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FRIDAY, MAY 11, 2007

SATURDAY, MAY 12, 2007

SUNDAY, MAY 13, 2007

MONDAY, MAY 14, 2007

TUESDAY, MAY 15, 2007

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MESSAGE FROM THE PRESIDENT OF EFORT



Wolfhart Puhl
President of EFORT

Dear colleague,

Since its 1st Congress in Paris in 1993, the EFORT organization has greatly increased. The large number of abstracts submitted for this year's 8th EFORT Congress in Florence and the estimated number of 8,000 to 10,000 participants clearly demonstrate that our meeting offers a unique and much appreciated opportunity for European orthopaedic and trauma surgeons to interact with peers.

Embedded into a grand Opening Ceremony & Reception on Friday, May 11 and a Closing & Awards Ceremony on Tuesday, May 15, we will be able to present the orthopaedic community a highly stimulating scientific program. The various symposia and cross-fire sessions will cover all aspects of contemporary orthopaedics and traumatology, and also offer an outlook on the future.

Apart from the outstanding scientific program of the EFORT Congress, Florence is an attraction all on its own. This venerable city boasts an estimated 30 % of the world's most important artwork, churches and cultural treasures.

Thus, we are convinced that the 8th EFORT Congress will not only satisfy your appetite for intellectual stimulation but also for cultural education.

On behalf of EFORT, and also personally, I would like to express my heartfelt thanks to the Chairman of the Organizing Committee, Prof. Franco Postacchini, and the colleagues of the Local Organizing Committee, the Scientific Committee for the superb job they did, the Congress Organizer OIC (and its entire staff) as well as the staff at EFORT headquarters in Zurich for their hard work and devotion.

What a pleasure to see you here in Florence!

A handwritten signature in black ink, appearing to read 'Puhl', written in a cursive style.

Wolfhart Puhl
President of EFORT

MESSAGE FROM THE CHAIRMAN OF THE LOCAL ORGANISING COMMITTEE



Franco Postacchini
Chairman of the Local Organising Committee

Dear colleagues,

It is with great pride that the Italian Society of Orthopaedics and Traumatology (SIOT) hosts the 8th EFORT Congress at the "Fortezza da Basso" in Florence, Italy.

The Executive, Scientific and Local Organising Committees as well as the staff at EFORT Central Office have made every effort to set up a scientific programme meant to be comprehensive and attractive to young and senior orthopaedic surgeons alike. I gladly take the opportunity to thank all the people who have contributed with their dedication and hard work to make a success of this event.

The social programme aims to be as appealing as possible for both delegates and accompanying persons. Large spaces are available for exhibition of new or already well-known biomedical products, and numerous industry workshops have been organized. It goes without saying that for the quality level and liveliness of the Congress we rely on the highly motivated speakers and moderators of the Symposia, Cross-Fire sessions, Instructional Course Lectures and Free Paper sessions, and the presenters of the innumerable Posters.

However, the success of the Congress will essentially depend on the active participation in the scientific work of the many thousands of orthopaedic surgeons who have decided to attend. The scientific stimulation and exchange, the cultural setting and the various opportunities to socialize with peers will certainly make this Congress an unforgettable experience from the scientific, cultural and social point of view.

Finally, allow me to add what may sound an obvious thing to say, but do not miss the opportunity to visit Florence with its invaluable artistic heritage, and enjoy the Italian cuisine!

Come to Florence, and you will have the greatest of times!

A handwritten signature in black ink that reads "F. Postacchini". The signature is stylized and cursive.

Franco Postacchini
Chairman of the Local Organising Committee

WELCOME ADDRESS FROM THE SCIENTIFIC COMMITTEE CHAIRMAN



George Bentley
Chairman, EFORT Scientific and Educational Committee

Dear colleague,

4,300 abstracts were submitted for this year's 8th EFORT Congress in Florence - thus, it was difficult to select among these contributions the most relevant ones for our upcoming meeting.

We interpret this highest-ever number of abstracts received as an indication that you value and use the forum of the EFORT Congress to share your expertise with peers. This is in the very spirit of our organization - we thank you for your active participation!

The 8th EFORT Congress in Florence clearly places a focus on minimally-invasive procedures including arthroscopy. 25 symposia of a total of 100 Symposia, Cross-Fire discussions and Instructional Course Lectures, as well as 250 of a total of 900 free papers, have been dedicated to this highly topical issue.

Also, we have extended our scientific symposia to include two new categories, Sports and Hand/Wrist Surgery. Furthermore, within the framework of an Innovation Park, our industry partners will provide insight into their state-of-the-art products and technologies.

I would like to seize this opportunity to thank all scientific advisors and the members of the Scientific Committee for their tireless work to put together the comprehensive Scientific Programme that we will proudly present in Florence.

We look forward to seeing you there!

A handwritten signature in black ink that reads "George Bentley". The signature is written in a cursive style.

George Bentley
Chairman, EFORT Scientific and Educational Committee

SOCIAL PROGRAMME

You and your accompanying person(s) are cordially invited to attend our Social Programme during the 8th EFORT Congress in Florence! All the events take place in the city centre. No official transportation will be provided. Taxi call services will be available.

OPENING OF EXHIBITION AND WELCOME RECEPTION

Date	Friday, 11 May 2007
Time	16.00 - 18.00
Place	Fortezza da Basso
Programme	Cocktail in the exhibition area
Participants	Registered participants, registered accompanying persons and industry representatives

OFFICIAL OPENING CEREMONY

Date	Friday, 11 May 2007
Time	18.30 - 20.30
Place	Florence Cathedral (Duomo)
Programme	Introduction by EFORT Authorities Conference by Eminence Willem Jacobus Eijk, Bishop of Groningen-Leeuwarden Concert by the Solisti Fiorentini and Choir Harmonia Cantata Antonio Vivaldi "Gloria in D, RV 589"
Participants	Registered participants, registered accompanying persons and industry representatives

FLORENCE RENAISSANCE NIGHT

Date	Sunday, 13 May 2007
Time	20.30 - 23.00
Place	Palazzo Corsini, Lungarno Corsini 10
Programme	Typical Tuscan food and entertainment in a wonderful setting
Dress code	Informal
Price	€60,00 (VAT included)

Admission: pre-booked tickets are required

AWARDS CEREMONY

Date	Monday, 14 May 2007
Time	17.30
Place	Fortezza da Basso - Room 1 Michelangelo
Programme	EFORT is pleased to invite all participants and registered accompanying persons to the Awards Ceremony of the 8th EFORT Congress 2007
Participants	Registered participants, registered accompanying persons and industry representatives



ABOUT FLORENCE

Florence has always been one of the cities that everyone would like to visit at least once in their life. It is estimated that 40% of the world's most important artworks are in Italy, and 30% of them are located in Florence. Situated in the heart of Italy, surrounded by the wine-growing hills of Chianti, the city enchants visitors with its timeless charm. It is a marvellous open sky museum where magnificent Italian Renaissance masterpieces can be discovered at every corner.

Often called "the cradle of the Renaissance", Florence owes much of her wealth to the Middle Ages. Banking became big business on the back of the city's profitable wool trade and, in 1235, Florence minted the florin, the first gold coin to become standard currency across Europe. In their turn, these bankers commissioned some of the finest art and architecture in the city.

The names Strozzi, Rucellai and Pitti can be found all over Florence, but it was the Medici family - who led the city for over 300 years - that nurtured the greatest flowering of Renaissance art. The paintings of Botticelli, the sculptures of Michelangelo and the rusticated palaces of Michelozzo all flourished under their rule.

The mingling and the mutual interaction of ancient and modern culture, makes Florence a magical, enchanting and inspiring city. Florence is also a busy cosmopolitan centre which offers in every season of the year many traditional music and theatre festivals, historic cafés, excellent restaurants with international standards as well as picturesque "trattorie" serving the best regional Italian cuisine.

The city's inventiveness, initiative, and originality have always been a source of attraction for international conference tourism and can offer modern, efficient and impressive conference premises in such a suggestive and appealing urban setting. The fact that within few minutes and by taking a short and pleasant walk, people can move from their work setting to the majestic architecture of Piazza della Signoria is priceless.

GENERAL INFORMATION ABOUT THE CONGRESS

Congress Venue	<p>Fortezza da Basso Viale Strozzi 1 50129 Florence, Italy Tel. +39 055 49721</p> <p>The Fortezza da Basso is a huge fortress commissioned by Alessandro de' Medici and built between 1533 and 1535. Called "the best in Europe", the fortress was a military installation until the nineteen-sixties, when it entered civilian life as a venue for events with top-level services. The complex is situated near the historic city centre, just five minutes' walk from the Santa Maria Novella railway station. Florence airport, Peretola, which serves all European capitals, can be reached in 15 minutes by car. The Florentine highway junction is located just west of the airport.</p>										
Congress Secretariat	<p>OIC srl Viale Matteotti 7 50121 Florence, Italy Tel. +39 055 50351 Fax +39 055 5001912 E-mail info@efort2007.org</p>										
Registration Desk – Opening Hours	<p>Registration desks will be located at the main entrance of the Congress Centre and are open at the following times:</p> <ul style="list-style-type: none"> ■ Friday, 11 May 2007 from 8.00 to 18.00 ■ Saturday, 12 May 2007 from 8.00 to 18.00 ■ Sunday, 13 May 2007 from 8.00 to 18.00 ■ Monday, 14 May 2007 from 8.00 to 18.00 ■ Tuesday, 15 May 2007 from 8.00 to 14.00 										
Registration Fees Including 20% VAT	<table> <tr> <td>Participants</td> <td>€420,00</td> </tr> <tr> <td>Residents in training</td> <td>€300,00</td> </tr> <tr> <td>Students and allied care providers*</td> <td>€144,00</td> </tr> <tr> <td>One-day registration (maximum one day)</td> <td>€162,00</td> </tr> <tr> <td>Accompanying Persons</td> <td>€168,00</td> </tr> </table> <p>* certificate of training director, copy of student card or proof of occupation is mandatory</p> <p>Registration fee for participants includes:</p> <ul style="list-style-type: none"> Admission to all scientific sessions, industry exhibition, poster area Admission to Opening Ceremony and Reception Admission to Awards Ceremony EFORT Instructional Course Lecture book edited by EFORT European CME credits Italian CME credits (for Italian participants only) Meeting documentation Abstract and poster CD Certificate of attendance Bus pass on all Florence bus lines from May 11 to May 15 <p>The registration fee for your Accompanying Persons includes:</p> <ul style="list-style-type: none"> Admission to Opening Ceremony and Welcome Reception Admission to Awards Ceremony Bus pass on all Florence bus lines from May 11 to May 15 	Participants	€420,00	Residents in training	€300,00	Students and allied care providers*	€144,00	One-day registration (maximum one day)	€162,00	Accompanying Persons	€168,00
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One-day registration (maximum one day)	€162,00										
Accompanying Persons	€168,00										

GENERAL INFORMATION ABOUT THE CONGRESS

	<p>The registration fee does not include:</p> <ul style="list-style-type: none"> Lunches and refreshments Social programme (except what specified above) Optional tours Hotel fees <p>Please note that only fully registered participants will be admitted to the scientific sessions!</p>
Badges for Participants	<p>Participants and Accompanying Persons receive individual name badges when registering for 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 worn a clearly visible way.</p>
Bank Services	<p>An automatic machine for cash withdrawal is available at the Congress Centre. Bank services are available within 5 minutes walking. Bank opening hours are generally Monday through Friday from 8.30 to 16.30. Exchange facilities are available at the Main Railway Station and in the city centre.</p>
Bus Pass	<p>The registration fee for Participants and Accompanying persons includes a free pass valid for public transportation from May 11 to May 15 on all Florence bus lines. In addition, the Bus Pass will entitle you to a discount on the Passpartour (City Sightseeing Pass).</p> <p>Please note! It is necessary to bring the Bus Pass with you during transportation and to show it upon request by the staff.</p>
Climate	<p>The weather in Florence in May is usually warm and pleasant. The average temperature is around 18-25°C. However, nights can be chilly, do not forget a raincoat or umbrella for occasional showers.</p>
Cloakroom and Storage	<p>A cloakroom and luggage deposit is situated in the Hospitality Suites Building, ground floor and will be operating during official Congress time schedule. The Convention Centre and the organizers are not responsible for any items left beyond duty hours.</p>
Congress Language Translators	<p>The official Congress language is English. Please note that no simultaneous translation will be provided.</p>
Disabled Persons	<p>The Congress Centre is easy 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</p>
First Aid	<p>A first aid room is available at the Congress Centre. Please ask staff member for help in case of need.</p>
Food and Refreshments	<p>Food and refreshments are not included in the registration fee. You can buy lunches and drinks (coffee, tea and soft drinks) as well as other refreshments in several catering areas within the Congress Centre. There is also a self-service located in the Congress Centre.</p>
Industry Exhibition	<p>The Industry Exhibition is open to Pharmaceutical Companies, Manufacturers of Medical and Surgical equipment, software equipment and scientific publishers. The Industry Exhibition is located in the Central Pavilion ground floor of the Congress Centre and is open from Friday, 11 May to Tuesday 15 May, in parallel with the sessions.</p>
Insurance	<p>The Organisers are not responsible for individual medical, travel or personal insurances. Participants and Accompanying Persons should arrange their own coverage.</p>
Internet Connections	<p>Workstations with internet connection will be available in the Exhibition area during the opening hours of the exhibition. Participants are kindly requested to limit the time of internet usage to 5 minutes to allow this service to as many participants as possible.</p>
Lost & Found	<p>For lost/found items, please refer to the Info Desk in the Exhibition area (ground floor).</p>
Mobile Phones	<p>Mobile phones are strictly prohibited during scientific sessions.</p>
No Smoking Policy	<p>Smoking is strictly prohibited during all meetings and sessions and in exhibition halls at all times.</p>
Social Programme & Tours Desk	<p>The Desk is located in the Registration area at the main entrance of the Convention venue. Please refer to this desk to reconfirm participation to the Florence Renaissance Dinner and to book optional tours.</p>

Transportation to the Congress Centre

From the airport: A bus connection (Volainbus) is operating from the airport to the city centre (main station) every 20-25 minutes.
From the main train station: From the main train station you can reach the Congress Centre in 5 minutes by foot.
Taxis: Taxis in Florence can be ordered by phone (Tel. 055 4242 or 4390) or found at the official taxi stand. You cannot stop a taxi on the road.
Bus: Florence has a comprehensive network of local bus routes. Most of them stop at the main railway station and therefore near the Convention venue. Bus tickets can be purchased at most coffee bars and kiosks. Fare is €1,20 for multiple trips, valid up to 70 minutes. A bus pass is included in the registration fee (see Bus Pass paragraph).
Car parking: There are several paying parking areas around the Congress Centre.

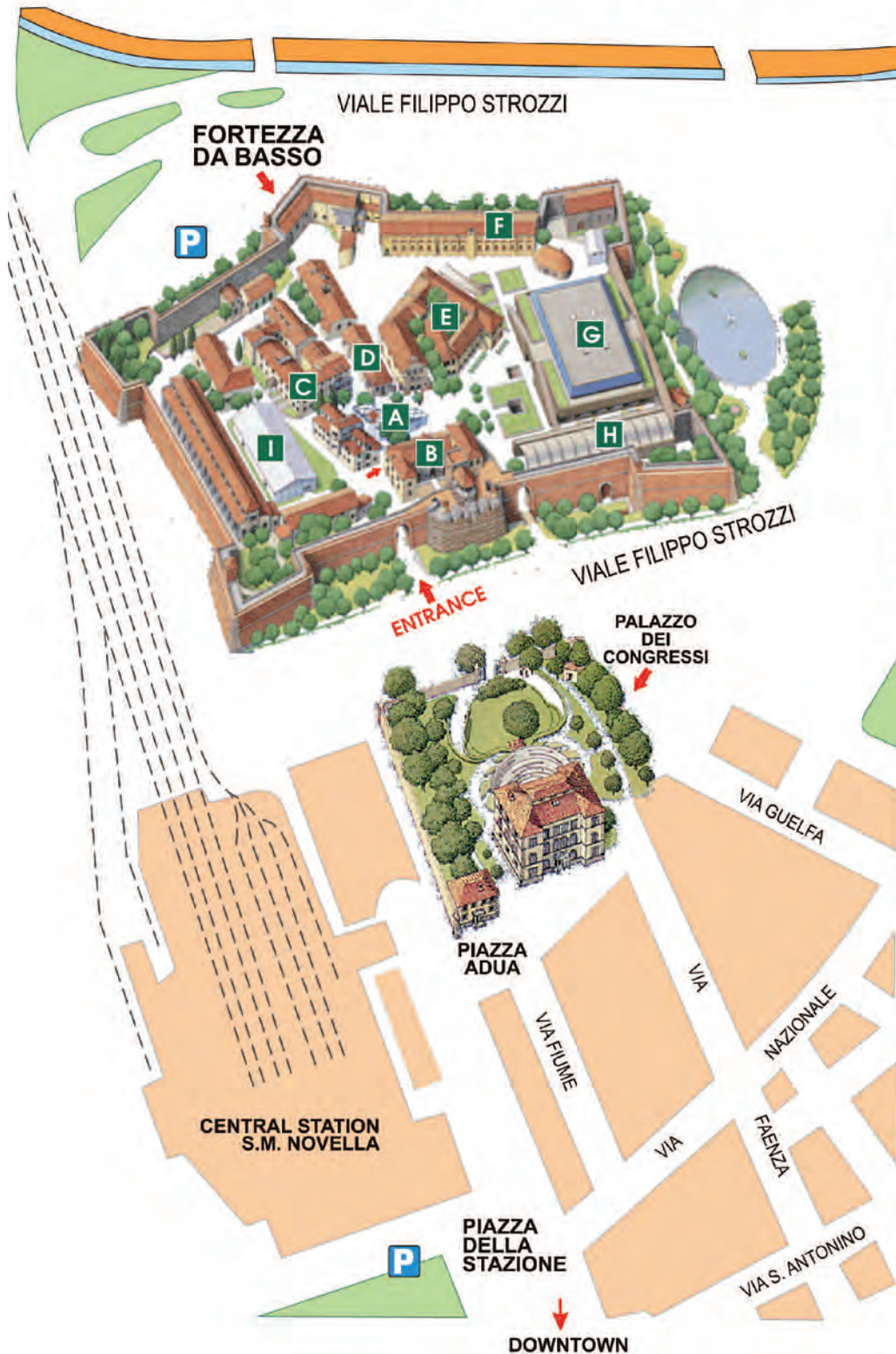
Travel Desk

A travel desk will be operating during business hours in the Registration area.

Useful Numbers

Medical Emergency	118
Fire Emergency	115
Police	113
Taxi Call	055 4390 or 055 4242
Florence airport - Information	055 3061300
Florence airport - Lost luggage	055 3061302
For international calls within Italy	+39 + number
For international calls from Italy	00 + State code + number

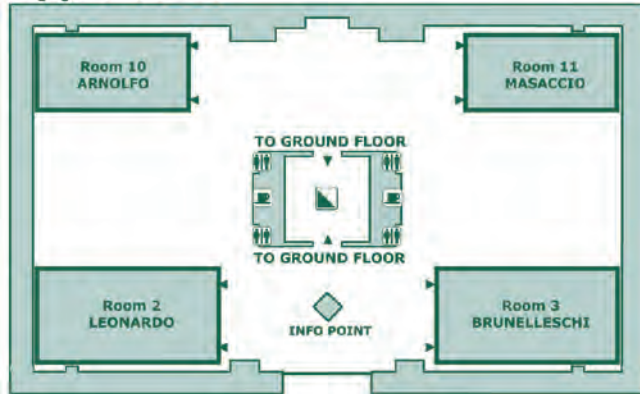
MAP OF CONGRESS CENTRE



A	Registration Area Congress Secretariat
B	Room 15 - DELLA ROBBIA
C	Poster Area, E-Posters Poster Room VIP Area Self Service
D	Room 12 - DONATELLO
E	EFORT Headquarters Sponsor Hospitality Suites Cloakroom
F	Room 13 - ANGELICO Room 14 - VASARI
G	GROUND FLOOR Exhibition Area Slide Preview Internet Point UPPER FLOOR Room 2 - LEONARDO Room 3 - BRUNELLESCHI Room 10 - ARNOLFO Room 11 - MASACCIO
H	BASEMENT Room 4 - CIMABUE Room 5 - GIOTTO Room 6 - BOTTICELLI Room 7 - RAFFAELLO Room 8 - PETRARCA Room 9 - DANTE
I	Room 1 - MICHELANGELO
P	Storage

MAP OF MAIN BUILDING

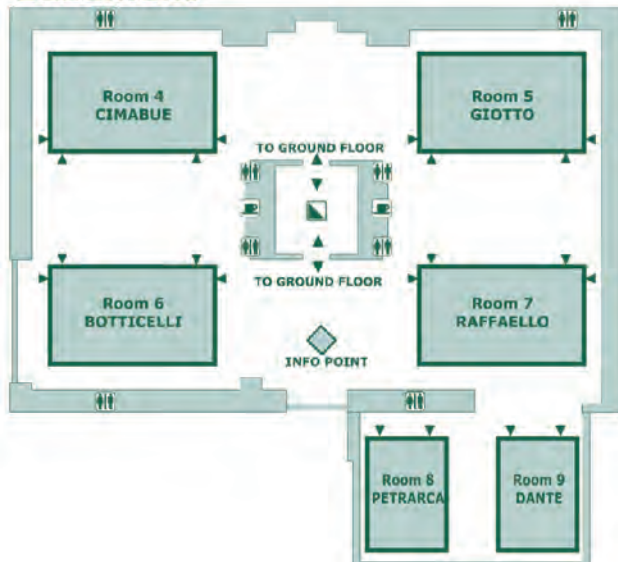
Upper Floor



Ground Floor



Basement



FLORENCE MAP



OPTIONAL EXCURSIONS



OPTIONAL EXCURSIONS

O.I.C. Way, Florence, the official agent for the 8th EFORT CONGRESS is in charge of sightseeing tours. Tours will be conducted in English. Pre-booked tickets are included in the participant's personal envelope, which is given upon registration. Additional tickets may be purchased on site upon availability, please check at the Tour Desk in the Registration Area. The meeting point for all tours is outside the Main Entrance of Fortezza da Basso.

A. Guided Tour of Florence (walking tour)

Visit of Santa Maria del Fiore (Duomo), the Cathedral of Florence, which was founded in 1296 by Arnolfo di Cambio.

Beside the cathedral stands Giotto's famous "Bell Tower", in front of the baptistery of San Giovanni.

Moving on to Orsanmichele, once the granary of Florence until its transformation into a church, one enters Piazza della Signoria, the political centre of the city.

Visit of the monumental quarters of Palazzo Vecchio, today seat of Florence town hall. Originally built in 1299 by Arnolfo di Cambio, it was subsequently enlarged and decorated to become the house of the Medici family and seat of the City government. Its magnificent rooms were frescoed by Ghirlandaio, Bronzino and Vasari.

Price per person: € 25,00

A1 - Saturday, 12 May 2007 - 9.00-12.30

A2 - Sunday, 13 May 2007 - 9.00-12.30

B. Guided Tour of Siena and S. Gimignano (bus tour)

Excursion by bus to Siena and S. Gimignano: Drive through the Chianti region to the medieval town of Siena (tour of the Cathedral, Town Hall, Piazza del Campo).

Lunch in a typical restaurant, on the way back visit to S. Gimignano, a charming little town with narrow streets paved with red bricks, which has remained almost intact since the Middle Ages.

Price per person: € 90,00

B1 - Saturday, 12 May - 9.00-17.00

B2 - Monday, 14 May - 9.00-17.00

OPTIONAL EXCURSIONS



C. Guided Tour of the Florentine Hills – Fiesole and Piazzale Michelangelo (bus tour)

Visit of the Duomo or Church of San Romolo, very ancient church with an unusual bell tower.

Visit of the Roman theatre, which was built during the first Imperial period and later enlarged by Septimius Severus.

Drive to Piazzale Michelangelo, with a breathtaking view of Florence in all its beauty with the Duomo, Santa Croce, the towers and bell towers peaking out from the reddish roofs, the gardens and the Arno river that winds its way across the city. Here one can admire the Basilica of San Miniato al Monte. This church is one of the most famous examples of the Florentine Romanesque style.

Price per person: € 30,00

C1 - Sunday, 13 May - 9.00-12.30

C2 - Monday, 14 May - 9.00-12.30

D. Guided Tour of Pisa (bus tour)

Excursion through the Tuscan countryside to Pisa to visit the famous Leaning Tower, Cathedral, Baptistry and Monumental Cemetery. Lunch in Pisa in a pleasant restaurant and departure for Florence in the afternoon.

Price per person: € 90,00

D1 - Sunday, 13 May - 9.00-16.30

E. Michelangelo tour (walking tour)

Visit to some of the most outstanding pieces of art of Michelangelo in Florence. Visit to the Museum of the Opera del Duomo, which hosts works of art from the Florence Cathedral S.Maria del Fiore such as the Pietà by Michelangelo. Visit to the Prince's Chapel and Sagrestia Nuova of the San Lorenzo Basilica. Inside the structure, you will admire one of the main Michelangelesque architectural sculptural cycles: from the mighty statues of the Dukes to the lying enigmatic figures of the Day and the Night, and the Dawn and the Twilight, which join the sense of time and space and the mystery of man ages, which was Michelangelo's torment.

Price per person: € 30,00

E1 - Monday, 14 May - 9.00-12.30

COMMITTEES AND SOCIETIES

EFORT EXECUTIVE COMMITTEE

President	Prof. Wolfhart Puhl, Germany
Vice President	Prof. Frantz Langlais, France
General Secretary	Prof. Karl-Göran Thorngren, Sweden
Past President	Prof. George Bentley, Great Britain
Treasurer	Prof. Martti Hämmäläinen, Finland
Member at Large	Prof. Miklos Szendrői, Hungary Dr. Roberto Giacometti Ceroni, Italy Prof. Michel Dutoit, Switzerland

CO-OPTED MEMBERS

Chair LOC Geneva 2006	Prof. Pierre Hoffmeyer, Switzerland
Chair LOC Florence 2007	Prof. Franco Postacchini, Italy
Chair LOC Vienna 2009	Prof. Karl Knahr, Austria
UEMS-President Orthopaedic Section	Dr. Richard Wallensten, Sweden

EFORT/EAR SOCIETY

Chair European Arthroplasty Register (EAR)	Prof. Nikolaus Böhler, Austria
Coordinator	Dr. Gerold Labek, Austria

STANDING COMMITTEES

Chair Scientific and Editorial	Prof. George Bentley, Great Britain
Chair Education and Events	Dr. Manuel Cassiano Neves, Portugal
Chair Finance	Prof. Martti Hämmäläinen, Finland
Chair Industry Liaison (EILC)	Prof. Wolfhart Puhl, Germany
Chair Portal	Prof. Klaus-Peter Günther, Germany
Chair European Arthroplasty (EAR)	Prof. Nikolaus Böhler, Austria

TASK FORCES

Chair Specialty Societies	Dr. Roberto Giacometti Ceroni, Italy
Chair Honorary Fellows & Awards	Prof. George Bentley, Great Britain
Chair Travelling & Visiting Fellowships	Prof. Miklos Szendrői, Hungary
Chair EFORT Fora	Prof. Nikolaus Böhler, Austria

LOCAL ORGANISING COMMITTEE (LOC) FROM SIOT/GSO, ITALY

Chairman	Prof. Franco Postacchini, Rome
General Secretary	Prof. Rodolfo Capanna, Florence
Treasurer	Prof. Alfredo Carfagni, Rome
Members	Prof. Gianluca Cinotti, Rome Prof. Andrea Ferretti, Rome Prof. Marco Gusso, Florence Prof. Massimo Innocenti, Florence Prof. Marco Mugnaini, Florence Prof. Umberto Tarantino, Rome
Secretary SIOT	Elena Cristofari, Rome

COMMITTEES AND SOCIETIES

SCIENTIFIC AND EDITORIAL COMMITTEE

Chairman	Prof. George Bentley, Great Britain
Members	Dr. Manuel Cassiano Neves, Portugal Dr. Roberto Giacometti Ceroni, Italy Prof. Klaus-Peter Günther, Germany Prof. Martti Hämäläinen, Finland Prof. Karl Knahr, Austria Prof. Frantz Langlais, France Prof. Franco Postacchini, Italy Prof. Wolfhart Puhl, Germany Prof. Karl-Göran Thorngren, Sweden

EDUCATION AND EVENTS COMMITTEE

Chairman	Dr. Manuel Cassiano Neves, Portugal
Members	Prof. George Bentley, Great Britain Prof. Nikolaus Böhrer, Austria Prof. Frantz Langlais, France Prof. Miklos Szendrői, Hungary Dr. Richard Wallensten, Sweden Gabriella Skala, Switzerland Klaus Hug, Switzerland

EFORT CENTRAL OFFICE

Manager Events	Sandra Braendle, Switzerland
Junior Event Manager	Patrick Collet, Switzerland
Portal Manager	PTMG (Rui Mimoso, Portugal)
Business Adviser	Klaus Hug, Switzerland
Finance & IT Assistant	Larissa Welti, Switzerland
Trainee	Benjamin Ilg, Switzerland

GENERAL ORGANISATION

EFORT Central Office
Technoparkstrasse 1
8005 Zurich
Switzerland

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www.efort.org

CONGRESS SECRETARIAT (local PCO)

O.I.C. s.r.l.
Viale Matteotti, 7
50121 Florence
Italy

Contact: Mrs. Viviana Vitali
Tel. +39 (055) 50 351
Fax +39 (055) 500 1912
E-mail: info@efort2007.org
www.efort2007.org

PARTICIPATING NATIONAL SOCIETIES

Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Austria	ÖGO	Österreichische Gesellschaft für Orthopädie und Orthopädische Chirurgie
Belgium	BVOT SORBCOT	Belgische Vereniging voor Orthopedie en Traumatologie Société Royale Belge de Chirurgie Orthopédique et de Traumatologie
Bosnia and Herzegovina	BHSOT	Bosnia and Herzegovina Society of Orthopaedics and Traumatology
Bulgaria	BOTA	Bulgarian Orthopaedic and Traumatology Association*
Croatia	COTA	Croatian Orthopaedic and Traumatology Association
Cyprus	COA	Cyprus Orthopaedic Association
Czech Republic	CSOT	Czech Society for Orthopaedics and Traumatology
Denmark	DOS	Danish Orthopaedic Society
Estonia	EO	Estonian Orthopaedic Association
Finland	SOY/FOA	Finnish Orthopaedic Association
France	SOFOT	Société Française de Chirurgie Orthopédique et de Traumatologie
Germany	DGOOC BVO	Deutsche Gesellschaft für Orthopädie und Orthopädische Chirurgie Bundesverband der Fachärzte für Orthopädie e.V.
Greece	HAOST	Hellenic Association of Orthopaedic Surgery and Traumatology
Hungary	MOT/HOA	Hungarian Orthopaedic Association
Iceland	FIB	Félag Íslenskra Bæklunarlækna
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Società Italiana di Ortopedia e Traumatologia
Lithuania	LTOD	Lietuvos Traumatologu Ortopedu Draugija
Luxemburg	SLOT	Société Luxembourgeoise d'Orthopédie et de Traumatologie
Macedonia	MAOT	Macedonian Association of Orthopaedics and Traumatology
Malta	MAOH	Association of Orthopaedic and Trauma Surgeons of Malta
Netherlands	NOV	Nederlandse Orthopaedische Vereniging
Norway	NOF	Nordisk Ortopedisk Förening
Poland	PTOITR	Polish Society of Orthopaedics and Traumatology
Portugal	SPOT	Sociedade Portuguesa de Ortopedia e Traumatologia
Romania	SOROT	Societatea Romana de Ortopedie si Traumatologie
Russia	AOTRF	Association of Orthopaedists and Traumatologists of Russian Federation
Slovakia	SOTS	Slovakian Orthopaedic Society
Slovenia	SOA/OSSZ	Slovene Orthopaedic Association
Spain	SECOT	Sociedad Española de Cirugía Ortopédica y Traumatología
Sweden	SOF	Svensk Ortopedisk Förening
Switzerland	SGO/SSO	Schweizerische Gesellschaft für Orthopädie
Turkey	TOTBID	Türk Ortopedi ve Travmatoloji Birlii Dernei
United Kingdom	BOA	British Orthopaedic Association

OBSERVER

Latvia	LAOT	Latvian Association of Orthopaedics and Traumatology
Serbia	SAOT	Serbian Association of Orthopaedics and Traumatology

PARTICIPATING SPECIALTY SOCIETIES AND SCIENTIFIC MEMBERS

STRATEGIC ALLIANCES WITH SPECIALTY SOCIETIES

EAMST	European Association of Musculoskeletal Transplantation
EFAS	European Foot and Ankle Society (Merger ESFAS and AFFAS)
EHS	European Hip Society
ESSKA	European Society of Knee Surgery, Sports Traumatology and Arthroscopy
SECEC/ESSSE	European Society for Surgery of the Shoulder and the Elbow
SSE	Spine Society of Europe (Merger ESDS and ESS)

PARTICIPATING SPECIALTY SOCIETIES

ARTOF	Association for the Rational Treatment of Fractures
EBJIS	European Bone and Joint Infection Society
EFOST	European Federation of Orthopaedic Sports Traumatology
EFSM	European Federation of Societies of Microsurgery
EORS	European Orthopaedic Research Society
EPOS	European Paediatric Orthopaedic Society
ERASS	European Rheumatoid Arthritis Surgical Society
ESB	The European Society for Biomaterials
ESMAC	European Society of Movement Analysis for Adults and Children
FESSH	Federation of the European Societies for Surgery of the Hand

ASSOCIATE SCIENTIFIC MEMBERS

Azerbaijan	AAOT	Azerbaijan Association of Orthopaedics and Traumatology
Israel	IOA	Israel Orthopaedic Association
Lebanon	SLO	Société Libanaise d'Orthopédie

ORGANISATIONS DIRECTLY INVOLVED IN THE CONGRESS ORGANISATION

EFORT	European Federation of National Associations of Orthopaedics and Traumatology
SIOT/GSO	Società Italiana di Ortopedia e Traumatologia Gestione Servizi per l'Ortopedia s.r.l.
and European Specialty Societies	

LIST OF ALL SCIENTIFIC SYMPOSIA

DAY 1 – FRIDAY – MAY 11

SYMPOSIUM	TITLE	MODERATOR
1	Mini-Invasive THR	Pförringer, W. (Germany);
2	Mini-Invasive Surgery in Lumbar Disc Herniation	Strömqvist, B. (Sweden)
3	Patellar Issues in TKR	Aglietti, P. (Italy)
4	Pain Management in Orthopaedics	Casser, H.R. (Germany)
5	Muscle Injuries in the Athlete	Bollen, S. (United Kingdom)
6	Metastases of Pelvis and Lower Limb	Ewerbeck, V. (Germany)

DAY 2 – SATURDAY – MAY 12

SYMPOSIUM	TITLE	MODERATOR
7	Choices in THR Bearing Surfaces	Giacometti Ceroni, R. (Italy)
8	The Osteoporotic Spine: Medication, Cement and Beyond	Heini, P. (Switzerland)
9	Cartilage Cell Transplantation: Valuable or Unproven?	Bentley, G. (United Kingdom)
10	Unicompartmental Prostheses of the Knee. Indications and Techniques	Böhler, N. (Austria)
11	How to Choose a Prosthesis	Puhl, W. (Germany)
12	Total Hip Arthroplasty in Europe: Indications, Costs and Practice Patterns	Günther, K.P. (Germany)
13	Optimized Hip Fracture Management	Thorngren, K.G. (Sweden)
14	Peri-Prosthetic Fractures of the Knee: Fix or Revise	Innocenti, M. (Italy)
15	Total Prosthesis as a Primary Treatment of Fractures of the Knee and Elbow	Hoffmeyer, P. (Switzerland)
16	Reversed Shoulder Prosthesis: Indications, Technique, Results, Complications	Walch, G. (France)
17	Female Athlete Injuries	Menetrey, J. (Switzerland)
18	Athlete's Back Pain	Mineiro, J. (Portugal)
19	Ankle Instability	Assal, M. (Switzerland)
20	Surgery for Distal Radial-Ulnar Joint Conditions	Kopylov, P. (Sweden)
21	Capabilities and Limits of Navigation in the Orthopaedic Surgery	Mattes, T. (Germany)
ISTF Symposium	Prevention of Thromboembolism in Major Orthopaedic Surgery	Dahl, O. (Norway); Warwick, D. (United Kingdom)
22	New Techniques in Primary Bone Tumours	Capanna, R. (Italy)
23	Idiopathic Vertical Talus	Bensahel, H. (France)

DAY 3 – SUNDAY – MAY 13

SYMPOSIUM	TITLE	MODERATOR
24	Modern Hip Implants: A Proven Advance or Just Another Trend?	Loehr, J.F. (Germany); Freeman, M.R. (United Kingdom)
25	Why a Short Stem – New/Old Fashion?	Gallinaro, P. (Italy)
26	Thoraco-Lumbar Fractures without Neurological Damage	Caceres, E. (Spain)
27	Cervical Disc Herniation	Logroscino, C. (Italy)
28	Infected TKR. One-Stage or Two Stages?	Von Foerster, G. (Germany)
29	What Indications Remain for Arthrodesis of the Large Joints (Hip, Knee, Shoulder and Elbow)	Giannini, S. (Italy)
30	The Profile of Orthopaedics in Europe: Education, Training, Quality, Costs	Wallensten, R. (Sweden)
31	Mini-Invasive Treatment of Distal Femur Fractures	Puig, L. (Spain)
32	Acetabular Fractures: Mini/Open Fixation?	Haas, N. (Germany)
33	Fractures of the Radial Head: Remove, Replace or Fix?	Chantelot, C. (France)
34	Instability of the Elbow	Stanley, J. (United Kingdom)
35	Acute Management of Open Hand Injuries	Soucacos, P. (Greece)

LIST OF ALL SCIENTIFIC SYMPOSIA

DAY 3 - SUNDAY - MAY 13

SYMPOSIUM	TITLE	MODERATOR
36	Infection Prophylaxis in Orthopaedic Surgery	AC Rodtlof, A.C. (Germany)
37	Fractures in Osteoporosis: Challenges in Strategy and Surgical Techniques	Special Symposium
38	Giant-Cell Tumours: Techniques and Factors in Prognosis	Szendroi, M. (Hungary)
39	Club Foot	Grill, F. (Austria)
40	Screening in DDH: Does it Matter?	Wientroub, S. (Israel)
41	Hallux Valgus and Forefoot Surgery: Mini-Invasive or Open?	De Lavigne (France)
42	Surgical Management of the Rheumatoid Foot and Ankle	Nelissen, R. (Netherlands)

DAY 4 - MONDAY - MAY 14

SYMPOSIUM	TITLE	MODERATOR
43	Prevention and Treatment of Unstable THR	Knahr, K. (Austria)
44	Lumbar Spinal Stenosis	Postacchini, F. (Italy)
45	Isthmic Spondylolisthesis	Boos, N. (Switzerland)
46	Mini-invasive TKR: Where are we?	Argenson, J.N. (France)
47	Meniscal Repair and Reconstruction	Verdonk, R. (Belgium)
48	The Challenge of Stress Fractures	Volpin, G. (Israel)
49	Recent Advances in the Management of Polytrauma	Krettek, C. (Germany)
50	Infections of the Hand and Wrist	Malizos, K. (Greece)
51	Prevention and Treatment of Osteoarthritis: Non-Surgical Management	Lohmander, S. (Sweden)
52	Muscles and Muscle Transfers in Massive Rotator Cuff Lesions	Gerber, C. (Switzerland)
53	Tissue Engineering in Bone Tumours	Picci, P. (Italy)
54	Back Pain in Children and Adolescents	Hefti, F. (Switzerland)
55	Acute and Chronic Compartment Syndromes	Styf, J. (Sweden)
56	Prosthetics for Lower Limb Amputees: From Daily Life to Paralympics	Stenström, A. (Sweden)

DAY 5 - TUESDAY - MAY 15

SYMPOSIUM	TITLE	MODERATOR
57	Surgical Treatment of Avascular Necrosis of the Hip	Santori, L. (Italy)
58	Conservative Treatment of Scoliosis in the Adolescent	Kaelin, A. (Switzerland)
59	PCL Reconstruction	Dowd, G. S. E. (United Kingdom)
60	Management of Non-Union of Shaft Fractures	Mora, R. (Italy)
61	Calcifications of the Shoulder	Habermeyer, P. (Switzerland)
62	Local Adjuvant Techniques for Primary Bone Tumours	San Julian, M. (Spain)

LIST OF ALL INSTRUCTIONAL COURSE LECTURES

DAY 1 - FRIDAY - MAY 11

ICL	TITLE	MODERATOR
1	Reflex Sympathetic Dystrophy	Atkins (United Kingdom)
2	How to Write and Evaluate a Scientific Paper	Scott (United Kingdom) Heckman (U.S.A.)
3	Infection - The Biofilm	Malizos (Greece)

DAY 2 - SATURDAY - MAY 12

ICL	TITLE	MODERATOR
4	Femoro-Acetabular Impingement. Diagnosis and Treatment	Siebenrock (Switzerland)
5	Disk Prostheses	Ogon (Austria)
6	Artificial Bone Substitutes in Fracture Treatment	Larsson (Sweden)
7	Arthroscopic Stabilisation for Acute or Chronic Shoulder Instability	Willems (Netherlands)
8	Congenital Synostoses in the Foot	Napiontek (Poland)
ISTF ICL	Morbidity and Mortality following Major Orthopaedic Surgery - A Focus on Prevention of Venous Thromboembolism	Lassen, M. (Denmark)
9	Holes in Bone: Unicameral Bone Cysts and Aneurysmal Bone Cysts	Dutoit (Switzerland)

DAY 3 - SUNDAY - MAY 13

ICL	TITLE	MODERATOR
10	The Aging Spine	Varga (Hungary)
11	Management of Open Fractures of the Tibial Diaphysis	Cordero-Ampuero (Spain)
12	Fractures and Non-Unions of the Clavicle	Björkenheim (Finland)
13	Dupuytren's Contracture	Finsen (Norway)
14	Management of Limb Length Inequality	Ippolito, E. (Italy)

DAY 4 - MONDAY - MAY 14

ICL	TITLE	MODERATOR
15	THR in the Younger Patient	Delaunay (France)
16	Computer-assisted Knee Arthroplasty	Merloz (France)
17	Kienbock's Disease	Schuind (Belgium)
18	Diagnostic and Treatment Strategy for Bone Tumours	Keller (Denmark)
19	Diagnosis, Treatment and Outcome of Septic Arthritis in Infancy and Childhood	Cassiano Neves, M. (Portugal)
20	Percutaneous and Mini-Invasive Surgery of the Forefoot	

DAY 5 - TUESDAY - MAY 15

ICL	TITLE	MODERATOR
21	Impaction Bone Grafting in Revision THR	Timperley (United Kingdom)
22	Hinge and Rotation Hinge Knee Prosthesis in Primary and Revision TKR	Sparmann (Germany)

LIST OF ALL CROSS FIRE DISCUSSIONS

DAY 1 - FRIDAY - MAY 11

CROSS FIRE	TITLE	MODERATOR
1	Infection of THA	Ascherl, R. (Germany)
2	Allergy and Sensitivity to Orthopaedic Implants	Haddad, F. (United Kingdom)

DAY 2 - SATURDAY - MAY 12

CROSS FIRE	TITLE	MODERATOR
3	Articular Fractures of Proximal Humerus - Fixation or Prostheses?	Thomazeau, H. (France)
4	Tibial Plateau Fracture: Arthroscopic or Open Surgery?	Beaufils, P. (France)
5	Mini-Invasive Hip Fracture Surgery in the Elderly	Parker, M. (United Kingdom)
5	ACL Reconstruction: Which ACL Graft? Where to Put it and How to Fix it?	Williams, A. (United Kingdom)

DAY 3 - SUNDAY - MAY 13

CROSS FIRE	TITLE	MODERATOR
7	Juxta-Articular Fractures - Standard or Interlocked Plates?	Lindahl, J. (Finland)
8	Degenerative Disc: Indications for Prosthesis or Fusion?	Gille, O. (France)
9	Dynamic or Rigid Stabilisation in the Lumbar Spine	Mazel, Ch. (France)
10	Recurrent Dislocation Shoulder (Open or Arthroscopic)	Hardy, Ph. (France)

DAY 4 - MONDAY - MAY 14

CROSS FIRE	TITLE	MODERATOR
11	Continuous Passive Motion	Neumann, W. (Germany)
12	Femoral Revisions in Difficult Cases	Langlais, F. (France)
13	Surface Replacement: A Major Advance?	Garcia Cimbreno, E. (Spain)
14	High Tibial Osteotomy: When and how?	Jacob, R. (Switzerland)

LIST OF ALL VIDEO SESSIONS

ABSTRACT NO.	AUTHORS	TITLE
V1	Boldt, J.	Mini-access anterolateral approach for hip resurfacing
V2	Deep, K.; Raghuprasad, V.; Hammer, A.; Bassilly, A.	Computer-navigated total hip replacement
V3	Deep, K.; Raghuprasad, V.; Lucas, D.; Agarwal, A	Computer-navigated knee arthrodesis
V4	Deep, K.; Raghuprasad, V.; Fleetcroft, J. P.; Morar, Y.	Computer-navigated patello-femoral replacement arthroplasty
V5	Ducic, S.; Korac, G.; Majstorovic, M.; Bizic, M.; Djordjevic, M.	Wide penile duplication: complex penile joining using bilateral Salter osteotomies
V6	Lampe, F.	Surgical technique of minimally invasive navigated total knee arthroplasty using the Columbus knee and Orthopilot navigation system
V7	Lodhi, Y. H. K.; Zubairy, A. I.; Nakhuda, Y.	Role of Magnetic Resonance Imaging in diagnosing ankle pathology
V8	Lodhi, Y. H. K.; Zubairy, A. I.; Prasad, R.; Tandon, R.	Avoidable admission: Are casualty and postoperative admissions avoidable
V9	Lodhi, Y. H. K.; Sarin, R.; Marynissen, Y.	Prospective study of Profix Knee Arthroplasty System: Early results
V10	Lodhi, Y. H. K.; Markovic, L.; Schmitgen, G.; Zubairy, A.; Ibrahim, I.; Mohammed, U.	AMK total knee arthroplasty.10 years survival and functional analysis
V11	Mazzone, V. J.	Advantages and unsuspected effectiveness of a modified lateral approach to the PIP joint
V12	Mohanlal, P.; Dhinsa, B.; Jain, S.	Needle plicotomy for synovial plica during arthroscopy of the knee
V13	Novembri, A.; Pagliuzzi, A.; Bernocchi, B.; Bianco, S.	Functional treatment of the clubfoot: Our experience
V14	Oransky, M.	Reduction of an anterior column fracture through ileo-inguinal approach
V15	Pisano, L.; Promenzio, L.; Tangari, M.; Costa, S.	Hybrid external fixation of the proximal tibia in the treatment of high-energy plateau fractures
V16	Raghu Prasad, V.; Hammer, A.; Agarwal, A.; Morar, Y.	Calcaneal fracture - an over-view and internal fixation technique
V17	Spagnolo, R.; La Maida, G. A.; Bonalumi, M.; Gaietta, D.; Valentinotti, U.; Capitani, D.	The MIPO technique for the treatment of distal fractures of the tibia
V18	Stipcak, V.; Hart, R.; Krejzla, J.; Svab, P.	Computer-assisted LCA Reconstruction
V19	Violante, B.	The stiff knee after total Knee arthroplasty
V20	Violante, B.	Minimally invasive surgery in total knee arthroplasty: medial approach vs subvastus approach
V21	Violante, B.; Lucci, P.	Total knee arthroplasty following high tibial osteotomy

LIST OF ALL INDUSTRY SYMPOSIA (in chronological order)

DAY 2 – SATURDAY – MAY 12

AUDITORIUM	COMPANY – TITLE OF THE SYMPOSIUM
1 - Michelangelo	STRYKER EMEA - Advancements in the Treatment of Complex Periarticular Fractures using Locking Plates
2 - Leonardo	KIMBERLEY-CLARK HEALTHCARE - New Non-Pharmaceutical Ways to Reduce the Risk of Surgical Wound Infections
3 - Brunelleschi	S.A.M.O. SPA - Nanotechnologies in Orthopaedics
4 - Cimabue	LIMA-LTO SPA - Multigen Plus Knee System: From Tradition to Innovation
5 - Giotto	MEDACTA INTL SA - AMIS Live Surgery - Anterior Minimally Invasive Surgery in Total Hip Replacement
6 - Botticelli	BIOMET EUROPE - Oxfordto this™ Unicompartmental Knee System
7 - Raffaello	ORTHOFIX SRL - A Morning Round in a Trauma Unit
8 - Petrarca	ZIMMER GmbH - MIS vs. Open Technique with the New Poliaxial Locking Plate System NCB®
9 - Dante	ZIMMER GmbH - Positioning Arm for TKA: New Concept with CAS for TKA - Technology Demonstration
10 - Arnolfo	SMITH & NEPHEW ORTHOP - Hip Resurfacing
11 - Masaccio	STRYKER EMEA - Advances in Technology: Greater Surgical Precision than Ever Before; Orthopaedic Surgery and the Oscillating Tip Saw
12 - Donatello	SYNTHESES GmbH - Expert Nailing System
13 - Angelico	AESCULAP AG & Co. KG - Navigated Less Invasive Total Knee Arthroplasty
14 - Vasari	MEDTRONIC INTL. - Spine Surgery: Meeting all Your Posterior Dynamic Stabilisation Needs: DIAM™ Interspinous Device and CD Horizon® AGILE™ Pedicle Screw-Based Device
15 - Della Robbia	GEISTLICH PHARMA AG - The Use and Limitations of Bone Substitute Materials in Orthopaedic and Trauma Surgery
16	ZIMMER GmbH - Gender Considerations in TKA and THA

DAY 3 – SUNDAY – MAY 13

AUDITORIUM	COMPANY – TITLE OF THE SYMPOSIUM
1 - Michelangelo	BAYER HEALTHCARE AG - Advances in the Surgical and Clinical Management of Orthopaedic Patients: The Future Potential of Oral Anticoagulation with Rivaroxaban – A Once-Daily, Direct Factor Xa Inhibitor
2 - Leonardo	BOEHRINGER INGELHEIM INTERNATIONAL GmbH - Questioning Anticoagulation in Orthopaedic Surgery - Can it be Simplified?
3 - Brunelleschi	S.A.M.O. SPA - TREKKING Clinical Finding
4 - Cimabue	GRUPPO BIOIMPIANTI - Innovation in Hip Revision
5 - Giotto	MATHYS LTD BETTLACH - Tradition Meets Innovation
6 - Botticelli	BIOMET EUROPE - Less Invasive Knee Arthroplasty (L.I.K.A.™) with the Vanguard System
7 - Raffaello	ZIMMER GmbH - The New Golden Standard in TSA - A Convertible Shoulder System
8 - Petrarca	ZIMMER GmbH - Durom® Hybrid
9 - Dante	ZIMMER GmbH - Minimally Invasive Surgery, Tibia First - A New Challenge with an Established Technique
10 - Arnolfo	SMITH & NEPHEW ORTHOPAEDICS - Restoring Normal Knee Kinematics in the Active Total Knee Replacement?
11 - Masaccio	STRYKER EMEA - Material & Design Advances in Total Knee Arthroplasty
12 - Donatello	SYNTHESES GmbH - Innovation in Bone Building: New Osteoinductive and Osteoconductive Solutions for the Treatment of Metaphyseal Fractures
13 - Angelico	TORNIER - The Computer-Assisted Hip System and Dual Mobility Cup: Two Ways of Answering the Remaining THA Critical Issues
14 - Vasari	CERAMTEC AG - Influence of Material in Total Hip and Knee Replacement
15 - Della Robbia	WALDEMAR LINK - Tumour Surgery with a Modular Reconstruction System

