López Oliva, Felipe / Forriol Campos, Francisco  
Ponente: Sánchez Lorente, Tomás (España)

33

Artrodesis subastragalina por vía artroscópica.

Autor y coautores: Podetti Meardi, Mario Angelo / Chaques Asensi, Francisco / Pérez Hidalgo, Santiago / Moreno Nevado, Carlos / Jiménez Martín, Antonio / Úbeda Pérez De Heredia, Inigo / García Díaz, Jesús / Aguilar Fernández, Lucas  
Ponente: Podetti Meardi, Mario Angelo (España)

34

Luxaciones periastragalinas y lesiones asociadas.

Autor y coautores: Gil Rodríguez, Emilia / Núñez Pereira, Susana / Busquets Net, Rosa / Maled García, Ignasi / Sierra Oliva, Judit / Nardi Vilardaga, Joan  
Ponente: Gil Rodríguez, Emilia (España)

35

Resultados del tratamiento de fracturas de pilón tibial en el hospital Virgen de los Lirios. Un estudio retrospectivo (2000-2009).

Autor y coautores: Talavera Gosálbez, José-Juan / Vidal Catalá, Juan / Prieto Castelló, María José / Marhuenda Amorós, Dolores  
Ponente: Talavera Gosálbez, José-Juan (España)

36

Estudio retrospectivo de las fracturas de tobillo.

Autor y coautores: Arias Baile, Ainhoa / Batalla Gurrea, Lledó / Pacha Vicente, Daniel / Tomás Hernández, Jordi / Teixidor Serra, Jordi / Collado Gastalver, Diego / Molero García, Vicente / Nardi Vilardaga, Joan  
Ponente: Arias Baile, Ainhoa (España)

37

El tratamiento quirúrgico de las fracturas de tobillo. Revisión de 100 casos.

Autor y coautores: Guijarro Valtueña, Ainhoa / Zurrón Lobato, Miriam / Bartolomé García, Sergio / Ortega Briones, Alina / Zorzo Godes, Carlos / Torrijos, Pedro  
Ponente: Guijarro Valtueña, Ainhoa (España)

15:00 - 16:30

- 38 Estudio comparativo entre los métodos de tratamiento clásico (ortopédico y/o quirúrgico) y funcional (carga precoz sin inmovilización) de las fracturas del metatarso.  
Autor y coautores: Úbeda Pérez De Heredia, Iñigo / García Díaz, Jesús / Chaques Asensi, Francisco / Podetti Meardi, Mario Angelo / Moreno Nevado, Carlos / Aguilar Fernández, Lucas  
Ponente: Úbeda Pérez De Heredia, Iñigo (España)
- 
- 39 Estudio de calidad de vida en pacientes con fractura-luxación de Lisfranc.  
Autor y coautores: García Renedo, Raúl Javier / Carranza Bencano, Andrés / Fernández Torres, José Juan / Del Castillo Blanco, Gabriel / Fernández Velázquez, José Reyes / Alegrete Parra, Andrés  
Ponente: García Renedo, Raúl Javier (España)
- 
- 40 Comparación clínico-radiológica de las fracturas transindesmales de peroné, según Weber con los hallazgos quirúrgicos.  
Autor y coautores: Arimany Serratos, Marc / Martínez Ruiz, Carmen / Suárez Fernández, Borja / Arias González, Jesús / Jiménez Potrero, Manuel / Yunta Gallo, Alejandro  
Ponente: Arimany Serratos, Marc (España)

17:00 - 18:30

SOCIEDAD

**AEA - Asociación Española de Artroscopia / SPAT - Sociedad Portuguesa de Artroscopia**



CONCEPTOS ACTUALES EN LA RECONSTRUCCIÓN DEL LCA

SALA: N118

**Organizador/Moderador: Monllau, Juan Carlos (España)**

Anatomía y función del LCA  
Ponente: Gelber, P. (España)

Prevención de la lesión  
Ponente: Beckert, P. (España)

Opciones de tratamiento y bases científicas  
Ponente: Gamelas, J. (España)

Monofascículo transtibial (clásico). Reconstrucción LCA  
Ponente: Leyes, M. (España)

Monofascículo . Reconstrucción anatómica  
Ponente: Ayala, J. (España)

Doble fascículo. Reconstrucción anatómica  
Ponente: Varatojo, R. (España)

Aportaciones finales  
Ponente: Espregueira-Mendes, Joao (España) / Monllau, Juan Carlos (España)

Miércoles  
2 Junio



17:45 - 18:30

SOCIEDAD

**AEA - Asociación Española de Artroscopia / SPAT - Sociedad Portuguesa de Artroscopia**

**CONCEPTOS ACTUALES EN LA LUXACIÓN ACROMIO-CLAVICULAR**

**SALA: N118**

Bases anatómicas para la cirugía acromio-clavicular  
Ponente: Galanó, P. (España)

Incidencia y clasificación  
Ponente: Sevivas, N. (España)

Opciones de tratamiento y bases científicas  
Ponente: Costa, P. (España)

Cirugía abierta: AC Reparación/Reconstrucción  
Ponente: Cartucho, Antonio (Portugal)

Conocimiento artroscópico y puntos de referencia para la cirugía AC  
Ponente: Calvo, A. (España)

Artroscopia: AC Reparación/Reconstrucción  
Ponente: Sarasquete, J. (España)

Discusión y conclusiones

17:00 - 18:30

GRUPO DE ESTUDIO

**GEIOS - Grupo de Estudio de Investigación en Osteoporosis**

**REUNIÓN ORDINARIA DEL GEIOS CONGRESO SECOT 2010**

**SALA: N117**

**Organizador/Moderador: Mesa Ramos, Manuel (España)**

Introducción  
Ponente: Mesa Ramos, Manuel (España)

Entrega del premio al mejor caso clínico publicado en la web del GEIOS  
Ponente: Etxebarria Foronada, Iñigo (España)

Informe de la divulgación de la Guía Práctica Clínica  
Ponente: Roca Ruiz, Luis Javier (España)

Presentación del Programa Docente del GEIOS  
Ponente: Caeiro Rey, José Ramón (España)

Presentación del Proyecto UFrOP  
Ponente: Gil Garay, Enrique (España)

Presentación del libro: tratamiento multidisciplinar de la fractura vertebral  
Ponente: Mesa Ramos, Manuel (España)

Conferencia magistral: The multidisciplinary fracture units  
Ponente: Amling, Michael (Germany)

Reunión administrativa

08:30 - 09:30

Rodilla

COMUNIC. VARIOS 1 SALA: N117  
SECOT Moderador: Combalia, Andreu (España) / Garcés, Gerardo (España)

- 41 Impacto de la artrosis de rodilla en la calidad de vida. Repercusión de la edad y el sexo.  
Autor y coautores: Vilà Canet, Gemma / Lluís Puig, Verdie / Leal Blanquet, Joan / Montserrat Ramón, Ferràn / Hinarejos Gómez, Pedro / Cáceres Palou, Enric  
Ponente: Vilà Canet, Gemma (España)
- 43 Modelo tridimensional virtual de la articulación de la rodilla a partir de imágenes de resonancia magnética. Su repercusión quirúrgica.  
Autor y coautores: Ruiz Mezcua, Juan Ramón / Merida Velasco, José Ramón / De La Cuadra Blanco, Crótida / Montiel Terrón, Verónica / López Salazar, Teresa / Jiménez Esún, Miguel / Sanz Ferrando, Luis  
Ponente: Ruiz Mezcua, Juan Ramón (España)
- 44 Estudio cinético de la marcha y el salto en la rotura del LCA.  
Autor y coautores: Martínez De Albornoz Torrente, Pilar / Moya-Angeler Pérez- Mateos, Joaquín / López Hernández, Gloria / Forriol Campos, Francisco  
Ponente: Martínez De Albornoz Torrente, Pilar (España)
- 45 CMA del ligamento cruzado anterior.  
Autor y coautores: Palau Sanz, Edgar / Méndez Ojeda, Marye / Barrera Ochoa, Sergi / Minguell Monyart, Joan / Castellet Feliu, Enric / Nardi Vilardaga, Joan  
Ponente: Palau Sanz, Edgar (España)
- 46 Facetectomía artroscópica como tratamiento de la artrosis femoropatelar asociada a hiperpresión externa de rótula.  
Autor y coautores: Jiménez Obach, Albert / Sánchez González, José / López De Vega, Xose / Vilaró Angulo, Jaume / Auleda Galbany, Jaume / Font Bilbeny, Merce / Malagelada Romans, Francesc  
Ponente: Jiménez Obach, Albert (España)

08:30 - 10:30

Mano muñeca

COMUNIC. VARIOS SALA: N118  
SECOT Moderador: Cuadros, Miguel (España) / Llusá Pérez, Manuel (España)

- 53 Correlación de la imagen sagital de la RMN para el diagnóstico de la ruptura del ligamento triangular mediante visualización artroscópica.  
Autor y coautores: Font Segura, Jordi / Correa , Eva / Landzaji , Tatiana / Mir Bulló, Xavier  
Ponente: Correa , Eva (España)
- 54 Osteosíntesis dinámica intramedular en cirugía de la mano.  
Autor y coautores: Gorostiola Vidaurrezaga, Lide / Moreta Suárez, Jesús / Galán Labaca, Víctor  
Ponente: Gorostiola Vidaurrezaga, Lide (España)
- 56 Resultado a largo plazo de la artrodesis total de muñeca en pacientes en edad activa laboral.  
Autor y coautores: Sánchez Del Cura Sánchez, Pablo / Rodríguez Vaquero, Gía / Moya-Angeler Pérez-Mateos, Joaquín José / Sánchez Hidalgo, Ricardo / Martínez De Albornoz Torrente, Pilar / Delgado Serrano, Pedro José / García De Lucas, Fernando  
Ponente: Sánchez Del Cura Sánchez, Pablo (España)
- 57 Hemitrapectomía frente a trapectomía total en el implante Pyrodisk® para el tratamiento de la artrosis trapeziometacarpiana.  
Autor y coautores: Fernández Bran, Beatriz / Castro Salvador, Raquel / Sanmartín Fernández, Marcos  
Ponente: Fernández Bran, Beatriz (España)
- 58 Complicaciones del tratamiento quirúrgico de la enfermedad de Quervain.  
Autor y coautores: Rodríguez Vaquero, Gía / Moya-Angeler Pérez-Mateos, Joaquín / Sánchez Del Cura Sánchez, Pablo / Sánchez Hidalgo, Ricardo / Martínez De Albornoz Torrente, Pilar / Delgado Serrano, Pedro José / García De Lucas, Fernando  
Ponente: Rodríguez Vaquero, Gía (España)
- 59 Resultados del tratamiento de la rizartrosis en fases precoces mediante plastia de Eaton.  
Autor y coautores: Domingo , A. / Saz , Lázaro / Lozano Álvarez, Carlos / Cebamanos Celma, Joan  
Ponente: Domingo , A. (España)