DAY 4 - MONDAY - MAY 14

AUDITORIUM	COMPANY - TITLE OF THE SYMPOSIUM
7 - Raffaello	KARL STORZ GmbH & Co KG - Hip Arthroscopy
8 - Petrarca	ZIMMER GmbH - Important Factors when Considering MIS
9 - Dante	ZIMMER GmbH - Natural Knee®: Building the Future on Proven Clinical Results
10 - Arnolfo	SMITH & NEPHEW ORTHOPAEDICS - Chondral Defects in the Knee
11 - Masaccio	THE INTL SOCIETY FOR FRACTURE REPAIR - Burning Surgical Issues in Fracture Management - Osteoporosis and Non-Union
12 - Donatello	SYNTHES GmbH - Treatment Options for Hand and Wrist Fractures
13 - Angelico	AESULAP - Navigated METHA Modular Short Stem Prosthesis

The best posters of each category (of a total of 500), will be discussed during the following sessions:

DAY 2 – SATURDAY – MAY 12

8.00–9.00	General Orthopaedics
9.15–10.15	Hand
10.30–11.30	Hip
14.00–15.00	Hip
15.15–16.15	Trauma Upper Limb
16.30–17.30	Trauma Lower Limb

DAY 3 – SUNDAY – MAY 13

8.00–9.00	Knee Osseous
9.15–10.15	Spine
10.30–11.30	Hip
14.00–15.00	Knee Osseous
15.15–16.15	Foot and Ankle
16.30–17.30	Hip

DAY 4 – MONDAY – MAY 14

8.00–9.00	Paediatric Orthopaedics
9.15–10.15	Infection and Tumours
10.30–11.30	Knee Soft Tissues
14.00–15.00	Shoulder and Arm
15.15–16.15	Miscellaneous
16.15–17.30	Jury Meeting and Awards Ceremony

MODERATORS OF THE FREE PAPER SESSIONS

DAY 1 - FRIDAY - MAY 11

TIME	AUDITORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR ITALY
13.00 - 14.30	1 - Michelangelo	Hip 1	Primary THR 1	Pförringer, W. (Germany)	Migaud, H. (France)
13.00 - 14.30	2 - Leonardo	Spine 1	Cervical spine 1	Kehr, P. (France)	Logroscino, C. (Italy)
14.30 - 16.00	3 - Brunelleschi	Knee 1	TKR General 1	Munziger, U. (Switzerland)	Gasparini, G. (Italy)
14.30 - 16.00	4 - Cimabu	General Orthopaedics 1	Trauma: Logistics 1	Szendroi, M. (Hungary)	Doria, C. (Italy)
13.00 - 15.00	5 - Giotto	Trauma Lower Limb 1	Fractures around the knee 1	Heini, P. (Switzerland)	Jelmoni, G.P (Italy)
13.00 - 16.00	6 - Botticelli	Trauma Upper Limb 1	Shoulder and Trauma: Proximal Humerus 1	Wallensten, R. (Sweden)	Gambrioli, P. (Italy)
14.30 - 16.00	7 - Raffaello	Hand 1	Carpal tunnel 1	Vilhjalmur, F. (Norway)	Sadun, R. (Italy)
13.00 - 15.00	8 - Petrarca	Hip 2	Resurfacing: Technical aspects 1	Migaud, H. (France)	Benazzo, F. (Italy)
13.00 - 15.00	9 - Dante	General Orthopaedics 2	Clinical trials 1	Thorngren, K.G. (Sweden)	Buda, R. (Italy)
13.00 - 14.30	10 - Arnolfo	Tumour 1	Grafts 1	Grimer, R. (United Kingdom)	Mugnaini, M. (Italy)
13.00 - 14.30	11 - Masaccio	Trauma Poli 1	Acetabular and spine fractures 1	Vecsey, V. (Austria)	Pappalardo, S. (Italy)
14.30 - 16.00	11 - Masaccio	Trauma Poli 2	Pelvic fractures 1	Peter, R. (Switzerland)	Oransky, M. (Italy)

MODERATORS OF THE FREE PAPER SESSIONS

DAY 2 - SATURDAY - MAY 12

TIME	AUDITORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR ITALY
8.00 - 9.30	1 - Michelangelo	Hip 3	Resurfacing results and complications 1	Garcia-Cimbrello, E. (Spain)	McMinn, D. (United Kingdom)
11.00 - 12.00	1 - Michelangelo	Hip 4	Primary THR non-cemented cup 1	Soballe, K. (Denmark)	Sedel, L. (France)
16.00 - 17.30	1 - Michelangelo	Hip 5	Pelvic osteotomy 1	Giacometti Ceroni, R. (Italy)	Siebenrock, K. (Switzerland)
8.00 - 9.30	2 - Leonardo	Knee 2	TKR General 2	Lobenhofer, P. (Germany)	D'Imperio, F. (Italy)
11.00 - 12.00	2 - Leonardo	Knee 3	TKR Technique 1	Beaufils, P. (France)	Lemos, A. (Portugal)
16.00 - 17.30	2 - Leonardo	Knee 4	TKR Technique 2	Ewerbeck, V. (Germany)	Confalonieri, N. (Italy)
8.00 - 9.00	4 - Cimabue	General Orthopaedics 3	Survivorship, complications of surgery 1	Hämäläinen, M. (Finland)	Innocenti, M. (Italy)
11.00 - 12.00	4 - Cimabue	Shoulder and Arm 1	Rotator cuff and prosthesis 1	Walch, G. (France)	Gumina, S. (Italy)
8.00 - 9.00	5 - Giotto	Trauma Lower Limb 2	Femoral shaft Fractures 1	Munoz, J.M. (Spain)	Mora, R. (Italy)
8.00 - 9.30	6 - Botticelli	Shoulder and Arm 2	Shoulder implants 1	Postacchini, F. (Italy)	Monteiro, J. (Portugal)
16.00 - 17.30	6 - Botticelli	Shoulder and Arm 3	Humeral fractures 1	Hoffmeyer, P. (Switzerland)	Rovesta, C. (Italy)
8.00 - 9.00	7 - Raffaello	Trauma Upper Limb 2	Trauma: Distal radial fractures 1	Vilhjalmur, F. (Norway)	Altissimi, M. (Italy)
8.00 - 9.00	8 - Petrarca	Knee 5	TKR: Patellar aspects 1	Williams, A. (United Kingdom)	Schiraldi, M. (Italy)
11.00 - 12.00	8 - Petrarca	Knee 6	High tibial osteotomy arthroscopy 1	Jakob, R. (Switzerland)	Hernigou, P. (France)
14.00 - 15.30	8 - Petrarca	Knee 7	Technique for the patella 1	Hassenpflug, J. (Germany)	Manili, M. (Italy)
16.00 - 17.30	8 - Petrarca	Knee 8	Unicompartmental replacement	Böhler, N. (Austria)	Zatta, G. (Italy)
8.00 - 10.30	9 - Dante	Hip 6	THR non-cemented stem 1	Knahr, K. (Austria)	Rossi, P. (Italy)
11.00 - 12.00	9 - Dante	Hip 7	THR in dysplasia 1	Huten, D. (France)	Moroni, A. (Italy)
16.00 - 17.30	9 - Dante	Hip 8	THR cup revision	Timperley, J. (United Kingdom)	Cabral, R. (Portugal)
14.00 - 15.30	10 - Arnolfo	Tumour 2	Sarcomas 1	Dominkus, M. (Austria)	Mapelli, S. (Italy)
8.00 - 9.00	11 - Masaccio	Paediatrics 1	Club foot 1	Ippolito, E. (Italy)	Cassiano Neves, M. (Portugal)
11.00 - 12.00	11 - Masaccio	Paediatrics 2	Tumours and tumour-like growths in children 1	Napiontek, M. (Poland)	De Sanctis, N. (Italy)
14.00 - 15.30	11 - Masaccio	Paediatrics 3	DDH 1	Wientroub, S. (Israel)	Farsetti, P. (Italy)
16.00 - 17.30	11 - Masaccio	Paediatrics 4	Children fractures 1	Yazici, M. (Turkey)	Boero, S. (Italy)
9.30 - 10.30	12 - Donatello	Osteoporosis 1	Fractures: Incidents and prevention 1	Czerwinski, E. (Poland)	Guido, G. (Italy)

DAY 3 – SUNDAY – MAY 13

TIME	AUDITORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR ITALY
9.30 - 10.30	1 - Michelangelo	Hip 9	Hip impingement 1	Ganz, R. (Switzerland)	Binazzi, R. (Italy)
11.00 - 12.00	1 - Michelangelo	Hip 10	THR polyethylene 1	Gallinaro, P. (Italy)	Nizard, R. (France)
16.00 - 18.00	1 - Michelangelo	Hip 11	THR minimally invasive 1	Krismer, M. (Austria)	Falez, F. (Italy)
11.00 - 12.00	2 - Leonardo	Spine 2	Low back pain 1	Bunger, C. D. (Denmark)	Mariconda, M. (Italy)
14.00 - 15.30	2 - Leonardo	Spine 3	Scoliosis and kyphosis 1	Kaelin, A. (Switzerland)	De Giorgi, G. (Italy)
16.00 - 18.00	3 - Brunelleschi	Knee 9	TKR clinical results 1	Argenson, J. N. (France)	Tudisco, T. (Italy)
8.00 - 9.00	4 - Cimabue	General Orthopaedics 4	Thromboembolism 1	Dahl, Ola (Sweden)	Moretti, B. (Italy)
11.00 - 12.00	4 - Cimabue	Infection 1	Miscellaneous 1	Witsø, E. (Norway)	Da Rin, Ferdinando (Italy)
14.00 - 15.30	4 - Cimabue	General Orthopaedics 5	Haematological complications of surgery 1	Skinner, J. A. (United Kingdom)	Mela, G. (Italy)
8.00 - 9.00	5 - Giotto	Trauma Lower Limb 3	External fixation 1	Lindahl, J. (Finland)	Spinelli, R. (Italy)
14.00 - 15.30	5 - Giotto	Trauma Lower Limb 4	Calcaneal fractures 1	Atkins, R. (United Kingdom)	Pace, N. (Italy)
16.00 - 18.00	6 - Botticelli	Elbow and Forearm 1	Elbow and forearm 1	Stanley, J. (United Kingdom)	Celli, L. (Italy)
9.00 - 10.30	8 - Petrarca	Knee 10	Chondrocytes 1	Bentley, G. (United Kingdom)	Engebretsen, L. (Norway)
11.00 - 12.00	8 - Petrarca	Knee 11	ACL 1	Aglietti, P. (Italy)	Williams, A. (United Kingdom)
14.00 - 15.30	8 - Petrarca	Knee 12	ACL 2	Dowd, G. (United Kingdom)	Buzzi, R. (Italy)
8.00 - 9.00	9 - Dante	Hip 12	Trochanteric fractures 1	Parker, M. (United Kingdom)	Laurenza, F. (Italy)
11.00 - 12.00	9 - Dante	Hip 13	THR ceramics 1	Argenson, J. N. (France)	Cherubino, P. (Italy)
16.00 - 18.00	9 - Dante	Hip 14	THR primary cemented 1	Hernigou, P. (France)	Di Muria, G. V. (Italy)
14.00 - 15.30	10 - Arnolfo	Tumours 3	Prosthesis 1	Winkelman, W. (Germany)	Mercuri, M. (Italy)
8.00 - 9.00	11 - Masaccio	Hand 3	Scaphoid and lunate 1	Kopylov, P. (Sweden)	Landi, A. (Italy)
16.00 - 18.00	11 - Masaccio	Hand 4	Miscellaneous 1	Hovius, S. (Netherlands)	Bufalini, C. (Italy)
9.30 - 10.30	12 - Donatello	Osteoporosis 2	Miscellaneous 2	Swenson, O. (Norway)	Trevisan, C. (Italy)
8.00 - 9.00	13 - Angelico	Foot and Ankle 1	Achilles tendon injuries 1	Fabbriciani, C. (Italy)	Dounis, E. (Greece)
11.00 - 12.00	13 - Angelico	Hand 2	Radial fractures CMCI - flexor tendons 1	Hartmut, S. (Denmark)	Luchetti, R. (Italy)
16.00 - 18.00	13 - Angelico	Foot and Ankle 2	Fusion and arthroplasty 1	Giannini, S. (Italy)	Doets, H. C. (Netherlands)

MODERATORS OF THE FREE PAPER SESSIONS

DAY 4 - MONDAY - MAY 14

TIME	AUDITORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR ITALY
8.00 - 9.30	1 - Michelangelo	Hip 15	Blood loss and thromboembolisms 1	Herberts, P. (Sweden)	Böhler, N. (Austria)
11.00 - 12.00	1 - Michelangelo	Hip 16	Navigation 1	Mattes, T. (Germany)	Merloz, P. (France)
16.00 - 17.30	1 - Michelangelo	Hip 17	THR Complications and approaches 1	Getty, J. (United Kingdom)	Escherl, G.
9.30-10.30	2 - Leonardo	Spine 4	Recent advances 1	Rydevik, B. (Sweden)	Costanzo, G. (Italy)
11.00 - 12.00	2 - Leonardo	Spine 5	Osteoporotic fractures 1	Caceres Palou, E. (Spain)	Mura, P. (Italy)
14.00 - 15.30	2 - Leonardo	Spine 6	Lumbar stenosis and spondylolisthesis 1	Kikuchi, S. (Japan)	Montanaro, A. (Italy)
8.00 - 9.00	4 - Cimabue	General Orthopaedics 6	Evidence-based surgery 1	Mattes, T. (Germany)	Merloz, P. (France)
14.00 - 15.30	4 - Cimabue	General Orthopaedics 7	Bone cement arthritis 1	Knahr, K. (Austria)	Capone, A. (Italy)
8.00 - 9.00	5 - Giotto	Trauma Lower Limb 5	Imaging 1	Mutschler, W. (Germany)	Jannelli, P. (Italy)
14.00 - 15.30	5 - Giotto	Trauma Lower Limb 6	Ankle injuries 1	Redfern, D. (United Kingdom)	Biggi, F. (Italy)
8.00 - 9.30	6 - Botticelli	Shoulder and Arm 4	Instability 1	Hardy, P. (France)	Porcellini, C. (Italy)
11.00 - 12.00	6 - Botticelli	Trauma Upper Limb 3	Distal radial fractures	Volpin, G. (France)	Cugola, L. (Italy)
14.00 - 15.30	6 - Botticelli	Knee 13	Meniscal pathology and treatment 1	Ferretti, A. (Italy)	Bollen, S. (United Kingdom)
16.00 - 17.30	6 - Botticelli	Shoulder and Arm 5	Impingement and rotator cuff tears 1	Habermeyer, P. (Germany)	Castagna, A. (Italy)
8.00 - 10.30	8 - Petrarca	Knee 14	Navigation 1	Merloz, P. (France)	Cinotti, G. (Italy)
11.00 - 12.00	8 - Petrarca	Knee 15	Revision 1	Sparman, M. (Germany)	Zorzi, C. (Italy)
14.00 - 15.30	8 - Petrarca	Infection 2	Miscellaneous 2	Cordera, J. (Spain)	Cicero, G. (Italy)
16.00 - 17.30	8 - Petrarca	Infection 3	Miscellaneous 3	Soriano, A. (Spain)	Romanò, C. L. (Italy)
8.00 - 9.30	9 - Dante	Hip 18	THR metal on metal 1	McMinn, D. (United Kingdom)	Castelli, C. (Italy)
11.00 - 12.00	9 - Dante	Hip 19	THR metal on metal 2	Haddad, F. (United Kingdom)	Randelli, G. (Italy)
14.00-15.30	9 - Dante	Hip 20	Outcome and aim 1	Santori, F. S. (Italy)	Impagliazzo, A. (Italy)
16.00 - 17.30	10 - Arnolfo	Tumours 4	Metastasis 1	Bauer, H. C. (Sweden)	Picci, P. (Italy)
8.00 - 9.00	11 - Masaccio	Paediatrics 5	Deformities 1	Grill, F. (Austria)	Origo, C. (Italy)
14.00 - 15.00	11 - Masaccio	General Orthopaedics 8	New developments in orthopaedics 1	Merloz, P. (France)	Valenti, E. (Italy)
16.00 - 17.30	11 - Masaccio	Paediatrics 6	Hip 1	Kaelin, A. (Switzerland)	Peretti, G. (Italy)
9.30 - 10.30	12 - Donatello	Pain 1	Pain 1	Löhr, J. (Germany)	Perugia, D. (Italy)
8.00 - 9.00	13 - Angelico	Foot and Ankle 3	Ankle instability and osteochondral lesions 1	Nelissen, R. (Netherlands)	Volpe, A. (Italy)
16.00 - 17.30	13 - Angelico	Foot and Ankle 4	Hallux valgus and rigidus 1	De Prado, M. (Spain)	Milano, L. (Italy)

DAY 5 - TUESDAY - MAY 15

TIME	AUDITORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR ITALY
9.00 - 10.30	1 - Michelangelo	Hip 21	Technical aspects DDH and design 1	Learmonth, I. (United Kingdom)	Pipino, F. (Italy)
8.00 - 9.00	2 - Leonardo	Spine 7	Spine fractures and fusion 1	Bago, J. (Spain)	Parisini, P. (Italy)
11.00 - 12.30	2 - Leonardo	Spine 8	Mini invasive surgery prosthesis instrument. 1	Mazel, C. (France)	Menchetti, P.P.M. (Italy)
9.00 - 10.30	3 - Brunelleschi	Knee 16	MIS. Where. Meniscus. 1	Spalding, T. (United Kingdom)	Hofmann Siegfried (Austria)
8.00 - 9.00	4 - Cimabue	General Orthopaedics 9	Miscellaneous 1	Mineiro, J. (Portugal)	Conteduca, F. (Italy)
11.00 - 12.30	4 - Cimabue	General Orthopaedics 10	Bone research 1	Kienapfel, H. (Germany)	Tranquilli Leali, P. (Italy)
8.00 - 9.00	5 - Giotto	Hand 5	Miscellaneous 2	Konstantinos, M. (Greece)	Petrolati, M. (Italy)
9.00 - 10.30	5 - Giotto	Trauma Lower Limb 7	Miscellaneous 1	Bégué, T. (France)	Maiotti, M. (Italy)
11.00 - 12.00	5 - Giotto	Osteo-arthriti 1	Osteoarthritis (non-surgical management) 1	Nelissen, R. (Netherlands)	Rosa, M. A. (Italy)
8.00 - 9.00	6 - Botticelli	Shoulder and Arm	Shoulder girdle lesions 1	Willems, W. J. (Netherlands)	Angeloni, R. (Italy)
11.00 - 12.30	6 - Botticelli	Shoulder and Arm 7	Biomechanics for diagnosis 1	Goelke, F	Russo, R. (Italy)
8.00 - 9.00	7 - Raffaello	Foot and Ankle 5	Ankle arthropathy and plantar fasciitis 1	Suger, G. (Germany)	Giacomo, P. (Italy)
9.00 - 10.00	7 - Raffaello	Foot and Ankle 6	Miscellaneous 1	De Lavigne (France)	Bardelli, M. (Italy)
11.00 - 12.30	7 - Raffaello	Foot and Ankle 7	Miscellaneous 2	Fuhrmann, R. (Germany)	Malerba, F. (Italy)
8.00 - 10.30	8 - Petrarca	Hip 24	Hip fractures: patient care 1	Hoffmeyer, P. (Switzerland)	Tamburella, G. (Italy)
11.00 - 12.00	8 - Petrarca	Hip 25	Hip fractures intracapsular 1	Parker, M. (United Kingdom)	Zagra, L. (Italy)
8.00 - 9.30	9 - Dante	Hip 22	THR stem revision with graft 1	Gradinger, R. (Germany)	D'Imporzano, M. (Italy)
9.30 - 10.30	9 - Dante	General Orthopaedics 11	Non-operative management 1	Czerwinski, E. (Poland)	Manunta, A. (Italy)
11.00 - 12.30	9 - Dante	Hip 23	THR stem revision 1	Huten, D. (France)	Pace, N. (Italy)
8.00 - 9.00	10 - Arnolfo	Infection 4	Septic TJA 1	Rodtlof, A.C. (Germany)	Meani, E. (Italy)
9.00 - 10.30	10 - Arnolfo	Infection 5	Septic TJA 2	Malizos (Greece)	Brach Del Prevert, E. (Italy)
8.00 - 9.30	11 - Masaccio	Trauma Upper Limb 4	Distal radial fractures 2	Kopylov, P. (Sweden)	Ceruso, M. (Italy)
9.30 - 10.30	11 - Masaccio	Trauma Upper Limb 5	Hand and carpal fractures 1	SouKacos, P. (Greece)	Margaritondo, E. (Italy)
11.00 - 12.30	11 - Masaccio	Trauma Upper Limb 6	Elbow and humeral shaft 1	Chantelot, C. (France)	Monteleone, G. (Italy)

NUMBER OF ABSTRACTS RECEIVED BY SEPTEMBER 30, 2006

EFORT has set September 30 as the deadline for abstract submission.

The Florence Congress experienced a record-breaking total of 4,219 abstract submissions (an increase of 419 when compared to the 7th EFORT Congress). Consequently, the rejection rate for free papers was 70%.

The abstracts were evaluated by three independent reviewers, in each category.

NUMBER OF ABSTRACTS RECEIVED BY CATEGORY:

7	Hip (including fractures)	1052
8	Knee (osseous)	451
1	General Orthopaedics	357
12	Trauma lower limb (excluding hip fractures)	259
6	Spine	240
10	Foot and ankle	237
3	Shoulder and arm	230
9	Knee (soft tissues)	221
13	Trauma upper limb	220
2	Paediatrics (orthopaedics and trauma)	216
5	Hand	164
16	Infection	161
14	Tumours	154
11	Trauma (poly, spine, pelvis)	89
18	Osteoporosis	56
4	Elbow and forearm	49
17	Osteoarthritis (non-surgical management)	33
15	Pain	30
TOTAL OF ABSTRACTS RECEIVED:		4,219

ABSTRACTS BY COUNTRY (in decreasing number):

COUNTRY	NO. OF ABSTRACTS RECEIVED	%
United Kingdom	1575	37,3%
Germany	370	8,8%
Italy	363	8,6%
Greece	272	6,4%
Spain	264	6,3%
Switzerland	134	3,2%
United States	120	2,8%
France	106	2,5%
Turkey	87	2,1%
Austria	84	2,0%
Netherlands	58	1,4%
Poland	56	1,3%
Ireland	55	1,3%
Romania	49	1,2%
Denmark	46	1,1%
Japan	46	1,1%
Sweden	45	1,1%
Belgium	42	1,0%
Portugal	40	0,9%
Canada	37	0,9%
Hungary	33	0,8%
Australia	30	0,7%
Czech Republic	23	0,5%
Russian Federation	23	0,5%
Korea, Republic of	22	0,5%
India	21	0,5%
Norway	20	0,5%
Serbia and Montenegro	19	0,5%
Argentina	17	0,4%
Croatia	17	0,4%
Bulgaria	15	0,4%
Slovenia	12	0,3%
Finland	11	0,3%

COUNTRY	NO. OF ABSTRACTS RECEIVED	%
Israel	1	0,2%
Iran, Islamic Republic of	9	0,2%
Albania	8	0,2%
New Zealand	7	0,2%
Bosnia and Herzegovina	6	0,1%
Macedonia, the Former Yugoslav Republic of	6	0,1%
United Arab Emirates	6	0,1%
Lithuania	5	0,1%
Luxembourg	5	0,1%
South Africa	5	0,1%
Venezuela	5	0,1%
Brazil	4	0,1%
Latvia	4	0,1%
Taiwan	4	0,1%
Estonia	3	0,1%
Malawi	3	0,1%
Thailand	3	0,1%
Egypt	2	0,0%
Niger	2	0,0%
Pakistan	2	0,0%
Bahamas, The	1	0,0%
Gaza Strip	1	0,0%
Glorioso Islands	1	0,0%
Grenada	1	0,0%
Iceland	1	0,0%
Malta	1	0,0%
Moldova, Republic of	1	0,0%
Saudi Arabia	1	0,0%
Singapore	1	0,0%
United States Minor Outlying Islands	1	0,0%
TOTAL OF ABSTRACTS RECEIVED:	4219	100%

FRIDAY 11 MAY 2007

	Room 1 MICHELANGELO Hip	Room 2 LEONARDO Spine	Room 3 BRUNELLESCHI Knee	Room 4 CIMABUE Gen Orthop	Room 5 GIOTTO Trauma	Room 6 BOTTICELLI Upper Limb	Room 7 RAFFAELLO Sport, Foot, Arm	Room 8 PETRARCA Upper Limb	Room 9 DANTE Gen Orthop	Room 10 ARNOLFO Tumour/Infec	Room 11 MASACCO Paediatrics	Room 12 DONATELLO Cross-Fire
13.00-14.30	FP Hip 1 1-1-13.00 Primary THR 1 (9)	FP Spine 1 1-2-13.00 Cervical Spine 1 (9)	Symposium 3 Patellar Issues in TKR 1 (9)	Symposium 4 Pain Management in Orthopaedics 1 (9)	FP Trauma Lower Limb 1 1-5-13.00 Fractures around the Knee 1 (12)	FP Trauma Upper Limb 1 1-6-13.00 Shoulder and Trauma Proximal Humerus 1 (18)	Symposium 5 Muscle Injuries in the Athlete 1 (12)	FP Hip 2 1-8-13.00 Resurfacing Technical Aspects 1 (12)	FP General Orthopaedics 2 1-9-13.00 Clinical Trials 1 (12)	FP Tumour 1 1-10-13.00 Grafts 1 (9)	FP Trauma Poli 1 1-11-13.00 Acetabular and Spine Fractures 1 (9)	Cross Fire 1 Infection of THA 1 (9)
14.30-15.00	Symposium 1 Mini-Invasive THR 1 (9)	Symposium 2 Mini-Invasive Surgery in Lumbar Disc Herniation 1 (9)	FP Knee 1 1-3-14.30 TKR General 1 (9)	FP General Orthopaedics 1 1-4-14.30 Trauma Logistics 1 (9)	ICL 1 Reflex Sympathetic Dystrophy 1 (9)		FP Hand 1 1-7-14.30 Carpal Tunnel 1 (9)	ICL 2 How to Write and Evaluate a Scientific Paper 1 (9)	ICL 3 Infection – The Biofilm 1 (9)	Symposium 6 Metastases of Pelvis and Lower Limb 1 (9)	FP Trauma Poli 2 1-11-14.30 Pelvic Fractures 1 (9)	Cross Fire 2 Allergy and Sensitivity to Orthopaedic Implants 1 (9)
15.00-16.00												
16.00-16.30	Break											
16.30-18.00	Opening of Exhibition and Welcome Cocktail (Convention Centre)											
18.30-20.30	Official Opening Ceremony (Florence Cathedral, Duomo)											

FRIDAY

11 MAY 2007

AUDITORIUM 1 - MICHELANGELO

FREE PAPERS: PRIMARY THR 1 13.00 - 14.30
HIP1 MODERATORS: PFÖRRINGER, W. (GERMANY); MIGAUD, H. (FRANCE)

13.00	F1	Survivorship of cemented JRI total hip replacement with metal-backed acetabulum Botan, N. / Botan, N.; Fourie, B.; Scott, S.; Shaw, N.
13.10	F2	Long-term bone remodelling in HA-coated Corail stems. An independent radiographic review of 208 THA with 15 to 20 years of follow-up. Boldt, J. / Boldt, J.; Cartillier, J.; Machenaud, A.; Vidalain, J.
13.20	F3	Outcome of an extensively HA-coated stem at 18-year follow-up. A prospective study of 615 cases. Vidalain, J./ Vidalain, J.; Machenaud, A.; Cartillier, J.
13.30	F4	Results of a hydroxyapatite-coated modular femoral stem in primary total hip arthroplasty. A minimum five-year follow-up. Garcia-Rey, E. / Garcia-Rey, E.; Muñoz, T.; Montejo, J.; Martinez, J.
13.40	F5	A randomised prospective trial to compare two designs of hydroxyapatite-coated femoral stems for total hip replacement Gill, K. E. / Gill, K. E.; Edge, J.
13.50	F6	Osteointegration of Corail stems. Histology of 49 human retrievals in a ten-year period Hardy, D. / Hardy, D.
14.00	F7	Long-term results of 586 cementless primary total hip arthroplasties using fully HA-coated endoprostheses Raman, R. / Raman, R.; Eswaramoorthy, V.; Dickson, D.; Angus, P.
14.10	F8	Femoral fit in ABG-II hip stems: Influence on clinical outcome and bone remodelling De Kramer, B. J. / De Kramer, B. J.; Van der Wal, B. C.; Grimm, B.; Heyligers, I. C.; Tonino, A. J.
14.20	F9	Post-mortem histological analysis of HA-coated hip stems: Bone ongrowth and HA reabsorption Tonino, A. J. / Tonino, A. J.; Grimm, B.; Van der Wal, B. C.; Heyligers, I. C.

SYMPOSIUM 1 MINI-INVASIVE THR 14.30 - 16.00
MODERATORS: KRISMER, M. (AUSTRIA)

	Approaches Soballe, K. (Denmark)
	Impact of MIS on complications and survival Lindgren, U. (Sweden)
	Potential benefit of MIS: Comparison studies Günther, K.P. (Germany)
	The future of MIS THR Krismer, M. (Austria)

AUDITORIUM 2 - LEONARDO

FREE PAPERS: SPINE 1

CERVICAL SPINE 1

MODERATORS: KEHR, P. (FRANCE); LOGROSCINO, C. (ITALY)

13.00 - 14.30

13.00	F10	A prospective case control analysis comparing cervical threaded fusion cages to non-instrumented bone only anterior cervical decompression and fusion (ACDF) for a single level cervical disc disease from C3 to C7 Bhagat, S. / Bhagat, S.; Modi, J.; Pillai, D.; Bhalodiya, H.
13.10	F11	Anterior cervical discectomy and fusion or disc arthroplasty for a single level cervical disc disease: a comparative study of outcome and cost-effectiveness of four different techniques Kakkar, R. / Kakkar, R.; Siva Raman, A.; Bhadra, A.; Sirigiri, P.; Rai, A.; Casey, A.; Crawford, R.
13.20	F12	Arthroplasty versus interbody fusion techniques in the treatment of degenerative disc disease in the cervical spine Behensky, H. / Behensky, H.; Walochnik, N.; Bach, C.; Rosiek, R.; Winter, P.; Liebensteiner, M.; Krismer, M.
13.30	F13	Cervical interbody fusion with a hydroxyapatite ceramic (HAC)-titanium cage - Clinical and radiological results in 596 patients with soft and hard disc prolapses Daentzer, D. / Daentzer, D.; Asamoto, S.; Böker, D.
13.40	F14	Skip laminectomy vs laminoplasty for cervical myelopathy: case series with clinical and radiological outcome Bhadra, A. K. / Bhadra, A. K.; Raman, A. S.; Rai, A.; Casey, A. T. H.; Crawford, R. J.
13.50	F15	Is Delta-V a good parameter to describe the risk of cervical spine injuries due to whiplash? Kramer, M. / Kramer, M.; Dehner, C.; Elbel, M.; Kinzl, L.
14.00	F16	Kinesiologial EMG and control of movements with a virtual reality system enable a reliable diagnosis of functional disturbances after QTF grade II whiplash injuries Elbel, M. / Elbel, M.; Dehner, C.; Kinzl, L.; Kramer, M.
14.10	F17	Odontoid process fractures. A new classification Mavrogenis, A. F. / Mavrogenis, A. F.; Liantis, P.; Kontovazenitis, P.; Papagelopoulos, P. J.; Korres, D. S.
14.20	F18	Long-term paraplegia and the shoulder. A comparison of functional and structural changes in paraplegic patients and controls Akbar, M. / Akbar, M.; Balean, G.; Seyler, T. M.; Gerner, H. J.; Loew, M.

SYMPOSIUM 2

MINI-INVASIVE SURGERY IN LUMBAR DISC HERNIATION

MODERATORS: STRÖMQVIST, B. (SWEDEN)

14.30 - 16.00

Anti-TNF treatment: biologic and clinical perspectives
Rydevik, B. (Sweden)

Ultrasound treatment of contained lumbar disc herniation
Strömqvist, B. (Sweden)

Percutaneous laser disc decompression: Rationale and results at 3 years of follow-up
Menchetti, P.P.M. (Italy)

Minimally invasive surgical options: overview and therapeutic algorithm
Bini, W. (Germany)

Micro-discectomy: the "gold" standard
Papavero, L. (Germany)

FRIDAY

11 MAY 2007

AUDITORIUM 3 - BRUNELLESCHI

SYMPOSIUM 3 PATELLAR ISSUES IN TKR 13.00 - 14.30
MODERATORS: AGLIETTI, P. (ITALY)

-
- Patellar resurfacing in TKA
Aglietti, P. (Italy)
-
- Resurfacing vs non-resurfacing, a randomized study
Munzinger, U. (Switzerland)
-
- Patellar resurfacing in total knee arthroplasty
Bentley, G. (United Kingdom)
-
- Patellar complications and treatment in TKA
Bonnin, M. (France)
-
- Patellar complications and treatment in TKA
Huten, D. (France)

FREE PAPERS: TKR GENERAL 1 14.30 - 16.00
KNEE 1 MODERATORS: MUNZIGER, U. (SWITZERLAND); GASPARINI, G. (ITALY)

-
- 14.30 F19 Medial tibial plateau anatomy in normal and early antero-medial OA knees
Lankester, B. J. A. / Lankester, B. J. A.; Cottam, H. L.; Pinskerova, V.; Eldridge, J. D.; Freeman, M. A. R.
-
- 14.40 F20 Improvement of the metal-bone cement adhesion in cemented total knee arthroplasty
Mumme, T. / Mumme, T.; Marx, R.; Mueller-Rath, R.; Andereya, S.; Wirtz, D.
-
- 14.50 F21 TKA and obesity. BMI and weight changes after TKA
Moreno, N. / Moreno, N.; De la Torre, M.; Luis, R.
-
- 15.00 F22 Blood transfusion from re-infusion systems in TKA - Comparison of different wound drainage techniques
Martin, A. / Martin, A.; Prenn, M.; Wohlgenannt, O.; Von Stempel, A.
-
- 15.10 F23 External and hidden blood loss in total knee arthroplasty with and without lateral patellar release
Luque, V. J. / Luque, V. J.; Roa, J. C.; Porcel, M. T.; Quiles, M.
-
- 15.20 F24 The effect of the timing of tourniquet release on perioperative blood loss in simultaneous bilateral cemented total knee arthroplasty: A prospective randomized study
Thorey, F. / Thorey, F.; Stukenborg-Colsman, C.; Von Lewinski, G.; Wirth, C.; Windhagen, H.
-
- 15.30 F25 The role of the Oxford knee score and the American Knee Society score in monitoring the medium and long-term outcome of total knee replacements: Can we reduce follow-up costs?
Medalla, G. A. / Medalla, G. A.; Moonot, P.; Okonkwo, U.; Kalairajah, Y.; Field, R. E.
-
- 15.40 F26 Function scores after total knee replacement are influenced by socio-economic status
Nicoll, D. / Nicoll, D.; Mahayni, H.; Rowley, D.
-
- 15.50 F27 Knee - range of motion: Can we believe the goniometer reading?
Trappler, R. / Trappler, R.; Smith, E.; Goldberg, G.; Parvizi, J.; Hozack, W. J.

AUDITORIUM 4 - CIMABUE

SYMPOSIUM 4 PAIN MANAGEMENT IN ORTHOPAEDICS 13.00 - 14.30 MODERATORS: CASSER, H.R. (GERMANY)

Development and maintenance of chronic pain
Zieglgansberger, W. (Germany)

Pain analysis and clinical consequences
Locher, H. (Germany)

Interdisciplinary therapy
Casser, H.R. (Germany)

FREE PAPERS: TRAUMA LOGISTICS 1 14.30 - 16.00 GENERAL MODERATORS: SZENDROI, M. (HUNGARY); DORIA, C. (ITALY) ORTHOPAEDICS 1

14.30	F28	Ubiquitin ligases MuRF1 and MAFbx in human muscle atrophy De Palma, L. / De Palma, L.; Marinelli, M.; Pavan, M.; Orazi, A.
14.40	F29	Is the journal club dead? A study to evaluate the frequency, format and goals of journal clubs conducted in orthopaedic training programs in the UK. Hamilton, P. / Hamilton, P.; Edwards, M.; Bismil, Q.; Bendall, S.; Ricketts, D.
14.50	F30	Trauma: Intra-specialty specialist referrals Khurana, A. / Khurana, A.; Kadambande, S.; Kulkarni, R.
15.00	F31	Trauma surgery: An occupational hazard? Khurana, A. / Khurana, A.; Tanaka, H.
15.10	F32	The history of the decline of operative orthopaedic training in the UK. How do we ensure competency in training? Ahluwalia, R. S. / Ahluwalia, R. S.; Matthews, S.; Slater, R. N. S.
15.20	F33	Changing patterns of orthopaedic trauma admissions. A 5-year review Bahari, S. / Bahari, S.; Lenehan, B.; McElwain, J.
15.30	F34	Time cost of digital imaging (CD) in orthopaedic clinics Juenemann, S. / Juenemann, S.; Hasler, C.; Brunner, R.
15.40	F35	Analysis of knee joint biomechanics during cycling in patients with total knee arthroplasty Martin, A. / Martin, A.; Caglar, O.; Müller, M.; Senner, V.; Sheinkop, M. B.; Wimmer, M. A.
15.50	F36	Three point moulding: Fibreglass casts compared with plaster casts Bansal, R. / Bansal, R.; Bouwman, N.; Hardy, S. J.

FRIDAY

11 MAY 2007

AUDITORIUM 5 - GIOTTO

FREE PAPERS: FRACTURES AROUND THE KNEE 1 13.00 - 15.00
TRAUMA MODERATORS: HEINI, P. (SWITZERLAND); JELMONI, G. (ITALY)
LOWER LIMB 1

13.00	F37	An analysis of different forms of surgical fixation for avulsion fractures of anterior tibial spine Lakshmanan, P / Lakshmanan, P.; Sharma, A.; Peehal, J. P.; David, H.
13.10	F38	Minimal invasive surgery in tibial plateau fractures Betti, E. / Betti, E.; Vitale, M.; Vaglini, M.
13.20	F39	Hybrid fixation for high-energy tibial plateau fractures. Knee recovery at 7 years of follow up Katsenis, D. / Katsenis, D.; Kouris, A.; Schoinochoritis, N.; Savas, N.; Pogiatis, K.
13.30	F40	Augmentation of tibial plateau fractures with trabecular metal: A biomechanical study Rouleau, D. / Rouleau, D.; Benoit, B.; Laflamme, Y. G.; Yahia, L.
13.40	F41	Arthroscopically assisted reduction and internal fixation of tibial plateau fractures Ricci, M. / Ricci, M.; Vecchini, E.; Costa, A.; Sgarbossa, A.; Bartolozzi, P.
13.50	F42	Low profile plate fixation of tibial plateau fractures - Functional outcome Rajkumar, S. / Rajkumar, S.; Nagarajah, K.; Moiz, M.
14.00	F43	Traumatic dislocations of the knee - A retrospective clinical evaluation Hirschmann, M. T. / Hirschmann, M. T.; Rychen, T.; Lorez, L. G.; Friederich, N. F.
14.10	F44	Minimally invasive surgery for comminuted supracondylar femur fractures with LISS: Comparative study between multiple injured and isolated femur fractures Kayalı, C. / Kayalı, C.; Agus, H.; Turgut, A.
14.20	F45	Treatment of proximal tibia fractures with less invasive system plates Carfagni, A. / Carfagni, A.; D'imperio, F.; Rendine, M.; Razzano, M.
14.30	F46	Less invasive internal fixation for complex peri-articular fractures of the tibia - A District Trauma Unit experience over 4 years Erturan, G. / Erturan, G.; Deo, S. D.; Brooks, R. A.
14.40	F47	Treatment of distal femoral fractures. A comparison of supracondylar nail (SCN) and LISS plate. Vastmans, J. / Vastmans, J.; Poetzel, T.; Hauck, S.; Buehren, V.
14.50	F48	Treatment of tibia fractures with the Expert Tibia Nail - Results of a prospective, multi-center study Attal, R. / Attal, R.; Müller, M.; Hansen, M.; Bail, H.; Kirjavainen, M.; Hammer, T.; Blauth, M.; Höntzsch, D.; Rommens, P.

ICL 1 REFLEX SYMPATHETIC DYSTROPHY 15.00 - 16.00
MODERATORS: ATKINS (UNITED KINGDOM)

AUDITORIUM 6 – BOTTICELLI

FREE PAPERS: TRAUMA UPPER LIMB 1

SHOULDER AND TRAUMA PROXIMAL HUMERUS 1 MODERATORS: WALLENSTEN, R. (SWEDEN); GAMBRIOLI, P. (ITALY)

13.00 – 16.00

13.00	F49	Multi-detector CT scan in shoulder fractures Athanasopoulou, A. / Athanasopoulou, A.; Psychoyios, V.; Galani, G.; Dinopoulos, H.; Domazou, M.; Tsamatropoulos, A.
13.10	F50	Four-part proximal humeral fractures: Diagnosis with the sunset sign on antero-posterior radiographs Chidambaram, R. / Chidambaram, R.; Kachramanoglou, C.; Mok, D.
13.20	F51	The outcome of scapular fractures Speigner, B. / Speigner, B.; Gosens, T.
13.30	F52	Rockwood pin fixation of clavicle fractures Ahmad, S. / Ahmad, S.; Jahraja, H.; Sunderamoorthy, D.; Barnes, K.; Sanz, L.; Waseem, M.
13.40	F53	Clavicular hook plate: Not an ideal implant Taneja, T. / Taneja, T.; Zaher, D.; Koukakis, A.; Apostolou, C.; Owen-Johnstone, S.; Bucknill, T.; Amini, A.; Goodier, D.; Achan, P.
13.50	F54	Tendon graft reconstruction for grade IV and V acromioclavicular dislocation. Short-term results Dezillie, M. / Dezillie, M.; Pouliart, N.; Handelberg, F.
14.00	F55	A new concept and surgical technique for the reconstruction of complex fractures of the proximal humerus. Russo, R. / Russo, R.; Ciccarelli, M.; Vernaglia Lombardi, L.; Giudice, G.; Gallo, M.; Cautiero, F.
14.10	F56	Minimally invasive (MI) internal fixation of fractures of the proximal humerus (PH) using the Non-Contact-Bridging (NCB®) plate. 35 cases with an average follow-up of 1 year Roederer, G. / Roederer, G.; Gebhard, F.; Kinzli, L.
14.20	F57	Results with the LPHP plate for proximal humeral fractures De Baere, T. / De Baere, T.; Lequint, T.
14.30	F58	A multi-center evaluation of complication risks and functional outcome after ORIF with an angular stable form plate in displaced proximal humerus fractures Brunner, F. / Brunner, F.; Sommer, C.; Bahrs, C.; Heuwinkel, R.; Häfner, C.; Rillmann, P.; Kohut, G.; Müller, M.; Babst, R.
14.40	F59	Angle stable nailing for proximal humerus fractures – An international multi-center study Blum, J. / Blum, J.; Hansen, M.; Müller, M.; Rommens, P. M.; Matuschka, H.; Olmeda, A.
14.50	F60	Osteosynthesis of proximal humeral fractures by PHILOS plating Maripuri, S. N. / Maripuri, S. N.; Lewis, D.; Evans, R.; Dent, C.; Williams, R.
15.00	F61	Three or four-part fracture of the proximal humerus in elderly patients: Anatomical or reversed prosthesis? Short-term evaluation with a prospective comparative continued study Obert, L. / Obert, L.; Clappaz, P.; Gallinet, D.; Garbuio, P.
15.10	F62	Proximal humeral fracture: our experience with the T2 antegrade nail. Akiki, A. / Akiki, A.; Arlettaz, Y.
15.20	F63	A new osteosynthesis system for the treatment of complex fractures of the proximal third of the humerus Russo, R. / Russo, R.; Vernaglia Lombardi, L.; Ciccarelli, M.; Giudice, G.; Cautiero, F.
15.30	F64	Rotator cuff after antegrade intramedullary nail Cerciello, S. / Cerciello, S.; Visci, F.; Pezzillo, F.; Maccauro, G.; Di Gregorio, F.; Nizegorodcew, T.
15.40	F65	The terrible triad of the shoulder Fox, M. / Fox, M.; Lambert, S.; Birch, R.
15.50	F66	Multiple-region scapular fractures had more severe chest injury than single region fractures: A prospective study of 107 blunt trauma patients Lunsjö, K. / Lunsjö, K.; Tadros, A.; Czechowski, J.; Abu-Zidan, F.

FRIDAY

11 MAY 2007

AUDITORIUM 7 - RAFFAELLO

SYMPOSIUM 5 MUSCLE INJURIES IN THE ATHLETE 13.00 - 14.30
MODERATORS: BOLLEN, S. (UNITED KINGDOM)

Imaging of muscle injuries
Grainger, A. (United Kingdom)

Ilio-tibial band friction syndrome
Fairclough, J. (United Kingdom)

Groin pain
Hackney, R. (United Kingdom)

Compartment syndromes of the lower limb
Allan, M. (United Kingdom)

Hamstring injuries
Bollen, S. (United Kingdom)

**FREE PAPERS:
HAND 1 CARPAL TUNNEL 1 14.30 - 16.00**
MODERATORS: VILHJALMUR, F. (NORWAY); SADUN, R. (ITALY)

14.30 F67 Outcome of carpal tunnel decompression: The influence of age and occupation
Majid, I. M. / Majid, I. M.; Ibrahim, T.; Clarke, M.; Kershaw, C. J.

14.40 F68 Prevalence of and risk factors for upper extremity musculoskeletal symptoms and disorders among computer users: A cross-sectional study with special emphasis on carpal tunnel syndrome
Haentjens, P. / Haentjens, P.; Verheughe, D.

14.50 F69 A prospective randomised control trial for use of splints for carpal tunnel syndrome (CTS)
Kapoor, A. / Kapoor, A.; Rafiq, I.; Harvey, P.; Murali, R.

15.00 F70 Peroperative median nerve blushing, a predictor of adequate decompression!
Syed, T. A. / Syed, T. A.; Shah, Y. R.; Chennagiri, R.; Wetherill, M. H.

15.10 F71 Abductor digiti minimi flap in recurrent carpal tunnel syndrome
Psychoyios, V. / Psychoyios, V.; Villanueva-Lopez, F.; Dakis, K.; Kinnas, P.

15.20 F72 Use of silicone sheath in treatment of recurrent carpal tunnel syndrome
Gaheer, R. S. / Gaheer, R. S.; Ratnam, A.

15.30 F73 Carpal tunnel release in the over 75s: Is it wise?
Taneja, T. / Taneja, T.; Ellahee, N.; Patel, R.; Ollivere, B.; Nairn, D.; MahaluxmiVala, J.; Achan, P.; Curry, S.; Goodier, D.

15.40 F74 Comparing the outcome of a carpal tunnel decompression at two weeks and six months
Mallick, A. / Mallick, A.; Clarke, M.; Kershaw, C. J.

15.50 F75 Patient satisfaction following carpal tunnel decompression: A comparison of patients with and without osteoarthritis of the wrist
Joshy, S. / Joshy, S.; Deshmukh, S. C.; Thomas, B.

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SHARING EXPERTISE

FRIDAY

11 MAY 2007

AUDITORIUM 8 – PETRARCA

FREE PAPERS: RESURFACING: TECHNICAL ASPECTS 1 13.00 – 15.00
HIP 2 MODERATORS: MIGAUD, H. (FRANCE); BENAZZO, F. (ITALY)

13.00	F76	The antero-lateral approach is less damaging to femoral head blood supply than the posterior approach during hip resurfacing Steffen, R. / Steffen, R.; O'Rourke, K. S.; Urban, J. P.; Gill, H. S.; Beard, D. J.; McLardy-Smith, P.; Murray, D. W.
13.10	F77	A biomechanical and finite element analysis of femoral neck notching using the Birmingham hip resurfacing Davis, E. T. / Davis, E. T.; Olsen, M.; Zdero, R.; Papini, M.; Waddell, J.; Schemitsch, E.
13.20	F78	Comparison of cup sizes in uncemented and resurfacing arthroplasty Costa, M. / Costa, M.; Prakash, U.; Forguet, P.
13.30	F79	Theoretical and clinical impaction loads during hip resurfacing surgery Gillies, R. M. / Gillies, R. M.; Hogg, M.; Donohoo, S. M.; Kohan, L.
13.40	F80	Comparison of the macro and microstructure of hip resurfacing implants Heisel, C. / Heisel, C.; Schneider, D.; Menge, M.; Kretzer, J.
13.50	F81	Femoral blood flow during hip resurfacing: a comparison of two approaches using laser Doppler flow measurement Costa, M. / Costa, M.; Amarasekera, H.; Prakash, U.; Forguet, P.; Krikler, S.; Griffin, D.
14.00	F82	Effect of hip resurfacing orientation on femoral neck remodelling – A finite element study Gillies, R. M. / Gillies, R. M.; Hogg, M.; Kohan, L.
14.10	F83	Minimally invasive hip resurfacing – Technique and early results Chana, G. S. / Chana, G. S.
14.20	F84	Assessment of the accuracy of imageless computer navigation in positioning the Birmingham hip resurfacing: A cadaveric study Davis, E. T. / Davis, E. T.; Gallie, P.; Macgroarty, K.; Waddell, J.; Schemitsch, E.
14.30	F85	One or two-stage bilateral metal-on-metal hip resurfacing arthroplasty McBryde, C. / McBryde, C.; Dhene, K.; Pearson, A.; Pynsent, P.; Treacy, R.
14.40	F86	Metal-on-metal hip resurfacing for obese patients Amstutz, H. C. / Amstutz, H. C.; Le Duff, M. J.; Dorey, F. J.
14.50	F87	Pulse-lavage, trochanteric suction and early reduction reduces thermal damage potential during hip resurfacing Gill, H. S. / Gill, H. S.; Campbell, P. A.; Sabokbar, A.; Murray, D. W.; De Smet, K. A.

ICL 2 HOW TO WRITE AND EVALUATE A SCIENTIFIC PAPER 15.00 – 16.00
MODERATORS: SCOTT / HECKMAN (UNITED KINGDOM/USA)

AUDITORIUM 9 - DANTE

FREE PAPERS: GENERAL ORTHOPAEDICS 2

CLINICAL TRIALS 1

MODERATORS: THORNGREN, K.G. (SWEDEN); BUDA, R. (ITALY)

13.00 - 15.00

13.00	F88	Reviewer agreement in scoring 419 abstracts for scientific orthopaedic meetings Poolman, R. W. / Poolman, R. W.; Keijser, L. C.; De Waal Malefijt, M. C.; Blankevoort, L.; Farrokhyar, F.; Bhandari, M.
13.10	F89	Judging an article's level-of-evidence from its abstract: Can it be done successfully? Dettori, J. / Dettori, J.; Norvell, D.; Hanson, B.; Kopjar, B.
13.20	F90	Reporting of outcomes in orthopaedic randomized trials: Does blinding of outcome assessors matter? Poolman, R. W. / Poolman, R. W.; Struijs, P. A.; Krips, R.; Sierevelt, I. N.; Marti, R. K.; Farrokhyar, F.; Zlowodzki, M.; Bhandari, M.
13.30	F91	Does a "Level I Evidence" rating imply high quality of reporting in orthopaedic randomised controlled trials? Poolman, R. W. / Poolman, R. W.; Struijs, P. A.; Krips, R.; Sierevelt, I. N.; Lutz, K. H.; Zlowodzki, M.; Bhandari, M.
13.40	F92	Sub-vastus versus medial para-patellar arthrotomy for total knee arthroplasty (SMAK): A randomised controlled trial Maffulli, N. / Maffulli, N.; Walley, G.; Bridgman, S.; Clement, D.; Griffiths, D.; Mackenzie, G.
13.50	F93	In vitro and in vivo optimisation of impaction allografting by demineralisation and addition of rh-OP-1 Tsiridis, E. / Tsiridis, E.; Ali, Z.; Bhalla, A.; Gamie, Z.; Heliotis, M.; Gurav, N.; Deb, S.; DiSilvio, L.
14.00	F94	Is it possible to calculate minimum provider volumes for total knee replacement by means of routine data? Results of a threshold value analysis of German quality assurance data for in-patient treatment Schraeder, P. K. / Schraeder, P. K.; Grooven, U.; Bender, R.
14.10	F95	Safety of fondaparinux in patients undergoing major orthopaedic surgery with a neuraxial catheter for anaesthesia/analgesia: The expert observational study Rosencher, N. / Rosencher, N.; Singelyn, F. J.; Verheyen, C. C.; Piovella, F.; Van Aken, H. K.
14.20	F96	A prospective study of predictors of transfusion in TKR Rainey, G. J. / Rainey, G. J.; Khan, S.; Brenkel, I.
14.30	F97	The role of anaesthesia and the anaesthetist in reducing the length of stay after primary total hip replacement Shetty, V. D. / Shetty, V. D.; Vowler, S. L.; Villar, R. N.
14.40	F98	Does a knee magnetic resonance imaging scan for patients on waiting lists for knee arthroscopy reduce the number of arthroscopies? Maffulli, N. / Maffulli, N.; Bridgman, S.; Richards, P.; Walley, G.; Clement, D.; MacKenzie, G.; Al-tawarah, Y.; Griffiths, D.
14.50	F99	MRI follow-up results (1 to 4 years) after autologous osteochondral transplantation in traumatic and degenerative defects of femoral condyles and talus Kokkinakis, M. C. / Kokkinakis, M. C.; Kafchitsas, K.; Rajeev, A.; Mortier, J.; Engelhardt, M.

ICL 3

INFECTION - THE BIOFILM

MODERATORS: MAZILOS (GREECE)

15.00 - 16.00

FRIDAY

11 MAY 2007

AUDITORIUM 10 – ARNOLFO

FREE PAPERS: TUMOUR 1 GRAFTS 1 13.00 – 14.30
MODERATORS: GRIMER, R. (UNITED KINGDOM); MUGNAINI, M. (ITALY)

13.00	F100	Bioreactor-based engineering of osteoinductive grafts Jakob, M. / Jakob, M.; Dick, W.; Heberer, M.; Martin, I.
13.10	F101	Long-term survival of large allografts in tumour surgery Matejovsky, Z. A. / Matejovsky, Z. A.; Matejovsky, Z.; Kofránek, I.; Krystlík, Z.
13.20	F102	Distal femur osteoarticular allograft reconstruction after tumour resection Aponte-Tinao, L. A. / Aponte-Tinao, L. A.; Farfalli, G.; Politi, B.; Abalo, E.; Ayerza, M.; Muscolo, D.
13.30	F103	Unicompartmental osteoarticular allografts of the knee: Survival analysis and complications Ayerza, M. A. / Ayerza, M. A.; Farfalli, G.; Abalo, E.; Aponte-Tinao, L.; Muscolo, D. L.
13.40	F104	Outcome of proximal tibia osteoarticular allograft reconstruction after tumour resections Abalo, E. / Abalo, E.; Farfalli, G.; Politi, B.; Aponte-Tinao, L.; Ayerza, M.; Muscolo, D. L.
13.50	F105	Ankle arthrodesis with bone grafts in tumour surgery Campanacci, D. A. / Campanacci, D. A.; Scoccianti, G.; Mugnaini, M.; Beltrami, G.; Ciampalini, L.; De Biase, P.; Capanna, R.
14.00	F106	Functional outcome following limb salvage surgery for malignant tumours of fibula Khan, S. A. / Khan, S. A.
14.10	F107	Oncological and functional results of curettage and cryosurgery for enchondromas and low-grade chondrosarcomas Van der Geest, I. / Van der Geest, I.; De Valk, M.; Schreuder, H.; Veth, R.
14.20	F108	Bridging of diaphyseal bone defects with a modular intermedullary spacer system Lob, G. / Lob, G.; Heppert, V.; Laun, R.; Lob, T.; Rabenseifner, L.

SYMPOSIUM 6 METASTASES OF PELVIS AND LOWER LIMB 14.30 – 16.00
MODERATORS: EWERBECK, V. (GERMANY)

		Metastases of pelvis and lower limb: Where is the problem? Ewerbeck, V. (Germany)
		Pelvic metastases: The benefits of surgery. Is there a place for mega-prostheses? Windhager, R. (Austria)
		Metastases of lower limb: Internal fixation of replacement? Bauer, H.C. (Sweden)
		Minimally invasive procedures in the treatment of pelvic and lower limb metastases Capanna, R. (Italy)

AUDITORIUM 11 – MASACCIO

FREE PAPERS: ACETABULAR AND SPINE FRACTURES 1 13.00 – 14.30 TRAUMA POLI 1 MODERATORS: VECSEY, V. (AUSTRIA); PAPPALARDO, S. (ITALY)

13.00	F109	Treatment of acetabular fractures with a modified Kocher–Langenbeck approach Krueger, A. / Krueger, A.; Tannast, M.; Kohl, S.; Beck, M.; Siebenrock, K.
13.10	F110	Acetabular fractures: A new CT-based classification Tamburella, G. / Tamburella, G.; Are, A.
13.20	F111	Minimally invasive fixation of acetabular fractures Pizzoli, A. / Pizzoli, A.; Rossi, N.
13.30	F112	The outcome of surgically treated displaced acetabular fractures at a minimum of 10 years of follow up Darmanis, S. / Darmanis, S.; Leckenby, J.; Mansoor, A.; Lewis, A.; Bircher, M.
13.40	F113	Outcome using spring plates for posterior wall acetabular fractures Mutimer, J. / Mutimer, J.; Ockendon, M.; Chesser, T.; Anthony, W.
13.50	F114	Epidemiology of thoracolumbar spine fractures – A nationwide study in Sweden Jansson, K. Å. / Jansson, K. Å.; Svedmark, P.; Buskens, E.; Larsson, M.; Blomqvist, P.; Adami, J.
14.00	F115	Fractures and dislocations of the thoracic spine. Treatment with posterior stabilization and decompression Kelalis, G. H. / Kelalis, G. H.; Zahariou, K.; Kollintzas, L.; Kalampokis, A.; Morakis, A.
14.10	F116	Associated injuries in trauma patients with spinal injury Anand, B. / Anand, B.; Anand, A.; Sutcliffe, J.; Akmal, M.
14.20	F117	Return to work after severe multiple injuries – A multidimensional approach on status 1 and 2 years post-injury Soberg, H. L. / Soberg, H. L.; Finset, A.; Bautz–Holter, E.; Sandvik, L.; Roise, O.

FREE PAPERS: PELVIC FRACTURES 1 14.30 – 16.00 TRAUMA POLI 2 MODERATORS: PETER, R. (SWITZERLAND); ORANSKY, M. (ITALY)

14.30	F118	Associated injuries – and not fracture instability – predict mortality in pelvic fractures: A prospective study of 100 patients Lunsjö, K. / Lunsjö, K.; Tadros, A.; Hauggaard, A.; Blomgren, R.; Abu-Zidan, F.
14.40	F119	Radiological evaluation of acetabular and pelvic fractures using the multi-detector CT scan Athanasopoulou, A. / Athanasopoulou, A.; Psychoyios, V.; Galani, G.; Dinopoulos, H.; Paisios, O.
14.50	F120	A review of the treatment of pelvic ring fractures Sokólski, B. / Sokólski, B.; Caban, A.; Zawadzki, A.; Francuz, I.; Szydłowski, D.; Wojnarski, K.
15.00	F121	The endoscopic methods in treatment of patients with pelvic injuries Milukov, A. Y. / Milukov, A. Y.
15.10	F122	The treatment of pelvic fractures in patients with polytrauma Milukov, A. Y. / Milukov, A. Y.; Pronskih, A. A.; Agadzhanian, V. V.
15.20	F123	The role of pelvic stabilisation and packing in the management of uncontrollable haemorrhage associated with an unstable pelvic fracture: A pilot study Wadia, F. D. / Wadia, F. D.; Smith, M. R.; Vrahas, M.; Velmahos, G.; Alam, H.; Demoya, M.
15.30	F124	Extraperitoneal pelvic packing – A salvage procedure to control massive pelvic haemorrhage Tötterman, A. / Tötterman, A.; Madsen, J. E.; Skaga, N. O.; Röise, O.
15.40	F125	The efficacy and safety of Enoxaparin following acetabular and pelvic fractures Tsiridis, E. / Tsiridis, E.; George, M.; Hamilton–Baillie, D.; Gamie, Z.; Upadhyay, N.; Giannoudis, P.
15.50	F126	Return to sport and quality of life following fixation of pelvic or acetabular fractures Kheir, E. / Kheir, E.; Tsiridis, E.; Mehta, S.; Giannoudis, P.

FRIDAY

11 MAY 2007

AUDITORIUM 12 - DONATELLO

CROSS-FIRE 1 INFECTION OF THA 13.00 - 14.30
MODERATORS: ASCHERL, R. (GERMANY)

Clinical microbiology and peri-prosthetic infection
Frommelt, I. (Germany)

Antibiotic therapy of implant infections
Rodloff, A.C. (Germany)

Hygiene in operation theatres: Myth and clinical reality
Heppert, V. (Germany)

Modified single-stage revision in total hip infection
Neurgebauer, R.(Germany)

Multiple-stage revision in severe infection of THA
Ascherl, R.R. (Germany)

CROSS-FIRE 2 ALLERGY AND SENSITIVITY TO ORTHOPAEDIC IMPLANTS 14.30 - 16.00
MODERATORS: HADDAD, F. (UNITED KINGDOM)

Implant failures and complications: The potential role of allergy and sensitivity
Haddad, F. (United Kingdom)

Metal-on-metal: A pain-free solution
McMinn, D. (United Kingdom)

From skin to bone and joint
Gawkrödger

SATURDAY 12 MAY 2007

Room 1 MICHELANGELO Hip	Room 2 LEONARDO Spine	Room 3 BRUNELLESCHI Knee	Room 4 CIMABUE Gen Orthop	Room 5 GIOTTO Trauma	Room 6 BOTTICELLI Upper Limb	Room 7 RAFFAELLO Sport, Foot, Arm	Room 8 PETRARCA Upper Limb	Room 9 DANTE Gen Orthop	Room 10 ARNOLFO Tumour/Intec	Room 11 MASACCIO Paediatrics	Room 12 DONATELLO Cross-Fire	Room 13 ANGELICO	Room 14 VASARI	Room 15 DELLA ROBBIA	Palazzo dei Congressi AUDITORIUM	
08.00-08.30	FP Hip 3 2-1-08.00 Resurfacing Results and Complications 1 (9)	EULAR EFORT PROGRAMME	FP General Orthopaedic 3 2-4-08.00 Survivorship, Complications of Surgery 1 (6)	FP Trauma Lower Limb 2 2-5-08.00 Femoral Shaft Fractures 1 (6)	FP Shoulder and Arm 2 2-6-08.00 Shoulder Implants 1 (9)	FP Trauma Upper Limb 2 2-7-08.00 Trauma: Distal Radial Fractures 1 (6)	FP Knee 5 2-8-08.00 TKR: Patellar Aspects 1 (6)	FP Hip 6 2-9-08.00 THR Non- Cemented Stem 1 (15)	ISTF Symposium Prevention of Thrombo- embolism in Major Orthopaedic Surgery	FP Paediatrics 1 2-11-08.00 Club Foot 1 (6)	Cross-Fire 3 Articular Fractures of Proximal Humerus- Fixation or Prostheses?	EORS				
09.00-09.30	ICL 4 Femoro- acetabular Impingement: Diagnosis and Treatment		Symposium 11 How to Choose a Prosthesis	Symposium 13 Optimised Hip Fracture Management	ICL 7 Stabilisation for Acute or Chronic Shoul- der Instability	Symposium 17 Female Athlete Injuries	Symposium 20 Surgery for Distal Radial- Ulnar Joint Conditions		ISTF ICL Morbidity and Mortality follow- ing Major Ortho- paedic Surgery - A Focus on Venous Throm- boembolism	Symposium 23 Idiopathic Vertical Talus						
09.30-10.30	ICL 5 Disk Prostheses															
10.30-11.00	Break															
11.00-12.00	FP Hip 4 2-1-11.00 Primary THR Non-Cemented Cup 1 (6)	EULAR Management of the Acute Swollen Knee	FP Shoulder and Arm 1 2-4-11.00 Rotator Cuff and Prostheses 1 (6)	ICL 6 Artificial Bone Substitutes in Fracture Treatment		ICL 8 Congenital Synostoses in the Foot	FP Knee 6 2-8-11.00 High Tibial Osteotomy Arthroscopy 1 (6)	FP Hip 7 2-9-11.00 THR in Dysplasia 1 (6)	ICL 9 Holes in Bone: Unicameral Bone Cysts and Aneurysmal Bone Cysts	FP Paediatrics 2 2-11-11.00 Tumours and Tumour-Like Growth in Children 1 (6)	Cross-Fire 4 Tibial Plateau Fracture: Arthroscopic or Open Surgery?		Health Service Research			
12.00-14.00	STRYKER EMEA Advancements in the Treatment of Complex Periarticular Fractures using Locking Plates	S.A.M.O. SPA Nano Technologies in Orthopaedics	LIMA-LTO SPA Multigen Plus Knee System: from Tradition to Innovation	MEDACTA INTLSA A MIS Live Surgery - Anterior Minimally Invasive Sur- gery in Total Hip Replacement	BIOMET EUROPE Oxford™ Unicompartment- tal Knee System	ORTHOFIX SRL A Morning Round in a Trauma Unit	ZIMMER GmbH MIS vs Open Technique with the New Poliaxial Locking Plate System NCB®	ZIMMER GmbH Positioning Arm for TKA: New Concept with CAS for TKA - Technol- ogy Demonstra- tion	SMITH & NEPHEW OTHPAEDICS Hip Resurfacing	STRYKER EMEA Advances in Technology: Greater Surgical Precision than ever before: Orthopaedic Surgery and the Oscillating Tip Saw	SYNTHESES GmbH Expert Nailing System	AESCULAP AG & Co. KG Navigated Less Invasive Total Knee Arthro- plasty	MEDTRONIC INTL Spine Surgery: Meeting all your Posterior Dynamic Stabi- lisation Needs: DIAM™ Inter- spinous Device and CD Horri- zon® AGILE™ Pedicicle Screw- based Device	GEISTLICH PHARMA AG The Use and Limitations of Bone Substitute Materials in Orthopaedic and Trauma Surgery		
14.00-15.30	Symposium 7 Choices for Bearing Sur- faces	Symposium 10 Unicompartmental Prostheses of the Knee: Indications and Techniques	Symposium 12 Total Hip Arthroplasty in Europe: Indications, Costs and Practice Pattern	Symposium 14 Peri-prosthetic Fractures of the Knee: Fix or Revise?	Symposium 16 Reversed Shoulder Pros- thesis: Indica- tions, Techni- ques, Complications	Symposium 18 Athlete's Back Pain	FP Knee 7 2-8-14.00 Technique for the Patella 1 (9)	Symposium 21 Capabilities and Limits of Navigation in Orthopaedic Surgery	FP Tumour 2 2-10-14.00 Sarcomas 1 (9)	FP Paediatrics 3 2-11-14.00 DDH 1 (9)	Cross-Fire 5 Mini-Invasive Hip Fracture Surgery in the Elderly	ARTOF				
15.30-16.00	Break		EAR	Symposium 15 Total Prosthesis as a Primary Treatment of Fractures of the Knee and Elbow	FP Shoulder and Arm 3 2-6-16.00 Humeral Fractures 1 (9)	Symposium 19 Ankle Instability	FP Knee 8 2-8-16.00 Unicompartmental Replacement (1)	FP Hip 8 2-9-16.00 THR Cup Revision 1 (9)	Symposium 22 New Tech- niques in Pri- mary Bone Tu- mours	FP Paediatrics 4 2-11-16.00 Children Fractures 1 (9)	Cross-Fire 6 ACL Recon- struction: which ACL Graft? Where to Put it and How to Fix it					
16.00-17.30	FP Hip 5 2-1-16.00 Pelvic Osteotomy 1 (9)	Symposium 9 Cartilage Cell Transplan- tation: Valuable or Unproven?														
																ZIMMER GmbH Gender Considerations in TKA and THA

AUDITORIUM 1 - MICHELANGELO

FREE PAPERS: RESURFACING RESULTS AND COMPLICATIONS 1 8.00 - 9.30
HIP 3 MODERATORS: GARCIA-CIMBRELO, E. (SPAIN); MCMINN, D. (UNITED KINGDOM)

8.00	F127	10-year multi-center evaluation of the Cormet hip resurfacing arthroplasty Spencer, R. / Spencer, R.; Bishay, M.; Foguet, P.; Griffin, D.; Krikler, S.; Nelson, R.; Norton, M.; Prakash, U.; Pring, D.
8.10	F128	The 5-year migration of the Birmingham hip resurfacing as assessed by RSA Glyn-Jones, S. / Glyn-Jones, S.; Beard, D. J.; Murray, D. W.; Gill, H. S.
8.20	F129	In-vivo wear rate of Birmingham hip resurfacing arthroplasty Witzleb, W. / Witzleb, W.; Hanisch, U.; Ziegler, J.; Guenther, K.; Rieker, C.
8.30	F130	Metal-on-metal hip resurfacing: The importance of patient selection - WITHDRAWAL Allan, D. G. / Allan, D. G.; Milbrandt, J. C.; Naughton, M. B.
8.40	F131	Heterotopic ossification after hip surface replacement arthroplasty: A prospective, randomized study Vendittoli, P. A. / Vendittoli, P. A.; Boddu Siva Rama, R.; Roy, A. G.; Lavigne, M.
8.50	F132	Catastrophic effects of radiotherapy in hip resurfacing Marega, L. / Marega, L.; Morlock, M.; Baroncelli, G.; Hahn, M.; Delling, G.
9.00	F133	Early complications of hip resurfacing arthroplasty Sisak, K. / Sisak, K.; Villar, R.
9.10	F134	Cobalt and chromium levels following metal-on-metal hip resurfacing with the Cormet 2000 prosthesis - WITHDRAWAL Allan, D. G. / Allan, D. G.; Parsley, B. K.; Dyrstad, B. W.; Trammell, R. A.; Milbrandt, J. C.
9.20	F135	Femoro-acetabular impingement after hip resurfacing Hersche, O. / Hersche, O.; Munzinger, U.

ICL 4 FEMORO-ACETABULAR IMPINGEMENT: DIAGNOSIS AND TREATMENT 9.30 - 10.30
MODERATORS: SIEBENROCK (SWITZERLAND)

FREE PAPERS: PRIMARY THR NON-CEMENTED CUP 1 11.00 - 12.00
HIP 4 MODERATORS: SOBALLE, K. (DENMARK); SEDEL, L. (FRANCE)

11.00	F136	Survival rate at 10 years of follow-up of 297 Atlas acetabular implants Dambreville, A. / Dambreville, A.; Philippe, M.; Ameil, M.
11.10	F137	10-year results after implantation of the cementless press-fit cup "Allofit" Zenz, P. / Zenz, P.; Knechtel, H.; Titzer-hochmaier, G.; Schwägerl, W.
11.20	F138	Total hip arthroplasty: Long-term follow-up study with a cementless double mobility socket. Survivorship and failure of 437 hips after fifteen years Lautridou, C. / Lautridou, C.; Lebel, B.; Burdin, G.; Leclercq, S.; Vielpeau, C.
11.30	F139	CFP-hip prosthesis for the younger patients Von Foerster, G. / Von Foerster, G.
11.40	F140	The exclusive use of threaded bicone cups in primary hip replacement surgery Zweymüller, K. / Zweymüller, K.; Steindl, MD, M.; Schwarzingler, MD, U.; Brenner, MD, M.
11.50	F141	Benefits of modular necks in total hip arthroplasties Mertl P. / Mertl P., M. P.; Vernois J., V. J.; Havet E., H. E.; Gabrion A., G. A.

AUDITORIUM 1 - MICHELANGELO

INDUSTRY SYMPOSIUM **ADVANCEMENTS IN THE TREATMENT OF COMPLEX PERIARTICULAR FRACTURES USING LOCKING PLATES** 12.00 - 14.00
MODERATORS: STRYKER EMEA

SYMPOSIUM 7 **CHOICES IN THR BEARING SURFACES** 14.00 - 15.30
MODERATORS : GIACOMETTI CERONI, R. (ITALY)

Tribology considerations for hip joint articulations: the situation in 2007
 Rieker, C. (Switzerland)

Thirteen-year experience with 28mm Metasul bearings in clinical practice
 Delaunay, C. (France)

The case for alumina-on-alumina ceramic
 Sedel, L. (France)

Clinical performance of highly cross-linked polyethylene with 5-year follow-up
 Karrholm, J. (Sweden)

The introduction of big diameter heads
 Giacometti Ceroni, R. (Italy)

FREE PAPERS: HIP 5 **PELVIC OSTEOTOMY 1** 16.00 - 17.30
MODERATORS: GIACOMETTI CERONI, R. (ITALY); SIEBENROCK, K. (SWITZERLAND)

T16.00 F142 Periacetabular osteotomy: Experience in a non-super-specialized institution
 Devitt, B. M. / Devitt, B. M.; Butler, J. S.; Street, J.; McCormack, D.; O'Byrne, J.

16.10 F143 Wagner periacetabular osteotomy: Long-term results
 Zagra, L. / Zagra, L.; Corbella, M.; Giacometti Ceroni, R.

16.20 F144 Validation of a new method for standardized evaluation of pelvic radiographs
 Tannast, M. / Tannast, M.; Mistry, S.; Steppacher, S.; Langlotz, F.; Zheng, G.; Siebenrock, K. A.

16.30 F145 AP pelvic radiographs - Is what you see what you get?
 Tannast, M. / Tannast, M.; Mistry, S.; Steppacher, S.; Zheng, G.; Langlotz, F.; Siebenrock, K. A.

16.40 F146 A new minimally invasive approach for the Bernese periacetabular osteotomy. Technique, results and comparison to the ilio-inguinal approach
 Troelsen, A. / Troelsen, A.; Elmengaard, B.; Søballe, K.

16.50 F147 Periacetabular Ganz osteotomy in the treatment of hip dysplasia in adolescent and young adults with previous hip surgery in childhood
 Czubak, J. B. / Czubak, J. B.; Tyrakowski, M.; Pietrzak, S.

17.00 F148 A less invasive approach to periacetabular osteotomy in DDH
 Bernstein, P. / Bernstein, P.; Thielemann, F.; Günther, K.

17.10 F149 Acetabular migration after Ganz periacetabular osteotomy examined by radio-stereometric analysis
 Mechlenburg, I. / Mechlenburg, I.; Kold, S.; Romer, L.; Soballe, K.

17.20 F150 Complications, radiological outcome and patient satisfaction after periacetabular pelvic osteotomy
 Biedermann, R. / Biedermann, R.; Donnan, L.; Gabriel, A.; Wachter, R.; Krismer, M.; Behensky, H.

AUDITORIUM 2 - LEONARDO

FREE PAPERS: KNEE 2		TKR GENERAL 2	8.00 - 9.30
		MODERATORS: LOBENHOFER, P. (GERMANY); D'IMPERIO, F. (ITALY)	
8.00	F151	Influence of femoral limb rotation on radiographic alignment after total knee arthroplasty Ostermeier, S. / Ostermeier, S.; Stukenborg-Colsman, C.; Hurschler, C.; Windhagen, H.	
8.10	F152	A finite element analysis of the reconstructed distal femur and the influence of implant material properties on the trabecular loading patterns Gillies, R. M. / Gillies, R. M.; Hogg, M.; Donohoo, S. M.; Schmidt, W.; Racanelli, J.	
8.20	F153	Experimentally validated finite element model of a human tibia with a unicompartmental knee replacement Gray, H. / Gray, H.; Zavatsky, A.; Cristofolini, L.; Murray, D.; Gill, H. S.	
8.30	F154	Tibial component malrotation is a major cause of pain after total knee replacement Nicoll, D. / Nicoll, D.; Rowley, D.	
8.40	F155	Does body mass index change following total knee replacement? A prospective study Shariff, R. / Shariff, R.; Manickham, M.; McNicholas, M.	
8.50	F156	Morbidity and mortality after simultaneous bilateral TKA as compared to single TKA Tarabichi, S. / Tarabichi, S.; Tarabichi, A.	
9.00	F157	Range of motion during perioperative period in total knee arthroplasty ISHII, Y. / ISHII, Y.; Noguchi, H.; Matsuda, Y.	
9.10	F158	Use of a continual passive motion (CPM) machine to reduce blood loss in uncemented total knee replacement Rose, D. M. / Rose, D. M.; Rahman, W.; Chan, H.; Trompeter, A. J.; Palmer, S. H.	
9.20	F159	Post-operative total knee replacement rehabilitation: A new method using music video Ryan, T. G. / Ryan, T. G.; Ohlson, B.; Adams, R.	

ICL 5	DISK PROSTHESES	9.30 - 10.30
	MODERATORS: OGON (AUSTRIA)	

FREE PAPERS: KNEE 3		TKR TECHNIQUE 1	11.00 - 12.00
		MODERATORS: BEAUFILS, P. (FRANCE); LEMOS, A. (PORTUGAL)	
11.00	F160	Sub-vastus versus medial para-patellar arthroscopy for total knee arthroplasty (SMAK): A randomised controlled trial Bridgman, S. / Bridgman, S.; Walley, G.; Clement, D.; Griffiths, D.; Mackenzie, G.; Maffulli, N.	
11.10	F161	Mini-incision sub-vastus approach for total knee replacement with/without computer assistance Martin, A. / Martin, A.; Sheinkop, M. B.; Von Strempel, A.	
11.20	F162	Differences in early recovery, objective gait and activity data in two approaches of total knee arthroplasty. A comparison between standard mid-vastus and minimally invasive approach Hildebrand, M. / Hildebrand, M.; Gutteck, N.; Wohlrab, D.; Hein, W.	
11.30	F163	A novel algorithm to achieve effective soft tissue management in TKR using navigation Dillon, J. / Dillon, J.; Clarke, J.; Menneessier, A.; Herin, L.; Picard, F.	
11.40	F164	The anterior femoral cortical line: A new technique for assessment of intra-operative femoral component rotation in TKA Murray, J. R. D. / Murray, J. R. D.; Sherlock, M.; Hogan, N.; Servant, C.; Palmer, S.; Parish, E.; Cross, M. J.	
11.50	F165	The role of pre-operative templating in total knee arthroplasty: Comparison of three prostheses Howcroft, D. / Howcroft, D.; Fehily, M.; Peck, C.; Fox, A.; Dillon, B.; Johnson, D.	

AUDITORIUM 2 – LEONARDO

INDUSTRY SYMPOSIUM **NEW NON-PHARMACEUTICAL WAYS TO REDUCE THE RISK OF SURGICAL WOUND INFECTIONS** 12.00 – 14.00
MODERATORS: KIMBERLY-CLARK HEALTH CARE

SYMPOSIUM 8 **THE OSTEOPOROTIC SPINE: MEDICATION, CEMENT AND BEYOND** 14.00 – 15.30
MODERATORS: HEINI, P. (SWITZERLAND)

Assessment of the fracture risk and the potential of medical treatment
Lippuner, K. (Switzerland)

Indications and results of percutaneous vertebroplasty
Alvarez, L. (Spain)

Biomaterials for vertebral body reinforcement: In vivo results and clinical outlook
Verlaan, J.J. (Netherlands)

Kyphoplasty with CaP cements
Hillmeier, J. (Denmark)

FREE PAPERS: KNEE 4 **TKR TECHNIQUE 2** 16.00 – 17.30
MODERATORS: EWERBECK, V. (GERMANY); CONFALONIERI, N. (ITALY)

16.00 F166 Mid-term results and stability measurements after total knee arthroplasty using the ligament balancing technique - A prospective study
Schuster, A. J.; / Schuster, A. J.; Von Roll, A.; Wyss, T.

16.10 F167 Soft tissue release and range of movement following TKR
Yousufuddin, S. / Yousufuddin, S.; Chesney, D.; Van der Linden, M.; Nutton, R.

16.20 F168 Less invasive total knee arthroplasty: Extramedullary femoral reference without computer navigation
Baldini, A. / Baldini, A.; Zampetti, P.; De Luca, L.; Trinci, A.

16.30 F169 Deep flexion kinematics in PCL-retaining and -sacrificing knees with the same implant design
Banks, S. A. / Banks, S. A.; Mitchell, K. H.; Harman, M. K.; Leslie, C. J.; Hodge, W. A.

16.40 F170 Predetermined entry point and valgus angle for the resection of the distal femur in total knee arthroplasty
Hakkalamani, S. / Hakkalamani, S.; Acharya, A.; Finley, R.; Donnachie, N. J.

16.50 F171 Pseudo-patella baja following soft-tissue balancing in total knee arthroplasty
Thornton-Bott, P. / Thornton-Bott, P.; Unitt, L.; Johnstone, D. J.; Sambatakakis, A.

17.00 F172 Acquired patella baja after total knee arthroplasty - Comparison of two surgical techniques: With and without patella eversion
Flören, M. / Flören, M.; Davis, J.; Laskin, R.

17.10 F173 Resurfacing or retaining the patella in total knee arthroplasty: A movement analysis study
Van Hemert, W. L. / Van Hemert, W. L.; Grimm, B.; Senden, R. R.; Heyligers, I. C.

17.20 F174 Early results in 110 cases of patellofemoral replacement in patients under 55 years of age
Clare, T. / Clare, T.; Newman, J.; Ackroyd, C.; Evans, R.

SATURDAY
12 MAY 2007

AUDITORIUM 3 - BRUNELLESCHI

EULAR / EFORT **EULAR / EFORT PROGRAM** **8.30 - 10.30**
MODERATORS: EULAR (THE EUROPEAN LEAGUE AGAINST RHEUMATISM) / EFORT

EULAR **MANAGEMENT OF THE ACUTE SWOLLEN KNEE** **11.00 - 12.00**
MODERATORS: EULAR (THE EUROPEAN LEAGUE AGAINST RHEUMATISM)

INDUSTRY SYMPOSIUM **NANOTECHNOLOGIES IN ORTHOPAEDICS** **12.00 - 14.00**
MODERATORS: S.A.M.O. SPA

SYMPOSIUM 10 **UNICOMPARTMENTAL PROSTHESES OF THE KNEE. INDICATIONS AND TECHNIQUES** **14.00 - 15.30**
MODERATORS: BÖHLER, N. (AUSTRIA)

Mini invasive surgery in unicompartmental knee prostheses
Böhler, N. (Austria)

Mobile versus fixed bearing implants in unicompartmental knee arthroplasty
Argenson, J.N. (France)

Swedish register data on unicompartmental knee prostheses
Robertsson, O. (Sweden)

UKR indications
Romagnoli, S. (Italy)

SYMPOSIUM 9 **CARTILAGE CELL TRANSPLANTATION: VALUABLE OR UNPROVEN?** **16.00 - 17.30**
MODERATORS: BENTLEY, G. (UNITED KINGDOM)

Cartilage cell transplantation - valuable or unproven?
Bentley, G. (United Kingdom)

Methodological quality of cartilage repair studies: A critical review
Peterson, L. (Sweden)

Autologous chondrocyte transplantation: A proven treatment
Cherubino, P. (Italy)

Seven years' experience with Maci
Steinwachs, M. (Germany)

ACI - Clinical value compared with other techniques
Bittberg, M. (Sweden)

AUDITORIUM 4 - CIMABUE

FREE PAPERS: SURVIVORSHIP, COMPLICATIONS OF SURGERY 1 8.00 - 9.00 GENERAL MODERATORS: HÄMÄLÄINEN, M. (FINLAND); INNOCENTI, M. (ITALY) ORTHOPAEDICS 3

8.00	F175	Is it time for new variables to be used in assessing the probability of survival? An assessment of how different trauma parameters relate to the probability of survival Attar, F. G. / Attar, F. G.; Saleem, U.; Yousuf, N.; Deshmukh, R.
8.10	F176	Comparison of arthroplasty survivorship in the U.S. and Scandinavia Kurtz, S. / Kurtz, S.; Lau, E.; Havelin, L.; Dybvik, E.; Ong, K.; Malchau, H.
8.20	F177	Vascular injury following total joint arthroplasty Pulido, L. / Pulido, L.; Parvizi, J.; Purtill, J. J.; Sharkey, P. F.; Hozack, W. J.; Rothman, R. H.
8.30	F178	In-hospital complications after total joint arthroplasty Pulido, L. / Pulido, L.; Parvizi, J.; Purtill, J. J.; Sharkey, P. F.; Hozack, W. J.; Rothman, R. H.
8.40	F179	Post-operative ileus following total joint arthroplasty: A prospective analysis Tarity, D. / Tarity, D.; Norton, R.; Purtill, J. J.; Parvizi, J.; Rothman, R. H.
8.50	F180	Increased early post-operative mortality after 244,275 joint replacement operations Lie, S. / Lie, S.; Pratt, N.; Engesæter, L.; Havelin, L.; Ryan, P.; Graves, S.; Furnes, O.

SYMPOSIUM 11 HOW TO CHOOSE A PROSTHESIS 9.00 - 10.30 MODERATORS: PUHL, W. (GERMANY)

How to choose the right implant? Puhl, W. (Germany)
Cup, short stem, standard stem. Biomechanical aspects Grading, R. (Germany)
What determines the choice: Perception or evidence? Learmonth, I. (United Kingdom)
A compromise between market, science and personal experience Migaud, H. (France)

FREE PAPERS: ROTATOR CUFF AND PROSTHESIS 1 11.00 - 12.00 SHOULDER MODERATORS: WALCH, G. (FRANCE); GUMINA, S. (ITALY) AND ARM 1

11.00	F181	Shoulder surface replacement arthroplasty for patients with degenerative arthritis and with rotator cuff arthropathy; Clinical and radiological evaluations of fifty patients. Jerosch, J. / Jerosch, J.; Morsi, M.
11.10	F182	Mid to long-term experiences with the second generation Global™ shoulder prosthesis Pillai, A. / Pillai, A.; Nimon, G.; Dreghorn, C.
11.20	F183	Computed tomography analysis of the glenoid component implantation of reversed prostheses Torrens, C. / Torrens, C.; Gonzalez, G.; Corrales, M.; Cebamano, J.; Caceres, E.
11.30	F184	Posterior superior impingement of the shoulder in overhead athletes: Outcome of arthroscopic treatment Stavlas, P. / Stavlas, P.; Johannsen, H. V.
11.40	F185	Influence of design and material on the mechanical strength of bone anchors for arthroscopic rotator cuff repair Pietschmann, M. F. / Pietschmann, M. F.; Froehlich, V.; Ficklscherer, A.; Jansson, V.; Mueller, P. E.
11.50	F186	Secondary reconstruction of displaced three and four-part proximal humeral fractures with locking plate system Chidambaram, R. / Chidambaram, R.; Mok, D.

SATURDAY
12 MAY 2007

AUDITORIUM 4 - CIMABUE

INDUSTRY SYMPOSIUM **MULTIGEN PLUS KNEE SYSTEM: FROM TRADITION TO INNOVATION** 12.00 - 14.00
MODERATORS: LIMA-LTO SPA

SYMPOSIUM 12 **TOTAL HIP ARTHROPLASTY IN EUROPE: INDICATIONS, COSTS AND PRACTICE PATTERNS** 14.00 - 15.30
MODERATORS: GÜNTHER, K.P. (GERMANY)

The EUROHIP research initiative
Günther, K.P. (Germany)

Indications for surgery: Is there a need for European guidelines?
Dreinhofer, K. (Denmark)

Cost and practice patterns of arthroplasty in different European countries
Von Eiff, W. (Germany)

Different rehabilitation pattern in acute and post-acute care
Theiler, R. (Switzerland)

Which factors influence the clinical outcome of hip arthroplasty?
Dieppe, P. (United Kingdom)

EAR MODERATORS: BÖHLER, N. (AUSTRIA) 14.00 - 15.30

AUDITORIUM 5 - GIOTTO

FREE PAPERS: TRAUMA LOWER LIMB 2

FEMORAL SHAFT FRACTURES 1

8.00 - 9.00

MODERATORS: MUNOZ, J.M. (SPAIN); MORA, R. (ITALY)

8.00	F187	Antegrade reamed technique for the treatment of 415 traumatic femoral shaft fractures Karadimas, E. J./ Karadimas, E. J.; Papadimitriou, G.; Galanopoulos, I.; Lakoumendas, A.; Theodoratos, G.
8.10	F188	Interlocked nailing of the femur with the Brooker-Wills nail: Our experience Taneja, T. / Taneja, T.; Mandal, D.; Sood, L.; MahaluxmiVala, J.; Natali, C.; Achan, P.; Goodier, D.; Curry, S.; Watson, A.
8.20	F189	Estimation of femoral length for intramedullary nail using forearm as reference Nazir, A. A. / Nazir, A. A.; Roy, S.; Mathur, K.; Alazzawi, S.
8.30	F190	Mortality in bilateral femoral fractures Al-Khateeb, H. / Al-Khateeb, H.; Willett, K.
8.40	F191	Effectiveness and timing of intramedullary nailing in the treatment of aseptic femoral shaft non-unions after failed plating Syggelos, S. / Syggelos, S.; Lambiris, E.; Skouteris, G.; Athanaselis, E.; Giannakopoulos, A.; Sourgiadaki, E.; Panagiotopoulos, E.
8.50	F192	Results of reamed interlocking intramedullary nailing in femoral and tibial fractures . A review of 429 cases Petsatodis, G. / Petsatodis, G.; Chalidis, B.; Papadopoulos, P.; Karikis, J.; Parziali, M.; Pournaras, J.

SYMPOSIUM 13

OPTIMIZED HIP FRACTURE MANAGEMENT

9.00 - 10.30

MODERATORS: THORNGREN, K.G. (SWEDEN)

Introduction

Thorngren, K.G. (Sweden)

Finnish perspective

Järvinen, M. (Finland)

French perspective

Langlais, F. (France)

Danish perspective

Lauritzen, J. (Denmark)

Handling time, nutrition, pressure sores and operation choice

Thorngren, K.G. (Sweden)

ICL 6

ARTIFICIAL BONE SUBSTITUTES IN FRACTURE TREATMENT

11.00 - 12.00

MODERATORS:

SATURDAY
12 MAY 2007

AUDITORIUM 5 - GIOTTO

INDUSTRY SYMPOSIUM **A MIS LIVE SURGERY - ANTERIOR MINIMALLY INVASIVE SURGERY IN TOTAL HIP REPLACEMENT** 12.00 - 14.00
MODERATORS: MEDACTA INTL SA

SYMPOSIUM 14 **PERI-PROSTHETIC FRACTURES OF THE KNEE: FIX OR REVISE** 14.00 - 15.30
MODERATORS: INNOCENTI, M. (ITALY)

Peri-prosthetic fracture after TKA: An overview
Aglietti, P. (Italy)

Retrograde nail for peri-prosthetic fractures of the femur following TKA
Lambiris, E. (Greece)

Mono-axial or polyaxial locked plates for femoral fractures around a TKA
Bégué, T (France)

When to revise a TKA after a femoral peri-prosthetic fracture
Rodríguez-Merchán, E.C. (Spain)

The treatment of peri-prosthetic fractures of the tibia after TKA
Cerutti, G. (Italy)

SYMPOSIUM 15 **TOTAL PROsthESIS AS A PRIMARY TREATMENT OF FRACTURES OF THE KNEE AND ELBOW** 16.00 - 17.30
MODERATORS: HOFFMEYER, P. (SWITZERLAND)

Rationale for TKA in fractures around the knee
Peter, R. (Switzerland)

TKA vs ORIF
Pearse, E.O. (United Kingdom)

TKA for fractures around the knee
Nau, T. (Austria)

TKA for acute distal femur fractures
Robinson, C.M. (United Kingdom)

Rationale for TEA in fractures around the elbow
Hoffmeyer, P. (Switzerland)

TEA as primary treatment
Stanley, D. (United Kingdom)

AUDITORIUM 6 - BOTTICELLI

FREE PAPERS: SHOULDER AND ARM 2

SHOULDER IMPLANTS 1

MODERATORS: POSTACCHINI, F. (ITALY); MONTEIRO, J. (PORTUGAL)

8.00 - 9.30

8.00	F193	Radiographic comparison of two different glenoid preparation techniques in total shoulder arthroplasty Szabó, I. / Szabó, I.; Buscayret, F.; Edwards, B. T.; Boileau, P.; Nemoz, C.; Walch, G.
8.10	F194	Results of the Durom Cup surface replacement of the humeral head in rheumatoid arthritis: A prospective analysis Fuerst, M. / Fuerst, M.; Rütger, W.
8.20	F195	Reproducibility and concordance of humeral stem radiolucent lines evaluation Torrens, C. / Torrens, C.; Martinez-Diaz, S.; Abad, R.; Gelber, P.; Caceres, E.
8.30	F196	The use of shoulder hemiarthroplasty for the treatment of proximal humerus fractures (Neer 3 and 4 Parts) Chatzisyemon, A. / Chatzisyemon, A.; Christoforides, J.; Papadopoulos, P.; Pournaras, J.
8.40	F197	Management of humeral head fractures with a trauma shoulder prosthesis - Correlation between joint function and healing of the tuberosities Reuther, F. / Reuther, F.; Wahl, D.; Müller, S.
8.50	F198	Treatment of complex fractures of the proximal humerus: ORIF or arthroplasty? Long-term results of a prospective, non-randomized, comparative study Bastian, J. D. / Bastian, J. D.; Hertel, R.
9.00	F199	Reverse shoulder arthroplasty in the treatment of complex fractures of the proximal humerus in the elderly. A prospective review of 43 cases with an average follow-up of 2 years Bufquin, T. / Bufquin, T.; Hubert, L.; Massin, P.
9.10	F200	Inverse total shoulder arthroplasty with latissimus dorsi transfer: A preliminary study Sukthankar, A. / Sukthankar, A.; Lingenfelter, E.; Gerber, C.
9.20	F201	Radiographic and anatomic predictors to prevent scapular notching in the Delta III reverse total shoulder replacement Zumstein, M. A. / Zumstein, M. A.; Simovitch, R. W.; Lohri, E.; Helmy, N.; Gerber, C.

ICL 7

ARTHROSCOPIC STABILISATION FOR ACUTE OR CHRONIC SHOULDER INSTABILITY

MODERATORS: WILLEMS (NETHERLANDS)

9.30 - 10.30

INDUSTRY SYMPOSIUM

OXFORD™ UNICOMPARTMENTAL KNEE SYSTEM

MODERATORS: BIOMET EUROPE

12.00 - 14.00

AUDITORIUM 6 - BOTTICELLI

SYMPOSIUM 16 REVERSED SHOULDER PROSTHESIS: INDICATIONS, TECHNIQUE, RESULTS, COMPLICATIONS 14.00 - 15.30
MODERATORS: WALCH, G. (FRANCE)

- Biomechanics of the reversed prosthesis
Farron, A. (Switzerland)
- Indications for reverse total shoulder prosthesis
Gohlke, F. (Germany)
- Approaches for and technique of reversed prosthesis
Ekelund, A. (Sweden)
- Grammont arthroplasty: survivorship curves according to etiology (5 - 10 years)
Favard, L. (France)
- Complications of reversed shoulder prosthesis
Walch, G. (France)

FREE PAPERS: SHOULDER AND ARM 3 HUMERAL FRACTURES 1 16.00 - 17.30
MODERATORS: HOFFMEYER, P. (SWITZERLAND); ROVESTA, C. (ITALY)

- 16.00 F202 Outcomes following Philos plate fixation for proximal humeral fractures
Baker, P. / Baker, P.; Akra, G.; Eardley, W.; Candal-Couto, J.; Liow, R.; Rangan, A.
- 16.10 F203 Outcome of proximal humerus fractures treated by Philos plate internal fixation - A District General Hospital experience
Shahid, R. / Shahid, R.; Reddy, R.; Maqsood, M.
- 16.20 F204 Surgical therapy of humeral head fractures with a locking plate: Analysis of 176 cases
Biberthaler, P. / Biberthaler, P.; Braunstein, V.; Kirchoff, C.; Kroetz, M.; Kettler, M.; Mutschler, W.
- 16.30 F205 Complications of locking plates used for fractures of the proximal humerus
Farron, A. / Farron, A.; Cikes, A.; Brenn, S.; Wettstein, M.; Chevalley, F.
- 16.40 F206 Angular stable internal fixation of proximal humeral fractures: Evaluation of complications in 154 cases
Kääb, M. J. / Kääb, M. J.; Greiner, S.; Eschenbach, S.; Zandi, S.; Haas, N.
- 16.50 F207 Humerus neck fractures treatment - A new method (TGF)
Costa Martins, J. M. R. / Costa Martins, J. M. R.
- 17.00 F208 Surgical treatment for old, unreduced, posterior fracture dislocation of the shoulder
Feroussis, J. C. / Feroussis, J. C.; Papaspiliopoulos, A.; Maris, M.; Kiriakos, A.; Varvitsiotis, D.; Kitsios, E.
- 17.10 F209 Intramedullary humeral nailing; Union rates and shoulder function
Ashraf, M. / Ashraf, M.; Nugent, N.; O'Sullivan, K.; O'Beirne, J.; O'Sullivan, T.; McCoy, G.
- 17.20 F210 Operative treatment of the humeral shaft: Delayed union and non-union
Baltov, A. G. / Baltov, A. G.; Tzachev, N. N.; Iotov, A. M.; Takov, E. T.

AUDITORIUM 7 - RAFFAELLO

FREE PAPERS: TRAUMA – DISTAL RADIAL FRACTURES 1 8.00 - 9.00 TRAUMA MODERATORS: VILHJALMUR, F. (NORWAY); ALTISSIMI, M. (ITALY) UPPER LIMB 2

8.00	F211	Distal radius fracture management in the emergency departments in UK: Are we doing enough? Batra, S./ Batra, S.; Gul, A.; Hossain, M.; Mcmurtrie, A.; Kale, S.; Reddy, R.
8.10	F212	Plaster cast versus plaster splint for maintaining reduction after Colles' fracture. Preliminary report Delgado-Martinez, A. D. / Delgado-Martinez, A. D.; Fernandez-Bisbal, P.; Reyes-Sanchez, S.; Obrero, D.
8.20	F213	Fractures of the distal radius treated conservatively showed improvement in function between 6 months and 1 year Sidhom, S. / Sidhom, S.; Audige, L.; Muller, M.; Hilty, C.; Booth, C.; De Boer, P.
8.30	F214	Prediction for need of re-manipulation of distal radius fractures Mehta, H. B. / Mehta, H. B.; Eguru, V.; Johnson, S.
8.40	F215	Do Kirschner wires maintain reduction of displaced Colles' fractures? Chambers, C. J. / Chambers, C. J.; Barton, T. M.; Lane, E.; Bannister, G. C.
8.50	F216	External fixator supplemented by K-wires in management of comminuted intra-articular fractures of distal end radius Vishwanathan, K. / Vishwanathan, K.; Gandhi, H. G.; Daveshwar, R. N.; Golwala, P. P.

SYMPOSIUM 17 FEMALE ATHLETE INJURIES 9.00 - 10.30 MODERATORS: MENETREY, J. (SWITZERLAND)

The female athlete triad Canavan, J.
ACL in female Brooks-Hill, A.
Patello-femoral pain syndrome in the female athlete Dejour, D. (France)
Stress fracture in the female athlete Brunet-Guedj, E. (France)

ICL 8 CONGENITAL SYNOSTOSES IN THE FOOT 9.30 - 10.30 MODERATORS: NAPIONTEK (POLAND)

SATURDAY
12 MAY 2007

AUDITORIUM 7 - RAFFAELLO

INDUSTRY SYMPOSIUM **A MORNING ROUND IN A TRAUMA UNIT** 12.00 - 14.00
MODERATORS: ORTHOFIX SRL

SYMPOSIUM 18 **ATHLETE'S BACK PAIN** 14.00 - 15.30
MODERATORS: MINEIRO, J. (PORTUGAL)

IDET
Barroso, L. (Portugal)

Spinal fusion
Grevitt, M. (United Kingdom)

Total disc replacement
Le Huec, J.C. (France)

Interspinous spacers
Frabisi, A.

Dynesys
Cannas, J. (Portugal)

Rehabilitation
Swärd, L.

SYMPOSIUM 19 **ANKLE INSTABILITY** 16.00 - 17.30
MODERATORS: ASSAL, M. (SWITZERLAND)

Anatomy & biomechanical considerations
Crevoisier, X. (Switzerland)

New imaging techniques
Duc, S. (Switzerland)

Surgical treatment of ankle lateral laxity
Tourné, Y. (France)

Surgical treatment of ankle laxity with hindfoot malalignment
Parino, E. (Italy)

Pitfalls - case presentations
Assal, M. (Switzerland)

AUDITORIUM 8 – PETRARCA

FREE PAPERS: KNEE 5 TKR: PATELLAR ASPECTS 18.00 – 9.00 MODERATORS: WILLIAMS, A. (UNITED KINGDOM); SCHIRALDI, M. (ITALY)

8.00	F217	Bilateral total knee arthroplasty: Is it safe? Restrepo, C. / Restrepo, C.; Goldberg, G.; Dietrich, T.; Einhorn, T. A.; Parvizi, J.
8.10	F218	Bilateral, simultaneous: Two-surgeon knee replacement surgery Tomlinson, J. E. / Tomlinson, J. E.; Hannon, E.; Sturdee, S.; London, N.
8.20	F219	Do high-flex tibial inserts result in more knee flexion in total knee replacement? A randomised trial Biant, L. C. / Biant, L. C.; Bruce, W. J. M.; Walker, P.; Herrmann, S.; Walsh, W.
8.30	F220	Does the increased constraint of a medial pivot knee prosthesis increase its likelihood of loosening? Amin, A. A. / Amin, A. A.; Sanghrajka, A. P.; Kang, N.; Scott, G.
8.40	F221	Mobile versus fixed bearing in deep flexion after total knee replacement Tarabichi, S. / Tarabichi, S.
8.50	F222	The effects of socioeconomic status on patients' outcome following total knee arthroplasty Davis, E. T. / Davis, E. T.; Lingard, E.; Schemitsch, E.; Waddell, J.