08:30 - 10:30

- 60 Fracturas y pseudoartrosis del polo proximal del escafoides.  
Autor y coautores: Sánchez Del Cura Sánchez, Pablo / Rodríguez Vaquero, Gía / Moya-Angeler Pérez-Mateos, Joaqui José / Sánchez Hidalgo, Ricardo / Martínez De Albornoz Torrente, Pilar / Delgado Serrano, Pedro Jose / García De Lucas, Fernando  
Ponente: Sánchez Del Cura Sánchez, Pablo (España)
- 61 Analisis clínico-laboral en pacientes con luxación perilunar del carpo y luxación semilunar aislada.  
Autor y coautores: García López, José Ignacio / Moya-Angeler Pérez-Mateos, Joaquín José / Abad Morenilla, José María / Delgado Serrano, Pedro / García De Lucas, Fernando  
Ponente: García López, José Ignacio (España)
- 62 Carpectomía proximal seguimiento de 21 casos a largo plazo.  
Autor y coautores: Puig De La Bellacasa Delás, Inma / Gilabert Senar, Antonio / Lozano Soldevilla, Bárbara / Oller Boix, Ana  
Ponente: Lozano Soldevilla, Bárbara (España)
- 63 Complicaciones en artroscopia de muñeca.  
Autor y coautores: García López, José Ignacio / Delgado Serrano, Pedro José / Abad Morenilla, José María / Sanz Ferrand, Luis Alfonso / Fuentes Sanz, Adela / García De Lucas, Fernando  
Ponente: García López, José Ignacio (España)

SESIONES SECOT

SECOT



COMISIÓN NACIONAL DE LA ESPECIALIDAD / MESA DE FORMACIÓN MIR

SALA: N109

09:30 - 10:30

Rodilla

COMUNIC. VARIOS 2 SALA: N117  
SECOT Moderador: Amillo Jiménez, Juan Ramón (España) / Pérez Caballer, Antonio (España)

- 47 Reconstrucción de ligamento femoropatelar medial con tendón cuadriceps autólogo. Primeros resultados.  
Autor y coautores: Gutiérrez Narvarte, Francisco De Borja / Guerra Vélez, Pedro / García Rodríguez, Raúl / Olaya González, Carlos / Morales Muñoz, Patricia / Martín Fuentes, Ana María / García Fernández, David / Cano Egea, Juan Miguel  
Ponente: Gutiérrez Narvarte, Francisco De Borja (España)
- 48 Once años de experiencia en tratar meniscos discoides sin daños o aparentemente sin daños.  
Autor y coautores: Pascarella , Antonio / Pascarella Pascarella, Fabio / Di Salvatore Di Salvatore, Mariano Giuseppe / Latte Latte, Carmine / Parente Parente, Giuseppe  
Ponente: Pascarella Pascarella, Fabio (Italy)
- 49 Estudio retrospectivo de las osteotomías valguizantes de tibia con un seguimiento mayor de 18 meses.  
Autor y coautores: Prieto Martínez, Juan Ramón / Valencia García, Homero / López Hualda, Álvaro / Egea Gámez, Rosa María / Santana Ramírez, Samuel / Ruiz Zafra, Jorge Enrique / Martos Torrejón, Sara / González-Onandía López, Pedro Antonio  
Ponente: Prieto Martínez, Juan Ramón (España)
- 50 Osteotomía varizante de femur distal. Nuestra experiencia.  
Autor y coautores: Sedeno López, Sergio / Prieto Álvarez, Andrés  
Ponente: Sedeno López, Sergio (España)
- 51 Fractura periprotésica sobre artroplastia de rodilla. Nuestra experiencia.  
Autor y coautores: Balaguer Andrés, Jaume / Colomina Rodríguez, Rafael / Bertó Martí, Francesc Xavier / Bru Pomer, Antonio / Barrera Puigdollers, Luis / Alfonso Porcar, Miguel  
Ponente: Balaguer Andrés, Jaume (España)
- 52 Tratamiento artroscópico de las fracturas de la espina tibial.  
Autor y coautores: Oller Boix, Anna / Bailez Arias, Alberto / Sabatés Mallorques, Santi / Salvador Sánchez, Josep  
Ponente: Oller Boix, Anna (España)

11:00 - 12:00

Infantil

COMUNIC. SECOT	VARIOS	SALA: N117
	Moderador: Sanpera, Ignasi (España) / García Mata, Serafín (España)	
64	Osteomielitis aguda y artritis séptica infantil en el Hospital General Yagüe. Autor y coautores: Mora Fernández, María Inmaculada / Gutiérrez Castanedo, Gustavo / García Pesquera, José María / Lamban Mascaray, Noemi / Martínez Arbeloa, Idoia / López Moya, Manuel / Blanco Pozo, Agustín Ponente: Mora Fernández, María Inmaculada (España)	
65	Complicaciones tardías en artritis séptica infantil. Autor y coautores: Bustillo Badajoz, Javier / Sánchez Hidalgo, Ricardo / Abril Martín, Juan Carlos / Epeldegui Torre, Tomás Ponente: Bustillo Badajoz, Javier (España)	
66	Fracturas supracondíleas de humero en edad infantil. Autor y coautores: Blanco , Alfonso / Pagés Ortiz, Luis / Losa Palacios, Sergio / Doñate Pérez, Francisco / Ramírez Villaescusa, José / Jiménez Ortega, Plácido / Gaspar Aparicio, Natalia / Toledo León, David Ponente: Blanco , Alfonso (España)	
68	El codo flotante en el niño: opciones terapéuticas y complicaciones. Autor y coautores: Hermosilla Sánchez, Felipe / Pino Almero, Laura / Mínguez Rey, María De La Fe / Gasco Gomez De Membrillera, José Ponente: Hermosilla Sánchez, Felipe (España)	

11:00 - 12:30

SOCIEDAD

SECMA - Sociedad Española de Cirugía de la Mano



TUMORES DE LA MANO. NUEVAS LÍNEAS EN EL DIAGNÓSTICO Y TRATAMIENTO	SALA: N118
Organizador: Cancelo Barea, Ramón (Spain)	
Diagnósticos por imagen de los tumores de la mano. La radiología, tomografía axial computerizada y resonancia magnética nuclear en el diagnóstico de los tumores de la mano Ponente: Fuentes Díaz, Alfonso (España)	
Anatomía patológica, inmunohistoquímica y genética de los tumores de la mano Ponente: Durán García, Rafael (España)	
Tumor de células gigantes de las vainas tendinosas. Casos especiales por su tamaño, localización, afectación ósea o recidivas Ponente: Cancelo Barea, Ramón (España)	
Lipomas intramusculares y lipomas gigantes Ponente: Celester Barreiro, Gabriel (España)	
Neurilemomas y neurofibromas solitarios. Clínica. Inmunohistoquímica. Genética. Tratamiento quirúrgico Ponente: Lluch Homedes, Alberto (España)	
Tumores de la mano en los niños Ponente: Musset, Alex (España)	
Tumor óseo de células gigantes, granuloma reparativo de células gigantes, quiste óseo aneurismático, en la mano. Alternativas terapéuticas Ponente: Mackenney, Enrique (España)	
Tumores malignos de la mano. Nuevas líneas de diagnóstico y nuevas estrategias de tratamiento Ponente: Lasmás González, Claudia (España)	

Jueves  
3 Junio

11:30 - 13:00

SOCIEDAD

## SIBB - Sociedad Ibérica de Biomecánica y Biomateriales



SIBB

BASES BIOMECÁNICAS DE LA OSTEOSÍNTESIS

SALA: N109

Organizador/Moderador: Valentí, Joan (España) / Viladot, Antonio (Spain) / Valentí, Joan (España)

Biomecánica de la osteosíntesis con placas y tornillos

Ponente: Sales, Miguel (España)

Biomecánica de la osteosíntesis con clavos

Ponente: Saura, Eladio (España)

Biomecánica de los injertos óseos

Ponente: de Pedro, José Antonio (España)

Biomecánica de los fijadores externos

Ponente: Saló, Josep Maria (España)

Biomecánica de la osteosíntesis con materiales biodegradables

Ponente: San Román, Julio (España)

12:00 - 13:30

GRUPO DE ESTUDIO

## GETOI - Grupo de Estudio de Traumatología y Ortopedia Infantil

SESIÓN GETOI

SALA: N117

Organizador/Moderador: García Mata, Serafín (Spain)

Sesión de comunicaciones libres GETOI

Asamblea GETOI

12:30 - 14:00

SOCIEDAD

## AEM - Asociación Española de Microcirugía



MESA DEBATE ENTRE AMIGOS: CASOS Y COSAS EN LA RECONSTRUCCIÓN COMPLEJA DE LAS EXTREMIDADES

SALA: N118

Organizador/Moderador: Fernández García, Salvador (España) / Rodríguez Vegas, J. Manuel (España)

Ponente: Arilla Castilla, Miguel Angel (España)

Ponente: Casado Pérez, César (España)

Ponente: Camporro Fernández, Daniel (España)

Ponente: Cordero-Ampuero, José (España)

Ponente: García de Lucas, Fernando (España)

Ponente: Muset Lara, Alex (España)

Ponente: Puente Alonso, Carlos (España)

Ponente: Sánchez Olsa, Alberto (España)

JUEVES  
3 JUNIO

13:00 - 14:00

SOCIEDAD

AECOT - Asociación Española de Cirujanos Ortopédicos y Traumatólogos



SALA: N109

13:30 - 15:00

GRUPO DE ESTUDIO

GET - Grupo de estudio de Tromboembolismo

ESTUDIO MULTICÉNTRICO ESPAÑOL SALTO. SATISFACCIÓN Y ADHERENCIA AL TRATAMIENTO INYECTABLE EN LA PROFILAXIS DE LA ENFERMEDAD TROMBOEMBÓLICA