SYMPOSIUM 20 SURGERY FOR DISTAL RADIAL-ULNAR JOINT CONDITIONS 9.00 – 10.30 MODERATORS: KOPYLOV, P. (SWEDEN)

Distal radio-ulnar joint: Can we avoid ulnar head resection? Kopylov, P. (Sweden)
Functional anatomy. DRU joint conditions and problems Kopylov, P. (Sweden)
Ligament reconstruction and arthroscopic techniques: Possibilities and limits Mathoulin, C. (France)
Open surgical techniques and ulnar head resection. Advantages and drawbacks Warwick, D. (United Kingdom)
DRU joint replacement Kopylov, P.(Sweden)

FREE PAPERS: KNEE 6 HIGH TIBIAL OSTEOTOMY ARTHROSCOPY 1 11.00 – 12.00 MODERATORS. JAKOB, R.P. (SWITZERLAND); HERNIGOU, P. (FRANCE)

11.00	F223	Primary stability of open-wedge osteotomies – The effect of calcium-phosphate cement. A biomechanical study performed on composite and cadaver bones Lind-Hansen, T. / Lind-Hansen, T.; Nielsen, P. T.; Petruskevicius, J.; Endelt, B.; Nielsen, K. B.; Hvid, I.; Lind, M. C.
11.10	F224	Biomechanical assessment of the in-vitro stability of high tibial osteotomies with and without oblique cancellous bone screw in ovine tibiae Maier, M. / Maier, M.; Schreiber, U.; Martinek, V.; Imhoff, A. B.
11.20	F225	Efficacy of focal-dome type osteotomy in the treatment of knees with varus gonarthrosis and medial joint laxity Gunes, T. / Gunes, T.; Sen, C.; Bostan, B.; Erdem, M.; Kalaycioglu, A.; Sahin, S.
11.30	F226	Hemicallotasis open-wedge osteotomy for varus osteoarthritis of the knee Baldini, A. / Baldini, A.; Baldi, E.; Trinci, A.
11.40	F227	Long-term results of a combined lateral closing and medial opening wedge technique for high tibial osteotomy Rengasamy, S. K. / Rengasamy, S. K.; Nagi, O. N.
11.50	F228	Is a pneumatic tourniquet necessary in knee arthroscopy? George, H. L. / George, H. L.; Kumar, G.; Mereddy, P. K. R.; Harvey, R. A.

AUDITORIUM 8 - PETRARCA

INDUSTRY SYMPOSIUM **MIS VS OPEN TECHNIQUE WITH THE NEW POLYAXIAL LOCKING PLATE SYSTEM NCB®** 12.00 - 14.00
MODERATORS: ZIMMER GMBH

FREE PAPERS: KNEE 7 **TECHNIQUE FOR THE PATELLA 1** 14.00 - 15.30
MODERATORS: HASSENPLUG, J. (GERMANY); MANILI, M. (ITALY)

14.00	F229	The LC-CUSUM: A quantitative and individualized assessment of the learning curve Biau, D. / Biau, D.; Nizard, R.; Katsahian, S.; Resche-Rigon, M.; Porcher, R.
14.10	F230	Total knee arthroplasty (TKA): Can it be performed under lumbar plexus and sciatic nerve block (LPSB)? Poultides, L. A. / Poultides, L. A.; Varitimidis, S.; Dailiana, Z.; Klitsaki, A.; Theodorou, E.; Stamatiou, G.; Malizos, K. N.
14.20	F231	Haemostatic efficacy of a bipolar sealing device in minimally invasive total knee arthroplasty Weeden, S. H. / Weeden, S. H.; Schmidt, R. H.; Isabell, G.
14.30	F232	Dynamic in vitro measurements of a high flexion cruciate-retaining and posterior stabilizing total knee design Stukenborg-Colsman, C. / Stukenborg-Colsman, C.; Ostermeier, S.; Krackow, N.; Schlomach, C.
14.40	F233	Quadriceps-sparing approach: Is it possible in all total knee arthroplasty patients? Merredy, P. K. R. / Merredy, P. K. R.; Roberts, V.; Hakkalamani, S.; Evans, P.; Donnachie, N.
14.50	F234	The axial patellar tendon angle - A simple new measurement in patellar instability Lankester, B. J. A. / Lankester, B. J. A.; Barnett, A. J.; Eldridge, J. D.; Wakeley, C. J.
15.00	F235	In-vitro measurement of patellar movement after reconstruction of the medial patello-femoral ligament versus medialization of the extensor mechanism Ostermeier, S. / Ostermeier, S.; Stukenborg-Colsman, C.; Hurschler, C.; Bohnsack, M.; Wirth, C.
15.10	F236	The geometry of the patello-femoral joint Iranpour, F. / Iranpour, F.; Cobb, J. P.; Amis, A. A.
15.20	F237	Tuberosity transfer for patellar maltracking. Prospective study with 2-year follow-up comparing patients with lateral tracking patellae to patients with objective patellar instability - WITHDRAWAL Koëter, S. / Koëter, S.; Diks, M.; Anderson, P.; Wymenga, A.

AUDITORIUM 8 – PETRARCA

FREE PAPERS: KNEE 8

UNICOMPARTMENTAL REPLACEMENT MODERATORS: BÖHLER, N. (AUSTRIA); ZATTA, G. (ITALY)

16.00 – 17.30

6.00	F238	Medial unicompartmental vs total knee arthroplasty patients performance during gait: A focus on muscular activity in the knee Benedetti, M. / Benedetti, M.; Catani, F.; Berti, L.; Mariani, G.; Giannini, S.
16.10	F239	Results of Oxford unicompartmental knee replacement in a District General Hospital in the UK Patel, K. J. / Patel, K. J.; Gujral, S.; Mohan, R.
16.20	F240	The radiolucent line under the Oxford uni-tibial tray - pulsed lavage versus conventional irrigation. A radiographic evaluation at min. 1-year post-operatively Aldinger, P. R. / Aldinger, P. R.; Hauck, C.; Clarius, M.
16.30	F241	A clinical, radiological and kinematic review of combined ACL reconstruction & Oxford UKA, with a minimum 3-year follow-up Van Duren, B. H. / Van Duren, B. H.; Pandit, H.; Gallagher, J.; Beard, D.; Dodd, C.; Gill, H. S.; Murray, D.
16.40	F242	A new domed tibial lateral component provides improved range of movement & retains normal kinematics for the Oxford UKR Van Duren, B. H. / Van Duren, B. H.; Gallagher, J.; Pandit, H.; Beard, D.; Dodd, C.; Gill, H. S.; Murray, D.
16.50	F243	Survivorship of 203 fixed bearing unicompartmental knee replacements during the second decade Bray, R. L. / Bray, R. L.; Steele, R.; Newman, J. H.; Hutabarat, S.; Ackroyd, C. E.
17.00	F244	Lateral unicompartmental knee replacement: Fixed or mobile bearing? Forster, M. C. / Forster, M. C.; Bauze, A. J.; Keene, G.
17.10	F245	Comparison of UKA and high tibial osteotomy. A prospective short-term result Dettoni, F. / Dettoni, F.; Maistrelli, G.; Rossi, P.; Castoldi, F.; Stojimirovic, D.; Girardo, M.; Rossi, R.
17.20	F246	Indications for revision unicompartmental knee replacement: Do alignment and radiolucent lines predict component loosening? Schmitt, S. / Schmitt, S.; Harman, M. K.; Roessing, S.; Hodge, W. A.

AUDITORIUM 9 - DANTE

FREE PAPERS: HIP 6		THR NON-CEMENTED STEM MODERATORS: KNAHR, K. (AUSTRIA); ROSSI, P. (ITALY)	8.00 - 10.30
8.00	F247	Very high survival rate of the cementless Spotorno stem in long-term analyses of total hip arthroplasty Roxo Neves, J. / Roxo Neves, J.; Sarmento, M.; Carvalho, P. S.; Silvério, S.; Hillis, A.	
8.10	F248	Cortical volume measurement in uncemented total hip replacements - A CT-based analysis Kannan, V. / Kannan, V.; Cobb, J.; Richards, R.; Nakhla, A.	
8.20	F249	Bone remodelling differences between metaphyseal and diaphyseal fit stem design in uncemented total hip arthroplasty Aslam, N. / Aslam, N.; Saito, J.; Tokunaga, K.; Schemitsch, E.; Waddell, J.	
8.30	F250	Exclusive consecutive use of rectangular straight stems in primary THA. Outcome at 10 years plus Zweymüller, MD / Zweymüller, MD, K.; Steindl, MD, M.; Schwarzingger, MD, U.	
8.40	F251	CT-assisted osteodensitometry after total hip replacement with an uncemented taper-design stem: 6-year follow-up Nowak, T. E. / Nowak, T. E.; Schmidt, R.; Rommens, P. M.; Forst, R.; Mueller, L. A.	
8.50	F252	Results of uncemented total hip replacement in juvenile idiopathic arthritis Kannan, V. / Kannan, V.; Witt, J. D.	
9.00	F253	The importance of adequate stem anteversion for rotational stability in THA. An RSA-study with 5 years of follow-up Flivik, G. / Flivik, G.; Hermann, K. L.; Ryd, L.	
9.10	F254	THA: 10 to 14-year follow-up of a tapered straight titanium, proximally porous, stem Plaster, R. L. / Plaster, R. L.	
9.20	F255	No significant stress-shielding in uncemented tapered titanium stems - A prospective study using DXA 12 at 17 years post-operatively Aldinger, P. R. / Aldinger, P. R.; Volz, C.; Jung, A.; Ewerbeck, V.; Parsch, D.	
9.30	F256	Long-term survivorship of the cementless Alloclassic total hip arthroplasty Pospischill, M. / Pospischill, M.; Knahr, K.	
9.40	F257	20-year results of the Müller Straight Stem. A clinical and radiological follow-up of 165 consecutive stems Clauss, M. / Clauss, M.; Lusser, R.; Lüem, M.; Ochsner, P. E.; Ilchmann, T.	
9.50	F258	The CLS stem in primary THA. Long-term results and survivorship analysis of a tapered, grit-blasted, press-fit femoral prosthesis Grappiolo, G. / Grappiolo, G.; Burastero, G.; Moraca, G.; Camera, A.; Santoro, G.; Gruen, T.; Spotorno, L.	
10.00	F259	Long-term results of Zweymüller THR with 15 years of follow-up Suckel, A. / Suckel, A.; Geiger, F.; Garbrecht, M.	
10.10	F260	Long-term (15 -20 year) results of the uncemented CLS stem in young and active patients under the age of 55 years Aldinger, P. R. / Aldinger, P. R.; Jung, A.; Ewerbeck, V.; Parsch, D.	
10.20	F261	A prospective randomised study to compare proximal femoral bone remodelling after hip arthroplasty using 3 different femoral stem designs Skinner, J. A. / Skinner, J. A.; Donaldson, J.; Abuzakuk, T.; Shenava, Y.; Kumar, S.; Jaiswal, P. K.; Pollock, R.; Carrington, R.; Briggs, T.	

AUDITORIUM 9 - DANTE

FREE PAPERS: THR IN DYSPLASIA 1 11.00 - 12.00 HIP 7 MODERATORS: HUTEN, D. (FRANCE); MORONI, A. (ITALY)

11.00	F262	Metal-on-metal resurfacing for DDH in young adults Quinlan, J. F. / Quinlan, J. F.; Dillon, J.; Walker, E.; O'Sullivan, T. J.
11.10	F263	Long-term follow-up of the Acetabular Reinforcement Ring (ARR) in primary total hip replacement Plaass, C. / Plaass, C.; Lüem, M.; Ochsner, P. E.; Ilchmann, T.
11.20	F264	Monobloc trabecular metal acetabular cups in total hip replacement in patients with developmental dysplasia of the hip Bargiotas, K. / Bargiotas, K.; Papatheodorou, L.; Hantes, M.; Karachalios, T.; Malizos, K.
11.30	F265	Cementless cup anchorage without acetabuloplasty in dysplastic hips Zweymüller, K. / Zweymüller, K.; Brenner, MD, M.; Steindl, MD, M.
11.40	F266	Non-anatomical positioning (high hip center) of the Zweymuller cup in osteoarthritis secondary to congenital hip diseases Dialetis, K. / Dialetis, K.; Christodoulou, N.; Sdrenias, C.; Salagiannis, G.; Stavrianou, A.; Georgas, T.; Psyllakis, P.
11.50	F267	Management of angular and torsional deviation in CDH: 20 years experience of prosthetic surgery Grappiolo, G. / Grappiolo, G.; Spotorno, L.; Burastero, G.; Gramazio, M.

INDUSTRY SYMPOSIUM POSITIONING ARM FOR TKA: NEW CONCEPT WITH CAS FOR TKA - TECHNOLOGY DEMONSTRATION 12.00 - 14.00 MODERATORS: ZIMMER GMBH

SYMPOSIUM 21 CAPABILITIES AND LIMITS OF NAVIGATION IN ORTHOPAEDIC SURGERY 14.00 - 15.30 MODERATORS: MATTES, T. (GERMANY)

Clinical benefits in hip, knee and spine navigation. Where are we, where do we go?
Mattes, T. (Germany)

Navigation in trauma surgery: possibilities, risks and further development
Gebhard, F. (Denmark)

Experiences in spinal navigation
Merloz, Ph. (France)

Reliability of ligamentous balancing during navigated TKA
Cinotti, G. (Italy)

Navigation in TKA: necessary, helpful or a waste of time?
Hofmann, S. (Austria)

SATURDAY
12 MAY 2007

AUDITORIUM 9 - DANTE

FREE PAPERS: **THR CUP REVISION** **16.00 - 17.30**
HIP 8 **MODERATORS: TIMPERLEY, J. (UNITED KINGDOM); CABRAL, R. (PORTUGAL)**

16.00	F268	Patient characteristics and fixation mode differently affect early socket loosening in total hip arthroplasty Röder, C. / Röder, C.; Bach, B.; Egli, S.; Melloh, M.; Busato, A.
16.10	F269	The management of periprosthetic acetabular bone loss with the Burch-Schneider Anti-Protrusio Cage and massive allografts: Minimum 10-year follow-up results Regis, D. / Regis, D.; Sandri, A.; Citriniti, E.; Bartolozzi, P.
16.20	F270	A cemented constrained liner in revision hip surgery: 2 - 6 years results Bailie, G. / Bailie, G.; Howell, J.; Hubble, M.; Timperley, J.; Gie, G.
16.30	F271	Whole and partial size-matched acetabulum allografts in hip revision with severe acetabular defects: More than 15 years of experience Ribas, M. / Ribas, M.; Domínguez, E.; Marin, O.; Ginebreda, I.; Vilarrubias, J. M.
16.40	F272	Acetabular revision with greater defects using a cementless press-fit cup Fink, B. / Fink, B.; Grossmann, A.; Schubring, S.; Fuerst, M.
16.50	F273	Reconstruction of severe acetabular bone deficiency with the SPH Bicomponent Revision System (Lima-Lto, Italy) in revision total hip arthroplasty Gruber, F. / Gruber, F.; Zettl, R.; Ritschl, P.
17.00	F274	Uncemented oblong cups in revision total hip arthroplasty Fernandez-Fernandez, R./ Fernandez-Fernandez, R.; Duran, D.; Garcia-Rey, E.; Gil-Garay, E.
17.10	F275	Tantalum metal in acetabular revisions Miettinen, H. / Miettinen, H.; Kettunen, J.; Miettinen, S.; Hämäläinen, M.; Kröger, H.

AUDITORIUM 10 – ARNOLFO

ISTF SYMPOSIUM	PREVENTION OF THROMBOEMBOLISM IN MAJOR ORTHOPAEDIC SURGERY MODERATORS: DAHL, O. (NORWAY); WARWICK, D. (UNITED KINGDOM)	8.00 – 9.30
	Introduction Dahl, O. (Norway); Warwick, D. (United Kingdom)	
	Cardio-vascular complications following elective major orthopaedic surgery Ryge, C. (Denmark)	
	Perioperative bleeding in orthopaedic surgery Skinner, J. (United Kingdom)	
	Mechanical prophylaxis in orthopaedic surgery Warwick, D. (United Kingdom)	
	New options for prevention of deep vein thrombosis Eriksson, B. (Sweden)	
	Individualised thromboprophylaxis Borris, L. (Denmark)	
ISTF ICL	MORBIDITY AND MORTALITY FOLLOWING MAJOR ORTHOPAEDIC SURGERY – A FOCUS ON PREVENTION OF VENOUS THROMBOEMBOLISM MODERATORS: LASSEN, MIKAEL (DENMARK)	9.30 – 10.30
ICL 9	SOLITARY BONE CYSTS AND ANEURYSMAL BONE CYSTS MODERATORS:	11.00 – 12.00
INDUSTRY SYMPOSIUM	HIP RESURFACING MODERATORS: SMITH & NEPHEW ORTHOP.	12.00 – 14.00

AUDITORIUM 10 – ARNOLFO

FREE PAPERS: SARCOMAS 1 14.00 – 15.30
TUMOUR 2 MODERATORS: DOMINKUS, M. (AUSTRIA); MAPELLI, S. (ITALY)

14.00	F276	Treatment and outcome of soft-tissue liposarcoma Campanacci, D. A. / Campanacci, D. A.; Beltrami, G.; Mela, M.; Franchi, A.; Podda, D.; Rudiger, H.; Capanna, R.
14.10	F277	Treatment of high-grade soft-tissue sarcomas with limb salvage surgery and brachytherapy plus external radiation therapy Scoccianti, G. / Scoccianti, G.; Beltrami, G.; Mela, M. M.; Franchi, A.; Livi, L.; Campanacci, D. A.; Capanna, R.
14.20	F278	Surgery vs radiotherapy in Ewing's sarcoma of the extremities: Experience of a single institution Fabbri, N. / Fabbri, N.; Errani, C.; Toscano, A.; Longhi, A.; Donati, D.; Manfrini, M.; Barbieri, E.; Mercuri, M.; Bertoni, F.
14.30	F279	Post-operative brachytherapy and free vascularized muscle flap transfer in the management of soft-tissue sarcomas of the extremities Papagelopoulos, P. J. / Papagelopoulos, P. J.; Mavrogenis, A. F.; Vrouvas, J.; Vlastou, C.; Soucacos, P. N.
14.40	F280	Neoadjuvant chemotherapy and radiation therapy in surgery for soft-tissue sarcomas Beltrami, G. / Beltrami, G.; Scoccianti, G.; Mela, M. M.; Franchi, A.; Livi, L.; Campanacci, D. A.; Capanna, R.
14.50	F281	15 years experience with isolated limb perfusion, a limb salvage strategy for non-resectable soft tissue sarcomas of the extremities Cherix, S. -. / Cherix, S. -. .
15.00	F282	Results and prognostic factors after resection of soft tissue sarcomas of the extremities Diehl, P. / Diehl, P.; Dörfler, F.; Gradinger, F.; Gradinger, R.; Rechl, H.
15.10	F283	Facts and uncertainties in the treatment of soft-tissue sarcomas Dürr, H. R. / Dürr, H. R.
15.20	F284	Surgeon-led biopsy with intraoperative frozen section is an accurate and cost-effective method for the initial evaluation of musculoskeletal sarcomas Ashford, R. U. / Ashford, R. U.; McCarthy, S. W.; Scolyer, R. A.; Bonar, S. F.; Karim, R. Z.; Stalley, P. D.

SYMPOSIUM 22 NEW TECHNIQUES IN PRIMARY BONE TUMOURS 16.00 – 17.30
MODERATORS: CAPANNA, R. (ITALY)

	Allografts Capanna, R. (Italy)
	Vascularized fibula Innocenti, M. (Italy)
	Composite prostheses Campanacci, D. (Italy)
	Modular prostheses Winkelman, W. (United Kingdom)
	New techniques Grimer, R.

AUDITORIUM 11 – MASACCIO

FREE PAPERS: CLUB FOOT 1 8.00 – 9.00 PAEDIATRICS 1 MODERATORS: IPPOLITO, E. (ITALY); CASSIANO NEVES, M. (PORTUGAL)

8.00	F285	Health-related quality of life in congenital club foot Engell, V. / Engell, V.; Damborg, F.; Andersen, M.; Kyvik, K.; Thomsen, K.
8.10	F286	Surgical relevance of delayed ossification of lateral cuneiform in children with club foot Alonso, J. / Alonso, J.; Davis, N.; Harris, R.
8.20	F287	Surgical decision in the Ponseti method: Role of ultrasound Gigante, C. / Gigante, C.; Talenti, E.
8.30	F288	Outcome of the treatment of relapsed talipes equinovarus using the Ilizarov external fixator Monsell, F. / Monsell, F.; Pollock, S.; Caterrall, A.; Franceschi, F.; Eastwood, D.
8.40	F289	Predicting the outcome of cast treatment for congenital talipes equinovarus (CTEV) using the Dimeglio scoring system Blake, S. M. / Blake, S. M.; Cox, P.
8.50	F290	Anterior distal femoral 8-plate hemi-epiphyseodesis for treatment of knee fixed flexion deformities Shariff, R. / Shariff, R.; Sampath, J.; Bass, A.

SYMPOSIUM 23 IDIOPATHIC VERTICAL TALUS 9.00 – 10.30 MODERATORS: BENSACHEL, H. (FRANCE)

Summary Bensahel, H. (France)
Pathophysiology. Anatomical considerations Epeldegui, T. (Spain)
Clinical diagnosis of true vertical talus Farsetti, P. (Italy)
Role of imaging techniques Synder, M. (Poland)
Treatment of idiopathic vertical talus Zorer, G. (Turkey)
Long-term evaluation of congenital vertical talus Bensahel, H. (France)

FREE PAPERS: TUMOURS AND TUMOUR-LIKE GROWTHS IN CHILDREN 1 11.00 – 12.00 PAEDIATRICS 2 MODERATORS: NAPIONTEK, M. (POLAND); DE SANCTIS, N. (ITALY)

11.00	F291	Histopathological features of Proteus syndrome Monsell, F. / Monsell, F.; Eastwood, D.; Hoey, S.; Kangesu, L.; Harper, J.; Sebire, N.
11.10	F292	The orthopaedic management of peripheral ischaemia in childhood Meningococcal Septicaemia Ayana, G. / Ayana, G.; Thomas, R.; Sinclair, D.; Ray, A.; Read, H.
11.20	F293	Case series on 'lipoblastoma', a rare tumour in children George, H. L. / George, H. L.; Arumelli, B. R.; James, L. A.; Garg, N.; Bruce, C. E.
11.30	F294	Minimally invasive treatment of aggressive unicameral cyst: Intramedullary fixation with Metaizeau elastical rods and arthroscopic curettage Pascarella, A. / Pascarella, A.; Guida, P.; De Sanctis, N.; Iannella, G.; Buompane, N.; Cavallo, R.
11.40	F295	Intramedullar telescopic nailing with the Fassier-Duval rod in osteogenesis imperfecta García-German, D. / Garcia-German, D.; Parra Garcia, J.; Bueno Sánchez, A.; Fernández Fernández-Arroyo, A.
11.50	F296	Prognosis of femoral lesions in fibrous dysplasia of the bone. A radiographic classification De Maio, F. / De Maio, F.; Farsetti, P.; Potenza, V.; Forconi, F.; Ippolito, E.

AUDITORIUM 11 - MASACCIO

INDUSTRY SYMPOSIUM **ADVANCES IN TECHNOLOGY: GREATER SURGICAL PRECISION THAN EVER BEFORE; ORTHOPAEDIC SURGERY AND THE OSCILLATING TIP SAW** 12.00 - 14.00
MODERATORS: STRYKER EMEA

FREE PAPERS: PAEDIATRICS 3 **DDH 1** 14.00 - 15.30
MODERATORS: WIENTROUB, S. (ISRAEL); FARSETTI, P. (ITALY)

14.00	F297	Ultrasound of infantile hips - Are Graf IIa+ hips really benign? Thambiraj, S.; Vadivelu, R.; Asirvatham, R.; Hyde, I.; Hogg, C.; Abrams, K.
14.10	F298	Ultrasound in the management of the irritable hips in children. Does it help? Verma, G. G.; Mehta, B.; Massey, R.
14.20	F299	General ultrasound screening reduces need for conservative and early operative treatment in DDH - A surveillance analysis of the Austrian general ultrasound screening for DDH from 1992 to 2004 Mueller, D. M.; Grill, F.
14.30	F300	Accuracy of the static Graf technique of ultrasound screening of neonatal hips Pillai, A.; Bramley, D.
14.40	F301	5 years of experience with selective ultrasound screening of developmental dysplasia of the hip Sohár, G.; Kopasz, N.; Pocsik, A.; Mészáros, T.; Tóth, K.
14.50	F302	Measuring hip development using MRI - A preliminary report Burton, M.; Whitby, E.; Rigby, A.; Bell, M.
15.00	F303	Hip development in children: Acetabular index (AI) and physeal angle (Alsberg's angle) of proximal femur in children of 1, 2 and 3 years Gutiérrez, P. C.; Domenech, P. F.; Bustamante, D.; Roca, J. V.
15.10	F304	Efficacy of the Pavlik harness; The Sheffield experience of 189 hips Fountain, J. R.; Anderson, A.; Flowers, M.; Bell, M.
15.20	F305	Developmental dysplasia of the hip - Is open reduction without femoral shortening obsolete? Abraham, A.; Marwah, G.; McVie, J.; Montgomery, R.

FREE PAPERS: PAEDIATRICS 4 **CHILDREN FRACTURES 1** 16.00 - 17.30
MODERATORS: YAZICI, M. (TURKEY); BOERO, S. (ITALY)

16.00	F306	Patterns of paediatric fractures - Role of prevention Mohammed, R. / Mohammed, R.; Pendyala, S.; Shaheen, M. A.
16.10	F307	Re-manipulation of paediatric fractures Inaparthy, P. K. / Inaparthy, P. K.; Shah, N.; Wijerathna, M.; Tuson, K. W.
16.20	F308	Management of distal radius fractures in children - Do we need to change our practice? Srinivas, S. / Srinivas, S.; Prasad, N.
16.30	F309	Distal forearm fractures in children - A comparison between crossed pins and the Kapandji method Resende Sousa, M. / Resende Sousa, M.; Tavares, D.; Sant'Anna, F.; Cassiano Neves, M.
16.40	F310	A test of stability in distal radius and ulna fractures in children Al-Arabi, Y. B. / Al-Arabi, Y. B.; Mandalia, V.; Williamson, D. M.
16.50	F311	Interventions for treating wrist fractures in children - A Cochrane systematic review Abraham, A. / Abraham, A.
17.00	F312	Fractures of the proximal tibial metaphysis in children - Complications Christodoulou, G. / Christodoulou, G.; Tagaris, G.; Sdougkos, G.; Vlachos, A.; Vris, A.
17.10	F313	A lower energy mechanism for distal femoral growth plate injuries in developing countries: A prospective study Norrish, A. / Norrish, A.; Lewis, C.; Harrison, W. J.
17.20	F314	The value of CT in paediatric ankle fractures Donamardi Gorva, A. / Donamardi Gorva, A.; Metcalfe, J.; Flowers, M.; Fernandes, J.; Jones, S.

AUDITORIUM 12 - DONATELLO

CROSS-FIRE 3 **ARTICULAR FRACTURES OF PROXIMAL HUMERUS - FIXATION OR PROSTHESES?** 8.00 - 9.30 MODERATORS: THOMAZEAU, H. (FRANCE)

What is a displaced fracture and how to classify it?
Thomazeau, H. (France)

What is an articular fracture and which vascularization impairment?
Duparc, F. (France)

Ischemic assessment and further necrosis of the humeral head
Hertel, R. (Switzerland)

FREE PAPERS: OSTEOPOROSIS 1 **FRACTURES: INCIDENTS AND PREVENTION** 19.30 - 10.30 MODERATORS: CZERWINSKI, E. (POLAND); GUIDO, G. (ITALY)

9.30 F315 37% of all fractures in patients over 50 years were serial fractures. Results from a 12-year population-based injury register
Bergström, U. / Bergström, U.; Uddstål, L.; Pettersson, U.; Svensson, O.

9.40 F316 The incidence of indolent Secondary Hyperparathyroidism (SH) among postmenopausal women suffering from knee osteoarthritis (KOA). A prospective study
Papavasiliou, K. / Papavasiliou, K.; Kirkos, J. M.; Potoupnis, M. E.; Sarris, I. K.; Sayegh, F. E.; Dimitriou, C.; Kapetanios, G. A.

9.50 F317 Injury mechanisms in 29,190 fractures in a population-based study
Bergström, U. / Bergström, U.; Agrell, A.; Svensson, O.

10.00 F318 Fragility fractures, incidence of distal radius fracture in bilateral non-contemporary hip fracture patients
Syed, T. A. / Syed, T. A.; Shah, Y. R.; Wetherill, M. H.

10.10 F319 Secondary prevention of osteoporosis upon discharge and after six months among patients with an osteoporotic hip fracture
Ojeda-Thies, C. / Ojeda-Thies, C.; Torrijos-Eslava, A.; Macho-Perez, O.; Bohorquez-Heras, C.; Gil-Garay, E.

10.20 F320 Health-related quality of life correlates with risk factors for falls in older women one year after a distal forearm fracture
Nordell, E. / Nordell, E.; Jarnlo, G.; Thorngren, K.

CROSS-FIRE 4 **TIBIAL PLATEAU FRACTURE: ARTHROSCOPIC OR OPEN SURGERY?** 10.30 - 12.00 MODERATORS: BEAUFILS, P. (FRANCE)

"Basic science": Vascularization and biomechanics
Beaufils, P. (France)

Arthroscopic management: Results
Doral, M. (Turkey)

Open technique: Pitfalls and results
Bonnevialle, P. (France)

Arthroscopic technique
Cugat, R. (Spain)

Indications: Arthroscopic technique
Scheerlinck, T. (Belgium)

SATURDAY
12 MAY 2007

AUDITORIUM 12 - DONATELLO

INDUSTRY SYMPOSIUM **EXPERT NAILING SYSTEM** 12.00 - 14.00
MODERATORS: SYNTHES GMBH

CROSS-FIRE 5 **MINI-INVASIVE HIP FRACTURE SURGERY IN THE ELDERLY** 14.00 - 15.30
MODERATORS: PARKER, M. (UNITED KINGDOM)

How we determine which implant is best
Parker, M. (United Kingdom)

Percutaneous fixation of femoral neck fractures
Ceder, L. (Sweden)

The mini-invasive sliding hip screw: Mechanical complications and mortality
Langlais, F. (France)

Intramedullary nails
Van Vugt, A. (Netherlands)

External fixation
Moroni, A. (Italy)

CROSS-FIRE 6 **ACL RECONSTRUCTION: WHICH ACL GRAFT? WHERE TO PUT IT AND HOW TO FIX IT** 16.00 - 17.30
MODERATORS: WILLIAMS, A. (UNITED KINGDOM)

Fixation devices for ligament reconstruction
Williams, A. (United Kingdom)

Overview of graft materials available and what I do
Margheritini, F. (Italy)

ACL reconstruction in elite sportsmen and women and the choice of graft
Bollen, S. (Italy)

Single and double-bundle ACL reconstruction: A randomised clinical trial
Aglietti, P.

AUDITORIUM 13 - ANGELICO

EORS THE INTERFACE "WHERE TECHNOLOGY TOUCHES BIOLOGY" 8.00 - 10.30 MODERATORS: GOT TSAUNER-WOLF, F.; TRIEB, K.

8.00 Guest Lecture: Materials in space interfacing a hostile environment
Gasik, M.M.

Session 1 - Interface biology and mechanics

9.00 In touch: When stem cells meet implants and micromotion
Richter, W.

9.30 Biology and mechanics at the implant/bone interface
Verdonschot, N

10.00 Corrosion - The body empire strikes back
Gottsauner-Wolf, F.

EORS THE INTERFACE "WHERE TECHNOLOGY TOUCHES BIOLOGY" 11.00 - 13.00 MODERATORS: GOT TSAUNER-WOLF, F.; TRIEB, K.

Session 2 - Nanotechnology: What can it do for orthopaedics

11.00 Nanotechnology - Revolution in Nano dimensions
Welland, M. E.

11.30 RNA-Probe for Ti-Surface modification
Trieb, K.

11.50 Nanotechnology for medical products
Schnieder, L.

12.10 Silver in the treatment of infected prostheses
Windhager, R.

12.30 Imaging with Nano particles: Possibilities beyond comprehension
Research, P.

INDUSTRY SYMPOSIUM NAVIGATED LESS INVASIVE TOTAL KNEE ARTHROPLASTY 12.00 - 14.00 MODERATORS: AESCULAP AG & CO. KG

SATURDAY
12 MAY 2007

AUDITORIUM 13 - ANGELICO

ARTOF	FRACTURES OF THE TIBIA MODERATORS:	14.00 - 17.30
14.00-14.10	Introduction Waddell, J.	
14.10-14.30	Minimally invasive treatment of intra-articular fractures of the proximal tibia Krettek, C.	
14.30-14.50	Role of locking plates in the management of tibial fractures Biberthaler, P.	
14.50-15.10	Reamed vs. unreamed nailing in the tibia Gaebler, C.	
15.10-15.30	Rationale for reamed locked intramedullary nailing in closed and open diaphyseal tibia fractures Keating, J.	
15.30-15.50	Unreamed nailing in distal third tibia fractures Sousa, P.	
15.50-16.10	Functional treatment of closed diaphyseal fractures of the tibia Sarmiento, Augustus	
16.10-16.30	Circular frame management of tibial plafond fractures Patel, A. D.	
16.30-16.50	Overview of open fractures of tibia Waddell, James	
16.50-17.30	Case presentations	

AUDITORIUM 14 - VASARI

INDUSTRY SYMPOSIUM	SPINE SURGERY: MEETING ALL YOUR POSTERIOR DYNAMIC STABILIZATION NEEDS: DIAM™ INTERSPINOUS DEVICE AND CD HORIZON® AGILE™ PEDICLE SCREW-BASED DEVICE MODERATORS: MEDTRONIC INTL.	12.00 - 14.00
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AUDITORIUM 15 DELLA ROBBIA

INDUSTRY SYMPOSIUM	THE USE AND LIMITATIONS OF BONE SUBSTITUTE MATERIALS IN ORTHOPAEDIC AND TRAUMA SURGERY MODERATORS: GEISTLICH PHARMA AG	12.00 - 14.00
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AUDITORIUM 16 - CONGRESSI AUDITORIUM

INDUSTRY SYMPOSIUM	GENDER CONSIDERATIONS IN TKA AND THA MODERATORS: ZIMMER GMBH	15.30 - 17.30
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AUDITORIUM1 - MICHELANGELO

SYMPOSIUM 24 MODERN HIP IMPLANTS: A PROVEN ADVANCE OR JUST ANOTHER TREND 8.00 - 9.30
MODERATORS: LÖHR, J. F. (GERMANY) FREEMAN, M. R. (UNITED KINGDOM)

The design and introduction of new implants in orthopaedic surgery
 Löhr, J. F. (Germany)

A new "idea" is born: The wishes for a new implant by an author surgeon
 Nötzli, N. (Switzerland)

Combining the wish with reality and the law
 Crowninshield, R. (USA)

Responsibilities and concerns before use by a practising surgeon
 Günther, K.P. (Germany)

Steps to be taken
 Malchau, E. (USA)

FREE PAPERS: HIP IMPINGEMENT 19.30 - 10.30
HIP 9 MODERATORS: GANZ, R. (SWITZERLAND); BINAZZI, R. (ITALY)

9.30	F321	Arthroscopic adhesiolysis for treatment of persistent pain after surgical hip dislocation for femoro-acetabular impingement - First results Krueger, A./ Krueger, A.; Kohl, S.; Leunig, M.; Siebenrock, K.; Beck, M.
9.40	F322	Femoro-acetabular impingement causing hip osteoarthritis: A new radiographic sign for screening individuals at risk Kalberer, F. A. / Kalberer, F. A.; Sierra, R. J.; Madan, S. S.; Meyer, D. C.; Ganz, R.; Leunig, M.
9.50	F323	Initial signs for femoro-acetabular impingement 10 to 20 years after in situ fixation of mildly slipped capital femoral epiphyses Fraitzl, C. R. / Fraitzl, C. R.; Käfer, W.; Nelitz, M.; Reichel, H.
10.00	F324	Femoral head lengthening combined with hip resurfacing in young patients with severe hip deformity Moroni, A. / Moroni, A.; Romagnoli, M.; Cadossi, M.; Pegreff, F.; Giannini, S.
10.10	F325	Antero-posterior pelvic radiographs to assess acetabular retroversion: High validity of the "cross-over-sign" Leunig, M./ Leunig, M.; Mladenov, K.; Jamali, A. A.; Meyer, D. C.; Martinez, A.; Beck, M.; Ganz, R.
10.20	F326	A novel CT-based technique for measuring femoral head coverage in normal and dysplastic hips Dandachli, W. / Dandachli, W.; Kanaan, V.; Richards, R.; Sauret, V.; Hall-Craggs, M.; Witt, J.

AUDITORIUM 1 - MICHELANGELO

FREE PAPERS: THR POLYETHYLENE 1 11.00 - 12.00 HIP 10 MODERATORS: GALINARO, P. (ITALY); NIZARD, R. (FRANCE)

11.00	F327	8-year prospective randomized comparison between a cross-linked and conventional polyethylene in total hip arthroplasty Grimm, B./ Grimm, B.; Tonino, A. J.; Heyligers, I. C.
11.10	F328	Highly cross-linked versus contemporary polyethylene. Randomized evaluation of the penetration rate at 4.8 years follow-up using the Martell system Triclot, P. / Triclot, P.
11.20	F329	Different outcomes with two new polyethylenes in THR. A prospective randomized study Garcia-Rey, E. / Garcia-Rey, E.; Garcia-Cimbrelo, E.; Ortega-Chamarro, J.; Cruz-Pardos, A.; Sanchez, J. M.
11.30	F330	Polyethylene wear measurement in total hip arthroplasty: A comparison of four computer-assisted techniques Geerdink, C. / Geerdink, C.; Grimm, B.; Vencken, W.; Tonino, A. J.; Heyligers, I. C.
11.40	F331	Wear rates in conventional and highly cross-linked polyethylene Trilogy cups. A five-year follow-up study Olyslaegers, C. / Olyslaegers, C.; Defoort, K.; Simon, J.; Vandenberghe, L.
11.50	F332	Effect of femoral head size on polyethylene wear and synovitis after THA Tarasevicius, S. / Tarasevicius, S.; Robertsson, O.; Kesteris, U.; Kalesinskas, R. J.; Wingstrand, H.

INDUSTRY SYMPOSIUM ADVANCES IN THE SURGICAL AND CLINICAL MANAGEMENT OF ORTHOPAEDIC PATIENTS: THE FUTURE POTENTIAL OF ORAL ANTICOAGULATION WITH RIVAROXABAN - A ONCE-DAILY, DIRECT FACTOR XA INHIBITOR 12.00 - 14.00 MODERATORS: BAYER HEALTH CARE AG

SYMPOSIUM 25 WHY A SHORT STEM - A NEW/OLD FASHION ? 14.00 - 15.30 MODERATORS: GALLINARO, P. (ITALY)

Introduction Gallinaro, P. (Italy)
The Nanos stem Kuhn, H. (Denmark)
Microhip: a modified Smith-Petersen approach. Results and technique Michel, M. C. (Switzerland)
Short stem: A way to preserve bone stock or a better biomechanical solution? Pipino, F. (Italy)
A stemless, neck-preserving implant: the "Proxima" hip Santori, F. S. (Italy)

AUDITORIUM 1 - MICHELANGELO

FREE PAPERS: THR MINIMALLY INVASIVE 1 **16.00 - 18.00**
HIP 11 **MODERATORS: KRISMER, M. (AUSTRIA); FALEZ, F. (ITALY)**

16.00	F333	Analysis of cement penetration in hip resurfacing arthroplasty Gillies, R. M. / Gillies, R. M.; Gan, J. H.; Hawdon, G. M.; McMahon, S. J.
16.10	F334	Minimally invasive hip arthroplasty: What other factors play a role? Eslampour, A. / Eslampour, A.; Parvizi, J.; Sharkey, P. F.; Hozack, W. J.; Rothman, R. H.
16.20	F335	Minimally invasive hip arthroplasty: A quantitative assessment of study methodology and review of the literature Mahmood, A. / Mahmood, A.; Zafar, M. S.; Majid, I.; Maffulli, N.
16.30	F336	Current state of doing minimally invasive total hip replacement in Germany, including the use of new implants and the navigation technique - Results of a nationwide survey of surgical trauma and orthopaedic clinics Sendtner, E. / Sendtner, E.; Boluki, D.; Grifka, J.
16.40	F337	Learning curve in minimally invasive approaches in THA: Comparison between lateral mini incision, minimally invasive anterior approach and minimally invasive antero-lateral approach D'Arrigo, C. / D'Arrigo, C.; Speranza, A.; Iorio, R.; Ferretti, A.
16.50	F338	Are there any benefits from minimally invasive THA via direct anterior approach? Rachbauer, F. / Rachbauer, F.; Rosiek, R.; Nogler, M.; Mayr, E.; Krismer, M.
17.00	F339	Experiences after 600 minimally invasive THR via the antero-lateral approach - The success is in the detail Rachbauer, F. / Rachbauer, F.; Rosiek, R.; Nogler, M.; Mayr, E.; Krismer, M.
17.10	F340	"Yale technique", a minimally invasive technique for the implantation of hip endoprostheses. Presentation of the technique and clinical results Scheuerer, K. / Scheuerer, K.; Kipping, R.
17.20	F341	Comparison of primary total hip replacements performed with a standard posterior incision or a posterior mini-incision Pneumaticos, S. / Pneumaticos, S.; Nikolaou, V.; Savvidou, C.; Tsiolis, P.
17.30	F342	Minimally invasive total hip replacement (THR): Difficulties and complications during the learning curve, how to manage Puskas, G. / Puskas, G.; Kalberer, F.; Dora, C.
17.40	F343	Prospective and comparative study of the antero-lateral mini-invasive approach versus minimally invasive posterior approach for primary total hip replacement. Early results Laffosse, J. / Laffosse, J.; Chiron, P.; Molinier, F.; Bensafi, H.; Puget, J.
17.50	F344	Minimally invasive total hip arthroplasty through direct anterior approach Oinuma, K. / Oinuma, K.; Shiratsuchi, H.; Saito, Y.; Michinaga, K.

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- **Come and see us at our booth no. E602**

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SUNDAY
13 MAY 2007

AUDITORIUM 2 - LEONARDO

SYMPOSIUM 26 THORACO-LUMBAR FRACTURES WITHOUT NEUROLOGICAL DAMAGE 8.00 - 9.30
MODERATORS : CACERES PALOU, E. (SPAIN)

Classification and indications for treatment

Aebi, M. (Spain)

Quality of life of patients treated conservatively

Bago, J. (Spain)

Surgical treatment

Boriani, S. (Italy)

Post-traumatic kyphosis

Caceres Palou, E. (Spain)

ICL 10 THE AGING SPINE 9.30 - 10.30
MODERATORS: VARGA (HUNGARY)

FREE PAPERS: LOW BACK PAIN 1 11.00 - 12.00
SPINE 2 MODERATORS: BUNGER, C. D. (DENMARK); MARICONDA, M. (ITALY)

11.00	F345	'Normal aging' versus 'symptomatic degeneration' of intervertebral discs: A study of the 'dark disc' in lower back pain Karnezis, I. A. / Karnezis, I. A.; Pasapula, C.
11.10	F346	Surgical versus non-surgical treatment of chronic low back pain: A meta-analysis of randomised controlled trials Ibrahim, T. / Ibrahim, T.; Tleyjeh, I.; Gabbar, O.
11.20	F347	Shoe insoles for prevention of low back pain. A Cochrane review Kandel, L. / Kandel, L.; Sahar, T.; Lev, I.; Brezis, M.; Ne'eman, V.; Odebiyi, D. O.; Lahad, A.
11.30	F348	Effect of psychological status on the outcome of a spinal fitness exercise program Budithi, S. C. / Budithi, S. C.; Pollock, R.; Friesem, T.
11.40	F349	The effectiveness of caudal extradural steroid injection in patients with low back pain and sciatica - A case control study Sayegh, F. E. / Sayegh, F. E.; Potoupnis, M. A.; Kenanidis, E. I.; Kapetanos, G.
11.50	F350	Pain management in lumbar discectomy. Prospective single blind randomised control trial of perioperative steroid and local anaesthetic topical application in lumbar discectomy Bahari, S. / Bahari, S.; El-Dahab, M.; Cleary, M.; Sparkes, J.

INDUSTRY SYMPOSIUM QUESTIONING ANTICOAGULATION IN ORTHOPAEDIC SURGERY - CAN IT BE SIMPLIFIED? 12.00 - 14.00
MODERATORS: BOEHRINGER INGELHEIM INTERNATIONAL GMBH

AUDITORIUM 2 - LEONARDO

FREE PAPERS: SCOLIOSIS AND KYPHOSIS 1 14.00 - 15.30 SPINE 3 MODERATORS: KAELIN, A. (SWITZERLAND); DE GIORGI, G. (ITALY)

14.00	F351	New TriaC™-Brace for conservative treatment of Idiopathic Scoliosis - An alternative option? Zeh, A. / Zeh, A.; Planert, M.; Hein, W.
14.10	F352	The use of aprotinin in scoliosis correction surgery in patients with Duchenne muscular dystrophy Richards, O. R. / Richards, O. R.; DeMatas, M.; Bruce, C.; Dorgan, J.; Cunliffe, M.
14.20	F353	Is anterior release beneficial in AIS curves between 60 and 90 degrees? A matched pair analysis Hempfung, A. / Hempfung, A.; Ferraris, L.; Geiger, F.; Carstens, C.; Metz-Stavenhagen, P.
14.30	F354	Cantilever technique of surgical reduction and fixation for thoracic kyphosis - A review of technique and results of surgical treatment Muthian, S. / Muthian, S.; Ahmed, E. B.
14.40	F355	Schmorl nodes: An epidemiological perspective Sonne-Holm, S. / Sonne-Holm, S.; Jacobsen, S.; Jensen, T.; Hyldstrup, L.; Rosing, H.; Rosing, H.
14.50	F356	Health-related quality of life in patients with self-reported Scheuermann's disease compared to the background population. Based on a cohort study of twins Damborg, F. / Damborg, F.; Engell, V.; Andersen, M.; Kyvik, K.; Thomsen, K.
15.00	F357	Kyphoplasty: What is its effect in kyphotic deformity Pneumaticos, S. G. / Pneumaticos, S. G.; Chatziioannou, S. N.; Savvidou, C.; Nikolaos, V.; Zoumboulis, P.; Lambiris, E.
15.10	F358	Pedicle subtraction osteotomy for fixed thoracolumbar sagittal imbalance Sinigaglia, R. / Sinigaglia, R.; Nena, U.; Fabris Monterumici, D.

SYMPOSIUM 27 CERVICAL DISC HERNIATION 16.00 - 17.30 MODERATORS: LOGROSCINO, C. (ITALY)

Prosthetic replacement of the cervical disc Logroscino, C. (Italy)
Discectomy and fusion Kehr, P. (France)
Multilevel disc herniation Mazel, C.H. (France)
How to deal with a cervical disc hernia Hedlund, R. (Sweden)

SUNDAY
13 MAY 2007

AUDITORIUM 3 - BRUNELLESCHI

ESSKA CURRENT CONCEPTS: OSTEOTOMIES AROUND THE KNEE 8.00 - 10.30
MODERATORS: VAN DIJK, C. N.

08.00	Indications and planning of osteotomies Hofmann, S.
08.20	New developments in high tibial osteotomies Lobenhofer, Ph
08.40	New developments in distal femur osteotomies Van Heerwaarden, R.
09.00	Discussion
09.10	Navigation in high tibial osteotomies Menetrey, J.
09.30	Intra-articular high tibial osteotomies Marti, R.
09.55	Osteotomies for knee instability Lobenhoffer, Ph.
10.20	Discussion

ESSKA CURRENT CONCEPTS: OSTEOTOMIES AROUND THE KNEE 11.00 - 12.00
MODERATORS: VAN DIJK, C. N.

11.00	Osteotomies for rotational deformities Van Heerwaarden, R.
11.20	Double osteotomies around the knee Hofmann, S.
11.40	The limits of osteotomies Marti, R.
11.55	Discussion

INDUSTRY SYMPOSIUM TREKKING CLINICAL FINDING 12.00 - 14.00
MODERATORS: S.A.M.O. SPA

AUDITORIUM 3 – BRUNELLESCHI

SYMPOSIUM 28 **INFECTED TKR. ONE STAGE OR TWO-STAGE REVISION?** 14.00 – 15.30 **MODERATORS: VON FOERSTER, G. (GERMANY)**

Infected total knee exchange: One-stage procedure
 Von Foerster, G. (Germany)

Pathogenesis and therapeutic options
 Frommelt, L. (Germany)

Adequate use of antibiotics
 Vogt, M. (Switzerland)

Strategy and results of two-stage treatment for infected TKA
 Meani, E. (Italy)

FREE PAPERS: **TKR CLINICAL RESULTS 1** 16.00 – 18.00 **KNEE 9** **MODERATORS: ARGENSON, J. N. (FRANCE); TUDISCO, T. (ITALY)**

16.00	F359	Chronic pain after knee replacement: Prevalence, impact and onset Wylde, V. / Wylde, V.; Learmonth, I.; Kinemax Plus Mobile Bearing Group, U. K.
16.10	F360	The use of platelet-derived growth factors in total knee arthroplasty – A randomized trial Peters, K. / Peters, K.; Bolder, H.; Tetteroo, R.
16.20	F361	The influence of age, gender and body mass index on Knee Society scores before and after total knee replacement Nicoll, D. / Nicoll, D.; Rowley, D.
16.30	F362	Knee joint kinematics after fixed and mobile-bearing total knee replacement – A fluoroscopic study of prospectively randomized patients Tibesku, C. O. / Tibesku, C. O.; Vieth, V.; Skwara, A.; Stückmann, V.; Heindl, W.; Fuchs-Winkelmann, S.
16.40	F363	Do mobile bearings improve kneeling ability? Hassaballa, M. / Hassaballa, M.; Porteous, A.; Newman, J.
16.50	F364	Comparison of proprioception and range of motion after the low contact stress antero-posterior glide (LCS AP glide) and rotating platform (LCS RP) knee arthroplasty: A randomised double-blind controlled trial Hassaballa, M. / Datir, S.; Sayana, M.; Rahamatalla, A.; Walley, G.; Dos-remedios, I.; Wynn-Jones, C.; Maffulli, N.
17.00	F365	Cementless unicompartmental knee replacement. Mid to long-term results Bontemps, G. / Bontemps, G.; Tänzer, T.
17.10	F366	Medium-term results of PFC Sigma total knee replacement – The Wrightington experience Rafiq, I. / Rafiq, I.; Zaki, S. H.; Kapoor, A.; Porter, M. L.; Gambhir, A. K.; Raut, V.; Browne, A. O.
17.20	F367	Outcome analysis of bilateral total knee arthroplasty: Comparison of staged and sequential procedures Hussain, S. M. / Hussain, S. M.; Savin, J. A.; Cochrane, L.; Singer, B. R.
17.30	F368	Patellar retention versus patellar resurfacing during TKR – A prospective, randomized study Martin, A. / Martin, A.; Gamal El Amir, M.; Prens, M.; Oelsch, C.; Von Stempel, A.
17.40	F369	Management of the anatomic differences in female and male distal femurs in total knee replacement surgery Gustke, K. A. / Gustke, K. A.; Mahfouz, M.
17.50	F370	Medial plica syndrome of the knee: Is clinical diagnosis reliable? A prospective study Shetty, V. D. / Shetty, V. D.; Krishnamurthy, S. K.; Vowler, S. L.; Halliday, A. E. G.

AUDITORIUM 4 – CIMABUE

FREE PAPERS: THROMBOEMBOLISM 1 8.00 – 9.00
GENERAL MODERATORS: DAHL, OLA (SWEDEN); MORETTI, B. (ITALY)
ORTHOPAEDICS 4

8.00	F371	Graduated compression stockings do not add to the efficacy of fondaparinux for thromboprophylaxis in hip replacement surgery. A multi-centre, multi-national, randomised, open-label study Cohen, A. / Cohen, A.; Brenkel, I.; Skinner, J.; Warwick, D.
8.10	F372	Pulmonary embolus after total joint arthroplasty: Does size and location matter? Parvizi, J. / Parvizi, J.; Smith, E.; Grossman, S.; Pulido, L.; Rothman, R. H.
8.20	F373	Anticoagulation following total joint arthroplasty: Heeding the recommendations of ACCP Harrison, F. G. / Harrison, F. G.; Orozco, F.; Parvizi, J.; Purtill, J. J.; Rothman, R. H.
8.30	F374	Should high-risk patients who are immobilised in below-knee casts be anti-coagulated? Thomas, S. / Thomas, S.; Van Kampen, M.
8.40	F375	Nonfatal pulmonary embolism in the high-risk trauma patient managed in orthopaedic ward: Do risks without typical clinical symptoms justify aggressive screening? Rafee, A. / Rafee, A.; Rajasekhar, C.; Saeed, Z.; Jalgaonkar, A.; Shah, S.; Paul, A.
8.50	F376	A new oral anticoagulant, Dabigatran Etexilate, is effective and safe for the prevention of venous thromboembolism after total knee replacement Kurth, A. A. / Kurth, A. A.; Dahl, O. E.; Van Dijk, C. N.; Eriksson, B. I.; Frostick, S. P.; Rosencher, N.; Schnee, J.; Christiansen, A. V.; Büller, H. R.

SYMPOSIUM 29 WHAT INDICATIONS REMAIN FOR ARTHRODESIS OF THE 9.00 – 10.30
LARGE JOINTS (HIP, KNEE, SHOULDER AND ELBOW)
MODERATORS: GIANNINI, S. (ITALY)

Indications for arthrodesis of the hip Asensio, G. (France)
Indications for arthrodesis of the knee Victor, J. (Belgium)
Indications for arthrodesis of the shoulder and elbow Celli, L. (Italy)

FREE PAPERS: MISCELLANEOUS 1 11.00 – 12.00
INFECTION 1 MODERATORS: WITSØ, E. (NORWAY); DA RIN, FERDINANDO (ITALY)

11.00	F377	In vitro elution characteristics of Gentamicin and Vancomycin combined in acrylic bone-cement Anagnostidis, K. S. / Anagnostidis, K. S.; Ioannidis, G.; Sarris, I. K.; Giannakou, A.; Pavlitou, A.; Kapetanios, G. A.
11.10	F378	Pre-operative serum inflammatory markers in the diagnosis of infection in revision hip surgery Shah, G. / Shah, G.; Shah, S.; Singer, G.; Ghazanfar, O.
11.20	F379	Mechanical properties of antibiotic-loaded acrylic bone cement Anagnostidis, K. S. / Anagnostidis, K. S.; Michailidis, N.; Mesomeris, G.; Kirkos, J. M.; Bouzakis, K. D.; Kapetanios, G. A.
11.30	F380	Bacteria growth persistence on antibiotic-loaded beads – An actual problem? Anagnostakos, K. / Anagnostakos, K.; Hitzler, P.; Pape, D.; Kohn, D.; Kelm, J.
11.40	F381	Induction of endogenous antibiotics in bacterial bone infection Varoga, D. / Varoga, D.; Lippross, S.; Wruck, C.; Mentlein, R.; Pufe, T.
11.50	F382	Adult haematogenous MRSA spondylodiscitis Al-Nammari, S. / Al-Nammari, S.; Bejjanki, N.; Lucas, J. D.; Lam, K. S.

AUDITORIUM 4 - CIMABUE

INDUSTRY SYMPOSIUM **INNOVATION IN HIP REVISION** **12.00 - 14.00**
MODERATORS: GRUPPO BIOIMPIANTI

FREE PAPERS : GENERAL ORTHOPAEDICS 5 **HAEMATOLOGICAL COMPLICATIONS OF SURGERY 1** **14.00 - 15.30**
MODERATORS: SKINNER, J. A. (UNITED KINGDOM); MELA, G. (ITALY)

14.00	F383	Perioperative haemoglobin and rehabilitation after total hip or knee arthroplasty: When should blood transfusion be given? Bhadra, A. K. / Bhadra, A. K.; Krishnan, S. P.; Young, S.; Chaya, N.; Carrington, R.; Goldhill, D.; Briggs, T. W.; Skinner, J.
14.10	F384	Elevated levels of numerous cytokines in drainage fluid after primary total hip arthroplasty Van der Heide, H. J. / Van der Heide, H. J.; Van der Kraan, P. R.; Rijnberg, W. J.; Buma, P.; Schreurs, W.
14.20	F385	The effect of patient age, gender and weight on the efficacy and safety of Rivaroxaban (BAY 59-7939) for the prevention of venous thromboembolism after major orthopaedic surgery Dahl, O. E. / Dahl, O. E.; Eriksson, B. I.; Homering, M.; Borris, L.; Fisher, W. D.; Kakkar, A. K.; Kwong, L. M.; Turpie, A. G.
14.30	F386	Vascular complications following elective major orthopaedic surgery in routine practice: The prospective cohort ESMOS study Ryge, C. / Ryge, C.; Lassen, M. R.; Solgaard, S.; Sonne-Holm, S.
14.40	F387	Efficacy, safety and patient compliance of foot-pumps without graduated compression stockings for prevention of deep-vein thrombosis in total joint replacement Young, S. W. / Young, S. W.; Pitto, R.
14.50	F388	Post-operative autologous blood transfusion: What are we giving? A prospective study of 108 patients of hip and knee replacement Bhansali, H. D. / Bhansali, H. D.; Hughes, D.; Purbach, B.; Kay, P.
15.00	F389	Post-operative drained blood as a monitor of total blood loss following knee arthroplasty Abad, R. / Abad, R.; Bermejo, S.; Sanchez, S.; Garcia, J.; Hinarejos, P.; Puig, L.
15.10	F390	Risk of HIV, HBV, HCV, and HTLV infection among musculoskeletal tissue donors in Australia Yao, F. / Yao, F.; Zheng, M.; Farrugia, A.; Seed, C.; Benkovich, M.; Ireland, L.; Winship, V.; Winter, J.; Wood, D.
15.20	F391	Inflammatory responses following tourniquet-related ischemia/reperfusion in total knee arthroplasty Mourikis, A. / Mourikis, A.; Tsiridis, E.; Baltopoulos, P.; Papaioannou, N.

SYMPOSIUM 30 **THE PROFILE OF ORTHOPAEDICS IN EUROPE: EDUCATION, TRAINING, QUALITY, COSTS** **16.00 - 17.30**
MODERATORS: WALLENSTEN, R. (SWEDEN)

Introduction	Wallensten, R. (Sweden)
Education and training	Cordero, J. (Spain)
Examinations	Mineiro, J. (Portugal)
Quality and costs	Nemeth, G.

SUNDAY
13 MAY 2007

AUDITORIUM 5 - GIOTTO

FREE PAPERS : EXTERNAL FIXATION 1 8.00 - 9.00
TRAUMA MODERATORS: LINDAHL, J. (FINLAND); SPINELLI, R. (ITALY)
LOWER LIMB 3

8.00	F392	A new animal model for bone atrophic non-union: Fixation by external fixator Kaspar, K. / Kaspar, K.; Matziolis, G.; Kasper, G.; Bail, H. J.; Duda, G. N.
8.10	F393	Temporary ex-fix in open tibial fractures: Room for improvement? Eyre, J. R. / Eyre, J. R.; Jeavons, R.; Branfoot, T.; Dennison, M.; Royston, S.; Britten, S.
8.20	F394	Single centre prospective study of 196 closed tibial diaphyseal fractures treated by monolateral external fixation Mahmood, A. / Mahmood, A.; Ennis, O.; Maheswari, R.; Moorcroft, I.; Thomas, P.
8.30	F395	Unilateral non-jointed external fixators as a definite treatment for tibial shaft fractures Beltsios, M. / Beltsios, M.; Savvidou, O.; Giannakakis, N.; Koufopoulos, G.; Kouvaras, J.; Dagas, S.; Grivas, T.
8.40	F396	Established tibial non-union treated with one-stage distraction osteogenesis Gudena, R. / Gudena, R.; Mehta, J.; Morgan-Jones, R.
8.50	F397	External fixation for intra-articular displaced calcaneal fractures Magnan, B. / Magnan, B.; Samaila, E.; Bartolozzi, P.

SYMPOSIUM 31 MINI-INVASIVE TREATMENT OF DISTAL FEMUR FRACTURES 9.00 - 10.30
MODERATORS: PUIG, L. (SPAIN)

Basis of minimally invasive surgery of distal femoral fractures Munoz Vives, J.M. (Spain)
Use of plates in LIS of distal femoral fractures Babst, R. (Germany)
Minimally invasive nailing of distal femoral fractures Pietu, G. (France)
Minimally invasive nailing of distal femoral fractures Taglund, G. (France)

ICL 11 MANAGEMENT OF OPEN FRACTURES OF THE TIBIAL DIAPHYSIS 11.00 - 12.00
MODERATORS: CORDERO-AMPUERO (SPAIN)

INDUSTRY SYMPOSIUM TRADITION MEETS INNOVATION 12.00 - 14.00
MODERATORS: MATHYS LTD BETTLACH

AUDITORIUM 5 - GIOTTO

FREE PAPERS: TRAUMA LOWER LIMB 4

CALCANEAL FRACTURES 1

MODERATORS: ATKINS, R. (UNITED KINGDOM); PACE, N. (ITALY)

14.00 - 15.30

14.00	F398	The "safe zone" in percutaneous calcaneal pin placement: An anatomic cadaveric study Tsiridis, E. / Tsiridis, E.; Gamie, Z.
14.10	F399	Minimally invasive treatment of displaced comminuted intra-articular calcaneal fractures Giannini, S. / Giannini, S.; Faldini, C.; Vannini, F.; Bevoni, R.; Biagini, C.; Grandi, G.
14.20	F400	Cannulated screw fixation versus tension band wiring of fractures of the tuberosity of the calcaneus Kelley, S. P. / Kelley, S. P.; Rogers, M.; Morgan, B.; Jackson, M.
14.30	F401	Pinning versus plate osteosynthesis in displaced intra-articular fractures of the calcaneus Badila, A. E. / Badila, A. E.; Radulescu, R. A.; Cirstoiu, C. F.; Nutiu, O.; Manolescu, R.; Nita, C.; Popescu, D. N.; Dinu, A.
14.40	F402	Internal fixation of articular calcaneus fractures using a 3.5 AO® reconstruction plate: Results of 181 cases Lamglait, E. / Lamglait, E.; Cronier, P.; Talha, A.; Massin, P.
14.50	F403	Long-term outcomes after operative fixation of calcaneal fractures - Does age, smoking and fracture type matter? Vashista, G. / Vashista, G.; Rashid, N.; Khan, M.
15.00	F404	Outcome of subtalar arthrodesis after calcaneal fracture Corotti Sasareanu, A. V. / Corotti Sasareanu, A. V.; Almoguera Sanchez, J. R.; Beltran Bengoechea, J. J.; De Miguel, J. J.
15.10	F405	Displaced intra-articular calcaneal fractures: 15-year follow-up of a randomised controlled trial of conservative versus operative treatment Ibrahim, T. / Ibrahim, T.; Rowsell, M.; Rennie, W.; Brown, A.; Taylor, G.; Gregg, P.
15.20	F406	Management of calcaneal fractures - Conservative vs operative - Is it a load of old Bohler's? Yoon, W. / Yoon, W.; Das, A. K.; Ilyas, S.; Gadikoppula, S.; Raza, S.

SYMPOSIUM 32

ACETABULAR FRACTURES: MINI OR OPEN FIXATION

MODERATORS : HAAS, N. (GERMANY)

16.00 - 17.30

Introduction, case presentation

Oransky, M. (Italy)

State-of-the-art: What can be achieved in acetabular fracture treatment?

Hirvensalo, E. (Finland)

I need to see what I fix in acetabular fractures

De Ridder, V. (Netherlands)

Improved visualization techniques enable reduced approaches

Stöckle, U. (Germany)

Closed reduction: Where is the problem?

Regazzoni, P. (Switzerland)

SUNDAY
13 MAY 2007

AUDITORIUM 6 - BOTTICELLI

SYMPOSIUM 33 FRACTURES OF THE RADIAL HEAD: REMOVE, REPLACE OR FIX 8.00 - 9.30
MODERATORS: CHANTELLOT, C. (FRANCE)

Relevant biomechanics of the radial head in fracture treatment
Van Glabbeek, F. (Belgium)

Fractures of the radial head: Primary resection of the radial head
Duparc, F. (France)

Management of radial head fractures with radial head arthroplasty
Chantelot, C. (France)

Secondary procedure after radial head fracture
Masméjan, E. (France)

ICL 12 FRACTURES AND NON-UNIONS OF THE CLAVICLE 9.30 - 10.30
MODERATORS: BJÖRKENHEIM (FINLAND)

INDUSTRY SYMPOSIUM LESS INVASIVE KNEE ARTHROPLASTY (L.I.K.A™) WITH THE VANGUARD SYSTEM 12.00 - 14.00
MODERATORS: BIOMET EUROPE

SYMPOSIUM 34 INSTABILITY OF THE ELBOW 14.00 - 15.30
MODERATORS: STANLEY, J. (UNITED KINGDOM)

Basic anatomy and stabilising structures of the normal elbow
Stanley, J. (United Kingdom)

Postero-lateral instability of the elbow
Stanley, D. (United Kingdom)

Instability after total elbow replacement
Rymaszewski, L. (United Kingdom)

Reconstruction of the medial collateral ligament and deficient coronoid
Jost, B. (Switzerland)

AUDITORIUM 6 - BOTTICELLI

FREE PAPERS: ELBOW AND FOREARM 1

ELBOW AND FOREARM 1

MODERATORS: STANLEY, J. (UNITED KINGDOM); CELLI, L. (ITALY)

16.00 - 18.00

16.00	F407	Computed tomography study of radial head morphology Roidis, N. / Roidis, N.; Papadakis, S.; Chong, A. K.; Vaishnav, S.; Zalavras, C.; Itamura, J. M.
16.10	F408	Role of sulcus view radiographs in cubital tunnel surgery Waseem, M. / Waseem, M.; Saldanha, K.; Chaudhry, S.; Jharaja, H.
16.20	F409	A modification of the ballotment test in the assessment of distal radio-ulnar joint instability Sanz, L. / Sanz, L.; Dias, R.; Heras-Palou, C.
16.30	F410	Assessment of the torsional configuration of the radial bone by computerized tomography Gulcek, M. / Gulcek, M.; Unal, V. S.; Oken, F.; Yildirim, O.; Gulcek, S. Y.; Comert, A.; Ucaner, A.
16.40	F411	Treatment of chronic severe lateral epicondylitis with buffered platelet-rich plasma Sluimer, J. / Sluimer, J.; Gosens, T.
16.50	F412	Single incision repair with suture anchors for treatment of distal biceps tendon rupture: A 64 cases follow-up Giannoulis, F. S. / Giannoulis, F. S.; Darlis, N. A.; Weiser, R.; Sotereanos, D. G.
17.00	F413	Arthrolysis of the elbow: Arthroscopic versus open study of 139 cases Marmorat, J. / Marmorat, J.; Culpán, P.; Kelberine, F.; Bonnomet, F.; Judet, T.
17.10	F414	Surgical release of post-traumatic elbow contracture Psychoyios, V. / Psychoyios, V.; Dakis, K.; Villanueva-Lopez, F.; Kefalas, A.
17.20	F415	Surgical treatment of post-traumatic elbow contractures in adolescent patients Darlis, N. A. / Darlis, N. A.; Kaufmann, R. A.; Giannoulis, F.; Sotereanos, D. G.
17.30	F416	Chronic compartmental syndrome of the forearm in professional sportsmen Mir, . / Mir, .; XFont, J. S.; Monegal, A. A.; Santana, F. P.; Doreste, J. B.
17.40	F417	Surgical treatment of diaphyseal forearm non-unions by combining plate and opposite massive cortical bone graft Giannini, S. / Giannini, S.; Faldini, C.; Pagkrati, S.; Grandi, G.; Leonetti, D.; Nanni, M.
17.50	F418	A new method for reconstruction of failed Darrach procedure Giannoulis, F. S. / Giannoulis, F. S.; Greenberg, J.; Darlis, N. A.; Weiser, R.; Sotereanos, D. G.

SUNDAY
13 MAY 2007

AUDITORIUM 7 - RAFFAELLO

EHS **MODERATORS: GRADINGER, R. (GERMANY)** **8.00 - 10.00**

8.00-8.25	Hip reconstruction in the treatment of large bone and soft tissue tumours around the pelvis Grimer, R. (United Kingdom)
8.25-8.50	Reconstruction in the treatment of pelvic chondrosarcoma Mercuri, M. (Bologna)
8.50-9.10	Custom-made endoprostheses in pelvic reconstruction Rechl, H. (Germany)
9.10-9.30	Long-term results of allograft composite total hip prostheses for tumours Thomazeau, H.; Belot, N.; Langlais, F.; (France)
9.30-9.55	Extendable tumour prostheses in children Kotz, R. (Austria)

EHS **MODERATORS: GRADINGER, R. (GERMANY)** **11.00 - 12.00**

11.00-11.20	Treatment of metastases according to prognosis and different entities - the oncologic view Licht, T. (Germany)
11.20-11.45	Surgical management of bone metastases of the extremities Capanna, R. (Italy)
11.45-12.00	RFA in the treatment of skeletal metastases Krismer, M.; Reto; Bale; Dietl (Austria)

INDUSTRY SYMPOSIUM **THE NEW GOLDEN STANDARD IN TSA - A CONVERTIBLE SHOULDER SYSTEM** **12.00 - 14.00**
MODERATORS: ZIMMER GMBH

AUDITORIUM 7 - RAFFAELLO

EHS

14.00 - 15.30

MODERATORS:

Session I - The Unsolved Fracture / Intrascapular Fractures

14.00 Management of displaced intracapsular fractures
Keating, J. (United Kingdom)

14.25 Fracture configuration and fixation techniques
Raaymakers, E. (Netherlands)

14.40 Total hip replacement and hemiarthroplasty
Bannister, G. (United Kingdom)

Session II - Trochanteric Fractures

14.50 Percutaneous compression plating
Gottfried, Y. (Israel)

15.15 Minimally invasive sliding screw
Roper, M. (France)

EHS

16.00 - 18.00

MODERATORS:

Session III - Proximal Femoral Fracture in Young Patients

16.00 The outcome of proximal femoral fractures in the young
Parker, M. (United Kingdom)

Session IV - Can it be Prevented

16.30 A lifetime of bone loss
Marsh, D. (United Kingdom)

17.00 Acute bone loss after trochanteric fractures
Karachalios, T. (Greece)

17.15 Winners and losers
Bannister, G. (United Kingdom)

17.35 The dedicated approach
Parker, M. (United Kingdom)

AUDITORIUM 8 – PETRARCA

ICL 13 **DUPUYTREN'S CONTRACTURE** **8.00 – 9.00**
MODERATORS: FINSEN (NORWAY)

FREE PAPERS: **CHONDROCYTES** **19.00 – 10.30**
KNEE 10 **MODERATORS: BENTLEY, G. (UNITED KINGDOM); ENGBRETSSEN, L. (NORWAY)**

9.00	F419	Tissucol-based scaffold in the treatment of knee cartilage defects: Experimental resurfacing by embryonic stems cells Manunta, A. M. / Manunta, A. M.; ML Manunta, M. M.; M.Dattena, M. D.; E. Sanna Passino, E. S. P.
9.10	F420	Chondrogenic potential of chondrocytes or fibroblasts inoculated under periosteal flap in a rabbit model Pascual Garrido, C. / Pascual Garrido, C.; Makino, A.; Bosio, S.; Astoul-Bonorino, J.; Aponte-Tinao, L.; Isola, M.; Ielpi, M.; Ayerza, M. A.; Muscolo, L. D.
9.20	F421	Does microfracture have any impact on osteoarthritic knees? Balasubramanian, S. / Balasubramanian, S.; Komarasamy, B.; Vadivelu, R.; Tandon, S.; Green, T.; Newey, M.
9.30	F422	Chondrograft quality monitoring in the surgical treatment of the osteochondral defects Valis, P. / Valis, P.; Repko, M.; Chaloupka, R.
9.40	F423	Single surgeon experience of autologous chondrocyte implantation in the knee: Clinical and histological outcome over an eight-year period Krishnan, S. / Krishnan, S.; Jaggiello, J.; Flanagan, A.; Briggs, T.
9.50	F424	Autologous matrix-induced chondrogenesis (AMIC®) for focal chondral defects of the knee – First results Anders, S. / Anders, S.; Wiech, O.; Schaumburger, J.; Grifka, J.
10.00	F425	Is autologous chondrocyte implantation effective in overweight patients? Jaiswal, P. K. / Jaiswal, P. K.; Park, D. H.; Jagiello, J.; Carrington, R. W.; Skinner, J. A.; Briggs, T. W.; Bentley, G.
10.10	F426	Two to three-year follow-up results of autologous chondrocyte implantation (ACI) versus matrix-induced autologous chondrocyte implantation (MACI) for osteochondral defects of the knee Jaiswal, P. K. / Jaiswal, P. K.; Park, D. H.; Carrington, R. W.; Skinner, J. A.; Briggs, T. W.; Flanagan, A. M.; Bentley, G.
10.20	F427	Does smoking influence outcome after autologous chondrocyte implantation? Jaiswal, P. K. / Jaiswal, P. K.; Park, D. H.; Jagiello, J.; Carrington, R. W.; Skinner, J. A.; Briggs, T.; Bentley, G.

FREE PAPERS: **ACL 1** **11.00 – 12.00**
KNEE 11 **MODERATORS: AGLIETTI, P. (ITALY); WILLIAMS, A. (UNITED KINGDOM)**

1.00	F428	Beliefs and attitudes of members of the British Association for Surgery of the Knee (BASK) regarding the treatment of anterior cruciate ligament injury Goddard, M. / Goddard, M.; Rees, A. J.
11.10	F429	Effect of double-bundle ACL reconstruction on tibial internal rotation: An "in vivo" CAOS study Monaco, E. / Monaco, E.; Labianca, L.; De Carli, A.; Conteduca, F.; Vadalà, A.; Ferretti, A.
11.20	F430	Comparison between single and double-bundle ACL reconstruction. A randomised clinical trial Giron, F. / Giron, F.; Aglietti, P.; Cuomo, P.; Losco, M.; Mondanelli, N.
11.30	F431	Double-bundle versus single-bundle anterior cruciate ligament reconstruction: A prospective, randomized clinical study Jarvela, T. / Jarvela, T.; Jarvinen, M.
11.40	F432	Comparison of the ACL reconstruction with quadrupled hamstring tendons via arthrotomy versus arthroscopy. Minimum 2.5 years of follow-up Walawski, J. / Walawski, J.; Gawęda, K.; Węglowski, R.
11.50	F433	ACL reconstruction with quadruple hamstring graft in childhood and adolescence Marx, A. / Marx, A.; Siebold, R.; Ellermann, A.

AUDITORIUM 8 – PETRARCA

INDUSTRY SYMPOSIUM **DUROM® HYBRID** **12.00 – 14.00**
MODERATORS: ZIMMER GMBH

FREE PAPERS: KNEE 12 **ACL 2** **14.00 – 15.30**
MODERATORS: DOWD, G. (UNITED KINGDOM); BUZZI, R. (ITALY)

14.00	F434	Effect of transosseous application of low-intensity ultrasound on gene expression at tendon graft-bone interface healing in rabbits Papatheodorou, L. K. / Papatheodorou, L. K.; Poultides, L. A.; Hantes, M. E.; Grafanaki, K.; Stathopoulos, C.; Malizos, K. N.
14.10	F435	New pattern of numbness following hamstring ACL reconstruction Farook, M. Z. / Farook, M. Z.; Marsh, A.; Khaleel, A.
14.20	F436	A new drilling technique for ACL tunnels: A comparative study of "Retrodrill" retrograde versus conventional drilling methods Karim, A. / Karim, A.; Thomas, J.; Edwards, A.; Puddu, G.; Thomas, N. P.; Amis, A. A.
14.30	F437	Optimizing femoral tunnel and interference screw alignment in ACL reconstruction: A mathematical model Marmotti, A. / Marmotti, A.; Collo, G.; Rossi, R.; Germano, M.; Castoldi, F.; Rossi, P.
14.40	F438	The effect of screw placement using a resorbable poly lactide carbonate (PLC) interference screw in an ovine ACL model Smitham, P. / Smitham, P.; Michaels, D.; Vizesi, F.; Oliver, R.; Bruce, W.; Yu, Y.; Cotton, N.; Walsh, W. R.
14.50	F439	New system for femoral fixation (TTS) in the anterior cruciate ligament reconstruction with hamstring tendons - 5-year follow-up Di Benedetto, P. / Di Benedetto, P.; Madonna, V.; Causero, A.; Zorzi, C.; Campailla, E.
15.00	F440	Simultaneous anterior cruciate ligament reconstruction and collagen meniscal implantation. Results of 42 cases with a minimum 18-month follow-up López, G. / López, G.; Maestro, A.; Leyes, M.; Forriol, F.; Llopis, J.; Fernandez, L.
15.10	F441	Anterior cruciate ligament reconstruction: A meta-analysis of function scores Biau, D. J. / Biau, D. J.; Tournoux, C.; Katsahian, S.; Schranz, P.; Nizard, R.
15.20	F442	Sensorial and behaviour impairment in ACL-deficient knee is really recognizable? Corradini, C. / Corradini, C.; Schipani, D.; Zanotta, M.; Verdoia, C.

SYMPOSIUM 35 **ACUTE MANAGEMENT OF OPEN HAND INJURIES** **16.00 – 17.30**
MODERATORS: SOUCACOS, P. (GREECE)

- SATT classification and management
Soucacos, P. (Greece)
- Approach to extensive soft tissue lesions
Hovius, S. (Netherlands)
- Tendon reconstruction
Beris, A. E. (Greece)
- Nerve and vascular injuries in the palm
Gulgonen, A. (Turkey)

AUDITORIUM 9 - DANTE

FREE PAPERS: HIP 12 **TROCHANTERIC FRACTURES** **8.00 - 9.00**
MODERATORS: PARKER, M. (UNITED KINGDOM); LAURENZA, F. (ITALY)

8.00	F443	The integrity of the lateral femoral wall in intertrochanteric hip fractures: A significant predictor for re-operation Palm, H. / Palm, H.; Jacobsen, S.; Sonne-Holm, S.; Krasheninnikoff, M.; Gebuhr, P.
8.10	F444	Evaluation of complications of three different types of proximal extra-articular femur fractures Suckel, A. / Suckel, A.
8.20	F445	Comparative analysis of the intra-operative and peri-operative outcomes of DHS vs IMHS for hip fractures Mansingh, R. / Mansingh, R.; Jarvis, W.; Webb, J.; O'Brien, S.
8.30	F446	Primary total hip arthroplasty in pertrochanteric fractures of old people and its impact on mortality Geiger, F. / Geiger, F.; Zimmermann-Stenzel, M.; Lehner, B.; Heisel, C.
8.40	F447	Fixation of subtrochanteric femoral fractures with dynamic condylar screw and interlocking nail - A prospective randomised controlled trial Rafiq, I. / Rafiq, I.; Ahmed, S.; Kapoor, A.; Shafique, S.; Quyyum, H.; Zaki, S. H.; Pervaiz, M.
8.50	F448	A retrospective study of the management of subtrochanteric femoral fractures with the Russell-Taylor reconstruction nail versus the Dynamic Condylar Screw Mitchell, S. / Mitchell, S.; Sinkler, J.; Sochart, D.

SYMPOSIUM 36 **INFECTION PROPHYLAXIS IN ORTHOPAEDIC SURGERY** **9.00 - 10.30**
MODERATORS: RODTLOF, A. C. (GERMANY)

Causative agents in orthopaedic infections and their susceptibility Rodtlof, A. C. (Germany)
Usefulness of teicoplanin to prevent MRSA infections Soriano, A. (Spain)

FREE PAPERS: HIP 13 **THR CERAMICS 1** **11.00 - 12.00**
MODERATORS: ARGENSON, J. N. (FRANCE); CHERUBINO, P. (ITALY)

11.00	F449	Alumina-on-alumina total hip arthroplasty. A multi-centre prospective study Garcia-Cimbrelo, E. / Garcia-Cimbrelo, E.; Murcia-Mazon, A.; Blanco-Pozo, A.; Marti, E.
11.10	F450	Retrieval analysis of squeaking alumina ceramic-on-ceramic bearings Walter, W. / Walter, W.; Kurtz, S.; Tuke, M.; Hozack, W.; Holley, K.; Campbell, D.; Hooper, G.; Garino, J.; Spriggins, T.
11.20	F451	Hydroxyapatite ceramic hip survey ceramic/ceramic bearings Buchanan, J. M. / Buchanan, J. M.
11.30	F452	Total hip replacement - These times are they a changing? Isaac, G. H. / Isaac, G. H.; Fleming, J.; Kay, P.; Nordsletten, L.; Stone, M.
11.40	F453	The contribution of surface finish and stem material to the particle size of debris produced at the stem/cement interface McGrath, L. R. / McGrath, L. R.
11.50	F454	Finite element analysis of squeaking hips Gillies, R. M. / Gillies, R. M.; Donohoo, S. M.; Walter, W. L.

AUDITORIUM 9 – DANTE

INDUSTRY SYMPOSIUM **MINIMALLY INVASIVE SURGERY, TIBIA FIRST – A NEW CHALLENGE WITH AN ESTABLISHED TECHNIQUE?** **12.00 – 14.00**
MODERATORS: ZIMMER GMBH

SYMPOSIUM 37 **FRACTURES IN OSTEOPOROSIS: A CHALLENGE IN STRATEGY AND SURGICAL TECHNIQUES** **14.00 – 15.30**
MODERATORS: MUTSCHLER, W. (GERMANY)

The burden of osteoporotic fractures in Europe
 Reginster, J. Y. (Belgium)

Operative techniques in osteoporotic fractures
 Mutschler, W. (Germany)

Strategies in secondary and tertiary prevention of osteoporotic fractures
 McLellan (United Kingdom)

FREE PAPERS: HIP 14 **THR PRIMARY CEMENTED 1** **16.00 – 18.00**
MODERATORS: HERNIGOU, P. (FRANCE); DI MURIA, G. V. (ITALY)

16.00 F455 Cemented versus uncemented femoral stems in rheumatoid arthritis patients in the Norwegian Arthroplasty Register
 Havelin, L. I. / Havelin, L. I.; Hallan, G.; Dybvik, E.

16.10 F456 Charnley's low-friction arthroplasty for Paget's disease of the hip – A concise follow-up of 15-28 years of a previous report
 Gajjar, S. / Gajjar, S.; Porter, M. L.

16.20 F457 Results of primary Charnley total hip replacement have improved over the years in Norway
 Furnes, O. / Furnes, O.; Lie, S.; Engesaeter, L.; Havelin, L.; Damborg, F.; Nissen, N.; Abrahamsen, B.; Brixen, K.; Jørgensen, H.

16.30 F458 Long-term changes around the Exeter stem after total hip arthroplasty (THA) – A prospective study with 60 months follow-up
 Damborg, F. / Damborg, F.; Nissen, N.; Abrahamsen, B.; Brixen, K.; Jørgensen, H.

16.40 F459 CT-assisted osteodensitometry of the acetabulum after cemented and uncemented total hip arthroplasty
 Müller, L. / Müller, L.; Ehrmann, C.; Nowak, T.; Pitto, R. P.; Forst, R.; Schmidt, R.

16.50 F460 Use of a rim cutter in cemented hip arthroplasty: A technical innovation
 Darmanis, S. / Darmanis, S.; Timperley, J.; Gie, G.; Hubble, M.; Howell, J.

17.00 F461 Results of Charnley's heavy and extra-heavy flanged 40 stems in total hip replacement. 9 to 22 years of follow-up
 Gajjar, S. M. / Gajjar, S. M.; Anderton, M.; Campbell, D.

17.10 F462 Exploring the "French paradox": A finite element analysis of crack propagation and implant stability using different cementation philosophies
 Scheerlinck, T. / Scheerlinck, T.; Janssen, D.; Van Aken, J.; Verdonschot, N.

17.20 F463 Properties of composite specimens of old and new bone cement
 Acharya, A. / Acharya, A.; Timperley, A. J.; Lee, C.

17.30 F464 Results of the C-stem polished triple-tapered femoral component
 Sochart, D. H. / Sochart, D. H.; Chaudhary, N.

17.40 F465 Triple-tapered cemented polished stem in total hip arthroplasty. A review of 1,008 cases using the C-stem with a minimum of 5 years clinical and radiological follow-up
 Purbach, B. / Purbach, B.; Kay, P.; Wroblewski, M.; Siney, P.; Fleming, P.

17.50 F466 In vitro, CT-scan based, analysis of interfacial gaps between femoral hip implants and their cement mantle
 Vandenbussche, P. / Vandenbussche, P.; Scheerlinck, T.

SUNDAY
13 MAY 2007

AUDITORIUM 10 – ARNOLFO

**EFORT/IOF/
BJD/ISFR** MODERATORS **8.00 – 10.00**

EFORT/IOF **OSTEOPOROSIS: NEW INSIGHT** **10.30 – 12.00**
MODERATORS:

**INDUSTRY
SYMPOSIUM** **RESTORING NORMAL KNEE KINEMATICS IN THE ACTIVE** **12.00 – 14.00**
TOTAL KNEE REPLACEMENTS?
MODERATORS: SMITH & NEPHEW ORTHOPAEDICS

**REE PAPERS:
TUMOURS 3** **PROSTHESIS 1** **14.00 – 15.30**
MODERATORS: WINKELMAN, W. (GERMANY); MERCURI, M. (ITALY)

14.00	F467	Surgical treatment of sacrococcygeal chordoma Bank, A. / Bank, A.; Varga, P. P.
14.10	F468	Local resection and endoprosthetic replacement of proximal humeral tumours HIZ, M. / HIZ, M.; Aksu, T.; Unlu, M. C.; Ustundag, S.; Tenekecioglu, Y.
14.20	F469	Endoprosthetic replacement of the distal femur for bone tumours - The long-term results Myers, G. J. / Myers, G. J.; Grimer, R. J.; Carter, S. R.; Tillman, R. M.; Abudu, S.
14.30	F470	Preliminary clinical experience of the Istituto Rizzoli with the GMRS modular reconstructive prosthesis for the lower limb Ruggieri, P. / Ruggieri, P.; Bosco, G.; Campanacci, L.; Mercuri, M.
14.40	F471	Allograft prosthetic composite following bone tumour resection of the proximal tibia Bianchi, G. / Bianchi, G.; Donati, D.; Di Bella, C.; Colangeli, M.; Colangeli, S.; Mercuri, M.
14.50	F472	Prosthetic replacement in the treatment of lower limb bone metastases: Analysis of 120 cases Fraschini, G. / Fraschini, G.; Camnasio, F.; Scotti, C.
15.00	F473	Local follow-up imaging after tumour resection and implantation of tumour endoprostheses in patients with osteosarcoma: Necessary as a routine examination or not? Tunn, P. / Tunn, P.; Pink, D.; Reichardt, P.; Fehlberg, S.
15.10	F474	Percutaneous radiofrequency ablation of osteoid osteoma De Biase, P. / De Biase, P.; Caldora, P.; Somigli, M. M.; Campanacci, D. A.; Beltrami, G.
15.20	F475	Radiofrequency ablation of intra-articular osteoid osteomas of the hip Mavrogenis, A. F. / Mavrogenis, A. F.; Kyriakopoulos, C. K.; Andreou, J.; Papagelopoulos, P. J.

SYMPOSIUM 38 **GIANT-CELL TUMOURS – TECHNIQUES AND FACTORS** **16.00 – 17.30**
IN PROGNOSIS
MODERATORS: SZENDRŐI, M. (HUNGARY)

Different techniques in the conservative surgical treatment of bone GTC Capanna, R. (Italy)
Local recurrence of GCT of bone with and without adjuvant therapy Becker, W. (Germany)
Treatment results of benign GCT of bone with pulmonary metastases Dominkus, M. (Austria)
How benign are the giant-cell tumours of bone: Outcome and prognostic factors Szendrői, M. (Hungary)

AUDITORIUM 11 – MASACCIO

FREE PAPERS: SCAPHOID AND LUNATE 1 8.00 – 9.00 HAND 3 MODERATORS: KOPYLOV, P. (SWEDEN); LANDI, A. (ITALY)

8.00	F476	Percutaneous fixation of non-displaced scaphoid fractures Ballester, M. / Ballester, M.; Sanchez, J.; Garcia, R.; Font, M.; Vilalta, I.; Auleda, J.; Tibau, R.
8.10	F477	Navigated placement of scaphoid screws with 3-D fluoroscopy - Technique and first laboratory results Citak, M. / Citak, M.; Gaulke, R.; Kendoff, D.; Hamwi, I.; Krettek, C.; Hüfner, T.
8.20	F478	Scaphoid non-unions treated with biodegradable materials Delgado, P. J. / Delgado, P. J.; Abad, J. M.; Fuentes, A.; Forriol, F.; Lopez-Oliva, F.
8.30	F479	Lunate trabecular structure, bone density patterns and ulnar variance Owers, K. / Owers, K.; Scougall, P.; Dabirrahmani, D.; Wernecke, G.; Jhamb, A.; Walsh, W.
8.40	F480	Treatment of advanced Kienbock's with scaphocapitate fusion Rongieres, M. / Rongieres, M.; Ayel, J.; Gaston, A.; Mansat, P.; Mansat, M.
8.50	F481	Arthroscopic debridement and closed pinning for late presenting dynamic scapho-lunate instability Darlis, N. / Darlis, N.; Giannoulis, F.; Weiser, R. W.; Sotereanos, D. G.

SYMPOSIUM 39 CLUBFOOT 9.00 – 10.30 MODERATORS: GRILL, F. (AUSTRIA)

Treatment of congenital clubfoot by Ponsetti method: Early results Napionteck, M. (Poland)
Clubfoot pathomorphology: How to understand the deformity? Epeldegui, T. (Spain)
Prenatal diagnosis: Reliability and consequences Wientroub, S. (Israel)
Clubfoot: The French method Dimeglio, A. (France)
Primary and secondary surgical treatment of clubfoot Krauspe, R. (Germany)
Case presentation: Panel discussion Benson, M. (United Kingdom)

ICL 14 MANAGEMENT OF LIMB LENGTH INEQUALITY 11.00 – 12.00 MODERATORS: IPPOLITO, E. (ITALY)

INDUSTRY SYMPOSIUM MATERIAL AND DESIGN ADVANCES IN TOTAL KNEE ARTHROPLASTY 12.00 – 14.00 MODERATORS: STRYKER EMEA

AUDITORIUM 11 - MASACCIO

SYMPOSIUM 40 SCREENING IN DDH: DOES IT MATTER? 14.00 - 15.30
MODERATORS: WIENTROUB, S. (ISRAEL)

- Clinical screening for DDH
Eastwood, D. (United Kingdom)
- The role of sonography in screening and treatment of DDH
Graf, R. (Austria)
- Does screening affect surgery rate in DDH?
Grill, F. (Austria)
- Panel discussion: Evidence-based medicine in DDH screening and treatment
Wientroub, S. (Israel)

FREE PAPERS: MISCELLANEOUS 1 16.00 - 18.00
HAND 4 MODERATORS: HOVIUS, S. (NETHERLANDS); BUFALINI, C. (ITALY)

- 16.00 F482 Cost effectiveness of out-patient procedures in hand surgery - A prospective study
Webb, J. A. / Webb, J. A.; Stothard, J.
- 16.10 F483 Compared utility of ultrasound vs. MRI at diagnosis for the rupture of the TFCC with arthroscopical confirmation
Font, J. / Font, J.; Monegal, A.; Santana, F.; Doreste, J.; Mir, X.
- 16.20 F484 The benefit of intra-operative arthrography with wrist arthroscopy
Broadbent, M. / Broadbent, M.; Shakeel, M.; Bach, O. S.
- 16.30 F485 Autologous iliac crest bone graft versus demineralized bone matrix allograft for intercarpal fusions
Darlis, N. A. / Darlis, N. A.; Giannoulis, F.; Kaufmann, R. A.; Sotereanos, D. G.
- 16.40 F486 Ulnocarpal impaction syndrome - Surgical treatment using ulnar shortening osteotomy
Hexel, M. / Hexel, M.; Chochole, M.; Wik, M.; Krasny, C.; Landsiedl, F.
- 16.50 F487 Mid-term results of Arpe® prosthesis for the basal thumb osteoarthritis
Apard, T. / Apard, T.; Saint Cast, Y.
- 17.00 F488 Linburg-Comstock syndrome revisited
Prause, E. / Prause, E.; Power, D.; Khalid, M.; Tan, S.
- 17.10 F489 The cascade sign and lister method: Are they reliable in assessing rotational deformity of the digits?
Ashraf, M. / Ashraf, M.; Thakral, R.; McCarthy, T.; Lundon, P.; O'Sullivan, K.; MacElwain, J.
- 17.20 F490 The surgical treatment of mucous cysts of the distal interphalangeal joints of the fingers: Review of cases and evaluation of outcome
Zafar, M. S. / Zafar, M. S.; Rajaratnam, V.; Craigen, M.
- 17.30 F491 First results of pyrocarbon implants for degenerative arthritis of the pip joint
Heers, G. / Heers, G.; Grifka, J.; Borisch, N.
- 17.40 F492 A new surgical classification and post-operative protocol following very distal replantation
Kasai, T. / Kasai, T.; Ogawa, Y.; Ishii, S.; Chikenji, T.; Hamada, Y.; Miyamoto, M.
- 17.50 F493 Digital nerve reconstruction in the hand using biodegradable polyglycolic acid conduits
Pafilas, D. N. / Pafilas, D. N.; Vekris, M.; Gartzonikas, D.; Korompilias, A. V.; Beris, A.

AUDITORIUM 12 - DONATELLO

CROSS-FIRE 7 JUXTA-ARTICULAR FRACTURES - STANDARD OR INTERLOCKED PLATES? 8.00 - 9.30 MODERATORS: LINDAHL, J. (FINLAND)

Evolution from standard to locked plates
Peicha, G. (Austria)

Distal femoral fractures
Peicha, G. (Austria)

Proximal tibial fractures: Standard or locked plates ?
Lindahl, J. (Finland)

Pilon fractures
Kirjavainen, M. (Finland)

FREE PAPERS: OSTEOPOROSIS 2 MISCELLANEOUS 2 9.30 - 10.30 MODERATORS: SWENSON, O. (NORWAY); TREVISAN, C. (ITALY)

9.30 F494 Fracture healing in a mouse model for senile osteoporosis
Egermann, M / Egermann, M.; Ito, K.; Hofstetter, W.; Richards, P.

9.40 F495 Is intramedullary angular stable nailing with the Targon DR(r) nail beneficial in osteoporotic distal radial fractures when compared to volar plating. A prospective randomized multi-centre trial employing osteodensitometry
Gratl, G. / Gratl, G.; Wendt, M.; Gierer, P.; Beck, M.; Mittlmeier, T.

9.50 F496 Alendronate improves fixation in osteoporotic bone. A prospective randomized clinical study of peritrochanteric fractures
Moroni, A. / Moroni, A.; Faldini, C.; Hoang-Kim, A.; Pegreff, F.; Tesi, F.; Giannini, S.

10.00 F497 Bone response to soybean-based biomaterials
Merolli, A. / Merolli, A.; Santin, M.; Ambrosio, L.; Nicolais, L.

10.10 F498 Need for additional calcium to reduce the risk of hip or any non-vertebral fracture with vitamin D supplementation: Evidence from a comparative meta-analysis of randomized controlled trials
Haentjens, P / Haentjens, P.; Vanderschueren, D.; Lips, P.; Boonen, S.

10.20 F499 Polymorphisms and haplotypes in relation to bone mineral density in Spanish postmenopausal women
Caceres, E. / Caceres, E.; Bustamante, M.; Nogues, .; XElosua, R.; Perez-Edo, L.; Balcells, S.; Diez-Perez, A.; Grinberg, D

CROSS-FIRE 8 DEGENERATIVE DISC: INDICATIONS FOR PROSTHESIS OR FUSION? 10.30 - 12.00 MODERATORS: GILLE, O. (FRANCE)

Lumbar spine: in favour of prosthesis
Steib, J. P. (France)

Lumbar spine: against
Van Ooij, A. (Netherlands)

Cervical spine: in favour of prosthesis
Gille, O. (France)

Cervical spine: against
Villas, C. (Spain)

SUNDAY

13 MAY 2007

AUDITORIUM 12 - DONATELLO

INDUSTRY SYMPOSIUM **INNOVATION IN BONE-BUILDING: NEW OSTEOINDUCTIVE AND OSTEOCONDUCTIVE SOLUTIONS FOR THE TREATMENT OF METAPHYSEAL FRACTURES** 12.00 - 14.00
MODERATORS: SYNTHES GMBH

CROSS-FIRE 9 **DYNAMIC OR RIGID STABILISATION IN THE LUMBAR SPINE** 14.00 - 15.30
MODERATORS: MAZEL, C.H. (FRANCE)

Dynamic instrumentation in fusion and in degenerative lumbar spine
Mazel, C.H. (France)

Rigid instrumentation in degenerative lumbar spine fusion
Bartolozzi, P. (Italy)

CROSS-FIRE 10 **RECURRENT DISLOCATION SHOULDER (OPEN OR ARTHROSCOPIC)** 16.00 - 17.30
MODERATORS: HARDY, P. H. (FRANCE)

Clinical selection
Cartucho, A. (Portugal)

Radiographic selection
Hardy, P. H. (France)

Arthroscopic shoulder stabilization: Technique
Wiedemann, E. (Germany)

Open Latarjet: How I do it
Hardy, P. H. (France)

Failures: The open technique
Hackney, R. (United Kingdom)

Failures: The arthroscopic technique
Francesco, F. (Italy)

AUDITORIUM 13 – ANGELICO

FREE PAPERS: ACHILLES TENDON INJURIES 1 8.00 – 9.00 FOOT AND ANKLE 1 MODERATORS: FABBRICIANI, C. (ITALY); DOUNIS, E. (GREECE)

8.00	F500	Ultrasound to decide treatment between cast immobilization and operative treatment of ruptured Achilles tendon Syed, T. A. / Syed, T. A.; Sadiq, M. Z.; Shah, Y. R.; Wallace, D. A.
8.10	F501	The Achillon Achilles tendon repair - Is it strong enough? Calder, J. D. F. / Calder, J. D. F.; Ismail, M.; Karim, A.
8.20	F502	Mechanical properties of Achilles tendon reconstructions using the peroneus brevis or the flexor hallucis longus tendon Herrmann, S. / Herrmann, S.; Datta, B.; Mafulli, N.; Neil, M.; Walsh, W.
8.30	F503	Correlation between isokenetic testing of the calf muscle versus calf atrophy after repaired acute Achilles tendon rupture Majewski, M. / Majewski, M.; Gösele, A.; Benthien, J.; Dick, W.
8.40	F504	Percutaneous and open surgical repairs of Achilles tendon ruptures: Comparison of surgical techniques Tarello, M. / Tarello, M.; Favuto, M.; Casella, A.; Panero, B.; Masse', A.
8.50	F505	A subjective outcome analysis on tendo-Achilles rupture Rajasekar, K. / Rajasekar, K.; Faraj, A.

SYMPOSIUM 41 HALLUX VALGUS AND FOREFOOT SURGERY: MINI-INVASIVE OR OPEN? 9.00 – 10.30 MODERATORS: DE LAVIGNE, C. (FRANCE)

Hallux valgus surgical treatment using minimally invasive technique De Lavigne, C. (France)
Minimally invasive first metatarsal closing base wedge Suger, G. (Germany)
M.I.S. in hallux valgus: Complications De Prado, M. (Spain)
Percutem surgical treatment of metatarsalgias De Prado, M. (Spain)
Claw-toe surgery using minimally invasive techniques Determe, P. (France)

FREE PAPERS: RADIAL FRACTURES CMCI – FLEXOR TENDONS 1 11.00 – 12.00 HAND 2 MODERATORS: HARTMUT, S. (DENMARK); LUCHETTI, R. (ITALY)

11.00	F506	Volar-ulnar tension band plating for unstable or comminuted displaced distal radius fractures. A new classification for accuracy of reduction Haidar, S. G. / Haidar, S. G.; Joshy, S.; Charity, R.; Ghosh, S.; Tillu, A.; Deshmukh, S.
11.10	F507	Combined surgical approaches for complex distal radius fractures Psychoyios, V. / Psychoyios, V.; Dakis, K.; Annis, P.; Athanasopoulou, A.; Kinnas, P.
11.20	F508	Denervation of the base of the thumb in the treatment of trapezio-metacarpal joint arthritis of the thumb Giannikas, D. / Giannikas, D.; Sigelos, S.; Karbasi, A.; Matzaroglou, C.; Tyllianakis, M.
11.30	F509	Excision of the trapezium for thumb carpometacarpal osteoarthritis - Simple trapeziectomy or with soft tissue reconstruction? Pace, A. / Pace, A.; Davis, T.
11.40	F510	Mesh pulley plasty for flexor tendon repair - An experimental study on porcine model Kumar, D. / Kumar, D.; Cheppali, R.; Herman-Kuiper, J.
11.50	F511	The role of suture materials in digital flexor tendon repairs Zagoreos, N. / Zagoreos, N.; Miller, B.; Trumble, T.