SALA: N117

Organizador/Moderador: Peidró Garcés, Lluís (España)

Introducción - material y métodos

Ponente: Peidró Garcés, Lluís (España)

Resultados

Ponente: Otero, Rafael (España)

Discusión

ASAMBLEA ORDINARIA DEL GET

SALA: N117

Lectura del Acta anterior

Actividades del Grupo Curso 2009-2010

Renovación Junta del Grupo

Propuesta nuevas actividades

14:00 - 16:00

Rodilla

COMUNIC. ATR 1

SALA: N118

SECOT Moderador: Guijarro, José Manuel (España) / Montañez, Elvira (España)

69 Estudio de correlación entre cuestionario KSS, WOMAC y SF-36 en pacientes en lista de espera para ATR.

Autor y coautores: Torres Claramunt, Raúl / Leal Blanquet, Joan / Montserrat Ramón, Ferràn / Puig Verdú, Lluís / Cáceres Palou, Enric / Hinarejos Gómez, Pedro

Ponente: Torres Claramunt, Raúl (España)

70 Goniometría comparativa entre PTR navegadas y convencionales.

Autor y coautores: Solís Tamargo, Eduardo / Romero Ballarín, Jesús / González Sastre, Vanessa / Murcia Mazón, Antonio

Ponente: Solís Tamargo, Eduardo (España)

71 Influencia de las variables no quirúrgicas en los resultados de las PTR.

Autor y coautores: Solís Tamargo, Eduardo / López Cuello, Patricia / Torres Pérez, Ana / Murcia Mazón, Antonio

Ponente: López Cuello, Patricia (España)

72 Resultados clínicos y radiológicos en la prótesis total de rodilla navegada. Estudio comparativo.

Autor y coautores: Gómez Roig, Carlos / Esteve Balzola, Carles / Jordà Fernández, Gerard / Gordillo Santesteban, Ainhoa / Giné Gomà, Josep

Ponente: Gómez Roig, Carlos (España)

14:00 - 16:00

73	Rehabilitación y alta acelerada de prótesis total de rodilla con un programa perioperativo multimodal. Autor y coautores: Baines Gracia, Jose txo / Kinninmonth Kinninmonth, Andrew / Mcdonald Mcdonald, David / Siegmeth Siegmeth, Rhona / Deakin Deakin, Angela / Scott Scott, Nick Ponente: Baines Gracia, Jose txo (United Kingdom)
74	La curva de aprendizaje con la protesis de rodilla asistida por navegador: un principiante comparado con un experto. Autor y coautores: Baines Gracia, Jose txo / Picard Picard, Frederic / Deakin Deakin, Angela Ponente: Baines Gracia, Jose txo (United Kingdom)
75	Variabilidad de la alineación sagital de los cóndilos en las ATR. Autor y coautores: León Muñoz, Vicente Ponente: León Muñoz, Vicente (España)
76	Estudio prospectivo sobre la posición de los implantes y el resultado clínico en la prótesis total de rodilla navegada. Análisis e influencia de la curva de aprendizaje. Autor y coautores: Gordillo Santisteban, Ainhoa / Esteve Balzola, Carles / Jordà Fernández, Gerard / Gómez Roig, Carlos / Provinciale Fatsini, Emilio / Giné Gomà, Josep Ponente: Gordillo Santisteban, Ainhoa (España)
77	Estudio retrospectivo en artroplastias de rodilla con uso de navegación. Autor y coautores: Oliver Far, Gabriel / Serrano Expósito, Celia / Monsonet Villa, Pau / Portabella Blavia, Federic Ponente: Serrano Expósito, Celia (España)
78	Validez del estudio angular preoperatorio en las ATR. Autor y coautores: León Muñoz, Vicente Ponente: León Muñoz, Vicente (España)
79	Estudio comparativo de supervivencia del componente rotuliano en prótesis total de rodilla: respaldo metálico no cementado vs componente enteramente de polietileno cementado. Autor y coautores: Hernández Díez, Antonio Luis / Moreno García, Alonso / Ferrer Santacreu, Eugenio Miguel / Leal Helmling, José Luis / Villanueva Blaya, Patricia / Arroyo Salcedo, Gregorio / Bello Prats, Santiago Ponente: Hernández Díez, Antonio Luis (España)

15:00 - 16:30

SOCIEDAD

SEHC - Sociedad Española de Cirugía de Hombro y Codo



ARTROSCOPIA DE CODO: ANATOMÍA, PORTALES E INDICACIONES

SALA: N117

Organizador/Moderador: Bruguera, Juan (España) / Foruria, Antonio (España) / Tabuenca, José (España)

15:00 - 16:00

SESIONES SECOT

Mejores comunicaciones



COMUNIC. MEJORES COMUNICACIONES

SALA: N109

SECOT

26	Liberación continua de factor de crecimiento endotelial vascular mediante una matriz de polímero de ácido cítrico en un modelo de defecto óseo segmentario en tibia de conejo. Autor y coautores: González Lizán, Fausto / Ruíz Ibán, Miguel Ángel / Díaz Heredia, Jorge / Moros Marco, Santos / Herrera Mera, Pablo / Del Cura Varas, María Soledad Ponente: González Lizán, Fausto (España)
42	Osteocondritis disecante en la rodilla inmadura. Anillo de esclerosis perilesional como factor pronóstico. Autor y coautores: Ramírez Barragán, Ana / Abril Martín, Juan Carlos / Chaparro González, Manuel / Epeldegui Torre, Tomás Ponente: Ramírez Barragán, Ana (España)
55	Transferencia vascularizada del escafoidees en estadios avanzados de la enfermedad de Kienbock. Autor y coautores: Mir Bulló, Xavier / Lluch Bergada, Alex / Font Segura, Jordi / Llusa Torres, Manuel Ponente: Mir Bulló, Xavier (España)

15:00 - 16:00

- 67 Aplicación informática –"axis"– para el "timing" de la cirugía de hemiepifisiodeis (con técnica de Bowen y placa en 8) en genu varo-valgo. Fase piloto: resultados predecidos y reales  
Autor y coautores: Prieto Álvarez, Andrés / Lara Pulido, Francisco / Martínez Vázquez, Marisol / Sedeño López, Sergio / Beltrán Caro, Juan Miguel  
Ponente: Prieto Álvarez, Andrés (España)
- 146 Distribución de la osteolisis periprotésica. Estudio con RM en cadera.  
Autor y coautores: Suárez Vázquez, Abelardo / Hernández Vaquero, Daniel / López Díaz, María Del Valle / Iglesias Fernández, Susana / Noriega Fernández, Alfonso / Sánchez Lorenzo, Constantino  
Ponente: Suárez Vázquez, Abelardo (España)

16:00 - 17:00

SESIONES SECOT

Mejores posters



COMUNIC. MEJORES POSTERS  
SECOT

SALA: N109

- 147 Epidemiología, tratamiento y resultados de fracturas supracondíleas desplazadas en menores de 3 años.  
Autor y coautores: Díez Berrío, María Lorena / Vivanco Jódar, Teodoro / Calvo Calvo, Sara / Martí Ciruelos, Rafael / Curto De La Mano, Ángel
- 220 Marcaje de células madre mesenquimales derivadas de tejido adiposo para su localización y seguimiento mediante RMN en terapias de regeneración ósea.  
Autor y coautores: López Laguna, Marta / Saldaña Díaz, Andrés / Ramos Pascua, Luis Rafael / Vuelta López, Elena / Rodríguez-Altónaga Martínez, José Antonio / Ramos Carro, Jennifer / Vázquez Reyero, Juan José / Iglesias Muñoz, Francisco Javier  
Ponente: López Laguna, Marta (España)
- 221 Análisis estadístico de los factores que aumentan el sangrado perioperatorio en las fracturas trocantéricas .  
Autor y coautores: Torres Pérez, Ana Isabel / Laffosse Michel, Jean / J. Molinier, Francois / J. Chiron, Philippe / Louis Puget, Jean  
Ponente: Torres Pérez, Ana Isabel (España)
- 223 Cerámica 55 S para regeneración de defectos óseos.  
Autor y coautores: Sánchez Angulo, Pedro / Cebrián Córdoba, Francisco / Amor Jiménez, Salvador / Meseguer Olmo, Luis Ramón / Martínez Sáez, Patricio  
Ponente: Sánchez Angulo, Pedro (España)
- 291 Tumor maligno en mano: Reto diagnóstico y terapéutico.  
Autor y coautores: Romero Muñoz, Luis María / Amillo Garayoa, Santiago / Pons De Villanueva, Juan / Lamo De Espinosa Vazquez De Sola, José María  
Ponente: Romero Muñoz, Luis María (España)
- 296 Estudio comparativo de los resultados del tratamiento quirúrgico y ortopédico de las fracturas de la extremidad distal del radio en mayores de 65 años.  
Autor y coautores: Beano Collado, Joaquín / García Bullon, Isabel / Márquez Ambite, Juan Carlos / Gimeno García-Andrade, María Dolores  
Ponente: Beano Collado, Joaquín (España)
- 392 Comparación de la calidad de vida percibida por los pacientes en lista de espera de Hallux valgus y gonartrosis.  
Autor y coautores: Sánchez Soler, Juan Francisco / Ginés Cespedosa, Alberto / Pidemunt Moli, Gemma / Leal Blanquet, Joan / Puig Verdi, Lluís / Cáceres Palou, Enric / Zabala Ferrer, Santiago  
Ponente: Sánchez Soler, Juan Francisco (España)
- 398 La osteotomía de la TTS no altera el trabajo concéntrico ni excéntrico de la rodilla con ATR.  
Autor y coautores: León Muñoz, Vicente / Martínez González-Moro, Ignacio  
Ponente: León Muñoz, Vicente (España)

16:00 - 17:00

- 402 **Gonartrosis en muñón de amputación.**  
Autor y coautores: Navarro Mont, Ramón / Colado Domínguez, Javier / Roselló Añón, Alejandro / Álvarez Llanes, Alejandro / Mult Oltra, Tomás / Cervelló López, Silvino  
Ponente: Navarro Mont, Ramón (España)
- 
- 518 **Metástasis musculares de Adenocarcinoma Renal. Presentación de tres casos.**  
Autor y coautores: Carpintero Benítez, Pedro / Carpintero Lluch, R. / Serrano Trenas, Ja / Serrano Lázaro, P. / Mozo Frutos, F.  
Ponente: Carpintero Lluch, R. (España)

16:30 - 18:30

Pie tobillo

- | COMUNIC. SECOT                                                             | HALLUX                                                                                                                                                                                                                                                                                                                                                                                         | SALA: N118 |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Moderador: Llanos, Luis Fernando (España) / Busquets, Rosa (España)</b> |                                                                                                                                                                                                                                                                                                                                                                                                |            |
| 89                                                                         | <b>Mini-tigth rope: complemento de la cirugía percutánea del antepie para el tratamiento del Hallux valgus severo.</b><br>Autor y coautores: Crespo González, Daniel / Juando Amores, Carlos / Espi Escriva, Francisco / Sanchis Amat, Raquel / Bru Pomer, Antonio<br>Ponente: Juando Amores, Carlos (España)                                                                                  |            |
| 90                                                                         | <b>Prótesis metatarso-falángica del Hallux.</b><br>Autor y coautores: Cuñé Sala, Jordi / Pons Diviu, Nuria / Poggio Cano, Dani / Asunción Márquez, Jordi<br>Ponente: Cuñé Sala, Jordi (España)                                                                                                                                                                                                 |            |
| 91                                                                         | <b>Evaluación de la extensión del Hallux tras el inflado del manguito de isquemia.</b><br>Autor y coautores: Romero Muñoz, Luis María / Alfonso Olmos, Matías / Villas Tomé, Carlos<br>Ponente: Romero Muñoz, Luis María (España)                                                                                                                                                              |            |
| 92                                                                         | <b>Resultados del tratamiento del neuroma de Morton mediante cirugía percutánea.</b><br>Autor y coautores: Bertó Martí, Xavier / Juando Amores, Carlos / Crespo González, Daniel / Espi Escriva, Francisco / Balaguer Andrés, Jaume / Estrems Díaz, Vicente / Bru Pomer, Antonio<br>Ponente: Bertó Martí, Xavier (España)                                                                      |            |
| 93                                                                         | <b>Nuestra experiencia en el tratamiento de las metatarsalgias tratadas mediante cirugía percutánea.</b><br>Autor y coautores: Juando Amores, Carlos / Espi Escriva, Francisco / Bertó Martí, Xavier / Crespo González, Daniel / Balaguer Andrés, Jaume / Bru Pomer, Antonio<br>Ponente: Juando Amores, Carlos (España)                                                                        |            |
| 94                                                                         | <b>Estudio retrospectivo descriptivo de la cirugía percutánea del primer radio aislado.</b><br>Autor y coautores: Casellas García, Gemma / Masferrer Del Pino, Ángel / Llauradó Poy, Marta / Cassart Masnou, Elisa / Roca Burniol, Jaume / Torrededía Del Río, Laura<br>Ponente: Casellas García, Gemma (España)                                                                               |            |
| 95                                                                         | <b>Rotura de placa plantar en 2ª articulación MTF: un avance diagnóstico y de orientación terapéutica.</b><br>Autor y coautores: Romero Muñoz, Luis María / Villas Tomé, Carlos / Alfonso Olmos, Matías<br>Ponente: Romero Muñoz, Luis María (España)                                                                                                                                          |            |
| 96                                                                         | <b>Tratamiento de la metatarsalgia central mediante osteotomía percutánea distal de los metatarsianos (DMMO).</b><br>Autor y coautores: Losa Palacios, Sergio / Martínez Cabezuelo, Jesús Amador / Gabaldon Martínez, Miguel / Pagés Ortiz, Luis / Fuster Acebal, Ricardo / Gallach Sanchis, David / Marcos Giménez, Pedro / Marínez Arnaiz, Javier<br>Ponente: Losa Palacios, Sergio (España) |            |
| 97                                                                         | <b>Cirugía percutánea del antepié. 8 años de experiencia.</b><br>Autor y coautores: Hernaiz Alzamora, Anna / Mínguez Benavente, José Ignacio<br>Ponente: Hernaiz Alzamora, Anna (España)                                                                                                                                                                                                       |            |
| 98                                                                         | <b>Resultados del tratamiento quirúrgico de los neuromas de Morton por vía plantar.</b><br>Autor y coautores: Guerra Vélez, Pedro / García Fernández, David / Cano Egea, Juan Miguel / García Rodríguez, Raúl / Gutiérrez Narvarte, Borja / Martín Fuentes, Ana<br>Ponente: Guerra Vélez, Pedro (España)                                                                                       |            |

17:00 - 18:30

Hombro codo

COMUNIC. SECOT	FRACTURAS Moderador: Bruguera, Juan (España) / Massons, Josep (España)	SALA: N117
80	<p>Tratamiento de las secuelas en fracturas del húmero proximal.                      Autor y coautores: Santana Pérez, Fernando / Chacón Cartaya, Sara / López Dominguis, Juan Miguel / Lozano, Carlos / Torrens Cánovas, Carlos / Cáceres Palou, Enric                      Ponente: Santana Pérez, Fernando (España)</p>	
81	<p>Fracturas de húmero proximal: resultados del tratamiento quirúrgico mediante placa Philos.                      Autor y coautores: Cabanes Ferrer, Isabel / Estrems Díaz, Vicente / Martorell Matoses, Salvador / Bru Pomer, Antonio                      Ponente: Cabanes Ferrer, Isabel (España)</p>	
82	<p>Estudio comparativo clínico-radiológico en el tratamiento quirúrgico de fracturas proximales de húmero: Bandas de tensión vs Placas bloqueadas.                      Autor y coautores: Manso Pérez-Cosío, Jesús / Pérez Nuñez, María Isabel / Hernández Elena, Jesús / Alfonso Fernández, Ana / Pascual Carra, María Ascensión / Fakkas Fernández, Michel / Pérez Aguilar, María Dolores / Rubio Lorenzo, Mónica                      Ponente: Manso Pérez-Cosío, Jesús (España)</p>	
83	<p>Fracturas complejas de húmero proximal: Estudio retrospectivo en 50 pacientes. ¿Qué hay de nuevo?                      Autor y coautores: Eraso Lara, Iñigo / Bravo Corzo, Flavio / Garbayo Marturet, Iñigo / Tejero Ibáñez, Alberto / Reparaz Pardós, Francisco Javier / Escribano Rey, Ricardo / Castaño A., Alejandro / García González, Susana                      Ponente: Eraso Lara, Iñigo (España)</p>	
84	<p>Complicaciones a corto plazo de las fracturas de extremidad proximal de húmero tratadas mediante placa Philos.                      Autor y coautores: Mediavilla Santos, Lydia / Igualada Blázquez, Cristina / Pérez Mañanes, Rubén / Muñoz Jiménez, Ángel / Aburto Bernardo, Mikel / Crego Vita, Diana / Chana Rodríguez, Francisco / Vaquero Martín, Javier                      Ponente: Mediavilla Santos, Lydia (España)</p>	
85	<p>Fracturas complejas de húmero proximal tratadas mediante hemiartroplastia.                      Autor y coautores: Moril Peñalver, Lorena / Bataller Alborch, José Luis / García Abad, Julián                      Ponente: Moril Peñalver, Lorena (España)</p>	
86	<p>Osteosíntesis con placa Philos en fracturas proximales de húmero.                      Autor y coautores: Prado Cabillas, María / Marín González, Antonio / Leclercq Gómez, Robert / Zorrilla Ribot, Pedro / Salido Valle, José Antonio                      Ponente: Prado Cabillas, María (España)</p>	
87	<p>Osteosíntesis de tercio proximal de humero mediante placa. Nuestra experiencia.                      Autor y coautores: Navarro Ortiz, Ramón / Aroca Cabezas, Alejandro / Martín Magaña, Luis / Paulos Dos Santos, Flavio / Martínez López, Francisco / García López, Antonio                      Ponente: Navarro Ortiz, Ramón (España)</p>	
88	<p>Fracturas de extremidad proximal de húmero: osteosíntesis con placa Philos.                      Autor y coautores: Ramos García, Sergio                      Ponente: Ramos García, Sergio (España)</p>	

08:30 - 11:00

SESIONES SECOT  
SECOT

ASAMBLEA SECOT

SALA: N101-102



11:00 - 13:00

SOCIEDAD

SEFEX - Sociedad Española de Fijación Externa

PRESENTACIÓN DE CASOS PROBLEMAS

SALA: N117

Organizador/Moderador: Ginebreda, Ignacio (España) / Salcedo, César (España)

Asamblea de la Sociedad



12:30 - 13:30

Cadera

COMUNIC. VARIOS

SALA: N118

SECOT

Moderador: Cachero, Diego (España) / Alvarez, Pedro (España)

99

Complicaciones en cirugía artroscópica de cadera.

Autor y coautores: Correa Vázquez, Eva / Vilchez, Félix / Erquicia, Juan / Bellotti, Vittorio / Tey, Marc

Ponente: Correa Vázquez, Eva (España)

100

Tratamiento de impingement femoroacetabular mediante abordaje mini-invasivo de Ribas. Resultados en 117 casos con un seguimiento mínimo de 3 años.

Autor y coautores: Correa Vázquez, Eva / Ledesma, Rubén / Cárdenas, Carlomagno / Ribas, Manuel / Vilarrubias, José María / Cáceres, Enrique

Ponente: Correa Vázquez, Eva (España)

101

Osteotomía periacetabular de Ganz: experiencia de 6 años.

Autor y coautores: Ribas Fernández, Manuel / Ledesma Esteban, Rubén / Cárdenas Nylander, Carlomagno / Marín Peña, Oliver / Monegal

Bachs, Alex / Bellotti Bellotti, Vittorio / Vilarrubias Guillamet, José / Cáceres Palou, Enric

Ponente: Ribas Fernández, Manuel (España)

102

Utilidad del ácido tranexámico para el ahorro de sangre en las artroplastias totales de cadera.

Autor y coautores: Robert Calvet, Ivan / Cots Pons, Marc / Puertolas Gutiérrez, Carlos / Escola Benet, Anna / Orovio De Elizaga, Francisco Javier

Ponente: Robert Calvet, Ivan (España)

103

Tratamiento de las infecciones protésicas de cadera mediante uso de espaciadores de cemento impregnados con gentamicina.