AUDITORIUM 13 – ANGELICO

INDUSTRY SYMPOSIUM **THE COMPUTER-ASSISTED HIP SYSTEM AND DUAL-MOBILITY CUP: TWO WAYS OF ANSWERING THE REMAINING THA CRITICAL ISSUES** 12.00 – 14.00
MODERATORS: TORNIER

SYMPOSIUM 42 **SURGICAL MANAGEMENT OF THE RHEUMATOID FOOT AND ANKLE** 14.00 – 15.30
MODERATORS: NELISSEN, R. (NETHERLANDS)

Introduction

Nelissen, R. (Netherlands)

Surgical management of the rheumatoid forefoot

Fuhrmann, R. (Germany)

Hindfoot problems in RA

Dounis, E. (Greece)

Total ankle arthroplasty: Current concepts and new insights

Doets, H. C. (Netherlands)

FREE PAPERS: FOOT AND ANKLE 2 **FUSION AND ARTHROPLASTY 1** 16.00 – 18.00
MODERATORS: GIANNINI, S. (ITALY); DOETS, H. C. (NETHERLANDS)

16.00	F512	Bone graft harvest from the proximal tibia in foot and ankle arthrodesis surgery Whitehouse, M. / Whitehouse, M.; Lankester, B. J. A.; Winson, I. G.; Hepple, S.
16.10	F513	Arthroscopic subtalar fusion for symptomatic hindfoot arthritis: A prospective study of 51 cases Glanzmann, M. C. / Glanzmann, M. C.; Sanhueza-Hernandez, R.
16.20	F514	Long-term follow-up of ankle fusion: Repeated clinical and radiological assessment of the same series at 7 and 23 years (19-36 years) of follow-up Migaud, H. / Migaud, H.; Girard, J.; Trichard, T.; Remy, F.; Soenen, M.; Bachour, F.; Duquennoy, A.
16.30	F515	Changes in Chopart joint load following tibiotalar arthrodesis Suckel, A. / Suckel, A.; Mueller, O.; Langenstein, P.; Wuelker, N.
16.40	F516	Arthroscopic subtalar arthrodesis Felicissimo, P. J. / Felicissimo, P. J.; Pires, L.
16.50	F517	Ankle/hindfoot arthrodesis in rheumatoid arthritis improves kinematics and kinetics of the knee and hip: A prospective gait analysis study Weiss, R. J. / Weiss, R. J.; Broström, E.; Stark, A.; Wretenberg, P.
17.00	F518	Ankle allograft: Does it work? Giannini, S. / Giannini, S.; Buda, R.; Vannini, F.; Bevoni, R.; Di Caprio, F.
17.10	F519	Early clinical results of the box ankle prosthesis Leardini, A. / Leardini, A.; Sarti, D.; Catani, F.; Romagnoli, M.; Giannini, S.
17.20	F520	Intermediate results of Buechel Pappas unconstrained uncemented total ankle replacement Higgins, G. A. / Higgins, G. A.; Ali, M. S.; Mokhmer mohamed, M.
17.30	F521	Increased metabolic energy cost of walking after unilateral total ankle arthroplasty Doets, H. C. / Doets, H. C.; Vergouw, D.; Veeger, H. E.; Houdijk, H.
17.40	F522	Total ankle replacement in patients with post-traumatic, idiopathic and rheumatoid destructions (STAR) Kapella, M. / Kapella, M.; Reinert, A.; Kreuzsch-Brinker, R.
17.50	F523	Importance of medio-lateral length, antero-posterior measure and the surface of tibial components in total ankle arthroplasty Saussez, T. / Saussez, T.; Saussez, T.; Cornu, O.; Devos Bevernage, B.; Maldaque, P.; Leemrijse, T.

AUDITORIUM 14 - VASARI

INDUSTRY SYMPOSIUM **INFLUENCE OF MATERIAL IN TOTAL HIP AND KNEE REPLACEMENT** 12.00 - 14.00
MODERATORS: CERAMTEC AG

AO FOUNDATION **FEMORAL FRACTURES: NEW TREND AND OSTEOPOROTIC COMPLICATIONS** 14.00 - 19.00
MODERATORS:

14.00	Welcome AO Italy Capitani, D.; Pace, A.
14.05	What has changed in AO Rüedi, T.
14.10	Role of AO education De Boer, P.
	New trends in femoral shaft fractures Moderators: Giannoudis, PV; Haas, N. Discussor: Pape, H. C.
14.25	Timing of fixation Castelli, F.
14.40	Nailing: Indications and limitations Maggi, F.
14.55	Plating: Indications and limitations Monesi, M.
15.10	Ex Fix: Indications and limitations Santolini, F.
15.25	Discussion
15.45	Conclusions Pape, H.C.
15.50	Coffee break
	How to treat complications Moderators: Aldegheri, R.; Zinghi, G. Discussor: Krettek, C.
16.05	Femoral non-unions Krettek, C.
16.25	Femoral bone defect and infection Buzzi, R.
16.45	Discussion
17.05	Conclusions Krettek, C.
	Femoral fractures in the elderly Moderators: Capitani, D.; Van der Werken, C. Discussor: Regazzoni, P.; Moroni, A.
17.10	Fixation problems in proximal femoral fracture Annichiarico, N.
17.25	Fixation problems in distal femoral fracture Oransky, M.
17.40	Discussion

SUNDAY
13 MAY 2007

AUDITORIUM 14 - VASARI

AO FOUNDATION	FEMORAL FRACTURES: NEW TREND AND OSTEOPOROTIC COMPLICATIONS MODERATORS:	14.00 - 19.00
18.00	Conclusions Regazzoni, P.; Moroni, A.	
	Periprosthetic fractures Moderators: Giacometti Ceroni, R.; Giannini, S. Discussor: D'Imporzano, M.	
18.05	When the fixation? Pace, A.	
18.20	When the replacement? Franchin, F.	
18.35	Discussion	
18.55	Conclusions D'Imporzano, M.	
19.00	End of symposium Pace, A.; de Boer, P	

AUDITORIUM 15 - DELLA ROBBIA

EAMST	MODERATORS:	8.00 - 12.00
INDUSTRY SYMPOSIUM	TUMOUR SURGERY WITH A MODULAR RECONSTRUCTION SYSTEM MODERATORS: WALDEMAR LINK	12.00 - 14.00
EAMST	MODERATORS:	14.00 - 18.00

AUDITORIUM 1 - MICHELANGELO

FREE PAPERS: HIP 15 **BLOOD LOSS AND THROMBOEMBOLISMS 1** **8.00 - 9.30**
MODERATORS: HERBERTS, P. (SWEDEN); BÖHLER, N. (AUSTRIA)

8.00	F524	Perioperative blood loss and complications in relation to periacetabular osteotomy in adults Stenger, M. / Stenger, M.; Ovesen, O.; Overgaard, S.
8.10	F525	A randomised prospective study of post-operative blood salvage with autologous retransfusion in primary total hip replacement Williams, D. / Williams, D.; Smith, L.; Langkamer, V. G.
8.20	F526	Are there new solutions for blood-saving in hip surgery? Astore, F. / Astore, F.; Spotorno, L.; Traverso, F.; Dagnino, A.; Ricci, D.; Ursino, N.; Scardino, M.
8.30	F527	Effect of Aprotinin on transfusion requirements and blood loss in elective primary total hip arthroplasty (THA) Colwell, C. W. / Colwell, C. W.; Jacques, C. E.; Stevens, D. G.; O'Keefe, T. J.; Hall, R. I.; Parvizi, J.; Nadel, A.; Murkin, J. M.
8.40	F528	Identification and treatment of anaemia in patients awaiting hip replacement Rogers, B. / Rogers, B.; Cowie, A.; Alcock, C.; Rosson, J.
8.50	F529	Does a history of cardiac disease or hypertension increase mortality following primary elective total hip arthroplasty? Gaston, M. / Gaston, M.; Amin, A.; Clayton, R.; Brenkel, I.
9.00	F530	Rivaroxaban (BAY 59-7939) - A novel, oral, direct Factor Xa inhibitor - For prevention of venous thromboembolism after major orthopaedic surgery: Overview of three phase II trials Eriksson, B. I. / Eriksson, B. I.; Borris, L.; Dahl, O. E.; Fisher, W. D.; Haas, S.; Kakkar, A. K.; Kwong, L. M.; Misselwitz, F.; Turpie, A. G.
9.10	F531	Our experience with a new, rapid, qualitative urine test to identify patients with persistent coagulation activation after elective hip arthroplasty Borris, L. / Borris, L.; Lassen, M.; Breindahl, M.; Ryge, C.
9.20	F532	Proximal femoral fractures and concomitant aortic stenosis: Morbidity and mortality Majid, I. / Majid, I.; Rahbi, H.; Ibrahim, T.; Slibi, M.

ICL 15 **THR IN THE YOUNGER PATIENT** **9.30 - 10.30**
MODERATORS: DALAUNAY (FRANCE)

FREE PAPERS: HIP 16 **NAVIGATION 1** **11.00 - 12.00**
MODERATORS: MATTES, T. (GERMANY); MERLOZ, P. (FRANCE)

11.00	F533	Accuracy of the anterior pelvic plane to guide cup insertion by using imageless computer assistance: Variation of position in 106 subjects Pinoit, Y. / Pinoit, Y.; May, O.; Girard, J.; Ala Eddine, T.; Laffargue, P.; Migaud, H.
11.10	F534	Increased accuracy of acetabular cup placement, stem placement and leg length with imageless computer navigation Pickering, S. A. W. / Pickering, S. A. W.; Whitehouse, S.; Crawford, R.; Donnelly, W.
11.20	F535	Ultrasound-based versus pointer palpation method in THA navigation - A comparative study Kiefer, H. / Kiefer, H.
11.30	F536	Experience from 1,481 navigated THA Lazovic, D. / Lazovic, D.; Dunai, F.; Kaib, N.
11.40	F537	The figure-of-four axis as a reference to determine stem rotation in THA - What does it really measure? Nogler, M. / Nogler, M.; Mayr, E.; Thaler, M.; Williams, A.; Moctezuma de la Barrera, J.; Krismer, M.
11.50	F538	Is the precision of alignment of the femoral component affected by the use of a navigation system in surface replacement of the hip? Perlick, L. / Perlick, L.; Bathis, H.; Luring, C.; Kalteis, T.; Tingart, M.; Kock, F.; Beckmann, J.

AUDITORIUM1 - MICHELANGELO

SYMPOSIUM 43 PREVENTION AND TREATMENT OF UNSTABLE THR 14.00 - 15.30 MODERATORS: KNAHR, K. (AUSTRIA)

Overview

Knahr, K. (Austria)

Influence of implant orientation and design

Bader, R. (Germany)

Large diameter femoral heads for preventing THR dislocation

Wagner, M. (Germany)

Prevention by dual-mobility cups: Concept, design improvement

Langlais, F. (France)

Bousquet dual-mobility cups for improving THR stability: 1,544 cases

Farizon, F. (France)

Management of recurrent dislocation of THR using a ligament prosthesis

Andrew, J. G. (United Kingdom)

FREE PAPERS: THR COMPLICATIONS AND APPROACHES 1 16.00 - 17.30 HIP 17 MODERATORS: GETTY, J. (UNITED KINGDOM); ESCHERL, G.

16.00	F539	MR imaging of the abductor tendons and muscles after total hip replacement in asymptomatic and symptomatic patients Dora, C. / Dora, C.; Pfirrmann, C.; Nötzli, H.; Hodler, J.; Zanetti, M.
16.10	F540	Revalidation of the Vancouver classification of post-operative periprosthetic hip fractures Dodd, M. / Dodd, M.; Haddad, F. S.; Rayanmarakkar, F.
16.20	F541	Hip periprosthetic fractures Salcedo, M. / Salcedo, M.; Martínez, S.; Cordero, J.; Hernández, Á.; Viñuales, I.
16.30	F542	144 periprosthetic femoral fractures: Management and outcome Charity, J. / Charity, J.; Tsiridis, E.; Hubble, M.; Gie, G.; Howell, J.; John, T.
16.40	F543	A prospective study on 321 periprosthetic femur fractures reported to the Swedish National Total Hip Arthroplasty Register Lindahl, H. / Lindahl, H.; Malchau, H.; Garellick, G.; Herberts, P.
16.50	F544	X-ray diagnosis of heterotopic ossification. Sources of the errors and amendment of the assessment system Toom, A. / Toom, A.; Märtson, A.; Arend, A.; Haviko, T.
17.00	F545	Hips revised for dislocation: What were the risk factors? Conroy, J. / Conroy, J.; Whitehouse, S.; Ingerson, L.; Graves, S.; Davison, D.; Crawford, R.
17.10	F546	The transtrochanteric and antero-lateral approaches in primary hip arthroplasty: Comparison of morbidity Cashman, J. P. / Cashman, J. P.; Cashman, W. F.
17.20	F547	Influence of posterior versus lateral approach on Oxford hip score after primary hip replacement Inaparthi, P. K. / Inaparthi, P. K.; Chana, R.; Andrew, G.; Skinner, P. W.; Tuson, K. W.; EPOS, G.

AWARDS CEREMONY 17.30 - 18.00

AUDITORIUM 2 - LEONARDO

SYMPOSIUM 44 LUMBAR SPINAL STENOSIS 8.00 -9.30
MODERATORS: POSTACCHINI, F. (ITALY)

- Clinical practice based on basic research
Kikuchi, S. (Japan)
- Stenosis with degenerative spondylolisthesis
Postacchini, F. (Italy)
- Degenerative scoliosis and spinal stenosis
Marchesi, D. (Switzerland)
- Mini-invasive treatment in lumbar stenosis
Le Huec, J. C. (France)
- Long-term results of surgical treatment of lumbar spinal stenosis
Guigui, P. (France)

FREE PAPERS: RECENT ADVANCES 19.30-10.30
SPINE 4 MODERATORS: RYDEVIK, B. (SWEDEN); COSTANZO, G. (ITALY)

- 9.30 F548 Publication rates and citation indices of five major spine meetings - Which spine meetings have the highest value?
Fawzy, E. / Fawzy, E.; Dashti, H.; Oxborrow, N.; Williamson, J.
- 9.40 F549 Variation in position of the L4/5 disc interspace from the anatomical landmark - Review of 450 radiographs
Walsh, J. / Walsh, J.; Quinlan, J.; Butt, K.; Towers, M.; Devitt, A.
- 9.50 F550 Transoral kyphoplasty for tumours in C2
Sinigaglia, R. / Sinigaglia, R.; Nena, U.; Fabris Monterumici, D.
- 10.00 F551 Radical surgery for the treatment of spinal metastasis: A multi-centre prospective study of 223 patients
Ibrahim, A. / Ibrahim, A.; Crockard, H.; Boriani, S.; Bunger, C.; Gasbarrini, A.; Harms, J.; Mazel, C.; Melcher, R.; Tomita, K.
- 10.10 F552 Percutaneous vertebroplasty and kyphoplasty in the treatment of vertebral algodystrophy: A prospective study
Ramieri, A. / Ramieri, A.; Cellocco, P.; Barci, V.; Costanzo, G.
- 10.20 F553 Dynesys stabilization in degenerative lumbar spondylolisthesis: 4 years follow-up
Schaeren, S. / Schaeren, S.; Broger, I.; Jeanneret, B.

FREE PAPERS: OSTEOPOROTIC FRACTURES 1 11.00 - 12.00
SPINE 5 MODERATORS: CACERES PALOU, E. (SPAIN); MURA, P. (ITALY)

- 11.00 F554 Vertebroplasty in osteoporotic fractures
Tulha, J. M. / Tulha, J. M.; Pinto, R.; Matos, R.; Neves, N.; Trigo Cabral, A.
- 11.10 F555 Altered disc properties after an osteoporotic vertebral fracture. Is it a risk factor for adjacent fractures?
Tzermiadianos, M. / Tzermiadianos, M.; Hadjipavlou, A.; Renner, S.; Havey, R.; Voronov, M.; Zindrick, M.; Patwardhan, A.
- 11.20 F556 Percutaneous vertebroplasty: Clinical and radiological comparative analysis between the posterolateral and the transpedicular approach
Mhaidli, H. / Mhaidli, H.; Montesdeoca, A.; Lorenzo, J.; Fernandez, T.
- 11.30 F557 Circulatory effects of balloon kyphoplasty, and effectiveness of egg shell cementoplasty to prevent cement leakage
Hadjipavlou, A. / Hadjipavlou, A.; Tzermiadianos, M.; Katonis, P.; Gaitanis, I.; Paskou, D.; Kakavelakis, K.; Patwardhan, A.
- 11.40 F558 Percutaneous kyphoplasty versus hybrid kyphoplasty with supplementary instrumentation for management of osteoporotic and pathologic vertebral fractures
Repantis, T. / Repantis, T.; Korovessis, P.; Zacharatos, S.

AUDITORIUM 2 - LEONARDO

FREE PAPERS: LUMBAR STENOSIS AND SPONDYLOLISTHESIS 1 14.00 - 15.30 SPINE 6 MODERATORS: KIKUCHI, S. (JAPAN) ; MONTANARO, A. (ITALY)

14.00	F559	Predictive quality of treadmill test and MRI as pre-surgery diagnostic instruments in lumbar spinal stenosis Barz, T. / Barz, T.; Melloh, M.; Merk, H.; Staub, L.; Knöfler, F.
14.10	F560	More severe preoperative cauda equina constriction in central spinal stenosis results in better postoperative outcome Hansson, T. H. / Hansson, T. H.; Ogikubo, O.; Wessberg, P.; Forsberg, L.
14.20	F561	Lumbar laminectomy alone versus lumbar laminectomy with dynamic stabilization for degenerative lumbar stenosis in elderly patients Parisini, P. / Parisini, P.; Di Silvestre, M.; Lolli, F.; Bakaloudis, G.
14.30	F562	Dynamic devices for decompression of the lumbar spine: 1 and 2-year results of patients with intermittent neurogenic claudication Schwickal-Melot, J. / Schwickal-Melot, J.; Godde, G.; Krause, P.; Werner, D.; Mark, P.; Simons, P.; Huyer, C.
14.40	F563	Health-related quality of life (EQ-5D) before and after lumbar spinal stenosis surgery Jansson, K. Å. / Jansson, K. Å.; Granath, F.; Németh, G.; Jönsson, B.; Blomqvist, P.
14.50	F564	The long-term outcome of posterolateral instrumented fusion in adult low-grade isthmic spondylolisthesis. Minimum 10 years after surgery Matas, M. / Matas, M.; Ubierna, M.; Llabres, M.; Cassart, E.; Ruiz, J.; Iborra, M.; Cavanilles, J.
15.00	F565	One-stage posterior decompression-stabilization and trans-sacral interbody fusion after partial reduction for severe L5-S1 spondylolisthesis Bartolozzi, P. / Bartolozzi, P.; Pasquetto, D.; Marino, M. A.
15.10	F566	Deformity reduction in high grade spondylolisthesis García-German, D. / García-German, D.; Sánchez-Mariscal Díaz, F.; Zúñiga Gómez, L.; Pizones Arce, J.; Alvarez González, P.; Izquierdo Núñez, E.
15.20	F567	Adjacent segment degeneration after lumbosacral fusion in spondylolisthesis Zencica, P. / Zencica, P.; Chaloupka, R.; Krbec, M.; Cienciala, J.; Tichy, L.

SYMPOSIUM 45 ISTHMIC SPONDYLOLISTHESIS 16.00 17.30 MODERATORS: BOOS, N. (SWITZERLAND)

Introduction Boos, N. (Switzerland)
Classification of spondylolisthesis: Is it relevant? Lamartina, C.
Spondylolysis and low-grade spondylolisthesis: Which treatment options? Krauspe, R. (Germany)
High-grade spondylolisthesis: Is fusion "in situ" still a valid option? Schlenzka, D.
High-grade spondylolisthesis: The rationale for reduction and instrumented fusion Jeszszky, D.

MONDAY
14 MAY 2007

AUDITORIUM 3 – BRUNELLESCHI

SYMPOSIUM 46 **MINI-INVASIVE TKR: WHERE ARE WE?** **14.00 – 15.30**
MODERATORS: ARGENSON, J. N. (FRANCE)

- Approaches to the knee for minimally invasive arthroplasty
Spalding, T. (United Kingdom)
- Comparison between mini-subvastus and limited-parapatellar approach
Aglietti, P. (Austria)
- Performing bone cuts in minimally invasive TKA
Hofmann, S. (Belgium)
- Ligament balancing in MIS - TKA
Bellemans, J. (Italy)

SYMPOSIUM 47 **MENISCAL REPAIR AND RECONSTRUCTION** **16.00 – 17.30**
MODERATORS: VERDONK, R.

- Imaging techniques: How do they influence surgical techniques?
Nouris, G.
- Meniscal repair devices and technical issues
Albrecht Olsen, P.
- Meniscal repair: Arthroscopic technique
Höher, J.
- Meniscal repair for horizontal cleavage: Open technique
Beaufils, P.
- Lateral meniscus in the stable knee in adults: Traumatic and degenerative lesions
Charroit, O.
- Meniscal allograft: Open technique
Verdonk, R.

AUDITORIUM 4 – CIMABUE

SYMPOSIUM 48 **THE CHALLENGE OF STRESS FRACTURES** **9.00 – 10.30**
MODERATORS: VOLPIN, G. (ISRAEL)

- Etiology and pathogenesis of stress fractures
Finestone, A. (Israel)
- Prevention and treatment of stress fractures
Ekenman, I. (Sweden)
- Unusual location of stress fractures of the lower limb following strenuous activity
Volpin, G. (Israel)
- Stress fractures of the femoral neck in military recruits and young athletes
Visuri, T. (Finland)
- Interventions on bone of lower limbs in young adults
Rome, K. (United Kingdom)
- Biomechanical factors and risk factors for stress fracture
Orava, S. (Finland)

AUDITORIUM 4 - CIMABUE

ESB

11.00-12.00

MODERATORS: MEROLLI, A. (ITALY); TANNER, K. E. (UNITED KINGDOM)

11.00-11.30 Composite for bone augmentation and replacement
Tanner, K. E.

11.30-12.00 True and false about osteointegrative materials
Merolli, A.

FREE PAPERS: GENERAL ORTHOPAEDICS 7

BONE CEMENT ARTHRITIS 1

14.00 - 15.30

MODERATORS: KNAHR, K. (AUSTRIA); CAPONE, A. (ITALY)

14.00 F574 The effect of total hip or knee replacement for osteoarthritis on the body mass index of obese patients
Batuwitage, B. / Batuwitage, B.; Kirmani, S.; Draviraj, K.; Ali, F.; Babu, M.

14.10 F575 Surgical management of fractures during pregnancy
Ojeda-Thies, C. / Ojeda-Thies, C.; Moracia-Ochagavia, I.; Rubio-Suarez, J.; Alonso-Biarge, J.; Garcia-Cimbrello, E.

14.20 F576 The association of rheumatoid arthritis and non-union of traumatic fractures
Phillips, S. / Phillips, S.; MacPherson, G.; Gaston, M.; Noble, B.; Simpson, H.

14.30 F577 NaF in PMMA cement improves reparative bone response
Merolli, A. / Merolli, A.; Cacchioli, A.; Tranquilli Leali, P.; Gabbi, C.

14.40 F578 The effect of Vancomycin addition on the compression strength of antibiotic-loaded bone cement
Lilikakis, A. / Lilikakis, A.; Sutcliffe, M.

14.50 F579 Inter- and intra-batch variability in handling and viscosity of commonly used antibiotic-loaded bone cements
Dall, G. F. / Dall, G. F.; Simpson, P. M.; McKenzie, S.; Breusch, S. J.

15.00 F580 Return to sports after surface replacement arthroplasty and total hip arthroplasty: A randomized clinical trial
Lavigne, M. / Lavigne, M.; Massé, V.; Vendittoli, P.; Roy, A.

15.10 F581 Conversion of failed resurfacing arthroplasty of the hip
Amstutz, H. C. / Amstutz, H. C.; Ball, S. T.; Le Duff, M. J.

15.20 F582 Ten-year results of a composite total hip replacement stem in young patients
White, S. P. / White, S. P.; Lee, M.; Learmonth, I.

SYMPOSIUM 49

RECENT ADVANCES IN THE MANAGEMENT OF POLYTRAUMA

16.00 - 17.30

MODERATORS: KRETTEK, C. (GERMANY)

Amputation vs limb salvage
Krettek, C. (Germany)

Management of pelvic fractures
Giannoudis, P. V. (United Kingdom)

Damage control orthopaedics
Hildebrand, F. (Denmark)

AUDITORIUM 5 - GIOTTO

FREE PAPERS: TRAUMA LOWER LIMB 5 **IMAGING 1** **8.00 - 9.00**
MODERATORS: MUTSCHLER, W. (GERMANY); JANNELLI, P. (ITALY)

8.00	F583	Lymphoscintigraphic monitoring of the dynamics of bone fracture healing Szczęny, G. / Szczęny, G.; Górecki, A.; Olszewski, W. L.
8.10	F584	Computer-aided quantitative method of 3D callus evaluation for fracture healing impairment Glinkowski, W. M. / Glinkowski, W. M.; Zylkowski, J.; Wojciechowski, A.; Górecki, A.
8.20	F585	Intraoperative 3-D imaging - Value and consequences in 250 clinical cases Kendoff, D. / Kendoff, D.; Citak, M.; Geerling, J.; Stübig, T.; Pearle, A.; Krettek, C.; Hüfner, T.
8.30	F586	Post-operative CT after syndesmotic screw in ankle fractures? Radiologic and functional results of a prospective study Ahrberg, A. / Ahrberg, A.; Engel, T.; Josten, C.
8.40	F587	Orientation selectivity of foot radiographs on interpretation skills Batra, S. / Batra, S.; Gul, A.
8.50	F588	The use of the MDCT scan in calcaneal fractures Athanasopoulou, A. / Athanasopoulou, A.; Psychoyios, V.; Dinopoulos, H.; Galani, G.; Loti, S.

SPECIALIST TRAINING **MODERATORS:** **9.00 - 10.30**

ICL 16 **COMPUTER-ASSISTED KNEE ARTHROPLASTY** **11.00 - 12.00**
MODERATORS: MERLOZ (FRANCE)

FREE PAPERS: TRAUMA LOWER LIMB 6 **ANKLE INJURIES 1** **14.00 - 15.30**
MODERATORS: REDFERN, D. (UNITED KINGDOM); BIGGI, F. (ITALY)

14.00	F589	Implementation of the Ottawa ankle rules to exclude fractures of the ankle and midfoot Kandel, L. / Kandel, L.; Romas, K.; Stalnikowicz, R.; Brezis, M.
14.10	F590	The influence of timing of surgery on soft tissue complications in closed ankle fractures Saithna, A. / Saithna, A.; Feras, Y.; Moody, W.; Sargeant, I.
14.20	F591	The effect of time to theatre on length of stay in ankle fractures McLauchlan, G. J. / McLauchlan, G. J.; Van Mierlo, R.; Perkins, G.
14.30	F592	DVT in patients with ankle fractures: Is there a need for chemical prophylaxis? Patil, S. / Patil, S.; Hui, A.
14.40	F593	Early operative intervention in ankle fracture management Jensen, C. / Jensen, C.; Bajwa, A. S.; Yousaf, F.; Siddique, M. S.
14.50	F594	Lateral malleolus fracture stabilisation with interfragmentary screws: A biomechanical study Thakral, R. / Thakral, R.; Ashraf, M.; Kaar, K.; Brennan, W.; McHugh, P.
15.00	F595	Treatment results in talus fractures Cirstoiu, C. F. / Cirstoiu, C. F.; Badila, A. E.; Popescu, D. N.; Ene, R.; Radulescu, R. A.
15.10	F596	Our experience of retrograde ankle nailing; prospective follow-up of 38 cases Determe, P. / Determe, P.; Laffenetre, O.; Cermolacce, C.
15.20	F597	Thirty years looking for a reliable treatment of the lateral ankle joint ligament injuries Weitz, F. / Weitz, F.; Weitz, H.; Järvelä, T.

AUDITORIUM 5 - GIOTTO

SYMPOSIUM 50 INFECTIONS OF THE HAND AND WRIST 16.00 - 17.30 MODERATORS: MALIZOS, K. (GREECE)

- Human and animal bites
Burke, F. (United Kingdom)
- The life-threatening infections of the upper limb
Landi, A. (Italy)
- Atypical mycobacteria hand infections
Legré, R. (France)
- High-pressure and toxin infection injuries to the hand
Dailiana, Z. (Greece)
- Compartmental hand infections
Malizos, K. (Greece)

AUDITORIUM 6 - BOTTICELLI

FREE PAPERS: INSTABILITY 1 8.00 - 9.30 SHOULDER MODERATORS: HARDY, P. (FRANCE); PORCELLINI, C. (ITALY) AND ARM 4

- 8.00 F598 Demographic differences between structural and non-structural (muscle patterning) instability
Noorani, A. M. / Noorani, A. M.; Malone, A. A.; Jaggi, A.; Lambert, S. M.; Bayley, J. I.
- 8.10 F599 Scapular manipulation technique for reducing anterior shoulder dislocations - Improvement by modification
Regauer, M. / Regauer, M.; Hinterwimmer, S.; Bürklein, D.; Kanz, K.; Mutschler, W.
- 8.20 F600 Eight-year follow-up and arthropathy following the modified Bristow-Latarjet procedure
Spoor, A. / Spoor, A.; De Waal Malefijt, J.
- 8.30 F601 Open Bankart procedure - Long-term results
Bozic, R. / Bozic, R.; Hudetz, D.; Aljinovic, A.; Cicak, N.
- 8.40 F602 Open versus arthroscopic Bankart repair for traumatic anterior shoulder instability: 1 to 5-year results
Luetzner, J. / Luetzner, J.; Kruppenauer, F.; Luebke, J.; Bottesi, M.
- 8.50 F603 Synovial fluid replacement in arthroscopic shoulder surgery
Cohen, D. R. / Cohen, D. R.; Olivier, O.; Jahraja, H. A.; Kemp, G.; Hunter, J.; Waseem, M.
- 9.00 F604 Reabsorbable anchors in shoulder instability. Mid-term results
Russo, R. / Russo, R.; Giudice, G.; Ciccarelli, M.; Vernaglia Lombardi, L.; Cautiero, F.
- 9.10 F605 Clinical outcome of arthroscopic anterior stabilisation of shoulder using absorbable knotless suture anchors
Adla, D. N. / Adla, D. N.; Shukla, S.; Pandey, R.
- 9.20 F606 Revision arthroscopic shoulder stabilisation: Indications and results
Tytherleigh-Strong, G. / Tytherleigh-Strong, G.; Carey Smith, R.; Getgood, A.

ICL 17 KIENBÖCK'S DISEASE 9.30 - 10.30 MODERATORS: SCHUIND (BELGIUM)

AUDITORIUM 6 - BOTTICELLI

FREE PAPERS: DISTAL RADIAL FRACTURES 11.00 - 12.00
TRAUMA MODERATORS: VOLPIN, G. (FRANCE); CUGOLA, L. (ITALY)
UPPER LIMB 3

11.00	F607	Wire-loop fixation of the volar rim fragment of the distal radius Apergis, E. / Apergis, E.; Thanasas, C.; Xaralabidis, .; XPapadimitriou, G.; Arealis, G.; Theodoratos, G.
11.10	F608	Clinical outcome of early alarming complications of K-wiring in distal radial fractures Desai, A. S. R. / Desai, A. S. R.; Choudhary, A. K.; Shahi, K. B.
11.20	F609	Unstable intra-articular distal radius fractures. A prospective, randomised study to compare cast immobilisation versus percutaneous fixation Delgado, P. J. / Delgado, P. J.; Miranda, M.; Abad, J. M.; Forriol, F.; Lopez-Oliva, F.
11.30	F610	Comparison of different distal radius fracture fixation devices for the Colles fracture: Dorsal plates, pins, and palmar plate: Prospective continued study Obert, L. / Obert, L.; Leclerc, G.; Daniel, L.; Tropet, Y.; Garbuio, P.
11.40	F611	Surgical treatment of distal radial fractures. Comparison between closed reduction and external fixation versus open reduction and internal fixation. A randomized study Abramo, A. / Abramo, A.; Kopylov, P.; Tagil, M.
11.50	F612	A comparison between internal and external fixation in distal radius fractures Angrisani, C. / Angrisani, C.; Del Prete, S.

FREE PAPERS: MENISCAL PATHOLOGY AND TREATMENT 1 14.00 - 15.30
KNEE 13 MODERATORS: FERRETTI, A. (ITALY); BOLLEN, S. (UNITED KINGDOM)

14.00	F613	Clinical, MRI scan and arthroscopic correlation in diagnosis of meniscal and anterior cruciate ligament injuries Rayan, F. / Rayan, F.; Shukla, D.; Bhonsle, S.; Mukundan, C.
14.10	F614	The reproducibility of radiological anterior and posterior horn determination in lateral meniscus transplantation planning Wilmes, P. / Wilmes, P.; Seil, R.; Pape, D.; Kohn, D.
14.20	F615	Expression analyses of different growth factors, cytokines and proteins in human fibrochondrocytes of the knee meniscus Hoberg, M. / Hoberg, M.; Aicher, W. K.; Rudert, M.
14.30	F616	Collagen Meniscus Implant (CMI) regenerated new tissue increases activity levels after two years Rodkey, W. / Rodkey, W.; Briggs, K. K.
14.40	F617	Freezing causes changes in the menisci collagen net. A new ultra-structural menisci disarray scale Gelber, P. E. / Gelber, P. E.; Monllau, J. C.; Torres, A.; Lloreta, J.; Alameda, F.; Cáceres, E.
14.50	F618	Intraoperative pre-tensioning on meniscal transplants in an ovine model - Evaluation of the chondro-protective effects Von Lewinski, G. / Von Lewinski, G.; Pressel, T.; Hurschler, C.; Witte, F.
15.00	F619	Tissue engineering for meniscus regeneration Chiari, C. / Chiari, C.; Kon, E.; Koller, U.; Delcogliano, M.; Salter, D.; Ambrosio, L.; Plasenzotti, R.; Marcacci, M.; Nehr, S.
15.10	F620	Meniscal allograft transplantation: Long-term clinical results with mean follow-up of 10 years Aslam, N. / Aslam, N.; Cameron, J.
15.20	F621	Correlation of extent of meniscus loss during meniscectomy with clinical symptoms, function, and activity levels Rodkey, W. G. / Rodkey, W. G.; Briggs, K. K.; Steadman, J. R.

AUDITORIUM 6 – BOTTICELLI

FREE PAPERS: SHOULDER AND ARM 5 IMPINGEMENT AND ROTATOR CUFF TEARS 1 16.00 – 17.30

MODERATORS: HABERMEYER, P. (GERMANY); CASTAGNA, A. (ITALY)

16.00	F622	Randomised controlled study comparing subacromial NSAID (Tenoxicam) and steroid (Methylprednisolone) injection in patients with shoulder impingement syndrome Karthikeyan, S. / Karthikeyan, S.; Kwong, H.; Upadhyay, P.; Drew, S.; Turner, S.; Costa, M.; Griffin, D.
16.10	F623	Operative treatment of subacromial impingement and rotator cuff tear of the shoulder: Outcome comparison between outpatient and hospitalized patients Jarvela, S. / Jarvela, S.; Jarvela, T.; Aho, H.; Kiviranta, I.
16.20	F624	Reversion of the musculo-tendinous architecture in experimental chronic rotator cuff tears by continuous traction. An in vivo study in the sheep Zumstein, M. A. / Zumstein, M. A.; Meyer, D. C.; Frey, E.; Von Rechenberg, B.; Hoppeler, H.; Jost, B.; Gerber, C.
16.30	F625	Biomechanical evaluation of arthroscopic rotator cuff stitches in chronic ruptured human rotator cuffs versus intact cuffs: An in vitro study Wik, M. V. / Wik, M. V.; Abdelkafy, A.; Kotsaris, S.; Landsiedl, F.
16.40	F626	Influence of bone density of the humeral greater tuberosity on the mechanical strength of bone anchors for rotator cuff repair Müller, P. E. / Müller, P. E.; Pietschmann, M. F.; Froehlich, V.; Ficklscherer, A.; Jansson, V.
16.50	F627	Evolution of non-operatively treated supraspinatus tears Jost, B. / Jost, B.; Von Roll, A.; Pfirrmann, C. W. A.; Gerber, C.
17.00	F628	Repair of massive rotator cuff tears in patients older than 65 years Ciampi, P. / Ciampi, P.; Scotti, C.; Vitali, M.; Frascini, G.
17.10	F629	Lateral extension of the acromion and rotator cuff tears - A prospective study Sukthankar, A. / Sukthankar, A.; Werner, C. M.; Brucker, P.; Nyffeler, R. W.; Gerber, C.
17.20	F630	Results of arthroscopic rotator cuff repair Iossifidis, A. / Iossifidis, A.; Shah, Z.; Gill, I.

AUDITORIUM 7 – RAFFAELLO

ERASS / EFAS MODERATORS: 8.30 – 10.30

ERASS / EFAS MODERATORS: 11.00 – 12.00

INDUSTRY SYMPOSIUM SHOULDER ARTHROPLASTY: TECHNICAL TIPS 12.00 – 14.00

MODERATORS: KARL STORZ GMBH & CO KG

ERASS / EFAS MODERATORS: 14.00 – 15.30

ERASS / EFAS MODERATORS: 16.00 – 17.30

AUDITORIUM 8 – PETRARCA

FREE PAPERS: NAVIGATION 1 8.00 – 10.30
KNEE 14 MODERATORS: MERLOZ, P. (FRANCE); CINOTTI, G. (ITALY)

8.00	F631	Variability and accuracy of computer-assisted measurement of wear in knee arthroplasty Massin, P. / Massin, P.; Heizmann, J.; Prove, S.; Ponthieux, A.
8.10	F632	Does navigation improve rotational component alignment in total knee arthroplasty? Matziolis, G. / Matziolis, G.; Krockner, D.; Tohtz, S.; Perka, C.
8.20	F633	Prosthesis component alignments in navigated TKA Catani, F. / Catani, F.; Ensini, A.; Leardini, A.; Bianchi, L.; Giannini, S.
8.30	F634	Navigation achieves accurate alignment in TKR between different populations Clarke, J. / Clarke, J.; Dillon, J.; Mennessier, A.; Herin, L.; Picard, F.
8.40	F635	Quality of implant alignment and early results in minimally invasive navigated total knee arthroplasty Lampe, F. / Lampe, F.; Bohlen, K.; Dries, S.; Hille, E.
8.50	F636	2-year outcomes of CT-based and CT-free navigation for total knee arthroplasty Martin, A. / Martin, A.; Sheinkop, M. B.; Prens, M.; Moosmann, D.; Von Strempel, A.
9.00	F637	Accuracy and benefit from minimally invasive computer-assisted total knee arthroplasty Biasca, N. N. / Biasca, N. N.; Schneider, T.
9.10	F638	Restoration of the joint line in computer-navigated total knee arthroplasty Biasca, N. N. / Biasca, N. N.; Schneider, T.; Catani, F.
9.20	F639	Joint laxity in navigated total knee arthroplasty Biasca, N. N. / Biasca, N. N.; Schneider, T.; Catani, F.
9.30	F640	Computer-assisted knee arthroplasty does not result in improved functional outcome at one year compared with conventional instrumentation Sexton, S. A. / Sexton, S. A.; Kamat, Y.; Pearce, C.; Adhikari, A.
9.40	F641	The computer-assisted sequential lateral soft tissue release in total knee arthroplasty for valgus knees Lüring, C. / Lüring, C.; Oczipka, F.; Tamm, E.; Grifka, J.; Tingart, M.; Perlick, L.
9.50	F642	Varus and valgus stress measurements using navigation in TKR provide a quantitative method of soft tissue balancing Dillon, J. / Dillon, J.; Clarke, J.; Mennessier, A.; Herin, L.; Picard, F.
10.00	F643	Comparison of navigated vs. conventional high tibial osteotomy – A cadaver study Kendoff, D. / Kendoff, D.; Hankemeier, S.; Citak, M.; Wang, G.; Zheng, G.; Hüfner, T.; Krettek, C.
10.10	F644	Total knee replacement: Conventional vs. computer-assisted technique – A prospective alignment study of 1,000 cases Lüring, C. / Lüring, C.; Grifka, J.; Wolfsteiner, J.; Perlick, L.; Bähis, H.; Tingart, M.
10.20	F645	Blood loss following total knee replacement is reduced when using computer-assisted versus standard methods McConnell, J. / McConnell, J.; Dillon, J.; Kinninmonth, A.; Sarungi, M.; Picard, F.

AUDITORIUM 8 – PETRARCA

FREE PAPERS: REVISION 1 11.00 – 12.00 KNEE 15 MODERATORS: SPARMAN, M. (GERMANY); ZORZI, C. (ITALY)

11.00F	646	Prospective validation of Aori and Upenn systems in predicting actual bone loss in TKA revision Murphy, T. P. / Murphy, T. P.; Mulhall, K. J.; Saleh, K. J.
11.10	F647	Bone loss during revision total knee arthroplasty: Can we trust plain routine radiographs Restrepo, C. / Restrepo, C.; Ghanem, E.; Parvizi, J.; Hozack, W. J.; Purtill, J. J.; Sharkey, P. F.
11.20	F648	The modular MML revision system in knee revision and tumour arthroplasty Toepfer, A. / Toepfer, A.; Ludger, G.
11.30	F649	Revision total knee replacement using radial impaction grafting technique - Early results: 1 to 5-year follow-up Pullagura, M. / Pullagura, M.; Sengupta, S.; Shankar, N.
11.40	F650	Revision total knee arthroplasty for stiffness associated with femoral component malrotation Von Knoch, F. / Von Knoch, F.; Zanetti, M.; Naal, F.; Preiss, S.; Hodler, J.; Von Knoch, M.; Munzinger, U.; Drobny, T.
11.50	F651	Why do prostheses fail: Analysis of 100 consecutive revision surgeries in total knee arthroplasties (TKA) Pietsch, M. / Pietsch, M.; Rachl, J.; Djahani, O.; Hofmann, S.

INDUSTRY SYMPOSIUM IMPORTANT FACTORS WHEN CONSIDERING MIS 12.00 – 14.00 MODERATORS: ZIMMER GMBH

FREE PAPERS: MISCELLANEOUS 2 14.00 – 15.30 INFECTIION 2 MODERATORS: CORDERA, J. (SPAIN); CICERO, G. (ITALY)

4.00	F652	Diagnostic of periprosthetic joint infections: Evaluation of conventional microbiological procedures, ultrasonication of retrieved implants and molecular genetic techniques Dora, C. / Dora, C.; Altwegg, M.; Gerber, C.; Böttger, E.; Zbinden, R.
14.10	F653	The value of C-reactive protein, Interleukin 6, Procalcitonin and TNF alpha as marker of periprosthetic infection following total joint arthroplasty Boettner, F. / Boettner, F.; Erren, M.; Wegner, A.; Becker, K.; Winkelmann, W.; Goetze, C.
14.20	F654	FDG-PET imaging for the diagnosis of musculoskeletal infections Dornacher, D. / Dornacher, D.; Dreinhofer, K.; Frey, J.; Schirrmeyer, H.; Reichel, H.
14.30	F655	Orthopaedic wound surveillance using ASEPSIS Ashby, E. / Ashby, E.; Davies, M. J.; Wilson, A. P.; Haddad, F. S.
14.40	F656	Prevalence of ica-operon among coagulase-negative staphylococci (CoNS) isolated from orthopaedic patients. Reduced expression of icaA and icaC genes influence the biofilm production Poultides, L. A. / Poultides, L. A.; Petinaki, E.; Malizos, K. N.
14.50	F657	The effect of the extracorporeal shock wave therapy on bacterium cells, bacteria-suspensions and the effectiveness of intracellular acting antibiotics Horn, C. P. / Horn, C. P.; Gollwitzer, H.; Gerdesmeyer, L.
15.00	F658	Is the decompression alone a valid treatment for spinal infections? Karadimas, E. J. / Karadimas, E. J.; Høy, K.; Hansen, E. S.; Helming, P.; Holm, R.; Niedermann, B.; Haisheng, L.; Bunger, C.
15.10	F659	Our experience of the management of spinal tuberculosis (TB) in East London, UK: A case series of 107 patients over 10 years Critchley, C. / Critchley, C.; Taneja, T.; White, V.; Moore-Gillon, J.; Sivaraman, A.; Natali, C.
15.20	F660	Elution of Linezolid by a polylactic acid local antimicrobial delivery system Efsthathopoulos, N. / Efsthathopoulos, N.; Giamarellos Bourboulis, E. J.; Lazaretos, J.; Nikolaou, V.; Tsaganos, T.; Koutoukas, P.; Papalois, A.; Tsiolis, P.; Xypnitos, F.

MONDAY
14 MAY 2007

AUDITORIUM 8 – PETRARCA

FREE PAPERS: **MISCELLANEOUS 3** **16.00 – 17.30**
INFECTIOUS 3 **MODERATORS: SORIANO, A. (SPAIN); ROMANÒ, C. L. (ITALY)**

16.00	F661	A costly reply to the financial implications of Methicillin-resistant Staphylococcus Aureus (M.R.S.A.) in orthopaedics Koh, C. / Koh, C.; Hassan, K.; Karunaratne, D.
16.10	F662	Prediction model to identify patients developing MRSA infection in an orthopaedic unit Malik, A. / Malik, A.; Purushothaman, B.; Aparajit, P.; Dixon, P.; Berrington, A.
16.20	F663	Chronic long bone osteomyelitis and limb length discrepancy: A prospective series of 42 patients Norrish, A. / Norrish, A.; Bates, J.; Harrison, W. J.
16.30	F664	Management of foot osteomyelitis. A review of 30 cases Gougoulas, N. E. / Gougoulas, N. E.; Paridis, D.; Bargiotas, K.; Moraitis, T.; Dailiana, Z. H.; Malizos, K. N.
16.40	F665	Long-term clinical study of treatment of adult osteomyelitis with Osteoset Donati, D. / Donati, D.; De Paolis, M.; Bianchi, G.; Colangeli, M.; Colangeli, S.; Di Bella, C.
16.50	F666	Effect of Tobramycin on the osteogenesis of stem cells derived from human bone marrow Kwong, F. N. / Kwong, F. N.; Porter, R. M.; Griffin, D. R.; Evans, C. H.
17.00	F667	Antimicrobial activity of platelet-rich gel after antibiotic administration - A preliminary report Bielecki, T. / Bielecki, T.; Gazdzik, T. S.
17.10	F668	Antibiotic diffusion in pseudoarthrotic bone: Glycopeptides vs fluoroquinolones Aprato, A. / Aprato, A.; Garazzino, S.; Biasibetti, A.; Aloj, D.; Di Perri, G.; Masse', A.

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AUDITORIUM 9 - DANTE

FREE PAPERS : THR METAL ON METAL 1 **8.00 - 9.30**
HIP 18 **MODERATORS: MCMINN, D. (UNITED KINGDOM); CASTELLI, C. (ITALY)**

8.00	F669	Metal ions are associated with reduced CD8+ T cells: 100 hip resurfacings compared to 34 metal-on-poly arthroplasties Hart, A. / Hart, A.; Tarassoli, P.; Patel, C.; Powell, J.; Fersht, N.; Muirhead-Allwood, S.; Skinner, J.
8.10	F670	Evaluation of trace metals in primary cementless THA using three different articulation types Karamat, L. / Karamat, L.; Knahr, K.
8.20	F671	Preliminary blood metal ion levels in a ceramic-on-metal bearing as part of a prospective randomised THA bearing surface trial Van der Jagt, D. R. / Van der Jagt, D. R.; Schepers, A.
8.30	F672	Metallosis in contemporary metal-on-metal hip arthroplasty : 5 to 9-year follow-up Repantis, T. / Repantis, T.; Korovessis, P.; Petsinis, G.; Repanti, M.
8.40	F673	Significant increases in serum concentrations of chromium and cobalt but not of nickel and manganese two years after metal-on-metal alloarthroplasty of the hip: A prospective, randomised study comparing metal-on-metal with metal-on-polyethylene bearings Hailer, N. / Hailer, N.; Dahlstrand, H.; Stark, A.
8.50	F674	Cytokine release in metal/metal total hip arthroplasties Lohmann, C. H. / Lohmann, C. H.; Laupichler, D.; Junk-Jantsch, S.; Fiedler, M.; Pflüger, G.

SYMPOSIUM 51 PREVENTION AND TREATMENT OF OSTEOARTHRITIS: NON-SURGICAL MANAGEMENT **9.00 - 10.30**
MODERATORS: LOHMANDER, S. (SWEDEN)

Introduction. OA overview, burden of disease Lohmander, S. (Sweden)
Exercise in the prevention and treatment of OA Roos, E. (Sweden)
Weight loss in the prevention and treatment of OA Bliddal, H. (Denmark)
Drugs in the prevention and treatment of OA Müller, N. (Germany)

FREE PAPERS: THR METAL ON METAL 2 **11.00 - 12.00**
HIP 19 **MODERATORS: HADDAD, F. (UNITED KINGDOM); RANDELLI, G. (ITALY)**

11.00	F675	Metal ion release following forged, high carbon content, metal-on-metal hip surface replacement arthroplasty Vendittoli, P. A. / Vendittoli, P. A.; Mottard, S.; Roy, A. G.; Lavigne, M.
11.10	F676	The biological effects of metal ions from 25 bilateral hip resurfacings Hart, A. / Hart, A.; Tarrassoli, P.; Patel, C.; Buddhdev, P.; Hester, T.; Muirhead-Allwood, S.; Skinner, J.
11.20	F677	Metal nano particles from hip resurfacing have therapeutic potential against autoimmune diseases Hart, A. / Hart, A.; Pele, L.; Fersht, N.; Hester, T.; Skinner, J.; Powell, J.
11.30	F678	Histomorphology of retrieved tissues from early revisions of highly crosslinked DURASUL cups in total hip endoprostheses Rabenseifner, L. / Rabenseifner, L.; Willert, H.; Lang, I.
11.40	F679	Investigating effects of CoCr nano particles on the immune system Ogunwale, B. / Ogunwale, B.; Brewer, J.; Meek, R. D.
11.50	F680	Long-term results of the Hofer Imhof Lubrimet metal-on-metal articulation Neumann, D. R. P. / Neumann, D. R. P.; Berka, J.; Dorn, U.

AUDITORIUM 9 - DANTE

INDUSTRY SYMPOSIUM **NATURAL-KNEE®: BUILDING THE FUTURE ON PROVEN CLINICAL RESULTS** **12.00-14.00**
MODERATORS: ZIMMER GMBH

FREE PAPERS: HIP 20 **OUTCOME AND AIM 1** **14.00-15.30**
MODERATORS: SANTORI, F. S. (ITALY); IMPAGLIAZZO, A. (ITALY)

14.00	F681	Health technology assessment on the volume/outcome relationship in total hip replacement and effects of minimum provider volumes on medical care in Germany Schraeder, P. K. / Schraeder, P. K.
14.10	F682	Effect of surgical competence on the outcome of cemented hemi replacement in femoral neck fractures George Malal, J. / George Malal, J.; Pillai, A.; Nimon, G. A.
14.20	F683	The effect of smoking on the outcome after total hip replacement Cowie, J. / Cowie, J.; Khan, L. A.; Ballantyne, J. A.; Brenkel, I. J.
14.30	F684	Back pain and total hip arthroplasty: A prospective natural history study Eslampour, A. / Eslampour, A.; Goldberg, G.; Hilibrand, A. S.; Rothman, R. H.; Parvizi, J.
14.40	F685	Total hip arthroplasty after operative and conservative treatment of an acetabular fracture Aslam, N. / Aslam, N.; Pan, J.; Schemitsch, E.; Waddell, J.
14.50	F686	Hip arthrodesis: An innovative surgical technique and a new plate Hoekman, P. / Hoekman, P.; Garba, I.; Djimraou, G.; Halidou, D. B.
15.00	F687	Total hip arthroplasty as a treatment of avascular necrosis of femoral head in patients who have sickle-cell haemoglobinopathy Georgiou, G. C. / Georgiou, G. C.; Provelengios, S. M.; Vergados, N. T.; Voskaridou, E. N.; Valentis, E. I.; Dounis, E. E.
15.10	F688	Tantalum rods in treatment of patients in early stages of avascular necrosis of the femoral head. Preliminary results Syggelos, S. / Syggelos, S.; Megas, P.; Kasimatis, G.; Kouzelis, A.; Lambiris, E.
15.20	F689	Tantalum hip screw for femoral head osteonecrosis Negrão Ramos, P. M. / Negrão Ramos, P. M.; Vieira da Silva, M.; Coelho, R.; Lemos, R.; Costa e Castro, J.