Autor y coautores: Gil González, Sergi / Marqués López, Fernando / Rigol Ramón, Pau / León García, Alfonso / Mestre Cortadellas, Carlos

Ponente: Gil González, Sergi (España)

13:00 - 14:30

SOCIEDAD

## SETRADE - Sociedad Española de Traumatología del Deporte



TENDÓN ROTULIANO Y DEPORTE

SALA: N117

**Organizador/Moderador: Rodríguez, Cristóbal (España) / Sánchez Marchori, Carlos (Spain) / Valentí, Joan Ramón (España)**

Definición y anatomía - fisiopatología y clasificación - métodos diagnóstico - tratamiento no quirúrgico - tratamiento quirúrgico - estado actual de las terapias de ayuda a la regeneración tisular

Ponente: Sánchez Monzo, Carlos (España)

Prevención

Ponente: Martínez Romero, José Luis (España)

Tenis

Ponente: Balias Matas, Ramón (España)

Voleibol

Ponente: Avila, Fernando (España)

Deportes de lucha

Ponente: Barra Pla, Amariel (España)

Balonmano

Ponente: Rodríguez, Ignacio Nebot Sanchis (España)

Fútbol

Ponente: Ardèvol Cuesta, Jordi (España)

Baloncesto

Ponente: Rodríguez, Cristóbal (España)

Atletismo

Ponente: Guillén, Pedro (España)

Comunicaciones y casos clínicos

13:30 - 14:30

### Cadera

COMUNIC. FRACTURAS  
SECOT

SALA: N118

**Moderador: Blanco, Agustín (España) / Zamora, Plácido (España)**

- 104 Estudio descriptivo retrospectivo de la fractura de cadera en un área de salud de la Comunidad Valenciana.  
Autor y coautores: Perea Tortosa, David / Aguirre Pastor, Alfredo / Hernández López, Javier / Rebate Nebot, Eva / Hernández Ros, Pedro / Saura Sánchez, Eladio  
Ponente: Perea Tortosa, David (España)
- 105 Prótesis bipolar vs hemiartroplastia de cadera en el tratamiento de las fracturas del cuello femoral en ancianos.  
Autor y coautores: Barrientos Ruiz, Irene / Gonzalo Plou, Rubén / De Las Heras Sotos, Jorge / Gil Garay, Enrique  
Ponente: Gonzalo Plou, Rubén (España)
- 106 Prótesis parcial de cadera no cementada en fracturas intracapsulares de cadera: Estudio prospectivo preliminar.  
Autor y coautores: García Rey, Eduardo / Valencia Mora, María / Encinas Ullán, Carlos Alberto / García Cimbrello, Eduardo  
Ponente: Valencia Mora, María (España)
- 107 Osteosíntesis de las fracturas intracapsulares de cuello femoral en pacientes menores de 55 años.  
Autor y coautores: Miralles Muñoz, Francisco / Serna Berna, Ricardo / González Parreño, Santiago  
Ponente: Serna Berna, Ricardo (España)
- 108 Evaluación de nuestros resultados en el tratamiento de las fracturas periprotésicas de fémur.  
Autor y coautores: Contreras Citores, Yolanda / Lamban Mascaray, Noemi / Hernández Fernández, Gonzalo / Muñoz Ortus, José María / Gutiérrez Castanedo, Gustavo / Mora Fernández, María Inmaculada / Blanco Pozo, Agustín / López- Moya Gómez, Manuel  
Ponente: Contreras Citores, Yolanda (España)
- 109 Fracturas femorales ipsilaterales tras artroplastia de cadera. Experiencia en nuestro centro.  
Autor y coautores: Merino Pérez, Josu / Palazuelos Blanco, Luis / Ibor Ureña, Iker / Rodríguez Palomo, José Manuel / Guerrero Molina, José Antonio / Vicinay Olabarria, José Ignacio  
Ponente: Palazuelos Blanco, Luis (España)

14:30 - 16:00

Hombro codo

COMUNIC. SECOT	VARIOS	SALA: N117
	Moderador: Peidró Garcés, Lluís (España) / De las Heras, Jorge (España)	
110	Tratamiento quirúrgico de las luxaciones acromioclaviculares mediante cirugía mínimamente invasiva. Descripción y resultados preliminares de una nueva técnica quirúrgica. Autor y coautores: Aburto Bernardo, Mikel / Muñoz Jiménez, Ángel / Mediavilla Santos, Lydia / Igualada Blázquez, Cristina / Vaquero Martín, Javier Ponente: Aburto Bernardo, Mikel (España)	
111	Luxación acromioclavicular grado III, tratamiento con placa gancho. Autor y coautores: Aranda Romero, Fernando / Sales Fernández, Rafael / Sánchez Rúas, Jaime Jorge / Moros Marco, Santos / Herrera Mera, Pablo / García Medina, Pablo / Del Cura Varas, Marisol Ponente: Aranda Romero, Fernando (España)	
112	Resultados de la cirugía artroscópica en pacientes con persistencia de inestabilidad anterior crónica glenohumeral tras cirugía abierta. Autor y coautores: Antón Mateo, Rodrigo / Fernández González, Julián / Galán Gómez-Obregón, María / Ponce Pico, Santiago Ponente: Antón Mateo, Rodrigo (España)	
113	Artroplastia invertida de hombro. Autor y coautores: Pina Medina, Agustín / Aroca Navarro, José Enrique / Burguet Girona, Sara / Puchol Castillo, Enrique Ponente: Pina Medina, Agustín (España)	
114	Análisis retrospectivo de la artroplastia invertida de hombro: experiencia y resultados. Autor y coautores: Martín Magaña, Luis / Aroca Cabezas, Alejandro / Navarro Ortiz, Ramón / Paulos Dos Santos, Flavio / Martínez López, Francisco / Sánchez Díaz, Carlos Ponente: Martín Magaña, Luis (España)	
115	Experiencia del Hospital Clínico San Carlos con la prótesis de resurficialización de hombro. Autor y coautores: Sáez Arenillas, Álvaro / Tejada Gallego, Javier / Urda Martínez-Aedo, Antonio Luis / García Fernández, Carlos / Marco Martínez, Fernando Ponente: Sáez Arenillas, Álvaro (España)	
116	Comparación de la reparación abierta de rupturas de cofia transversales y en forma de "U" mediante dos técnicas quirúrgicas: estudio funcional e isocinético. Autor y coautores: Rius Moreno, Javier / Armengol Barallat, Joan / Romero Pijoan, Eudald / Casanova Canals, Xavier / Portabella Blavia, Federico Ponente: Rius Moreno, Javier (España)	
117	Resultados clínicos de la reparación artroscópica de la lesión capsulolabral anterior en la inestabilidad anterior crónica glenohumeral. Autor y coautores: Fernández González, Julián / Ponce Pico, Santiago / Martínez Vélez, David / González Fernández, Enrique Ponente: Ponce Pico, Santiago (España)	

Cadera

COMUNIC. SECOT	ATC 2	SALA: N118
	Moderador: Sanz Hospital, Javier (España) / Navarro, Ricardo (España)	
118	Prótesis total de cadera con par de fricción alúmina-alúmina en la displasia de cadera. Autor y coautores: García Rey, Eduardo / Cruz Pardos, Ana / García Cimbrello, Eduardo / Ortega Chamarro, José Ponente: Cruz Pardos, Ana (España)	
119	Prótesis total de cadera con par de fricción metal-metal y cabeza femoral grande Resultados a corto plazo (1-3 años de seguimiento). Autor y coautores: Castellón Bernal, Pablo / Bartra Ylla, Agustín / Mateu Vicen, David / Salvador Sánchez, Josep / Christian Yela, Verdú / Salvador Carreño, Jordi / Cabré Serres, José Luis / Lozano Soldevilla, Bárbara Ponente: Castellón Bernal, Pablo (España)	
120	Navegación en prótesis de resurfacing: nuestra experiencia. Autor y coautores: Calvo De La Fuente, Ignacio / Plaza García, Santiago / Sumillera García, Manolo / Renedo García, Raúl / Casas Durkopf, Daniel Ponente: Calvo De La Fuente, Ignacio (España)	

14:30 - 16:00

- 121 Artroplastia de recubrimiento de cadera. Nuestra experiencia a los 5 años de seguimiento.  
Autor y coautores: Cañete Carril, Emilio / Fernández Prat, Manel / Olivé Vilas, Ramón / Bonilla López, Juan Carlos  
Ponente: Bonilla López, Juan Carlos (España)
- 
- 122 Análisis de la modificación biomecánica tras revisión del componente acetabular en prótesis totales de cadera.  
Autor y coautores: Olmedo García, Nuria / Sevilla Montllor, Alexandra / Botella Lloret, María / Cerrolaza Juristo, Nicolás  
Ponente: Olmedo García, Nuria (España)
- 
- 123 Cotilos de doble movilidad en artroplastia total de cadera.  
Autor y coautores: Sanchís Amat, Raquel / Hernández Ferrando, Lorenzo / Zarzuela Sánchez, Víctor / Martínez Velloso, David / Bertó Martí, Xavier  
Ponente: Sanchís Amat, Raquel (España)
- 
- 124 Artroplastia total de cadera con componente acetabular de metal poroso modular no cementado. Seguimiento a medio plazo.  
Autor y coautores: Bartolomé García, Sergio / Torrijos Garrido, Pedro José / Moreno Velasco, Aurelio / Jiménez Cristóbal, Javier / Zurrón Lobato, Miriam / Ortega Briones, Alina / Zorzo Godes, Carlos / Guijarro Valtueta, Ainhoa  
Ponente: Bartolomé García, Sergio (España)
- 
- 125 Evaluación de los cotilos de tantalio poroso en las prótesis de revisión.  
Autor y coautores: Escudero Marcos, Roberto / Sánchez Hernández, Natalia / Tavares Sánchez-Monge, Fernando / García García, Javier Minaya / Alonso García, Noelia / Cebrián Rodríguez, Elisa / Nistal Rodríguez, Javier / García Alonso, Manuel Francisco  
Ponente: Escudero Marcos, Roberto (España)
- 
- 126 Anillo de reconstrucción pélvico en revisiones de cotilo complejas: nuestra experiencia.  
Autor y coautores: Calvo De La Fuente, Ignacio / Plaza García, Santiago / Busta Vallina, Begoña / Garcés Zarzalejo, Carlos  
Ponente: Calvo De La Fuente, Ignacio (España)