SYMPOSIUM 52 **MUSCLES AND MUSCLE TRANSFERS IN MASSIVE ROTATOR CUFF LESIONS** **16.00 - 17.30**
MODERATORS: GERBER, C. (SWITZERLAND)

MONDAY
14 MAY 2007

AUDITORIUM 10 – ARNOLFO

FORTE **EUROPEAN TRAINEES ORGANIZATION** **8.00-10.00**
MODERATORS:

ICL 18 **DIAGNOSTIC AND TREATMENT STRATEGY FOR BONE TUMOURS** **11.00 – 12.00**
MODERATORS: KELLER (DENMARK)

INDUSTRY SYMPOSIUM **CHONDRAL DEFECTS IN THE KNEE** **12.00 – 14.00**
MODERATORS: SMITH & NEPHEW ORTHOP.

SYMPOSIUM 53 **TISSUE ENGINEERING IN BONE TUMOURS** **14.00 – 15.30**
MODERATORS: PICCI, P. (ITALY)

EU regulations

Loty, B. (France)

Cell culture (mesenchymal stem cells)

Giannoudis, P. V. (United Kingdom)

Scaffolds for tissue engineering in bone tumours

Delloye, C.H. (Switzerland)

The repair of small and large bone defects associated with bone tumours

Buma, P. (Netherlands)

Clinical applications for large defects in oncological orthopaedic surgery

Donati, D. (Italy)

FREE PAPERS: TUMOURS 4 **METASTASIS 1** **16.00 – 17.30**
MODERATORS: BAUER, H. C. (SWEDEN); PICCI, P. (ITALY)

16.00 F690 Primary bone tumours of the spine: A 42-year survey from the Leeds Regional Bone Tumour Registry
Kelley, S. P. / Kelley, S. P.; Ashford, R.; Rao, A.; Dickson, R.

16.10 F691 Metastatic bone disease: the requirement for improvement in a multi-disciplinary approach
Cumming, D. / Cumming, D.; Vince, A.; Benson, R.

16.20 F692 Secondary sarcomas of bone: analysis of factors affecting the outcome

Fabbri, N. / Fabbri, N.; Schuster, S.; Toscano, A.; Errani, C.; Mercuri, M.; Bacci, G.

16.30 F693 Neoadjuvant gene therapy of fibrosarcoma inhibits progression of minimal disease to liver metastases

Cashman, J. / Cashman, J.; Larkin, J.; Collins, C.; Casey, G.; Whelan, M.; Tangney, M.; O' Sullivan, G.

16.40 F694 Metastatic giant cell tumour of bone: Relationship with urokinase-type plasminogen activation system and clinical outcome

Fabbri, N. / Fabbri, N.; Farfalli, G.; Gamberi, G.; Benassi, S.; Briccoli, A.; Mercuri, M.

16.50 F695 Prognostic influence of surgical therapy in patients treated for skeletal lesions due to metastatic breast cancer

Dürr, H. R. / Dürr, H. R.; Seitz, S.; Weis, C.; Von Schulze Pellengahr, C.; Jansson, V.

17.00 F696 Treatment of pathological fracture in localised Ewing's sarcoma

Bhatnagar, S. / Bhatnagar, S.; Murata, H.; Abudu, A.; Grimer, R.; Carter, S.

17.10 F697 Functional results of vertebral augmentation techniques in pathological vertebral fractures of myelomatous patients

Kose, K. C. / Kose, K. C.; Cebesoy, O.; Akan, B.; Altinel, L.; Dinçer, D.; Yazar, T.

17.20 F698 Kyphoplasty in bone tumours

Becker, S. / Becker, S.; Meissner, J.; Chavanne, A.; Tuschel, A.; Ogon, M

AUDITORIUM 11 – MASACCIO

FREE PAPERS : DEFORMITIES 1 8.00 – 9.00 PAEDIATRICS 5 MODERATORS: GRILL, F. (AUSTRIA); ORIGO, C. (ITALY)

8.00	F699	Treatment of an anabolic bone deficiency in neurofibromatosis with bone morphogenetic proteins and its potential application for congenital pseudarthrosis of the tibia Ramachandran, M./ Ramachandran, M.; Schindeler, A.; Godfrey, C.; McDonald, M.; Little, D.
8.10	F700	Screening for symptomatic spinal stenosis in achondroplasia Devalia, K. L. / Devalia, K. L.; Moras, P.; Jones, S.; Pagdin, J.; McMullan, J.; Fernandes, J. A.
8.20	F701	Smoking in the adolescent paediatric population and its effect on limb reconstruction surgery Rajan, R. A. / Rajan, R. A.; Pagdin, J.; Jones, S.; Fernandes, J.
8.30	F702	Isolated Madelung's deformity. Long-term follow-up study of five patients treated surgically Potenza, V. / Potenza, V.; Farsetti, P.; Caterini, R.; Tudisco, C.; De Maio, F.; Mancini, F.; Ippolito, E.
8.40	F703	Surgical correction of neuromuscular scoliosis: Medium-term results Kumar, P. / Kumar, P.; Subramanian, K.; Kundra, R.; Bruce, C.; Dorgan, J.
8.50	F704	Multi-plane deformity correction using a unilateral external fixator with a universal bar link system Ohnishi, I. / Ohnishi, I.; Matsumoto, T.; Matsuyama, J.; Bessho, M.; Ohashi, S.; Sato, W.; Okazaki, H.; Nakamura, K.

SYMPOSIUM 54 BACK PAIN IN CHILDREN AND ADOLESCENTS 9.00 – 10.30 MODERATORS: HEFTI, F. (SWITZERLAND)

Epidemiology of back pain in children and adolescents Hefti, F. (Switzerland)
Anthropometric measurements and growth as predictors of low back pain Poussa, M. (Finland)
Back pain due to sports activities, spondylolisthesis and Scheuermann's Stanitski, C. (U.S.A.)
Back pain after operative treatment and trauma in childhood or adolescence Yacizi, M. (Turkey)

ICL 19 DIAGNOSIS, TREATMENT AND OUTCOME OF SEPTIC ARTHRITIS 11.00 – 12.00 IN INFANCY AND CHILDHOOD MODERATORS: CASSIANO NEVES, M. (PORTUGAL)

INDUSTRY SYMPOSIUM BURNING SURGICAL ISSUES IN FRACTURE MANAGEMENT – 12.00 – 14.00 OSTEOPOROSIS AND NON-UNION MODERATORS: THE INTL SOCIETY FOR FRACTURE REPAIR

AUDITORIUM 11 - MASACCIO

FREE PAPERS: GENERAL ORTHOPAEDICS 8 **NEW DEVELOPMENTS IN ORTHOPAEDICS 1** **14.00 - 15.00**
MODERATORS: MERLOZ, P. (FRANCE); VALENTI, E. (ITALY)

14.00	F705	Collagen Meniscus Implants (CMI) decrease reoperation rates in chronic patients: A survivorship analysis Rodkey, W. G. / Rodkey, W. G.; Briggs, K. K.
14.10	F706	The incidence of colonisation with MRSA in patients admitted to the trauma ward with a fractured neck of femur Baker, P. / Baker, P.; Nanda, R.; Proctor, P.; Hanusch, B.; Eardley, W.; Hovenden, J.; Mcmurtry, I.
14.20	F707	Changing trends in the surgical treatment of type 33 A and C fractures (AO/OTA classification) Teixeira, F. J. / Teixeira, F. J.; Coutinho, P.; Rodrigues, E.; Tavares, N.; Coelho, F.
14.30	F708	Degenerative arthritis in the elbow in young adults - Is it unicompartamental? Rajeev, A. S. / Rajeev, A. S.; Pullagura, M.; Pooley, J.
14.40	F709	Objective analysis of gait coordination for total knee arthroplasty outcome Jolles, B. M. / Jolles, B. M.; Dejnabadi, H.; Martin, E.; Voracek, C.; Pichonnaz, C.; Leyvraz, P. F.; Aminian, K.
14.50	F710	Optan: A new anatomically adapted stem system for cemented and cementless fixation Schütz, U. / Schütz, U.; Puhl, W.

FREE PAPERS: PAEDIATRICS 6 **HIP 1** **16.00 - 17.30**
MODERATORS: KAELIN, A. (SWITZERLAND); PERETTI, G. (ITALY)

16.00	F711	Prognostic value of Herring's classification of Perthes disease Stefanovska, I. / Stefanovska, I.
16.10	F712	Perthes disease. A comparison between conservative and surgical treatment after an average follow-up period of 25 years Lazzara, D. / Lazzara, D.; Di Muria, G.; Marcucci, M.; Trombetta, A.
16.20	F713	Bony growth and complications in screw-fixed slipped capital femoral epiphysis Ihme, N. / Ihme, N.; Schroeder, S.; Dernbach, S.
16.30	F714	Avascular necrosis in acute and acute-on-chronic slipped capital femoral epiphysis Nisar, A. / Nisar, A.; Salama, A.; Freeman, J.; Davies, A. G.
16.40	F715	Bisphosphonate therapy for traumatic hip osteonecrosis in adolescents Ramachandran, M. / Ramachandran, M.; Fox, M.; Munns, C.; Cowell, C.; Brown, R.; Little, D.
16.50	F716	Avascular necrosis of the femoral head in older children - Is joint distraction by Ilizarov fixator a valid therapy? Lynen, N. / Lynen, N.; Maus, U.; Ihme, N.; Kochs, A.; Niethard, F.
17.00	F717	Triple pelvic osteotomy - Ten years experience Vukasinovic, Z. S. / Vukasinovic, Z. S.
17.10	F718	Bilateral hip reconstruction in severe whole body cerebral palsy - The ten-year follow-up results Barakat, M. J. / Barakat, M. J.; While, T.; Pyman, J.; Monsell, F.; Gargan, M.

AUDITORIUM 12 – DONATELLO

CROSS-FIRE 11 CONTINUOUS PASSIVE MOTION 8.00 – 9.30 MODERATORS: NEWMANN, W. (GERMANY)

Optimizing post-op performance: Pain management and CPM therapy in TKA
Ranawat, C. S. (U.S.A.)

CPM and surgical procedures in shoulder surgery
Dreithaler, B. (Germany)

CPM and arthroscopic procedures mainly for ACL repair
Bös, L. (Germany)

CPM for the elbow joint
Celli, A. (Italy)

CPM and articular cartilage restoration
Steinwachs, M. R. (Germany)

FREE PAPERS : PAIN 1 9.30 – 10.30 MODERATORS: LÖHR, J. (GERMANY); PERUGIA, D. (ITALY)

9.30 F719 Post-operative pain following joint replacement surgery
Lammin, K. A. / Lammin, K. A.; Burgess, E.; McLauchlan, G. J.

9.40 F720 Femoral versus combined femoral and sciatic nerve block in total knee replacement: A prospective comparative study
Hakkalamani, S. / Hakkalamani, S.; Carroll, A. F.; Ford, C.; Parkinson, R. W.

9.50 F721 Post-operative effects of injection of Bupivacaine and Epinephrine after total knee replacement
Matzaroglou, C. / Matzaroglou, C.; Sourgiadaki, E.; Panagiotopoulos, E.; Saridis, A.; Megas, P.; Kouzelis, A.; Filos, K.; Lambiris, E.

10.00 F722 Epidural versus patient-controlled analgesia for lumbar spine surgery
Morar, Y. / Morar, Y.; Maharaj, Y.; Day, S.; Hammer, A.; Agarwal, A.

10.10 F723 Intra-bursal perfusion with bupivacaine and fentanyl as a method of post-operative analgesia following elective shoulder surgery
Rayan, F. / Rayan, F.; Purushothamdas, S.; Arora, J.; Scott, M.

10.20 F724 Use of hyaluronic acid for the treatment of pain in knee arthroscopy
Perez-Caballer, A. / Perez-Caballer, A.; Alcocer, L.; Macule, F.; Vaquero, J.; Villamor, A.

CROSS-FIRE 12 FEMORAL REVISIONS IN DIFFICULT CASES 10.30 – 12.00 MODERATORS: LANGLAIS, F. (FRANCE)

Possibilities and limits of impaction grafting in difficult cases
Gardeniers, J. (Netherlands)

HA-coated stems interlocked by screws. CT evaluation of regeneration
Langlais, F. (France)

Proximal form-fit stems or proximal femur replacement?
Grading, R. (Germany)

Does approach matter for bone regeneration (femoral flap, endo-femoral)
Huten, D. (France)

Total femur replacement: When can it be advocated?
Ascherl, R. (Germany)

MONDAY
14 MAY 2007

AUDITORIUM 12 – DONATELLO

INDUSTRY SYMPOSIUM **TREATMENT OPTIONS FOR HAND AND WRIST FRACTURES** 12.00 – 14.00
MODERATORS: SYNTHES GMBH

CROSS-FIRE 13 **REPLACEMENT: A MAJOR ADVANCE ?** 14.00 – 15.30
MODERATORS: GARCIA CIMBRELO, E. (SPAIN)

Why did surface replacement arthroplasties fail in the early 1980s?
Garcia Cimbrello, E. (Spain)

Surface replacement: A major advance?
McMinn, D. (United Kingdom)

Total hip versus resurfacing in the young population
Sedel, L. (France)

Surface replacement: The hidden risk?
Günther, K. P. (Germany)

CROSS FIRE 14 **HIGH TIBIAL OSTEOTOMY: WHEN AND HOW?** 16.00 – 17.30
MODERATORS: JAKOB, R. (SWITZERLAND)

How to choose the ideal patient. Planning the osteotomy. Biological principles
Jakob, R. (Switzerland)

Technique of osteotomy and comparison of different methods of fixation
Lobenhofer, P. (Germany)

Results of osteotomies and prosthetic alternatives
Hernigou, P. (France)

Interactive discussion: How to deal with special problems?

AUDITORIUM 13 – ANGELICO

FREE PAPERS: **ANKLE INSTABILITY AND OSTEOCHONDRAL LESIONS 1** 8.00 – 9.00
FOOT MODERATORS: NELISSEN, R. (NETHERLANDS); VOLPE, A. (ITALY)

8.00 F725 Chronic lateral ankle instability: Comparison of stress views and MRI with arthroscopy
Kumar, V. / Kumar, V.; Panagopoulos, A.; Triantafyllopoulos, I.; Van Niekerk, L.

8.10 F726 Mid-term results of an original procedure of ligamentoplasty for chronic lateral instability of the ankle
Marchaland, J. P. / Marchaland, J. P.; Matthieu, L.; Nader, Y.; Bures, C.; N'Guyen, L.; Versier, G.

8.20 F727 Dynamic extensor digitorum brevis muscle transfer for treatment of chronic lateral ankle instability
Jain, S. A. / Jain, S. A.; Kakwani, R. K.; Pimpalnerkar, A. L.

8.30 F728 Clinical outcome after the anatomical reconstruction of the lateral ankle ligaments as described by
Duquenois in chronic lateral ankle instability: A long-term follow-up study
Muijs, S. P. J. / Muijs, S. P. J.; Dijkstra, S. P.; Bos, C. F.

8.40 F729 Treatment of talus osteochondral lesions with microfracture and post-operative intraarticular Hyaluronan
injection; Early functional results
Bilge, O. / Bilge, O.; Doral, M. N.; Atay, A. O.; Uzumcugil, A.; Tetik, O.; Leblebicioglu, G.

8.50 F730 Treatment of osteochondral defects of the ankle joint through autologous osteochondral transplantation
or autologous chondrocyte transplantation. Comparative results
Koulalis, D. / Koulalis, D.; Schultz, W.; Mastrokalos, D.; Zachos, K.; Karaliotis, G.; Menelaou, M.;
Liberis, I.

AUDITORIUM 13 – ANGELICO

SYMPOSIUM 55 ACUTE AND CHRONIC COMPARTMENT SYNDROMES 9.00 – 10.30 MODERATORS: STYF, J. (SWEDEN)

Pathogenesis and pathophysiology
Styf, J. (Sweden)

Diagnosis of acute compartment syndrome
Willy, C. (Germany)

Treatment of acute compartment syndrome
Wiger, P. (Sweden)

Diagnosis of chronic compartment syndrome
Brand, J. (Netherlands)

Treatment of chronic compartment syndrome
Styf, J. (Sweden)

ICL 20 PERCUTANEOUS AND MINI-INVASIVE SURGERY OF THE FOREFOOT 11.00 – 12.00 MODERATORS:

INDUSTRY SYMPOSIUM NAVIGATED METHA MODULAR SHORT STEM PROSTHESIS 12.00 – 14.00 MODERATORS: AESCULAP

SYMPOSIUM 56 PROSTHETICS FOR LOWER LIMB AMPUTEES: FROM DAILY LIFE TO PARALYMPICS 14.00 – 15.30 MODERATORS: STENSTRÖM, A. (SWEDEN)

Amputations today and tomorrow: Indication, operation, rehabilitation
Stenström, A. (Sweden)

An overview of general prosthetics for the lower limb amputee
Söderberg, B. (Sweden)

Bone-anchored amputation prosthesis
Hagberg, K. (Sweden)

Vacuum-rigid dressing and rehabilitation after transtibial amputation
Johannesson, A. (Sweden)

Rehabilitation after lower limb amputation: An ongoing process
Hagberg, K. (Sweden)

MONDAY
14 MAY 2007

AUDITORIUM 13 – ANGELICO

FREE PAPERS: HALLUX VALGUS AND RIGIDUS 1 16.00 – 17.30
FOOT AND ANKLE 4
MODERATORS: DE PRADO, M. (SPAIN); MILANO, L. (ITALY)

16.00	F731	Long-term results of SCARF osteotomy for the correction of hallux valgus deformity Bock, P. / Bock, P.; Lanz, U.; Engel, A.
16.10	F732	Is an internal fixation necessary in a scarf osteotomy in bunion surgery. Comparative study of about 208 cases Rochwerger, A. / Rochwerger, A.; Gonzalez, J. F.; Demortière, E.; Louzan, D.; Ould-Ali, D.; Rosca, V.; Curvale, G.
16.20	F733	Mid-term results of proximal osteotomy of the first metatarsal bone with distal soft tissue release in the treatment of hallux valgus deformity Matewski, D. / Matewski, D.; Szymkowiak, E.; Puchala, J.; Kruczynski, J.
16.30	F734	Minimally invasive distal metatarsal osteotomy for surgical treatment of hallux valgus: Clinical study of the first 1,000 consecutive cases at mean 5 years of follow-up Giannini, S. / Giannini, S.; Faldini, C.; Vannini, F.; Biagini, C.; Bevoni, R.; Romagnoli, M.
16.40	F735	Percutaneous distal metatarsal osteotomy for correction of hallux valgus Magnan, B. / Magnan, B.; Samaila, E.; Bartolozzi, P.
16.50	F736	A new surgical procedure in iatrogenic hallux varus: Reverse transfer of abductor hallucis tendon Devos Bevernage, B. / Devos Bevernage, B.; Maldaque, P.; Leemrijse, T.
17.00	F737	Hallux rigidus treated with sliding osteotomy. Clinical study Caprio, A. / Caprio, A.; Teori, G.; Piccinato, A.; Oliva, F.; Treia, F.
17.10	F738	Joint-preserving technique in hallux rigidus. A seven-year follow-up Rochwerger, A. / Rochwerger, A.; Farhat, I.; Azam, F.; Blondel, B.; Curvale, G.
17.20	F739	A reabsorbable spacer for the first metatarso-phalangeal joint in the surgical treatment of hallux rigidus Magnan, B. / Magnan, B.; Samaila, E.; Bartolozzi, P.

AUDITORIUM 14 – VASARI

EFOST 8.00 – 10.00
MODERATORS:

ESPA 14.00 – 18.00
MODERATORS:

TUESDAY 15 MAY 2007

	Room 1 MICHELANGELO Hip	Room 2 LEONARDO Spine	Room 3 BRUNELLESCHI Knee	Room 4 CIMABUE Gen. Orthop	Room 5 GIOTTO Trauma	Room 6 BOTTICELLI Upper Limb	Room 7 RAFFAELLO Sport, Foot, Arm	Room 8 PETRARCA Upper Limb	Room 9 DANTE Gen Orthop	Room 10 ARNOLFO Tumour/Infec	Room 11 MASACCO Paediatrics
08.00-09.00	ICL 21 Impaction Bone Grafting in Revision THR	FP Spine 7 5-2-08.00 Spine Fractures and Fusion 1 (6)	ICL 22 Hinge and Rotating Hinge Knee Prosthesis in Primary and Revision TKR	FP General Orthopaedics 6 5-4-08.00 Miscellaneous 1 (6)	FP Hand 5 5-5-08.00 Miscellaneous 2 (6)	FP Shoulder and Arm 6 5-6-08.00 Shoulder Girdle Lesions 1 (6)	FP Foot and Ankle 5 5-7-08.00 Ankle Arthropas- thy and Plantar Fasciitis 1 (6)	FP Hip 24 5-8-08.00 Hip Fractures: Patient Care 1 (15)	FP Hip 22 5-9-08.00 THR Stem Revision with Graft 1 (9)	FP Infection 4 5-10-08.00 Septic TJA 1 (6)	FP Trauma Upper Limb 4 5-11-08.00 Distal Radial Fractures 2 (9)
09.00-09.30	FP Hip 21 5-1-09.00 Technical Aspects DDH and Design 1 (9)	Symposium 58 Conservative Treatment of Scoliosis in the Adolescent	FP Knee 16 5-3-09.00 MIS, Where, Meniscus. 1 (9)	Symposium 60 Management of Non-Union of Shaft Fractures	FP Trauma Lower Limb 7 5-5-09.00 Miscellaneous 1 (9)	Symposium 61 Calcifications of the Shoulder	FP Foot and Ankle 6 5-7-09.00 Miscellaneous 1 (6)		FP General Orthopaedics 11 5-9-09.30 Non-Operative Management 1 (6)	FP Infection 5 5-10-09.00 Septic TJA 2 (9)	FP Trauma Upper Limb 5 5-11-09.30 Hand and Carpal Fractures 1 (6)
09.30-10.00											
10.00-10.30											
10.30-11.00	Break										
11.00-12.30	Symposium 57 Surgical Treatment of Avascular Necrosis of the Hip	FP Spine 8 5-2-11.00 Mini Invasive Surgery: Prosthesis Instrumentation 1 (9)	Symposium 59 PCL Reconstruction	FP General Orthopaedics 10 5-4-14.00 Bone Research 1 (9)	FP Osteoarthritis 1 5-12-11.00 Osteoarthritis (Non-Surgical Management) 1 (6)	FP Shoulder and Arm 7 5-6-11.00 Biomechanics for Diagnosis 1 (9)	FP Foot and Ankle 7 5-7-11.00 Miscellaneous 2 (9)	FP Hip 25 5-8-11.00 Hip Fractures Intra capsular 1 (6)	FP Hip 23 5-9-11.00 THR Stem Revision 1 (9)	Symposium 62 Local Adjuvant Techniques for Primary Bone Tumours	FP Trauma Upper Limb 6 5-11-11.00 Elbow and Humeral Shaft 1 (9)

AUDITORIUM 1 - MICHELANGELO

ICL 21 **IMPACTION BONE GRAFTING IN REVISION THR** **8.00 - 9.00**
MODERATORS: TIMPERLEY (UNITED KINGDOM)

FREE PAPERS: **TECHNICAL ASPECTS DDH AND DESIGN 1** **9.00 -10.30**
HIP 21 **MODERATORS: LEARMONTH, I. (UNITED KINGDOM); PIPINO, F. (ITALY)**

9.00	F740	Minimally invasive vs. transgluteal approach in total hip arthroplasty - A comparative gait analysis Pospischill, M. / Pospischill, M.; Kranzl, A.; Knahr, K.
9.10	F741	Sagittal femoral component alignment in total hip arthroplasty: A prospective study comparing posterior and anterolateral approaches Bhagat, S. / Bhagat, S.; Phadnis, A.; Mann, C.
9.20	F742	Long-terms results of subtrochanteric derotational shortening osteotomy (SDTSO) for the treatment of Crowe 4 DDH with cemented Exeter femoral component Charity, J. / Charity, J.; Tsiridis, E.; Hubble, M.; Gie, G.; Howell, J.; Timperley, J.
9.30	F743	Mid-term results of femoral shortening osteotomy without osteosynthesis for the treatment of patients with high hip dislocation Perka, C. / Perka, C.
9.40	F744	Effect on Bone Mineral Density (BMD) of progressive shortening of the femoral stem in a short-stemmed prosthesis evaluated by DXA Albanese, C. V. / Albanese, C. V.; Lucidi, M.; Rendine, M.; Santori, N.; Pavan, L.; Passariello, R.; Santori, F. S.
9.50	F745	Effect of increasing head diameter on the range of motion and stability in total hip arthroplasty Budithi, S. C. / Budithi, S. C.; Pollock, R.; Nargol, A. V. F.
10.00	F746	Link C.F.P. hip prosthesis - History and philosophy of neck preserving Pipino, F. / Pipino, F.
10.10	F747	Comparative radiological analysis of migration in 4 different stem designs (CLS®, MS-30®, Elite® and Osteal®) using the EBRA-FCA® software and the Imagika® method after THA Georis, P. / Georis, P.; Thirion, T.; Peters, S.; Lemaire, R.; Gillet, P.
10.20	F748	Predictors of femoral neck fracture following hip resurfacing: A cadaveric study Davis, E. T / Davis, E. T.; Webber, C.; Olsen, M.; Zdero, R.; Waddell, J.; Schemitsch, E

SYMPOSIUM 57 **SURGICAL TREATMENT OF AVASCULAR NECROSIS OF THE HIP** **11.00 - 12.30**
MODERATORS: SANTORI, L. (ITALY)

Core decompression: Indications and results
Grifka, J. (Germany)

The role of osteotomy
Ganz, R. (Switzerland)

The place of conservative femoral prostheses
Learmonth, I. D. (United Kingdom)

Replacement for AVN of the femoral head: The role of conventional stems
Santori, L. (Italy)

AUDITORIUM 2 – LEONARDO

FREE PAPERS: SPINE 7 SPINE FRACTURES AND FUSION 1 8.00 – 9.00 MODERATORS: BAGO, J. (SPAIN); PARISINI, P. (ITALY)

8.00	F749	Suicidal jumper's fracture of the lumbo-sacral spine - Recommendations for operative stabilisation Piltz, S. / Piltz, S.; Pieske, O.; Karin, H.
8.10	F750	Occipital neuralgia after posterior screw placement in the C1 lateral mass Kennelly, R. / Kennelly, R.; Conroy, E. J.; Laing, A.; Poynton, A. R.
8.20	F751	Does the fracture age of vertebral bodies influence the clinical outcome of kyphoplasty? A prospective study Trieb, K. / Trieb, K.; Pohl, L.; Nittinger, M.
8.30	F752	Using only anatomical landmarks for the placement of upper thoracic pedicle screws Kosmopoulos, V. / Kosmopoulos, V.; Theumann, N.; Schizas, C.
8.40	F753	Anterior lumbar interbody fusion (ALIF) vs. instrumented posterolateral fusion (PLF): Are there advantages for one of the two methods regarding complications and rehabilitation? Melloh, M. / Melloh, M.; Staub, L.; Roeder, C.; Sommer, S.; Rieger, P.; Barz, T.
8.50	F754	Effectiveness of skeletal stem cells in experimental spinal fusion Cinotti, G. / Cinotti, G.; Giannicola, G.; Ferrari, E.; Postacchini, F.; Sacchetti, B.; Corsi, A.; Riminucci, M.; Bianco, P.

SYMPOSIUM 58 CONSERVATIVE TREATMENT OF SCOLIOSIS IN THE ADOLESCENT 9.00 – 10.30 MODERATORS: KAE LIN, A. (SWITZERLAND)

Place of bracing in the treatment of idiopathic scoliosis Kaelin, A. (Switzerland)
The importance of growth in the conservative treatment of idiopathic scoliosis Dimeglio, A. (France)
Biomechanics of brace treatment Negrini, S. (Italy)
Brace treatments: Compliance and assessment of results Schlenzka, D. (Finland)
Brace treatments: Very long-term results Danielson, A. (Sweden)

AUDITORIUM 2 - LEONARDO

FREE PAPERS: SPINE 8 **MINI-INVASIVE SURGERY: PROSTHESIS INSTRUMENTATION 1** 11.00 - 12.30
MODERATORS: MAZEL, C. (FRANCE); MENCHETTI, P.P.M. (ITALY)

11.00	F755	A novel injectable cellular polymer for the treatment of spinal disc degeneration Anand, A. / Anand, A.; Anand, B.; Wiseman, M.; Goodship, A.; Akmal, M.
11.10	F756	Percutaneous laser disc decompression. A prospective study under C-arm vs. CT-scan guidance Menchetti, P. M. / Menchetti, P. M.; Bini, W.; Canero, G.; Mazza, E.
11.20	F757	In-vitro flexibility in the lumbar spine before and after total disc arthroplasty Grupp, T. M. / Grupp, T. M.; Yue, J. J.; Garcia, R.; Cocchi, P.; Schilling, C.; Cristofolini, L.; Blömer, W.
11.30	F758	Polyethylene wear of Charité artificial discs. Macroscopic and microscopic wear and inflammatory reaction in peri-prosthetic tissue of 23 retrievals in 19 patients Van Ooij, A. / Van Ooij, A.; Kurtz, S.; Van Rhijn, L.; De Bruin, T.
11.40	F759	Release of cobalt and chromium ions into the serum following implantation of the metal-on-metal Maverick™ type artificial lumbar disc (Medtronic Sofamor Danek) Zeh, A. / Zeh, A.; Planert, M.; Lattke, P.; Siegert, G.; Davis, J.; Held, A.; Hein, W.
11.50	F760	Intraoperative electromyographic monitoring for predicting the accuracy of pedicle screw placement Pneumaticos, S. G. / Pneumaticos, S. G.; Savvidou, C.; Pilichou, A.; Psichas, B.
12.00	F761	Report about the first European cases with robotic- assisted pedicle screw placement in the spine (Mazor System) Pfeiffer, M. / Pfeiffer, M.; Hassel, F.; Braeutigam, H.; Schorer, U.
12.10	F762	Effect of sagittal spinal alignment on low back pain following decompression and stabilization with dynamic, semi-rigid and rigid instrumentation. A multi-factorial analysis Repantis, T. / Repantis, T.; Korovessis, P.; Papazisis, Z.

AUDITORIUM 3 - BRUNELLESCHI

ICL 22 **HINGE AND ROTATING HINGE KNEE PROSTHESIS IN PRIMARY AND REVISION TKR** **8.00 - 9.00**
MODERATORS: SPARMANN (GERMANY)

FREE PAPERS: **MIS. WHERE. MENISCUS.** **19.00 -10.30**
KNEE 16 **MODERATORS: SPALDING, T. (UNITED KINGDOM); HOFMAN**

9.00	F763	Does skin incision length matter in minimally invasive total knee arthroplasty? Thienpont, E. / Thienpont, E.
9.10	F764	Less invasive total knee arthroplasty - Evaluation of the learning curve effect on short-term results Flören, M. / Flören, M.; Davis, J.; Laskin, R.
9.20	F765	MIS total knee arthroplasty. Early results of a prospective randomized study Karachalios, T. / Karachalios, T.; Giotikas, D.; Moraitis, T.; Karidakis, G.; Roides, N.; Malizos, K. N.
9.30	F766	Long-term quadriceps strength retention after an MIS-TKA with a mini midvastus approach Schoifet, S. D. / Schoifet, S. D.; Depaulis, T.; Lehmann, K.
9.40	F767	Clinical significance of backside polyethylene wear of a modular ingrowth baseplate in TKA. 5-10yr follow-up Plaster, R. L. / Plaster, R. L.
9.50	F768	Relationship between in vivo bearing mobility conservation and PE wear in a postero-stabilised rotating platform total knee prosthesis: Retrospective study of 120 LCS-RP® at minimum 10-year follow-up Georis, P. / Georis, P.; Huskin, J. P.; Gillet, P.
10.00	F769	Backside wear from polished tibial tray produces higher ratio of submicron particles Billi, F. / Billi, F.; Aust, S.; Ebramzadeh, E.
10.10	F770	Induction of endostatin expression in meniscal fibrochondrocyte by co-culture with endothelial cells Rudert, M. / Rudert, M.; Aicher, W. K.; Hoberg, M.
10.20	F771	Attachment of meniscal fibrochondrocytes to a collagen type I scaffold induces MMP and IL-6 expression Hoberg, M. / Hoberg, M.; Aicher, W. K.; Rudert, M.

SYMPOSIUM 59 **PCL RECONSTRUCTION** **11.00 - 12.30**
MODERATORS: DOWD, G. S. E. (UNITED KINGDOM)

Introduction Dowd, G. S. E. (United Kingdom)
Biomechanics and anatomy Williams, A. (United Kingdom)
History and examination Margheretini, E. (Italy)
Radiological investigations of PCL and posterolateral corner injuries Mitchell, A. (United Kingdom)
Surgical treatment of PCL injuries Mariani, P. (Italy)

AUDITORIUM 4 - CIMABUE

FREE PAPERS: MISCELLANEOUS 1 8.00 - 9.00
GENERAL MODERATORS: MINEIRO, J. (PORTUGAL); CONTEDEUCA, F. (ITALY)
ORTHOPAEDICS 9

8.00	F772	Differences in x-ray measurements of the anterior pelvic plane in standing and supine position Mainard, D. / Mainard, D.; Galois, L.; Valentin, S.; Gasnier, J.; Egrot, C.; Diligent, J.
8.10	F773	Interdisciplinary intervention strategy for chronic MSDs Norberg, M. / Norberg, M.; Danuser, B.; Klipstein, A.; Läubli, T.; Jeanrenaud, C.
8.20	F774	Complication reporting system: Set-up of a computerized register Jolles, B. M. / Jolles, B. M.; Nicolas, F.
8.30	F775	Construct validation of simple patient questionnaire to assess symptoms and disabilities in routine Huber, J. F. / Huber, J. F.; Schoenenberger, P.; Huesler, J.; Ruffin, G.; Zumstein, M.
8.40	F776	Change in the age distribution of patients undergoing primary hip and knee replacements over 13 years - An increase in the number of younger men having hip surgery Chidambaram, R. / Chidambaram, R.; Cobb, A. G.
8.50	F777	Image intensifier radiation doses in orthopaedic surgery: Patients undergoing spinal surgery receive the most exposure Sundaram, R. O. / Sundaram, R. O.; Lipscombe, S.; Subramanian, S.; Chandran, P.; O'Malley, M.; Shackleford, I.

SYMPOSIUM 60 MANAGEMENT OF NON-UNION OF SHAFT FRACTURES 9.00 - 10.30
MODERATORS: MORA, R. (ITALY)

		Management of non-infected non-unions: The role of external fixation Mora, R. (Italy)
		The role of internal fixation and growth factors Cherubino, P. (Italy)
		Management of infected non-unions of the long bones Lortat Kacob, L. (France)
		Management of non-unions with bone loss Kocaoglu, M. (Turkey)

AUDITORIUM 4 - CIMABUE

FREE PAPERS: GENERAL ORTHOPAEDICS 10

BONE RESEARCH 1

MODERATORS: KIENAPFEL, H. (GERMANY); TRANQUILLI LEALI, P. (ITALY)

11.00 - 12.30

11.00	F778	Stiffness measurements as a more suitable tool to predict the load-bearing capacity compared to DEXA Floerkemeier, T. / Floerkemeier, T.; Wellmann, M.; Hurschler, C.; Thorey, F.; Vogt, U.; Windhagen, H.
11.10	F779	A new method for evaluation of fracture healing by Echo tracking Matsuyama, J. / Matsuyama, J.; Ohnishi, I.; Sakai, R.; Miyasaka, K.; Harada, A.; Bessho, M.; Ohashi, S.; Matsumoto, T.; Nakamura, K.
11.20	F780	Guided bone regeneration using the osteogenic potential of arterial wall cells Suarez-Suarez, M. / Suarez-Suarez, M.; Ferrero-Manzanal, F.; Salas-Bustamante, A.; Alvarez-Rico, M.; DeCos-Juez, J.; Garcia-Gonzalez, P.; Meana-Infiesta, A.; Acebal-Cortina, G.; Murcia-Mazon, A.
11.30	F781	Possible side effects of high energy extracorporeal shock waves on intact bone in a rabbit model Tischer, T. / Tischer, T.; Vogt, S.; Milz, S.; Maier, M.
11.40	F782	Study on the effectiveness of a novel type of implant/bone construct Bekler, H. I. / Bekler, H. I.; Okyar, F.; Bulut, G.; Gokce, A.; Beyzadeoglu, T.
11.50	F783	rhBMP2 and pamidronate in experimental allografted gap implants - Catastrophic results Baas, J. / Baas, J.; Elmengaard, B.; Jensen, T.; Jakobsen, T.; Andersen, N. T.; Soballe, K.
12.00	F784	Reduced bone mineral density is significantly associated with reduced hip joint space width in women. Results from the Copenhagen Osteoarthritis Study Jacobsen, S. / Jacobsen, S.; Jensen, T.; Bach-Mortensen, P.; Sonne-Holm, S.; Hyldstrup, L.
12.10	F785	COX-2 inhibitors reduce bone mineral density at the tunnel entrance on tendon healing in a bone tunnel Dynybil, C. / Dynybil, C.; Schmidt, C.; Backstroem, M.; Schlichting, K.; Duda, G.; Perka, C.

AUDITORIUM 5 – GIOTTO

FREE PAPERS: MISCELLANEOUS 2 8.00 – 9.00
HAND 5 MODERATORS: KONSTANTINOS, M. (GREECE); PETROLATI, M. (ITALY)

8.00	F786	Virtual outreach: A pilot in the evaluation of reliability of telemedicine in obtaining remote consent for hand injuries in a tertiary level plastic surgery unit using Asclepius Hospital Management Software (AHMS) over a video conference link Jandhyala, R. / Jandhyala, R.; Bhagat, S.; Greenbaum, A.
8.10	F787	A new technique for the thumb carpo-metacarpal joint arthroplasty: Flexor carpi radialis sparing human allograft Giannoulis, F. S. / Giannoulis, F. S.; Darlis, N. A.; Weiser, R.; Sotereanos, D. G.
8.20	F788	Ligament reconstruction and tendon interposition arthroplasty using flexor carpi radialis for first carpo-metacarpal joint arthritis: Results of a single surgeon series of 65 patients with a minimum 3-year follow-up Bhagat, S. / Bhagat, S.; Bansal, M.; Ranjan, R.; Shah, B.
8.30	F789	The relationship between 4-corner wrist arthrodesis and heavy-labour workers Delgado, P. J. / Delgado, P. J.; Garcia-Lopez, A.; De Felipe, J.; Fuentes, A.; Lopez-Oliva, F.
8.40	F790	Antegrade intramedullary wiring of displaced fifth metacarpal neck fracture in the skeletally immature: A prospective review Raghuvanshi, M. / Raghuvanshi, M.; Donamardi Gorva, A.; Rowland, D.; Madan, S.; Fernandes, J.; Jones, S.
8.50	F791	Angulated metaphyseal fractures of the proximal phalanges treatment with intramedullary K-wires Gudena, R. / Gudena, R.; Kempshall, P.; Shewring, D.

FREE PAPERS: MISCELLANEOUS 1 9.00 – 10.30
TRAUMA MODERATORS: BÉGUÉ, T. (FRANCE); MAIOTTI, M. (ITALY)
LOWER LIMB 7

9.00	F792	BMP-2 is a cost-effective therapy in grade III open tibia fractures - A health-economic assessment of the use BMP-2 in open tibia fractures for European healthcare systems Alt, V. / Alt, V.; Donell, S. T.; Chhabra, A.; Eicher, A.; Schnettler, R.
9.10	F793	In vivo imaging of locally transplanted autologous mesenchymal stem cells after severe skeletal muscle trauma Winkler, T. / Winkler, T.; Von Roth, P.; Schumann, M. R.; Sieland, K.; Taupitz, M.; Perka, C.; Duda, G. N.; Matziolis, G.
9.20	F794	Biomechanical comparison of callus in various segmental bone defects over a locked intramedullary nail: an experimental study in sheep Panagopoulos, A. / Panagopoulos, A.; Tyllianakis, M.; Deligianni, D.; Pappas, M.; Sourgiadaki, E.; Mavrilas, D.; Papadopoulos, A.; Lambiris, E.
9.30	F795	Is acute compartment syndrome avoidable? Hoekman, P. / Hoekman, P.; Diallo, S.; Souna, B. S.; Casteleyn, P.
9.40	F796	Compartment pressure monitoring: A useful adjunct in tibial fractures Glynn, A. / Glynn, A.; Whitehead, R.; Murphy, D.; McHugh, G.; Keogh, P.; Kenny, P.; O'Flanagan, S.
9.50	F797	Use of the reverse flow island sural flap in the coverage defect involving the distal third of the leg, ankle and heel Rios-Luna, A. / Rios-Luna, A.; Villanueva-Martinez, M.; Fahandezh-Saddi, H.; Pereiro-del Amo, J.; Berenguel-Martinez, P.; Villanueva-López, F.; Del Cerro-Gutierrez, M.; Quero, J.; Jimenez-Garcia, R.
10.00	F798	Post-traumatic free flap reconstruction on extensive tissue loss in lower extremity Tos, P. / Tos, P.; Conforti, L. G.; Battiston, B.
10.10	F799	The influence of a one-step reamer-irrigator-aspirator technique on the intramedullary pressure in the pig femur Husebye, E. / Husebye, E.; Lyberg, T.; Madsen, J.; Eriksen, M.; Røise, O.
10.20	F800	Regeneration of muscular function and microstructure over time after severe skeletal muscle trauma Winkler, T. / Winkler, T.; Matziolis, G.; Schumann, M.; Stoltenburg-Didinger, G.; Duda, G. N.; Perka, C.

AUDITORIUM 5 - GIOTTO

FREE PAPERS: OSTEOARTHRITIS (NON-SURGICAL MANAGEMENT) 1 11.00 - 12.00 OSTEOARTHRITIS 1 MODERATORS: NELISSEN, R. (NETHERLANDS); ROSA, M. A. (ITALY)

11.00	F801	In vivo interactions of platelets and leukocytes with the endothelium in antigen-induced arthritis of mice. Role of P-Selectin Schmitt-Sody, M. / Schmitt-Sody, M.; Metz, P.; Gottschalk, O.; Klose, A.; Jansson, V.
11.10	F802	Treatment of knee osteoarthritis with autologous conditioned serum (ACS): A prospective, randomized, placebo-controlled, patient and observer-blind, parallel-design trial. Therapeutic study, level I (randomized controlled trial-RCT, ISRCTN: 71311752) Moser, C. / Moser, C.; Baltzer, A. W.
11.20	F803	Long-lasting effects of an intra-articularly administered Bradykinin receptor inhibitor in patients with knee osteoarthritis Flechtenmacher, J. / Flechtenmacher, J.; Wagenitz, A.; Heil, K.; Lehnhardt, K.; Seiler, K. U.; Schoenharting, M. M.
11.30	F804	Autologous osteochondral grafts in the treatment of focal chondral defects of the femoral head. An experimental study in rabbits Koulalis, D. / Koulalis, D.; Efstathopoulos, N.; Papapaskeva, K.; Pyrovolou, N.; Lenti, A.; Konstantinou, V.; Papachristou, G.
11.40	F805	Severe osteoarthritis of the knee: A randomised controlled trial comparing standardised western acupuncture, supervised exercise therapy and standard management for patients awaiting knee arthroplasty Melton, J. T. K. / Melton, J. T. K.; Wyatt, M. R.; Yein, K.; Williamson, L.
11.50	F806	The role of acetabulum geometry and femoral head-neck ratio in the development of osteoarthritis in young men Halle, B. / Halle, B.; Halle, D. M.; Overgaard, S.; Torfing, T.

TUESDAY
15 MAY 2007

AUDITORIUM 6 - BOTTICELLI

FREE PAPERS: SHOULDER GIRDLE LESIONS 1 8.00 - 9.00
SHOULDER AND ARM 6 MODERATORS: WILLEMS, W. J. (NETHERLANDS); ANGELONI, R. (ITALY)

8.00	F807	The outcome of open excision of the acromio-clavicular joint in isolated acromio-clavicular joint osteoarthritis Ayana, G. / Ayana, G.; St Mart, J.; Tait, G.
8.10	F808	Complications after open distal clavicle excisions Chronopoulos, E. / Chronopoulos, E.; Park, H. B.; Tasaki, A.; Gill, H.; McFarland, E. G.
8.20	F809	Vertical fragment in clavicle fractures - An indicator for the need of surgical intervention Kirmani, S. J. / Kirmani, S. J.; Pillai, S.; Madegowda, R. B.; Shahane, S.
8.30	F810	Cadaveric and TC 3D reconstruction study of the morphology of the scapula and its application to reversed prostheses implantation Torrens, C. / Torrens, C.; Corrales, M.; Gonzalez, G.; Torres, A.; Caceres, E.
8.40	F811	The two-portal approach for internal fixation of scapular fractures - Outcome in 37 patients Wirbel, R. / Wirbel, R.; Tosounidis, G.; Bachelier, F.; Braun, C.; Pohlemann, T.
8.50	F812	Breast reconstruction surgery using latissimus dorsi flap, does it affect the shoulder function? Haidar, S. G. / Haidar, S. G.; Joshy, S.; Kat, C.; Fatah, F.; Deshmukh, S.

SYMPOSIUM 61 **CALCIFICATIONS OF THE SHOULDER** 9.00 - 10.30
MODERATORS: HABERMEYER, P. (SWITZERLAND)

Pathomorphology Magosch, P. (Switzerland)
Shock wave therapy Germesmeier, L. (Germany)
Surgical treatment Kempf, F. (France)

AUDITORIUM 6 – BOTTICELLI

FREE PAPERS: SHOULDER AND ARM 7

BIOMECHANICS FOR DIAGNOSIS 1 MODERATORS: GOELKE, F.; RUSSO, R. (ITALY)

11.00 – 12.30

11.00	F813	Radiographic measurements of the acromio-humeral interval on standardized antero-posterior radiographs are not accurate; A prospective study of observer variability Gruber, G. / Gruber, G.; Bernhardt, G. A.; Clar, H.; Wurnig, C.
11.10	F814	Partial biceps tear - Diagnostic accuracy of various physical tests Chronopoulos, E. / Chronopoulos, E.; Park, H. B.; Gill, H.; Tasaki, A.; McFarland, E. G.
11.20	F815	Standard shoulder CT scans do not provide adequate measurement of glenoid version Kohl, S. / Kohl, S.; Krueger, A.; Gralla, J.; Hertel, R.
11.30	F816	Shoulder pathology: Estimating dominant upper-limb activity using 3D kinematic sensors Jolles, B. M. / Jolles, B. M.; Aminian, K.; Bourgeois, A.; Coley, B.; Claude, P.; Bassin, J. P.; Leyvraz, P. F.; Farron, A.
11.40	F817	Consequences of humeral head flattening due to osteoarthritis Farron, A. / Farron, A.; Reist, A.; Terrier, A.
11.50	F818	How should the subscapularis be repaired following open anterior approach to the shoulder? A biomechanical analysis Lam, F. / Lam, F.; Mostofi, B.; Bhatia, D.; Van Rooyen, K.; Vaughan, C.; De Beer, J.
12.00	F819	Shoulder abduction strength: Is it affected by the degree of abduction? Modification of the Nottingham Mecmesin Myometer clamp Haidar, S. G. / Haidar, S. G.; Lloyd, J.; Cox, D.; Deshmukh, S.
12.10	F820	The "Vincula" of the biceps tendon: An anatomical and biomechanical study of the biceps sheath Bell, D. J. / Bell, D. J.; Gothelf, T.; Goldberg, J.; Harper, W.; Pelletier, M.; Yu, Y.; Walsh, W. R.
12.20	F821	Maximum, average or a single measurement of shoulder abduction strength: What is the most reliable method? Haidar, S. G. / Haidar, S. G.; Fayad, T.; Shobaki, S.; Shergill, G.; Parekh, S.

AUDITORIUM 7 - RAFFAELLO

FREE PAPERS: ANKLE ARTHROPATHY AND PLANTAR FASCITIS 1 8.00 - 9.00
FOOT MODERATORS: SUGER, G. (GERMANY); GIACOMO, P. (ITALY)
AND ANKLE 5

8.00	F822	Influence of the ankle arthropathies on the 3D kinematics of the lower limbs during gait: analysis with an ambulatory system Crevoisier, . / Crevoisier, .; XAminian, K.; Favre, J.; Rouhani, H.; Jolles, B. M.
8.10	F823	Prospective study of the safety and efficacy of hylan G-F 20 (Synvisc®) in patients with symptomatic ankle osteoarthritis Witteveen, A. / Witteveen, A.; Giannini, S.; Guido, G.; Jerosch, J.; Lohrer, H.; Van Dijk, C. N.
8.20	F824	The effect of alendronate in acute Charcot neuroarthropathy of the foot could be mediated by the decrease of IGF-1 Galli, M. / Galli, M.; Pitocco, D.; Ruotolo, V.; Mancini, L.; Collina, M. C.; Chinni, C.; Visci, F.; Caputo, S.; Ghirlanda, G.
8.30	F825	High rate of Charcot foot attacks early after simultaneous pancreas/kidney transplantation Matricali, G. A. / Matricali, G. A.; Bammens, B.; Kuypers, D.; Flour, M.; Mathieu, C.
8.40	F826	A prospective, double-blind, randomized trial assessing the effectiveness of a new electromagnetic shock wave device for the treatment of chronic plantar fasciitis Gollwitzer, H. / Gollwitzer, H.; Diehl, P.; Von Korff, A.; Schauwecker, J.; Gerdesmeyer, L.
8.50	F827	Treatment of chronic plantar fasciitis with autologous platelet concentrate Corotti Sasareanu, A. V. / Corotti Sasareanu, A. V.; Vaquero Ruiperez, J. J.; Beltran Bengoechea, J. J.; Miranda de Larra, C. C.

FREE PAPERS : MISCELLANEOUS 1 9.00 - 10.00
FOOT MODERATORS: DE LAVIGNE (FRANCE); BARDELLI, M. (ITALY)
AND ANKLE 6

9.00	F828	Surgical treatment of hallux valgus: A clinical prospective randomized study comparing linear distal metatarsal osteotomy with scarf osteotomy Giannini, S. / Giannini, S.; Faldini, C.; Vannini, F.; Bevoni, R.; Biagini, C.
9.10	F829	Outcome of Moje's hallux arthroplasty (functional and radiological outcome) Kasis, A. G. / Kasis, A. G.; Krishnan, M.; Griess, M. E.
9.20	F830	Iatrogenic hallux varus : Techniques and indications. A report of 65 cases Tourné, Y. / Tourné, Y.
9.30	F831	Results of a new conservative and functional treatment for the recently ruptured Achilles tendon Neumayer, F. / Neumayer, F.; Arlettaz, Y.; Crevoisier, .; XMouhsine, E.
9.40	F832	Surgical options in the management of ingrowing toe nails in the paediatric age group Iqbal, S. / Iqbal, S.; Kaleel, S.; Arbuthnot, J.; Lamont, G.
9.50	F833	The efficacy of acetaminophen in the treatment of ankle sprains: Comparison with diclofenac sodium Kayali, C. / Kayali, C.; Agus, H.; Surer, L.