16:30 - 17:30

GRUPO DE ESTUDIO

**GEC - Grupo de Estudio del Cartílago**

GRUPO DE ESTUDIO DEL CARTÍLAGO

SALA: N117

Organizador/Moderador: Ríos Luna, Antonio (España) / Pérez Caballer, Antonio (Spain) / Ríos Luna, Antonio (España)

Trabajos Becas Hyalgan 2009  
Ponente: García Rodríguez, Diego (España)

Trabajos Becas Hyalgan 2009  
Ponente: Ramos Pascua, Luis (España)

Lesiones condrales en Miembro superior. ¿ Un problema mayor para el paciente o para el médico?  
Ponente: Delgado, Pedro J. (España)

¿Es la lesión osteocondral de radio distal un camino sin retorno a la artrodesis?  
Ponente: del Piñal, Francisco (España)

Lo que siempre quiso saber y nunca se atrevió a preguntar sobre las lesiones condrales de la patela  
Ponente: Guillén, Pedro (España)

El cartílago en el paciente pediátrico. Nuestra práctica diaria  
Ponente: Bonsfills, (España)

Nuevos tratamientos locales para la artrosis. El futuro ya está aquí  
Ponente: García Esteo, (España)

Droglican. ¿Una asociación perfecta?  
Ponente: Vergés, (España)

Discusión

16:30 - 17:30

GRUPO DE ESTUDIO

## GRETAL - Grupo de Estudio de Tumores del Aparato Locomotor

COMPLICACIONES EN EL MANEJO DE LOS TUMORES ÓSEOS

SALA: N118

**Organizador/Moderador: Braña, Alejandro (España)**

Errores diagnósticos

Ponente: Alcalá-Santaella, Rafael (España)

Errores y complicaciones de la biopsia

Ponente: Majó, Joan (España)

Complicaciones intraoperatorias

Ponente: Sánchez del Campo, Ignacio (España)

Complicaciones postoperatorias

Ponente: Bauxauli, Francisco (España)

Recidivas

Ponente: Pérez, Manuel (España)

Complicaciones de los aloinjertos óseos

Ponente: Ortiz, Eduardo (España)

Complicaciones de las prótesis de reconstrucción

Ponente: San Julián, Mikel (España)

Discusión

16:30 - 18:30

GRUPO DE ESTUDIO

## Grupo de Ayuda a proyectos de cooperación

SYMPOSIUM DE COOPERACIÓN CON PAÍSES DE MENORES RECURSOS EN ORTOPEDIA

SALA: N101-102

**Organizador/Moderador: Gil Garay, Enrique (España) / García Benítez, Boris (Spain) / Moreno Zuriarrain, E. (España)**

Presentación

Ponente: Gil Garay, Enrique (España)

Proyecto docente y asistencial en Rep. del Congo

Ponente: Villas, Carlos (España)

Experiencia docente en COT en países de menores recursos

Ponente: Miralles, Rodrigo (España)

Proyecto OASIS

Ponente: Sanz, Javier (España)

Ortopedia Infantil y reconstructiva en lepra en Etiopía

Ponente: Lorente, José (España)

Nuestra experiencia quirúrgica en Anantapur

Ponente: Lorenzo, Luis (España)

Resultados de la revisión de pies zambos tratados en Anantapur

Ponente: Manubens, Xavier (España)

Programa de tratamiento de la osteomielitis en Anantapur

Ponente: Tibau, R. (España)

Experiencia en Madagascar

Ponente: De la Rúa, Julio R. (España)

Experiencia en catástrofes y sus secuelas

Ponente: Angora, Ricardo (España)

La cooperación médica desde la Unión Europea

Ponente: Garay, Juan (España)

Coloquio

Reunión administrativa del grupo de ayuda a proyectos de cooperación

17:30 - 18:30

Cartílago

COMUNIC. SECOT	CARTÍLAGO	SALA: N117
	Moderador: Ríos Luna, Antonio (España) / Pérez Caballer, Antonio (España)	
127	Autoinjerto osteocondral para las lesiones condrales de la rodilla: seguimiento a medio plazo. Autor y coautores: Reverté Vinaixa, M. / Casaccia Destéfano, Marcelo / Stitzman Wengrowicz, Melisa / Román Verdasco, Jorge / Díaz Ferreiro, Eugenio / Domínguez Oronoz, Rosa / Joshi Jubert, Nayana / Nardi Vilardaga, Joan Ponente: Reverté Vinaixa, M. (España)	
128	Tratamiento de las lesiones del cartilago articular de la rodilla usando una tecnica AMIC modificada. Autor y coautores: Pascarella , Antonio / Pascarella Pascarella, Fabio / Di Salvaqtore Di Salvatore, Mariano Giuseppe / Latte Latte, Carmine / Parente Parente, Giuseppe Ponente: Pascarella Pascarella, Fabio (Italy)	
129	Transplante autólogo de condrocitos, según técnica MACI, en lesiones condrales de astrágalo. Autor y coautores: Muñoz Marín, Javier / Benedi Alcaine, José Antonio / Martínez Delgado, Fernando / Bejarano Lasunción, Carlos / Rebollo González, Sarai / Roche Albero, Adrián / Ripalda Marín, Jorge / Herrera Rodríguez, Antonio Ponente: Muñoz Marín, Javier (España)	
130	Resultado funcional del transplante autólogo de condrocitos con técnica MACI, en lesiones condrales de rodilla. Autor y coautores: Bejarano Lasunción, Carlos / Benedi Alcaine, José Antonio / Iglesias Aparicio, Daniel / Rebollo González, Sarai / Muñoz Marín, Javier / Aldabas Soriano, Silvia / Aguilar Ezquerra, Andrés / Herrera Rodríguez, Antonio Ponente: Bejarano Lasunción, Carlos (España)	
131	Lesiones condrales y osteocondrales del astrágalo. Nuestra experiencia con el implante de matriz condrocitos autólogos vía artroscópica. Autor y coautores: Gil Monzó, Eva Remedios / Pérez Correa, José Ignacio / López Valenciano, Javier / Nebot Sanchis, Luis Ignacio Ponente: Gil Monzó, Eva Remedios (España)	

Tumores

COMUNIC. SECOT	VARIOS	SALA: N118
	Moderador: Portabella Blavía, Federico (España) / Ramos Pascua, Luis (España)	
132	Aplicación de la Ecobiopsia en el diagnóstico de los tumores del aparato locomotor. Autor y coautores: Sierra Oliva, Judit / Vélez Villa, Roberto / Rivas R., Antonio / Pérez Domínguez, Manuel / Huguet H., Pere / Gil Rodríguez, Emilia / Nardi Vilardaga, Joan Ponente: Sierra Oliva, Judit (España)	
133	Tratamiento del osteoma osteoide con trefina percutanea guiada por TC. Autor y coautores: Álvarez Ferre, Sonia / Vélez Villa, Roberto / Rivas García, Antoni / Pérez Domínguez, Manolo Ponente: Álvarez Ferre, Sonia (España)	
134	Reconstrucción con aloinjerto oseos intercalares tras resección tumoral oseas. Autor y coautores: Fernández Bautista, Alejandro / Pérez Zumaquero, Manuel / Vélez Villa, Roberto / Nardi Vilardaga, Joan Ponente: Fernández Bautista, Alejandro (España)	
135	Resultados impredecibles en osteosarcoma yuxtacortical. Autor y coautores: Encinas Ullán, Carlos Alberto / Barrientos Ruiz, Irene / Valencia Mora, María / Ortiz Cruz, Eduardo Ponente: Encinas Ullán, Carlos Alberto (España)	
136	Tumor maligno de plexo braquial. Nuestra experiencia diagnóstica y terapéutica. Autor y coautores: Romero Muñoz, Luis María / Amillo Garayoa, Santiago / Martín Algarra, Salvador Ponente: Romero Muñoz, Luis María (España)	
137	Casística tumores óseos del pie en el Hospital "12 de octubre". Autor y coautores: Lara Rubio, Aurelia / Gutiérrez Narvarte, Francisco De Borja / Díez Berrio, Lorena / García Fernández, David / Álvarez Sainz-Ezquerra, Jesús / Llanos Alcázar, Luis Fernando Ponente: Lara Rubio, Aurelia (España)	

08:30 - 09:30

Dolor

COMUNIC. SECOT	DOLOR	SALA: N117
	<b>Moderador: Oteo Alvaro, Angel (España) / de Frías Gonzalez, Mariano (España)</b>	
138	Análisis descriptivo de los niveles de dolor postoperatorio tras cirugía de artroscópica de inestabilidad antero inferior de hombro. Autor y coautores: Ruiz Ibán, Miguel Angel / Díaz Heredia, Jorge / Del Olmo Hernández, Teresa / González Lizán, Fausto / Del Cura Varas, María Soledad / Moros Marco, Santos Ponente: Ruiz Ibán, Miguel Angel (España)	
139	Análisis descriptivo de los niveles de dolor postoperatorio tras cirugía artroscópica del espacio subacromial y de los factores que afectan a estos niveles. Un estudio descriptivo del dolor en los ocho primeros días tras la cirugía. Autor y coautores: Díaz Heredia, Jorge / Ruiz Iban, Miguel Angel / Del Olmo Hernández, Teresa / González Lizán, Fausto / Del Cura Vargas, María Del Sol / Moros Marco, Santos Ponente: Díaz Heredia, Jorge (España)	
140	Necesidad analgésica pre y postoperatoria en pacientes sometidos a artrodesis lumbar. Autor y coautores: Pascual Del Hoyo, Silvia / Oteo Maldonado, José Antonio / Moreno Martínez, Jesús / Ballesteros Massó, Rafael / García Lázaro, Francisco Javier / López Orosa, Carlos / Benavente Rodríguez, Pablo Ponente: Pascual Del Hoyo, Silvia (España)	
141	Aplicación de plasma autólogo rico en factores de crecimiento en patología tendinosa y degenerativa articular. Autor y coautores: Contreras Citores, Yolanda / Gutiérrez Castanedo, Gustavo / Lambán Mascaray, Noemí / Perales Ruiz, Manuel / García Güemes, Francisco / De Propios Sáez, César / Blanco Pozo, Agustín Ponente: Contreras Citores, Yolanda (España)	
142	Análisis descriptivo de los niveles de dolor postoperatorio tras cirugía de reconstrucción del ligamento cruzado anterior. Autor y coautores: Ruiz Ibán, Miguel Angel / Del Olmo Hernández, Teresa / Díaz Heredia, Jorge / Moros Marco, Santos / González Lizán, Fausto / Del Cura Varas, María Soledad Ponente: Ruiz Ibán, Miguel Angel (España)	

08:30 - 10:00

Cadera

COMUNIC. SECOT	ATC 3	SALA: N118
	<b>Moderador: Vicente, Pascual (España) / Murcia, Antonio (España)</b>	
143	Artroscopia en prótesis de cadera. Autor y coautores: Cuellar Gutiérrez, Ricardo / Aguinaga Badiola, Joseba Ignacio / Usabiaga Zarranz, Jaime Ponente: Cuellar Gutiérrez, Ricardo (España)	
144	Lesiones de contenido líquido en artroplastia total de cadera. Estudio con resonancia magnética. Autor y coautores: Suárez Vázquez, Abelardo / Hernández Vaquero, Daniel / López Díaz, María Valle / García García, Jesús / Pérez Coto, Iván / Noriega Fernández, Alfonso Ponente: Suárez Vázquez, Abelardo (España)	
145	Nuestra experiencia con vástagos modulares en revisión de cadera. Autor y coautores: Mora Fernández, María Inmaculada / Gutiérrez Castanedo, Gustavo / Blanco Pozo, Agustín / Hernández Fernández, Gonzalo / Muñoz Ortus, José María / Aboli Martínez, Lucía Ponente: Mora Fernández, María Inmaculada (España)	
147	Cotilos constreñidos en pacientes con inestabilidad y luxaciones recidivantes de cadera. Autor y coautores: Vallejo Romero, Gerardo / Bartra Ylla, Agustí / Cabre Serres, Josep Lluís / Salvador Sánchez, Josep / Ferrer Escobar, Humbert	
148	Complicaciones precoces en artroplastia total de cadera en centro público vs centro concertado. Estudio comparativo. Autor y coautores: Carrasco Peinado, María Cristina / Vicario Espinosa, Carlos / Marín Guerrero, Ana Cecilia / Puerto Vázquez, María Gaudiosa / Jiménez Pina, Irene / Ojeda Díaz, Javier Ponente: Carrasco Peinado, María Cristina (España)	
149	Recambio acetabular según técnica de Slooff en el Hospital General de Albacete. Autor y coautores: Ros Ample, Teresa / González Brasero, Juan Carlos / Torres Lozano, Pedro / Gabaldón Martínez, Miguel / Arribas Garde, Enrique / Nájera López, Alberto Ponente: Ros Ample, Teresa (España)	

08:30 - 10:00

- 150 Análisis de los factores asociados a la mejoría del estado de salud tras la intervención de prótesis total de cadera .  
Autor y coautores: Alfonso Venzalá, Inmaculada / Ruiz Arranz, José Luis / Álvarez Fuentes, Ana  
Ponente: Alfonso Venzalá, Inmaculada (España)

09:30 - 11:30

GRUPO DE ESTUDIO

**GEDOS - Grupo de Estudio del Dolor en el Aparato Locomotor**

MEDICINA BASADA EN LA EVIDENCIA EN EL TRATAMIENTO DEL DOLOR

SALA: N117

Organizador/Moderador: Oteo Alvaro, Angel (España) / Ruiz Iván, Miguel Angel (Spain) /  
Oteo Alvaro, Angel (España)

Introducción

Ponente: Oteo Alvaro, Angel (España)

MBE en manejo de dolor lumbar

Ponente: Ruiz Iván, Miguel Angel (España)

MBE en manejo de dolor en artrosis de cadera y rodilla

Ponente: Hernández Herrero, Marta (España)

MBE en manejo de dolor de hombro

Ponente: Díaz Heredia, Jorge (España)

MBE en manejo de Dolor agudo traumático

Ponente: Santillana, Javier (España)

MBE en manejo de dolor cervical

Ponente: Villanueva, Manuel (España)

MBE en manejo de dolor postoperatorio

Ponente: Lozano Moreno, Francisco José (España)

Reunión del grupo

10:00 - 11:30

Hombro codo

COMUNIC.  
SECOT

CODO

SALA: N118

Moderador: Yunta, Alejandro (España) / Baeza, José (España)

- 151 Artroplastia en las fracturas de cabeza radial.  
Autor y coautores: Sánchez Rúas, Jaime Jorge / Gandía Correa, Antonio / Aranda Romero, Fernando  
Ponente: Sánchez Rúas, Jaime Jorge (España)
- 152 Resultados de 14 prótesis de cabeza radial Mopyc. Estudio retrospectivo.  
Autor y coautores: Antón García, Silvia / Ramos García, Sergio / Corominas Francés, Laura / Pena Vázquez, Javier / Paz Aparicio, José / Braña Vígil, Alejandro  
Ponente: Antón García, Silvia (España)
- 153 Controversias en el tratamiento de las fracturas de cabeza de radio.  
Autor y coautores: Ventura Carro, Laura / Torrent Gómez, Josep / Matamala Pérez, Alfredo / Bartra Ylla, Agustí / Torres Romanya, Ramón  
Ponente: Ventura Carro, Laura (España)
- 154 Fracturas conminutas de cabeza radial. Tratamiento mediante resección y prótesis.  
Autor y coautores: Cecilia López, David / Suárez Arias, Laura / Auñón Martín, Ismael / Porras Moreno, Miguel / Díaz Martín, Andrés / Jara Sánchez, Fernando / Resines Erasun, Carlos  
Ponente: Cecilia López, David (España)
- 155 Manejo quirúrgico de la contractura postraumática de codo.  
Autor y coautores: Villanueva-López, Fernando / Zampiakos, Emmanolis / Thoma, Sosa / Korpapakis, Ioanis / Psychoyios, Vassilis Nicholas  
Ponente: Villanueva-López, Fernando (España)

10:00 - 11:30

156	Resultados del tratamiento de la variante posterior de la lesión de Monteggia. Autor y coautores: Villanueva-López, Fernando / Zampiakis, Emmanolis / Thoma, Sosia / Stathakopoulos, Ioanis / Psychoyios, Vassilis Nicholas Ponente: Villanueva-López, Fernando (España)
157	Rotura del tendón del bíceps distal. Autor y coautores: Sánchez Rúas, Jaime Jorge / Gandía Correa, Antonio / Aranda Romero, Fernando Ponente: Sánchez Rúas, Jaime Jorge (España)
158	Tratamiento con doble placa de las fracturas supracondíleas de codo en ancianos. Autor y coautores: Blanco Díaz, David / Zafra Jiménez, José Alberto / Suárez Arias, Laura / García-Rayó Rodríguez-Barbero, Manuel Ramón / Resines Erason, Carlos Ponente: Blanco Díaz, David (España)
159	Artroplastias totales de codo. Experiencia en el HCUV. Autor y coautores: Simon Pérez, Clarisa / Rodríguez Mateos, José Ignacio / Del Canto Iglesias, Francisco / Martín Ferrero, Miguel Angel Ponente: Simon Pérez, Clarisa (España)
160	Artroplastia total de codo. Nuestra experiencia. Autor y coautores: Justo Astorgano, Cristina / Gómez Santos, Helena / Ortega Ortega, Miguel / Moros Marco, Santos / Del Cura Varas, María Soledad / Jiménez García, Daniel Ponente: Justo Astorgano, Cristina (España)

12:00 - 13:30

GRUPO DE ESTUDIO

**GEPSAL - Grupo de Estudio de Patología Séptica del Aparato Locomotor**

**INFECCIONES DE LA COLUMNA VERTEBRAL**

SALA: N117

**Organizador/Moderador: García Ramiro, Sebastián (España) / Cervelló, Silvino (España) / Cordero Ampuero, José (España)**

Diagnóstico radiológico

Ponente: Gómez de León, Nieves (España)

Diagnóstico microbiológico y tratamiento médico

Ponente: Soriano, Alejandro (España)

Tratamiento quirúrgico

Ponente: Ubierna, Maite (España)

Discusión

Asamblea del GEPSAL

SOCIEDAD

**AO Trauma - Asociación para el estudio de la Osteosíntesis**  **AOTRAUMA**

**OSTEOSÍNTESIS DE LA MANO Y MUÑECA**

SALA: N118

**Organizador/Moderador: González del Pino, Villanueva (España) / Girós, Joan (Spain)**

Mano - Compact Hand: Fracturas de falanges y secuelas

Ponente: Ferreira Villanova, Javier (España)

Mano - Compact Hand: Fracturas de metacarpianos y secuelas

Ponente: De Torres Urrea, Javier (España)

Radio distal: Fracturas de radio distal: Placa TCP

Ponente: Mir Bullo, Xavier (España)

Radio distal: osteotomías postfractura

Ponente: González del Pino Villanueva, Juan (España)

Escafoides: Tornillo canulado sin cabeza (HCS). Fracturas y pseudoartrosis

Ponente: Lluch, Alex (España)

Artrodesis parcial de muñeca: osteosíntesis atornillada

Ponente: López Graña, Gabriel (España)

12:00 - 13:30

Artrodesis total de muñeca: placa específica  
Ponente: Cuadros Romero, Miguel (España)

Nuevos desarrollos AO  
Ponente: González del Pino Villanueva, Juan (España)

13:30 - 14:30

Traumatología

COMUNIC. TRAUMA SALA: N118

SECOT Moderador: Collado, Fernando (España) / Muñoz Vives, José María (España)

- 171 La opinión de 140 traumatólogos sobre el manejo de las fracturas abiertas.  
Autor y coautores: Muñoz Vives, Josep María / Caba Doussoux, Pedro / Martí Garín, David  
Ponente: Caba Doussoux, Pedro (España)
- 172 Enclavado endomedular con el implante Gamma 3 Largo en pacientes con fracturas proximales de fémur.  
Autor y coautores: Ros Munné, Vanessa / Carreras Castañer, Anna / García Casas, Óscar / Esteban Navarro, Pedro Luis  
Ponente: Ros Munné, Vanessa (España)
- 173 Tratamiento de fracturas de radio distal mediante placas volares bloqueadas.  
Autor y coautores: Barrientos Ruiz, Irene / Encinas Ullán, Carlos Alberto / Fernández Fernández, Ricardo / Rubio Suárez, Juan Carlos  
Ponente: Barrientos Ruiz, Irene (España)
- 174 Fracturas diafisarias de tibia. Estudio retrospectivo.  
Autor y coautores: Teruel Collazos, José Luis / Varo Rodríguez, José Ignacio / García Mota, María Dolores / Barco Berzosa, Ángel Cristo / Zazo Espinosa, María / González Alconada, Roberto / Quieruga Dios, José Antonio  
Ponente: Teruel Collazos, José Luis (España)
- 175 ¿La prevención secundaria puede reducir el número de fracturas de cadera?  
Autor y coautores: Maquieira Canosa, Carmen / Mateos Pérez, María Dolores / Mesa Ramos, Francisco / Mesa Ramos, Manuel  
Ponente: Maquieira Canosa, Carmen (España)

13:30 - 15:30

Rodilla

COMUNIC. ATR 2 SALA: N117

SECOT Moderador: Castellet, Enric (España) / Leyes, Manuel (España)

- 161 Artroplastia total de rodilla cementada primaria tipo Endo-model rotacional. Complicaciones y resultados clínicos y funcionales.  
Autor y coautores: López Pérez, Vicente José / Lozano Lizarraga, Luis / Torner Pifarré, Pere / Castillo García, Félix / Segur Vilalta, José María / Maculé Beneyto, Francisco / Suso Vergara, Santiago  
Ponente: López Pérez, Vicente José (España)
- 162 Recuperación funcional global y movilidad de PTR de plataforma rotatoria frente a PTR de plataforma fija.  
Autor y coautores: Álvarez Fuentes, Ana Isabel / Ruiz Arranz, José Luis / Gámez Moreno, Davinia  
Ponente: Álvarez Fuentes, Ana Isabel (España)
- 163 Artroplastia total de rodilla en pacientes intervenidos previamente de osteotomía valgizante proximal de sustracción externa de tibia.  
Autor y coautores: Garrucho Vicente, Manuel / Guillén Álvaro, José Antonio / Álvarez Pinyol, Gemma / Toro Aguilera, Álvaro / Mitjans Cubells, Montse / Cruz Olive, Enric / Yunta Gallo, Alejandro  
Ponente: Garrucho Vicente, Manuel (España)
- 164 Artroplastia unicompartmental de rodilla-20 años de experiencia.  
Autor y coautores: Gaggiotti Pierini, Gabriel  
Ponente: Gaggiotti Pierini, Gabriel (España)
- 165 El recambio en la artroplastia total de rodilla: revision de 100 casos.  
Autor y coautores: Bailez Arias, Alberto / Lozano Soldevilla, Bárbara / Mateu Vicent, David / Sabatés Mallorques, Santiago / Torres Romana, Ramon  
Ponente: Bailez Arias, Alberto (España)

13:30 - 15:30

166	Revisión de prótesis total de rodilla con aloinjerto osteoarticular. Autor y coautores: López Hualda, Álvaro / Martínez Martín, Javier / Ruiz Zafra, Jorge / Santana Ramírez, Samuel / Prieto Martínez, Juan Ramón / Egea Gámez, Rosa Ponente: López Hualda, Álvaro (España)
167	Situaciones límite en cirugía de revisión de rodilla. Autor y coautores: Fernández Ansorena, Ana / Camprodón Alberca, Andrés / Montaner Barceló, Francisco De Asis / Grandio Abad, Luis / Gual Moncadas, Enrique / Rubi Jaume, Miguel Ponente: Fernández Ansorena, Ana (España)
168	Retirada de isquemia y hemostasia antes del cierre de la herida quirúrgica en la Prótesis Total de Rodilla (PTR). ¿Reduce las pérdidas hemáticas? Autor y coautores: Fernández Lopesino, María Mar / Fajardo Romero, Jonh Freddy / Santacruz Arévalo, Alejandro / Barriga Martín, Andrés / Calero García, Susana / Díaz Domínguez, Elena Ponente: Fernández Lopesino, María Mar (España)
169	Disminución del sangrado en artroplastia total de rodilla mediante el ácido tranexámico. Autor y coautores: Garabito Cociña, Agustín / Ortega M., M. / Agüera M., M. / Varas J., J. / Pérez H., H. Ponente: Garabito Cociña, Agustín (España)
170	Evaluación de la pérdida hemática y de la correcta indicación de transfusión sanguínea tras prótesis primaria de rodilla. Autor y coautores: Sánchez González, Antonio / Hernández Hermoso, José Antonio / Ramoneda Salas, Joan / Bonilla López, Juan Carlos Ponente: Sánchez González, Antonio (España)

14:30 - 15:30

Miscelánea

COMUNIC. SECOT	MISCELÁNEA Moderador: Albareda, Jorge (España)	SALA: N118
176	Transfusión en cirugía ortopédica y traumatología. ¿Indicamos correctamente? Autor y coautores: Vilà Canet, Gemma / Alier Fabregó, Albert / Martínez Díaz, Santos / Pelfort López, Xavi / Cáceres Palou, Enric Ponente: Vilà Canet, Gemma (España)	
177	Revisión bibliográfica sobre técnicas de reparación de nervios periféricos. Nuevos biomateriales: los conductos nerviosos. Autor y coautores: Muñoz Marín, Javier / Gil Albaroba, Jorge / Rebollo González, Sarai / Bejarano Lasunción, Carlos / Carbonel Bueno, Ignacio / Iglesias Aparicio, Daniel / Aldabas Soriano, Silvia / Aguilar Ezquerro, Andrés Ponente: Muñoz Marín, Javier (España)	
178	Complicaciones en inyecciones de alta presión del miembro superior. Autor y coautores: García López, José Ignacio / Moya-Angeler Pérez-Mateos, Joaquín José / Rodríguez Vaquero, Gia / Sánchez Del Cura Sánchez, Pablo / Sánchez Hidalgo, Ricardo / Martínez De Albornoz Torrente, Pilar / Delgado Serrano, Pedro José / García De Lucas, Fernando Ponente: García López, José Ignacio (España)	
179	Sustitutivos óseos en el tratamiento de grandes defectos óseos: experiencia en nuestro servicio. Autor y coautores: Gómez San Martín, María Esther / Ramos García, Segio / Antón García, Silvia / García Prado, Pedro / Domínguez Domínguez, Félix / Braña Vígil, Alejandro Ponente: Gómez San Martín, María Esther (España)	
180	Injerto óseo autólogo de peroné vascularizado. Autor y coautores: Ruiz Pérez, Juan Sebastián / Encinas Ullán, Carlos Alberto / Lovic Jazbek, Aleksander / Ortiz Cruz, Eduardo / Martínez Méndez, José Ramón Ponente: Ruiz Pérez, Juan Sebastián (España)	
181	Revisión microbiológica de infección de artroplastias durante 10 años en el Hospital de Mataró. Autor y coautores: Font Bilbeny, Mercè / Tibau Oliván, Rafael / Sánchez González, José / Malagelada Romans, Francesc / Jiménez Obach, Albert / Auleda Galbany, Jaume Ponente: Font Bilbeny, Mercè (España)	

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## Upcoming European Orthopaedic Events 2010 – Spring 2011



### JUNE 2010

9-12 June	ESSKA	14th ESSKA Congress	Oslo, Norway
16-17 June	HOA / MOT	8th Central European Orthopaedic Congress	Pécs, Hungary
16-19 June	HOA / MOT	Joint National Congress of Hungarian Orthopaedic Association & Hungarian Association of Trauma Surgery	Pécs, Hungary
30 June - 2 July	SGOT-SSOT	70th Annual Congress of SGOT-SSOT	St. Gallen, Switzerland

### AUGUST 2010

28 August	SGOT-SSOT	CME-Day SGOT-SSOT	Bern, Switzerland
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### SEPTEMBER 2010

2-4 September	EFAS	8th European Foot and Ankle Society Congress	Geneva, Switzerland
9-11 September	AGA	AGA Congress 2010 - 27th Congress of the German Speaking Association of Arthroscopy (incl. BVASK)	Vienna, Austria
9-11 September	EHS	9th Domestic meeting	Athens, Greece
15-18 September	PTOITR	XXXVIII Congress of the Polish Orthopaedic and Trauma Society	Warsaw, Poland
26-29 September	ICRS	9th ICRS World Congress	Barcelona, Spain

### OCTOBER 2010

1-3 October	CAOST	21st Pancyprian Orthopaedic Conference	Nicosia, Cyprus
6-10 October	BOTA	11th Congress of BOTA	Varna, Bulgaria
13-15 October	EPOS	Basic Course in Children's Orthopaedics	Vienna, Austria
13-16 October	H.A.O.S.T	66th - Hellenic Association of orthopaedic surgery and traumatology congress	Athens, Greece
15 October	SECOT	75th SECOT Anniversary	Madrid, Spain

### NOVEMBER 2010

8-12 November	SOFCOT	85th SOFCOT Congress	Paris, France
20-24 November	SIOT	95° Congresso Nazionale S.I.O.T.	Rome, Italy
27 November	SORBCOT	Instructional Course: Articular fractures of the lower limb	Liège, Belgium

### DECEMBER 2010

1-2 December	ISLASS	Rome Spine 2010, fifth edition	Rome, Italy
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### APRIL 2011

5 April	EPOS	Advanced course in Children's Orthopaedics, Cerebral Palsy	Basel, Switzerland
6-9 April	EPOS	30th Annual Meeting	Basel, Switzerland
15-16 April	EFAS	13th European Foot and Ankle Society Instructional Course	Vilnius, Lithuania
27-30 April	ESTES	12th European Congress of Trauma & Emergency Surgery	Milan, Italy

### MAY 2011

12-14 May	BOTA	3rd International Meeting on revision total knee arthroplasty	Varna, Bulgaria
20 May	CTS	50th Anniversary of the Croatian Trauma Society and 63rd Anniversary of the University Hospital of Traumatology Zagreb	Zagreb, Croatia