AUDITORIUM 7 - RAFFAELLO

FREE PAPERS: FOOT AND ANKLE 7

MISCELLANEOUS 2

11.00 - 12.30

MODERATORS: FUHRMANN, R. (GERMANY); MALERBA, F. (ITALY)

11.00	F834	Radiation exposure to a dedicated foot and ankle surgeon - A prospective analysis Dega, R. / Dega, R.; Singh, P.; Perera, N.
11.10	F835	The metatarsal skyline view: A radiographic assessment of the transverse metatarsal arch Khurana, A. / Khurana, A.; Kadambande, S.; James, S.; Tanaka, H.; Hariharan, K.
11.20	F836	Development, validation and clinical use of intraoperative pedography Richter, M. / Richter, M.; Zech, S.; Hildebrand, F.; Schulz-Wildelau, C.; Gaulke, R.; Goering, K.
11.30	F837	In vitro wear performance of MTP prostheses evaluated on a multi-station metatarso-phalangeal joint simulator Green, S. / Green, S.; Lee, S.; Joyce, T.; Unsworth, A.
11.40	F838	Compression staples - Compression or distraction? Calder, J. D. F. / Calder, J. D. F.; Farr, D.; Karim, A.
11.50	F839	The Lapidus fusion with a locking screw plate and immediate weight bearing in 130 feet Hofstaetter, S. G. / Hofstaetter, S. G.; Moser, G.; Vordermeier, H.; Schwertner, A.; Orthner, E.
12.00	F840	Analysis of the Weil osteotomy in 73 feet. Predictive value of radiological parameters versus clinical examination Devos Bevernage, B. / Devos Bevernage, B.; Maldague, P.; Leemrijse, T.
12.10	F841	Prolonged thromboprophylaxis with Dalteparin after surgical treatment of Achilles tendon rupture - A randomized, placebo-controlled study Lapidus, L. / Lapidus, L.; Rosfors, S.; Ponzer, S.; Levander, C.; Elvin, A.; Elvin, G.; De Bri, E.
12.20	F842	Retained continuous infusion popliteal catheter for hindfoot surgery Calder, J. D. F. / Calder, J. D. F.; Elliot, R.; Seifert, C.

AUDITORIUM 8 – PETRARCA

FREE PAPERS: HIP 24 **HIP FRACTURES: PATIENT CARE 1** **8.00 – 10.30**
MODERATORS: HOFFMEYER, P. (SWITZERLAND); TAMBURELLA, G. (ITALY)

8.00	F843	The Norwegian Hip Fracture Register Gjertsen, J. / Gjertsen, J.; Fevang, J.; Vinje, T.; Lie, S.; Havelin, L.; Ebgesaeter, L.; Furnes, O.
8.10	F844	A survey of current practice amongst orthopaedic departments in the UK regarding the routine discontinuation of clopidogrel prior to undertaking emergency surgery for femoral neck fractures Palan, J. / Palan, J.; Odutola, A.; White, S.
8.20	F845	Prognosis in fractured neck of femur – Does Troponin T predict morbidity and mortality? Dawson-Bowling, S. J. / Dawson-Bowling, S. J.; Chettiar, K.; Cottam, H.; Forder, J.; Worth, R.; Apthorp, H.
8.30	F846	Timing of surgery for hip fractures: A systematic review Kalra, S. / Kalra, S.; Thiruvengada, M.; Khanna, A.; Parker, M.
8.40	F847	Effect of time to surgery and co-morbidities on length of stay in fractured neck of femur patients McLauchlan, G. J. / McLauchlan, G. J.; Van Mierlo, R.; Perkins, G.
8.50	F848	Early operation of patients with hip fracture improved ability to return to independent living Al-Ani, A. / Al-Ani, A.; Samuelsson, B.; Norling, A.; Ekstrom, W.; Tidermark, J.; Cederholm, T.; Hedstrom, M.
9.00	F849	Peritrochanteric femur fractures of oldest elderly. Long-term follow-up study of 455 patients Bel, J. / Bel, J.; Pidhorz, L.; Jacquot, F.; Bertin, R.; Pichon, H.; Dubrana, F.; Allain, J.; Bonneville, P.; Feron, J.
9.10	F850	Magnitude and duration of excess mortality following hip fracture among postmenopausal women: A meta-analysis Haentjens, P. / Haentjens, P.; Vanderschueren, D.; Venken, K.; Boonen, S.
9.20	F851	Stratifying hip fracture patients to guide and focus appropriate care whilst optimising resources Erturan, G. / Erturan, G.; Deo, S. D.
9.30	F852	Timed "Up & Go" test as a predictor of falls within six months after hip fracture surgery (1) Kristensen, M. T. / Kristensen, M. T.; Foss, N. B.; Kehlet, H.
9.40	F853	The use of POSSUM and Surgical Risk Score (SRS) in predicting hip fractures needing early surgery to improve outcomes. Can we do better? Ahluwalia, R. S. / Ahluwalia, R. S.; Mueller, M.; Kempuraju, N.; Fonseca, J.
9.50	F854	Results in osteoporotic femoral neck fractures treated with cemented vs uncemented hip arthroplasty Moroni, A. / Moroni, A.; Pegreff, F.; Romagnoli, M.; Hoang-Kim, A.; Tesi, F.; Giannini, S.
10.00	F855	The impact of surgical complications on length of stay after hip fracture surgery Palm, H. / Palm, H.; Foss, N. B.; Krasheninnikoff, M.; Kehlet, H.; Gebuhr, P.
10.10	F856	Survival and functional outcome according to hip fracture type: A one-year prospective cohort study in elderly women with an intertrochanteric or femoral neck fracture Haentjens, P. / Haentjens, P.; Autier, P.; Barette, M.; Vanderschueren, D.; Boonen, S.
10.20	F857	Early post-operative mobility and mortality in octo and nonagenarians following hemiarthroplasty for intracapsular neck of femur fractures Sabnis, B. M. / Sabnis, B. M.; Sales, J.; Brenkel, I.

AUDITORIUM 8 – PETRARCA

FREE PAPERS: HIP 25 HIP FRACTURES INTRACAPSULAR 1 11.00 – 12.00 MODERATORS: PARKER, M. (UNITED KINGDOM); ZAGRA, L. (ITALY)

11.00	F858	Microdialysis and laser Doppler flow measurements in the femoral head in patients with dislocated femoral neck fractures Pedersen, M. B. / Pedersen, M. B.; Emmeluth, C.; Overgaard, S.
11.10	F859	Incidence of fracture healing complications after internal fixation of intracapsular femoral neck fractures: A clinical study of 1,133 cases Parker, M. J. / Parker, M. J.; Raghavan, R.; Gurusamy, K.
11.20	F860	A randomized clinical trial comparing Minimally Invasive Surgery (MIS) to a conventional approach in hip fractures - Preliminary results Roy, L. / Roy, L.; Laflamme, Y.; Carrier, M.
11.30	F861	Failed fixation of extra-capsular proximal femoral fractures: An analysis of 252 cases Sen, D. / Sen, D.; Gehling, H. J.
11.40	F862	Bipolar hemiarthroplasty compared with total hip replacement for displaced femoral neck fractures in the elderly. A randomised, controlled trial Blomfeldt, R. / Blomfeldt, R.; Törnkvist, H.; Eriksson, K.; Söderqvist, A.; Ponzer, S.; Tidermark, J.
11.50	F863	Patient survival within the first year after dislocated intracapsular femoral neck fracture treated with internal fixation or bipolar hemiprosthesis Vinje, T. / Vinje, T.; Fevang, J.; Gjertsen, J.; Lie, S.; Engesaeter, L. B.; Havelin, L. I.; Matre, K.; Furnes, O.

AUDITORIUM 9 – DANTE

FREE PAPERS: HIP 22 THR STEM REVISION WITH GRAFT 1 8.00 – 9.30 MODERATORS: GRADINGER, R. (GERMANY); D'IMPORZANO, M. (ITALY)

8.00	F864	Biocompatibility of allograft for impaction grafting: Effect of marrow removal Board, T. N. / Board, T. N.; Rooney, P.; Kay, P. R.
8.10	F865	Cortical strut allograft and plate internal fixation for the treatment of periprosthetic fracture of the femur after hip arthroplasty Fernández-Valencia, J. / Fernández-Valencia, J.; Font, L.; Robert, I.; Domingo, A.; Ríos, M.; Gallart, .; XPrat, S.; Segur, J. M.; Riba, J.
8.20	F866	Stem subsidence after impaction bone grafting for revision hip arthroplasty using irradiated bone Hassaballa, M. / Hassaballa, M.; Mehandale, S.; Learmonth, I.
8.30	F867	Improving both the biological and mechanical properties of allograft in impaction bone grafting. A role for human bone marrow stromal cells Bolland, B. J. R. F. / Bolland, B. J. R. F.; Partridge, K.; Tilley, S.; New, A. M. R.; Dunlop, D. G.; Oreffo, R.
8.40	F868	Efficacy of washing techniques for morsellised allograft in impaction grafting Board, T. N. / Board, T. N.; Rooney, P.; Eagle, M.; Kay, P. R.
8.50	F869	The immunology of impaction grafting for revision hip arthroplasty Board, T. N. / Board, T. N.; Young, P. B.; Austin, E. B.; Bobak, P.; Gray, E. J.; Kay, P. R.
9.00	F870	Temporal changes in biochemical markers of bone turnover following impaction grafting in revision hip arthroplasty Board, T. N. / Board, T. N.; Young, P. B.; Gray, E. J.; Bobak, P.; Austin, E. B.; Kay, P. R.
9.10	F871	Radiological and clinical assessment of bone remodelling after impaction bone grafting in revision hip arthroplasty. Preliminary results of a prospective study Skaliczki, G. / Skaliczki, G.; Zahár, Á.; Somogyi, P.; Makra, M.; Kovács, D. I.; Lakatos, J.
9.20	F872	Circumferential meshes, impacted bone allografts and long cemented stems in massive femoral bone loss. Biomechanical, clinical and radiographic study Buttaro, M. / Buttaro, M.; Guala, A. J.; Comba, F.; Piccaluga, F.

AUDITORIUM 9 - DANTE

FREE PAPERS: GENERAL ORTHOPAEDICS 11 **NON-OPERATIVE MANAGEMENT 1** **9.30 - 10.30**
MODERATORS: CZERWINSKI, E. (POLAND); MANUNTA, A. (ITALY)

9.30	F873	Chemical synoviorthesis Fernandez Palazzi, F. / Fernandez Palazzi, F.
9.40	F874	Does diabetes predispose patients to arthritis Sunny, J. K. / Sunny, J. K.; Ghanem, E.; Malgorzata, R.; Freeman, T.; Parvizi, J.
9.50	F875	Evidence for key role of leptin in osteoarthritis Mainard, D. / Mainard, D.; Pottie, P.; Presle, N.; Terlain, B.; Galois, L.; Loeuille, D.; Netter, P.
10.00	F876	Indentation-type scanning force microscopy, a versatile tool for imaging, measuring and manipulating soft biological tissues, for example, normal, diseased and engineered cartilage Stolz, M. / Stolz, M.; Raiteri, R.; Gottardi, R.; Daniels, D.; Friederich, N.; Imer, R.; Staufer, U.; Fässler, R.; Aebi, U.
10.10	F877	Targeting of cationic liposomes to the synovial endothelium of rheumatoid joints - A new promising drug delivery system Gottschalk, O. / Gottschalk, O.; Schmitt-Sody, M.; Metz, P.; Schulze, B.; Bohnenkamp, H.; Michaelis, U.; Guenzi, E.; Funk, M.
10.20	F878	Donjoy OA orthosis. An anatomical investigation König, D. P. / König, D. P.; Güngör, Ü.; Aydinli, M.; Koebke, J.

FREE PAPERS: HIP 23 **THR STEM REVISION 1** **11.00 - 12.30**
MODERATORS: HUTEN, D. (FRANCE); PACE, N. (ITALY)

11.00	F879	Fixation of revision implants is improved by the surgical technique of cracking the sclerotic bone rim compared to reaming Elmengaard, B. / Elmengaard, B.; Baas, J.; Bechtold, J. E.; Jakobsen, T.; Søballe, K.
11.10	F880	Revision hip arthroplasty for periprosthetic fracture Young, S. W. / Young, S. W.; Walker, C.; Pitto, R.
11.20	F881	Femoral head diameter affects the revision rate in total hip arthroplasty: An analysis of 1,720 hip replacements with 9-21 years of follow-up Tarasevicius, S. / Tarasevicius, S.; Kesteris, U.; Robertsson, O.; Wingstrand, H.
11.30	F882	Femoral component revision in complex conditions in hips with important bone loss: Eight to twelve years of follow-up Grappiolo, G. / Grappiolo, G.; Spotorno, L.; Moraca, G.; Tornago, S.
11.40	F883	The uncemented primary BiCONTACT stem in revision total hip arthroplasty Thorey, F. / Thorey, F.; Lerch, M.; Kiel, H.; Von Lewinski, G.; Windhagen, H.
11.50	F884	Total femur replacement after THR or TKR with femoral loosening/ pseudarthrosis - A solution in complex problems? Huber, J. F. / Huber, J. F.; Ruflin, G.; Pagenstert, G.; Zumstein, M.
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12.10	F886	Cement-in-cement stem revision for Vancouver type B periprosthetic femoral fractures after total hip arthroplasty Briant-Evans, T. / Briant-Evans, T.; Hubble, M.; Tsiridis, E.
12.20	F887	Extensive trochanteric osteotomies vs. perioperative femoral fractures during stem removal in revision THA Lerch, M. / Lerch, M.; Thorey, F.; Windhagen, H.

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8.10	F889	The use of spacers in the treatment of infections of the shoulder joint Borens, O. / Borens, O.; Hofer, M.; Farron, A.; Blanc, C. H.
8.20	F890	Two-stage re-implantation with application spacer for antibiotics in septic total arthroplasty Thabe, H. / Thabe, H.
8.30	F891	Functional outcome after revision knee arthroplasty: Any difference between infected and non-infected cases? Ghanem, E. / Ghanem, E.; Restrepo, C.; Sharkey, P. F.; Austin, M.; Purtill, J. J.; Parvizi, J.
8.40	F892	Two-stage revision of infected hip endoprostheses using a shortened post-operative course of antimicrobial chemotherapy McKenna, P. B. / McKenna, P. B.; O'Shea, K.; Masterson, E.
8.50	F893	Pre-formed, antibiotic-loaded, bone cement articulating Spacer-K is safe and effective for the management of the infected total knee arthroplasty Castelli, C. / Castelli, C.; Ferrari, R.; Munro, J.; Pitto, R. P.

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10.20	F902	Antibiotic-modified Ti6Al4V implant inhibits bacterial colonization under physiological conditions Antoci, V. J. / Antoci, V. J.; Adams, C. A.; Hoffsommer, H. M.; Binoy, J.; King, S.; Freeman, T. A.; Parvizi, J.; Shapiro, I. M.

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Abudu, S. (United Kingdom)

Sclerosing therapy in aneurismal bone cysts - Long-term results
Szendroi, M. (Hungary)

CT-navigated cryosurgery of the spine - An experimental study on human vertebra and first clinical results
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8.10	F904	Volar locking plates: An assessment of their ability to maintain reduction when used in distal radial fractures Stevenson, I. M. / Stevenson, I. M.; Carnegie, C.; Christie, E.; Kumar, K.; Johnstone, A.
8.20	F905	Palmar plate fixation of distal radius fractures using ITS locking plate, mid-term results after 1-5 years Franz, O. / Franz, O.; Wolfgang, M.
8.30	F906	An annual review of patients with distal radial fractures treated with a volar locking plate Tate, R. / Tate, R.; Broadbent, M. R.; Carnegie, C. A.; Christie, E. M.; Johnstone, A. J.
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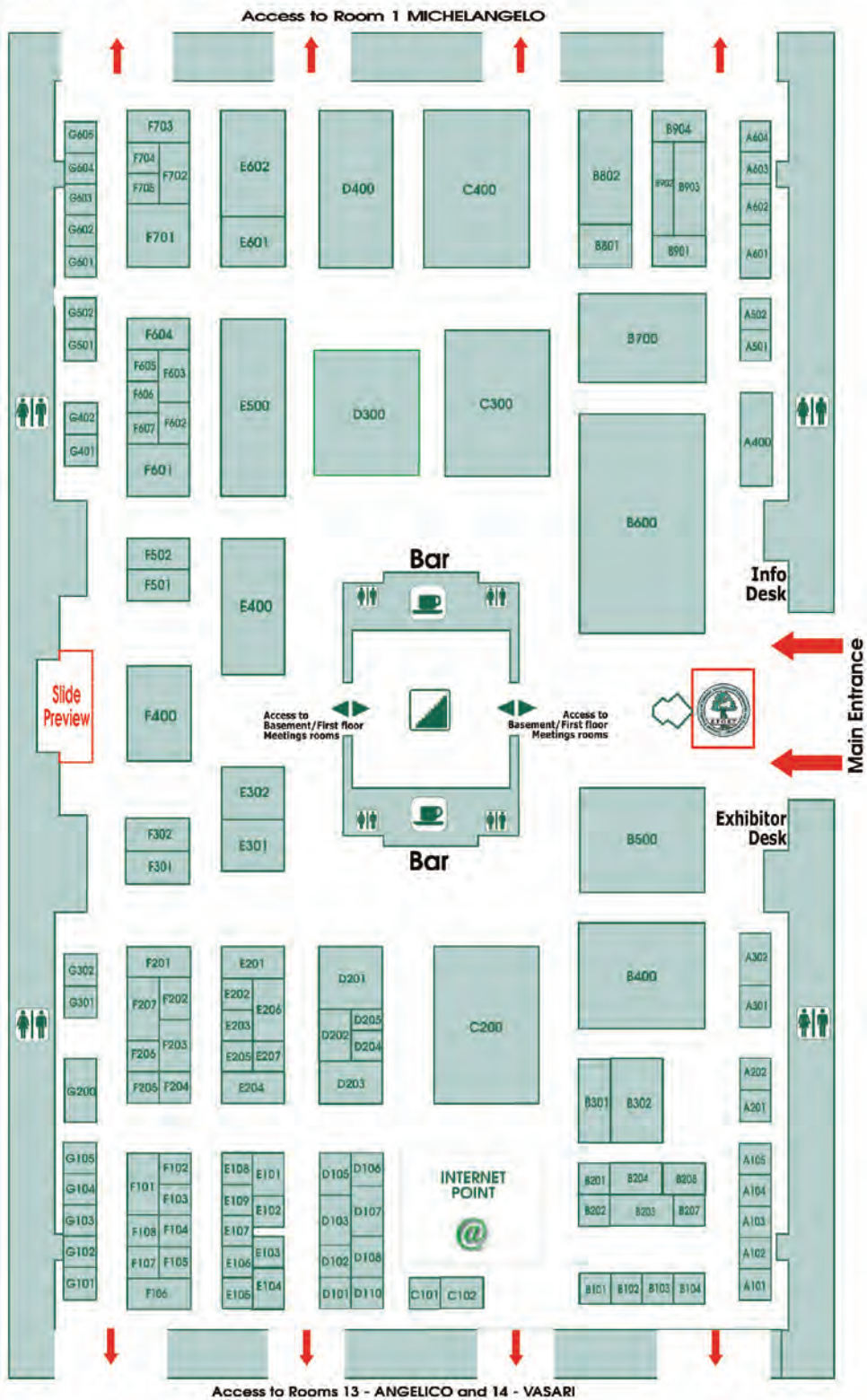
	
	
	
	
	
	

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AAOS – American Academy of Orthopaedic Surgeons **BOOTH # G101**

PROFILE:

American Academy of Orthopaedic Surgeons (AAOS) is the world's largest medical association of musculoskeletal specialists, serving over 29,000 members, including 3,700 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

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Agfa HealthCare **BOOTH # B901**

PROFILE:

Agfa HealthCare supplies hospitals and other healthcare centers with state-of-the-art systems for the capturing, processing and managing of diagnostic images and with IT solutions that integrate information and imaging workflows into the overall hospital operations across departmental disciplines. Agfa HealthCare is a leader in the fast growing market of IT systems that span the entire healthcare enterprise and through which healthcare facilities become more efficient and effective, with improved patient outcomes.

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ALBRECHT **BOOTH # F107**

PROFILE:

Manufacturer/distributor of innovative braces for conservative and post-op rehabilitation. Knee braces (HYPEX®, JACK PCL) and controlled-dynamic-stretch (CDS®) braces for knee, elbow, ankle, wrist.

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AMPLITUDE **BOOTH # F603**

PROFILE:

Amplitude is a French company specialised in orthopaedic implants.

Our range of products includes HIP and KNEE implants, their mechanical instrumentations, and our own navigation system (CAOS).

All our products are developed by our R&D department together with teams of European surgeons. We distribute our products in over 20 countries worldwide and intend to continue our successful expansion programme internationally.

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A-ONE MEDICAL BV **BOOTH # B201**

PROFILE:

A-one Medical B.V. is a Dutch company supplying niche and durable products for the international orthopaedic market.

Through the high quality of our products we contribute to enhancement of hip replacement techniques, and therewith to better results for patients.

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Our staff speaks Dutch, English, German and Norwegian, and is highly focused on maintaining long lasting international relationship.

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APATECH LIMITED **BOOTH # F602**

PROFILE:

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For more information on advanced grafting products, please visit our booth.

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ASCENSION ORTHOPEDICS **BOOTH # F606**

PROFILE:

Ascension Orthopedics is dedicated to combining advanced materials with innovative designs, focusing on extremity surgery, and leading the field in surgeon education. The company founders are pioneers in using advanced materials to combat the debilitating effects of arthritis. Ascension Orthopedics' goal is to provide the extremity surgeon with procedural solutions for all areas of extremity surgery - reconstruction, trauma and tissue regeneration.

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ASTON MEDICAL **BOOTH # B208**

PROFILE:

The company Aston Medical is specialised in the design, manufacturing and distribution of innovative new implant solutions that meet the need of orthopaedic surgeons around the world.

Our main product lines :

- Shoulder implants, especially the reversed prosthesis with an inferior offset to suppress the slot effect. A humeral nail system that avoids varus effect.
- Knee implants with mobile bearing and rotating knee systems for less constraints in the ligaments.
- Hip implants for primary surgery, revision and reconstruction. A complete range is available with cemented and uncemented versions with monobloc and modular necks fitting double mobility cups. Handles for stems and cups impaction are designed for mini invasive approach.
- Osteosynthesis and spine range.

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B. BRAUN – AESCULAP AG & CO. KG
BOOTH # D300

PROFILE:

Aesculap is a division of the B.Braun Group, one of the largest companies providing health care solutions to the world since 1839. Aesculap has a 20 years experience in orthopedic implants and surgery. In close collaboration with clinical authors, implants and handling orientated instruments are conceived. Aesculap combines its core competence in surgical instrument manufacturing with unique ideas and innovative engineering to create modern implant systems. Aesculap Orthopaedics has been pioneer and is today world-wide leading in navigation technology. New implant developments such as the e.motion knee implant system and the modular short stem METHA hip endoprosthesis are consequently designed to fulfill the requirements navigation and modern minimally invasive OR-techniques dictate.

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BAUERFEIND GMBH & CO. – FILIALE ITALIANA
BOOTH # F203

PROFILE:

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BAXTER BIOSURGERY INTERNATIONAL
BOOTH # A400

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Baxter BioSurgery supplies a number of novel biomaterials to improve surgical procedures and positively impact clinical and patient outcomes. These products include:
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BAYER HEALTHCARE AG

PROFILE:

Bayer HealthCare, a subsidiary of Bayer AG, is one of the world's leading, innovative companies in the healthcare and medical products industry and is based in Leverkusen, Germany. The company combines the global activities of the Animal Health, Consumer Care, Diabetes Care and Pharmaceuticals divisions. The pharmaceuticals business operates under the name Bayer Schering Pharma AG. Bayer HealthCare's aim is to discover and manufacture products that will improve human and animal health worldwide. Bayer is

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COMPANY INFO:

Aprather Weg 18a
42096 Wuppertal
Germany
Tel. +49 20 2365019, Fax +49 20 2364166
stephanie.prate@bayerhealthcare.com
www.bayerhealthcare.com

BEIJING MONTAGNE MEDICAL DEVICE CO. LTD BOOTH # G603

PROFILE:

Founded in January of 1998, Beijing Montagne Medical Device Co., Ltd is a Sino-French joint venture, located in Changping HI-TECH Zone, Zhongguancun Science Park. It is a "New Hi-Tech Enterprise" approved by Beijing Municipal Science and Technology Committee. The company has been certified to ISO9001:2000 and ISO13485:1996 in its product quality and its quality system. In the development and production of new series hip implants, the company has obtained several patents. We would like to create a bright future together with those who are engaged in the development of artificial joints.

COMPANY INFO:

BaiFuQuan Road, 19
102200 Beijing
China
Tel. +86 10 80105507, Fax +86 10 89703274
montagne@vip.sina.com

BIOCOMPOSITES LTD BOOTH # G402

PROFILE:

Biocomposites engineers synthetic calcium based composite surgical implants and materials to treat fractures, bone disease and sports injuries. Our range of resorbable products includes synthetic graft materials and internal fixation devices used widely in orthopaedic and trauma indications. Biocomposites' reputation for product innovation continues with the development of Genex®, a new class of material that redefines bone repair. Building on 40

years of research, our unique control of surface properties harnesses key proteins, giving increased bone cell activity, resulting in accelerated bone growth.

Visit Stand G402 to discuss how this revolution in bone repair can help you and your patients.

COMPANY INFO:

Keele Science Park
ST5 5NL Keele, Staffordshire
UK
Tel. +44 (0) 1782 338580, Fax +44 (0) 1782 338599
info@biocomposites.com
jl@biocomposites.com
www.biocomposites.com

BIOMET EUROPE BOOTH # B400

PROFILE:

Visit the Biomet stand to enjoy a coffee or refreshing drink and the opportunity to experience what Biomet has to offer. You will be able to discuss clinically proven global products, experience the latest innovations and developments. You will also have the opportunity to gain a greater understanding of our commitment to less traumatic surgery for TKR and THR, our reduced hospital stay protocols and our world leading medical educational programmes. In addition to this, Biomet will hold a number of interactive educational sessions featuring the Oxford Unicompartmental Knee and the Vanguard Complete Knee System.

COMPANY INFO:

Waterton Ind Estate
CF31 3XA Bridgend
UK
Tel. +44 1656 655221, Fax +44 1656 645454
Kevin.morgan@biometeurope.com
www.biometeurope.com

BIORETEC LTD BOOTH # D110

PROFILE:

Bioretec Ltd develops, manufactures and markets new and innovative bioabsorbable, bioactive and drug releasing medical device products for various fields of surgery. Two first product lines,

ActivaPin™ and ActivaScrew™ for Orthopedics and Traumatology market are about to launch in US and EU in March 2007. Drug releasing products which will be an expansion for Bioretec's other products groups will be launched thereafter.

Bioretec creates value for its innovative and effective product development by having its own extensive intellectual property portfolio, by establishing strong brands for each product group and by working through a strong global distribution network.

COMPANY INFO:

Hermiankatu 22
33720 Tampere
Finland
Tel. +35 8 207789500, Fax +35 8 33170225
bioretec@bioretec.com
www.bioretec.com

BOEHRINGER INGELHEIM

PROFILE:

Boehringer Ingelheim is a group of companies dedicated to researching, developing, manufacturing and marketing novel products of high therapeutic value for human and veterinary medicine. It is one of the world's 20 leading pharmaceutical companies. The company is active in 47 countries and achieved net sales of EUR 10.6 billion in 2006.

R&D expenditure was one fifth of net sales of Boehringer Ingelheim's Prescription Medicines business in 2006. The company has four major R&D centres in Europe and North America, which focus on seven major therapeutic areas: Respiratory diseases, Virology, Oncology, Metabolic diseases, Cardiovascular diseases, Central nervous system diseases and Immunology & Inflammation.

COMPANY INFO:

Binger Str. 173
55216 Ingelheim
Germany
Tel. +49 6132 7798497, Fax +49 6132 7298497
miriam.pfeiffer@ing.boehringer-ingelheim.com
www.boehringer-ingelheim.com

**BRAINLAB AG
BOOTH # E301**

PROFILE:

One of the market leaders in image-guided surgery, BrainLAB is specialized in the development, manufacture, and marketing of medical technology for radiosurgery, radiotherapy, orthopedics, neurosurgery, ENT and spine and trauma surgery. BrainLAB creates innovative solutions for the full spectrum of surgical procedures, including complete solutions for stereotactic radiosurgery and integrated operating rooms. In the field of orthopedics, BrainLAB is committed to enhancing visualization and guidance through navigation, for greater precision and less-invasive procedures. With over 16 years of experience, BrainLAB is headquartered in Munich, Germany. For more information, visit brainlab.com.

COMPANY INFO:

Kepellenstr. 12
85622 Feldkirchen
Germany
Tel. +49 899915680, Fax +49 8999 156833
maria.oberberger@brainlab.com
www.brainlab.com

**C.H. MEDICAL LTD
BOOTH # A105**

PROFILE:

CHM will be showing the advanced new PERIPRO PLATE™ which is indicated for problematic periprosthetic fractures, bone reinforcement during arthroplasty and non-union or sequential fractures resulting from previous failed osteosynthesis. Used without screws the minimum contact design PERIPRO PLATE™ preserves the periosteum and is useful in osteoporotic bone. The short operating time reduces patient exposure to anaesthesia gases and blood loss. The innovative PERIPRO PLATE™ is a 3rd generation design meniscus plate resulting from the application of modern scientific techniques to maximise strength, stability and clinical performance. CHM look forward to welcoming you to stand No. A105

COMPANY INFO:

OAK Tree Place 8
EX2 8WA Exeter
UK
Tel. +44 (0) 139 2824668, Fax +44 (0) 139 2823747
sales@chmedical.com

CERAMTEC AG – MEDICAL PRODUCTS DIVISION BOOTH # E601

PROFILE:

CeramTec's BIOLOX® materials are the most widely used ceramic components in arthroplasty. They are extremely wear-resistant and biocompatible, helping to avoid particle disease and allergic reactions. Since 1974 more than four million ceramic BIOLOX® ball heads and 750,000 ceramic BIOLOX® cup inserts have been used in hip joints. 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 2900 employees world-wide.

COMPANY INFO:

Fabrikstrasse, 23-29
D-73207 Plochingen
Germany
Tel. +49 7153 611513, Fax +49 7153 61116 513
h.wecker@ceramtec.de
www.ceramtec.de

CERAVER BOOTH # F604

PROFILE:

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 than 28 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. The new shoulder ULYS.

A broad range of biomaterials: CERAFIX: low and high viscosity cements, synthetic bone substitutes as: CERAPATITE, CALCIRESORB et CERAPLAST.

COMPANY INFO:

Rue de la belle etoile, 69
95700 Roissy en France
France
Tel. +33 148 638863, Fax +33 148 638899
contact@ceraver.fr
www.ceraver.fr
www.ceraver.com

CHM SP. ZO.O. BOOTH # B202

PROFILE:

Founded in 1981 "ChM" Ltd. is a leading Polish producer which designs, manufactures and supplies implants and devices for orthopedics and traumatology. Our implants are very popular on the domestic market and also on foreign markets because of the highest quality, a large product portfolio and competitive prices.

Quality Policy: quality system ISO 9001: 2000, EN ISO 13485: 2003, CE Marking.

Products: implants and instruments for bone surgery: CHARFIX™ intramedullary nailing system, BIALSTAB™ spine system, CHARSTAB™ external fixator, DHS/DCS system, full range of plates (with limited contact, locking plates), screws and pins, oscillating plaster saw, other instruments.

COMPANY INFO:

Lewickie 3B
16-061 Juchnowiec Koscielny
Poland
Tel. +48 857 131320, Fax +48 857 131339
chm@chm.pl
www.chm.pl

CITIEFFE SRL BOOTH # D107

PROFILE:

Citiefte has been constituted in Italy in 1962, it is a medium sized company specialized in the design, production and marketing of surgical instruments and implants for orthopedics and traumatology.

Starting from the 90's the company focus has priorly been on the development of innovating trauma products, which are actually

successfully marketed on both domestic and international markets through exclusive distributors or direct sales agents.

Thanks to its huge experience and flexibility, citieffe is continuously involved as a partner in third companies projects focused on the engineering and production of innovating or customized implants. The company guidelines are aimed at keeping a constant growth through R&D and marketing investments.

COMPANY INFO:

Via Armaroli n. 21
40012 Calderara di Reno (BO)
Italy
Tel. +39 051 721850, Fax +39 051 721870
scoccianti@citieffe.com
s.mingozzi@citieffe.com

CODONICS

BOOTH # E205

PROFILE:

The Horizon XL Multi-media Imager from Codonics introduces 36" (91.44 cm) and 51" (129.54 cm) long film capabilities, offering the only digital, dry long film available, ideal for long bone and scoliosis studies. Horizon XL saves space, completely eliminates wet film and prints all standard sizes of film, plus grayscale and color paper in one economical package. Our Virtua Medical Disc Publisher sets the standard for speed, efficiency and ease-of-use in automatic disc recorders. This state-of-the-art medical device is a DICOM-compliant network appliance that concurrently records and labels multiple medical studies onto CD and DVD. Codonics, more ways to increase productivity, improve workflow, and cut costs.

COMPANY INFO:

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44130 Middleburg Heights, Ohio
USA
Tel. +1 440 2431198, Fax +1 440 2431334
ngalioto@codonics.com
www.codonics.com

CORIN GROUP PLC

BOOTH # E302

PROFILE:

Founded in 1985, Corin Group has a proud heritage of innovation within the orthopaedic market, including pioneering the modern generation of metal-on-metal hip resurfacing devices, and developing the world's first truly mobile bearing total knee replacement. Cormet® hip resurfacing, Optimom® metal-on-metal total hip, Rotaglide+® total knee and Uniglide® unicompartmental knee are the flagship products in a range which also includes conventional total hip systems, ankle and shoulder replacements, spinal systems, ligament reconstruction, trauma products and theatre disposables. Corin also offers surgical navigation and operative planning systems and is actively supporting the development of new products and technologies in this area.

COMPANY INFO:

The Corinium Centre
GL7 1YJ Cirencester
UK
Tel. +44 01285 649230, Fax +44 01285 658960
iain.dunbar@coringroup.com
www.coringroup.com

DAEWOONG PHARMACEUTICAL CO. LTD

BOOTH # G401

PROFILE:

Established in 1945, Daewoong Pharmaceutical Co. Ltd has the largest prescription drug sales in Korea and envisions itself to become a top 50 global healthcare company by 2010. Daewoong has maintained a steady growth rate in the double digits and has paid surplus dividends for the last 40 years. The company has developed Synthetic Bone Graft based on Hydroxyapatite, has built strong core competency for new drug & biomaterial development and has cultivated a cooperative culture for collaboration with global partners.

COMPANY INFO:

4F #163-3 Samsung-dong, Gangnam-gu
135-090 Seoul
Republic of Korea
Tel. +82 2 5508597, Fax +82 2 5508616
donaldlee@daewoong.co.kr

DE SOUTTER MEDICAL LTD BOOTH # A201

PROFILE:

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.

COMPANY INFO:

Billet Lane
HP4 1HL Berkhamstead
UK
Tel. +44 144 2860300, Fax +44 144 2860333
dave.newman@de-souttermedical.com
www.de-soutter.com

DEPUY ORTHOPAEDICS INTERNATIONAL BOOTH # C200

PROFILE:

DePuy Orthopaedics International is one of the world's leading orthopaedic manufacturers and providers of orthopaedic implants and instruments.

Focus areas are Hip and Knee implants, Trauma & Extremities, Computer Navigated Surgery and cement accessories. Presentations of all of these products will be held throughout EFORT on the DePuy booth.

COMPANY INFO:

St Anthony's Road
LS11 8DT Leeds
UK
Tel. +44 113 3877928, Fax +44 113 3877886
asexton2@dpygb.jnj.com

DISC-O-TECH MEDICAL TECHNOLOGIES LTD BOOTH # F705

PROFILE:

Disc-O-Tech Medical Technologies Ltd. is a unique and fast growing company.

The firm is involved in the design, development and manufacturing of innovative implants for orthopedic surgery, using mainly minimally invasive techniques.

The company's product line includes an expandable intramedullary nailing system implant for treatment of long bone fractures.

The FIXION® IM Nailing System is the only nailing system in the world that is expandable and thus perfectly fits the anatomical shape of the intramedullary canal. The Fixion® Nails are inserted in a reduced diameter and then expanded within the medullary canal with saline solution.

The procedure is minimally invasive and reduces both O.R. time and fluoroscopy exposure.

COMPANY INFO:

Ha'hoshlim Street, 11
46724 Herzelina
Israel
Tel. 972 9 9511511, Fax 972 9 9548939
info@disc-o-tech.com

DJO DEUTSCHLAND GMBH BOOTH # F703

PROFILE:

DJO Incorporated is a global provider of solutions for musculoskeletal health, specializing in rehabilitation and regeneration products for the non-operative, orthopedic, spine and vascular markets. Marketed under the Aircast®, DonJoy®, ProCare® brands, the company has a broad range of over 600 rehabilitation, regeneration and vascular system products. The company sells its products in the United States and in more than 50 other countries through networks of agents, distributors and its own direct sales force.

COMPANY INFO:

Kulmbacher Strasse 51
95512 Neudrossenfeld
Germany
Tel. +49 920 39735121, Fax +49 920 3973519
petra.graef@djortho.com

DOCTORS RESEARCH GROUP INC.
BOOTH # C102

PROFILE:

Doctors Research Group Inc. (DRG) has been pioneering new medical devices since our inception in 1997. The company motto of "Physicians working together" allows for open dialog between the medical community and DRG's talented team. Our newest product, Kryptonite™ bone cement has recently received CE Mark approval. Kryptonite™ bone cement is a non-toxic, osteoconductive, calcified triglyceride, which is extremely adhesive, cohesive, and minimally exothermic. During the 30 minute curing process, the material morphs from a liquid, into a paste, then putty and finally into a solid. This solid material exhibits bone-like mechanical properties.

COMPANY INFO:

1 Jacks Hill Road, Unit 3D
06478 Oxford
USA
Tel. +1 203 8812929, Fax +1 203 8819868
mweachock@doctorsresearchgroup.com
www.kryptonitebonecement.com

DOT GMBH
BOOTH # A602

PROFILE:

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 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) and Anodic oxidation (DOTIZE®). Additional business areas are: Nano-porous bone graft substitute BONITmatrix®; subcontracting services (CNC-machining of surgical instruments).

ISO 13485:2003 certified. DOTs quality and safety standards are also geared to GMP demands.

COMPANY INFO:

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pfliegensdoerfer@dot-coating.de
www.dot-coating.de

E.M.S. ELECTRO MEDICAL SYSTEMS S.A.
BOOTH # A202

PROFILE:

EMS Electro Medical Systems SA with its headquarters in Nyon near Geneva is a modern Swiss company with worldwide activities in the dental, medical and veterinary field.

Today, EMS is one of the leading companies worldwide in development, manufacturing and distribution of shock wave equipment. Applications and technologies have been expanded over the years, for example the Swiss DolorClast® - Radial shock wave therapy for chronic pain.

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.

COMPANY INFO:

Ch. de la Vuarpillière 31
1260 Nyon
Switzerland
Tel. +41 22 9944700, Fax +41 22 9944701
welcome@ems-ch.com
www.ems-medical.com

EFAS - EUROPEAN FOOT AND ANKLE SOCIETY
BOOTH # F102

PROFILE:

EFAS - European Foot and Ankle Society, represents 14 European countries throughout Europe. EFAS is a community of international doctors and surgeons, each with their own specific talents and expertise. The goal of EFAS is to exchange knowledge, to interact, to promote foot and ankle surgery, and to bring the work to higher standards creating a unique European identity for all members. EFAS currently have 2,250 members and are expanding rapidly.

Within our website www.efas.co.uk you will find information which will appeal to both the established member and to those considering to join.

COMPANY INFO:

76a Upper Georges street
Dunlaoghaire, Co. Dublin
Ireland
Tel. +35 31 2302591, Fax +35 31 230 2594
efas@eventplus.ie

EFORT – EUROPEAN FEDERATION OF NATIONAL ASSOCIATIONS OF ORTHOPAEDICS AND TRAUMATOLOGY BOOTH # EFORT

PROFILE:

EFORT stands for the European Federation of National Associations of Orthopaedics and Traumatology. The federation links 38 National Orthopaedic Associations, and 18 Specialty Societies 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, along with professional expertise and scientific content. EFORT organises annual congresses which attract many thousands of orthopaedic surgeons as well as the medical and pharmaceutical industry. EFORT supports the continuous medical education (CME) in Europe and organises instructional courses regularly.

COMPANY INFO:

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Switzerland
Tel. +41 44 4484400, Fax +41 44 4484411
office@efort.org
www.efort.org

ELSEVIER

BOOTH # D103

PROFILE:

Elsevier is a leading international publisher of medical reference books, journals and electronic products. Visit us at stand D103; pick up a free content sampler CD, browse our range of titles on display and find out more about our publishing programme in orthopaedics. Journals and books available at EFORT include: the Knee, Injury, and Foot and Ankle Surgery. Pre-order your copy of the fully revised and updated: Canale: Campbell's Operative Orthopaedics, 11th edition, today at our stand! We look forward to seeing you! Visit intl.elsevierhealth.com for more information.

COMPANY INFO:

32 Jamestown Road
NW1 7BY London
UK
Tel. +44 207 4244200, Fax +44 207 4244431
www.elsevier.com

ENCORE MEDICAL

BOOTH # G501

PROFILE:

Encore Medical's Surgical Implant division designs, manufactures, markets and distributes orthopedic surgery products around the world.

Reconstructive total joint implants for the hip, knee, and shoulder, as well as spinal implant products, are the core business of the Surgical Implant Division.

COMPANY INFO:

Metric Blvd 9800
78758 Austin, TX
USA
Tel. +1 512 8329500, Fax +1 512 834 6300
intl_sales@encoremed.com
www.encoremed.com

EOS SARL
BOOTH # E103

COMPANY INFO:
2.A Les Grands Pres
26110 St. Maurice (France)

ESAOTE
BOOTH # B204

PROFILE:

For over 14 years, the company Esaote has been developing and producing delicate MRI systems for Musculoskeletal examinations. Over 1500 units have been installed worldwide, many in orthopaedic settings. In particular, the G-scan is a unique and revolutionary system for orthopaedic and traumatology applications thanks to the additional diagnostic capabilities offered. In fact, visualizing the actual condition of pathologies in the weight-bearing position is now possible with the G-scan. Like in the past, Esaote will continue to play an active role in the promotion of MRI in orthopaedics and traumatology.

COMPANY INFO:
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16153 Genova
Italy
Tel. +39 010 6547231, Fax +39 010 6547433
Lavaughn.dematas@esaote.com

ESKA IMPLANTS GMBH & CO. KG
BOOTH # A102

PROFILE:

ESKA Implants was founded in Lübeck, Germany, where it is still located. Research, development, manufacturing and sales are performed with highest commitment to patients' needs, allowing to use innovative and modern products for joint replacement and so to improve patients' quality of life.

For more than 25 years Spongiosa Metal® - the concept of a three-dimensional porous grid structure simulating the structure of cancellous bone - is used for cementless fixation. This structure allows for bony integration rather than bony ongrowth.

Due to these constant efforts, the continuous product development, the cooperation with clinical and biomechanical institutes

as well as the training programmes our products are successfully implanted worldwide

COMPANY INFO:
Grapengiesserstrasse, 34
23556 Lübeck
Germany
Tel. +49 451 89000-0, Fax +49 451 89000-40
marketing@eska-implants.de
www.eska-implants.de

F. COLOMBO SRL
BOOTH # E101

PROFILE:

Italian company specialized in hot precision forging of metals by mechanical press. During more than 60 years of activity we have got experience in forging alloys steel, titanium and chrome-cobalt alloy for biomedical field; our orthopaedic catalogue includes more than 100 articles such as hip and knee prostheses, tube plate, cups...

All productive processes are managed inhouse, from manufacturing tools up to final check with measuring machinery. We believe our know-how and technology might be really attractive for you ,offering a manufacture with an excellent finishing and an accurate degree of tolerance.

COMPANY INFO:
Via Cavaliere V. Veneto 2
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Tel. +39 039 9902112, Fax +39 039 9907558
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www.fcolombo.it

F.I.I. - FABRIQUE D' IMPLANTS ET D' INSTRUMENTS
CHIRURGICAUX
BOOTH # F605

PROFILE:

Since its creation in 1982, F.I.I. puts its know-how and its equipment production at the service of medical technology and research: design, development and manufacture of ranges of surgical implants such as hips, knees, shoulders... in the most strict respect of the standards in force.

Its capacity of innovation and its quality manner associated with a top human environment make it today a French company among the most recognized in the medical fields.

F.I.I. carries out near than 30% of its turnover with exports including about 40 countries.

COMPANY INFO:

ZI Champs de Berre
43240 St. Just Malmont
France
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info@fii.fr

**FAME MEDICAL PRODUCTS BV
BOOTH # F302**

PROFILE:

Fame Medical Products' area of expertise is biomaterials, which is used in prosthesis fixation, bone reconstruction operations, vertebroplasty applications and infection care.

The development, manufacturing and marketing is done in-house for the worldwide markets.

This leading company in the field of biomaterials guarantees safety and satisfaction to the patient and user, by making their products to the highest international quality standards.

COMPANY INFO:

Middenkampweg 17
6545 Nijmegen
The Netherlands
Tel. +31 24 3737547, Fax +31 24 3734255
info@famemp.com
www.famemedicalproducts.com

**FH ORTHOPEDICS
BOOTH # E106**

PROFILE:

FH Orthopedics is a family-owned company established in 1964. It has specialized in developing, manufacturing and marketing orthopaedic implants and instrumentation for the international medical community. The company has established a full breadth of products that span the hip, knee, ankle and foot specialties. We have also positioned ourselves well in the area of trauma implants and bone substitutes.

The company currently does business in over 30 countries. Throughout our history we have adhered to the strictest standards of quality. This is evidenced by our approvals under the CE mark and the FDA. Our ongoing research and development has brought our products to a higher standard of acceptance. They have been put to the test by international groups that have convened at such international meetings as the GECO and the CEAH. Please visit us online at www.FHorthopedics.com

COMPANY INFO:

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jm.kerninon@fhorthopedics.com
www.FHorthopedics.com

**FIDIA FARMACEUTICI SPA
BOOTH # F601**

PROFILE:

Fidia and its associated companies operate worldwide to develop and market innovative healthcare products mainly based on sodium hyaluronate (HA) and its derivatives. Fidia has developed proprietary breakthrough technology in the field of human tissue regeneration, from skin and cartilage to connective tissue, for treating severe pathologies, including knee O.A. with its worldwide available i.a. injectable product Hyalgan/Hyalart. More recently a high viscosity, injectable, sodium hyaluronate fermentation-based visco supplementation product, Hyalubrix, has been launched in Europe.

COMPANY INFO:

Via Ponte della Fabbrica 3A
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Italy
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amagostini@fidiapharma.it

**FINSBURY ORTHOPAEDICS LTD
BOOTH # A502**

PROFILE:

Finsbury Orthopaedics is the world leader in hip resurfacing technology. Our latest generation of hip resurfacing implant, the

ADEPT has been well received by the orthopaedic community and addresses real clinical issues such as sizing and femoral neck alignment.

Two and a half decades of collaborative development with pioneering orthopaedic surgeons has resulted in a portfolio of products which Finsbury now market directly in the UK, Germany and Australia. Our sales turnover has increased dramatically and is set to grow further as the company establishes more overseas operations and launches its well established products worldwide.

COMPANY INFO:

13 Mole Business Park, Randalls Road
KT22 7BA Leatherhead
UK

Tel. +44 (0) 1372 360830, Fax +44 (0) 1372 360779
info@finsbury.org
www.finsbury.org

**FORTE – FEDERATION OF ORTHOPAEDIC TRAINEES IN EUROPE
BOOTH # G102**

PROFILE:

ForTE is the Federation of Orthopaedic Trainees in Europe. The idea was hatched at EFORT 2005 in Lisbon and has been under development since then. We have national support from Holland, Ireland, Sweden, UK. We also want to hear from individuals who are interested – our secretary this year is from Switzerland. Please visit the website www.forte.eu.com for further details.

COMPANY INFO:

13 Moor Pool Avenue
B17 9HL Birmingham
UK
Tel. +44 7973 617467, Fax +44 7092 140169
info@forte.eu.com
www.forte.eu.com

**GEISTLICH PHARMA AG
BOOTH # A603**

PROFILE:

Geistlich, a Swiss manufacturer of medical products, is highly specialized in regenerative medicine and is worldwide market leader

for biomaterials in Dental and Orthopedic surgery. Chondro-Gide*, a Collagen Type I/III matrix is used for cartilage regeneration for ACI and AMIC* and Orthoss*, a natural bone substitute is used for filling of bony defects in orthopaedic and trauma surgery. Geistlich Biomaterials is a team of highly qualified staff with a broad network of contacts to researchers and clinicians throughout the world. Geistlich Biomaterials possesses a unique technology platform which allows our customers to provide proven solutions for the treatment of their patients.

COMPANY INFO:

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saegesser@geistlich.ch
www.geistlich.com

**GENZYME BIOSURGERY
BOOTH # D201**

PROFILE:

One of the world's leading biotechnology companies, Genzyme is dedicated to making a major positive impact on the lives of people with serious diseases. Since 1981, the company has grown from a small start-up to a diversified enterprise with more than 9,000 employees in locations spanning the globe. With many established products and services helping patients in more than 80 countries, Genzyme is a leader in the effort to develop and apply the most advanced technologies in the life sciences. The company's products and services are focused on rare inherited disorders, kidney disease, orthopaedics, cancer, transplant and immune diseases, and diagnostic testing. Genzyme's commitment to innovation continues today with a substantial development program focused on these fields, as well as heart disease and other areas of unmet medical need.

COMPANY INFO:

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63263 Neu-Isenburg
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monika.geretzky@genzyme.com
www.genzyme.com

COMPANY DESCRIPTIONS AND ADDRESSES

GEXFIX SA BOOTH # E109

PROFILE:

Manufacturer of very innovative carbon external fixators and Albizzia-Gexfix lengthening femoral nail.

COMPANY INFO:

Ave de la Praille 50
CH-1227 Carouge - Genève
Switzerland
Tel. +41 22 3081673, Fax +41 22 3081678
michel.meyer@gexfix.ch

GMREIS BOOTH # A601

PROFILE:

GMReis activities are related to research, development and manufacture of orthopedic devices. The company's main products are spine implants, locking compression plates and screws, bone substitutes, bone marrow concentration systems, disposable instruments for vertebroplasty and percutaneous discectomy, minimally invasive implants and instruments sets for trauma and spine surgery. The products offered by GMReis company are the result of new technologies developed by high quality personnel, modern equipment and a rigorous quality control system.

GMReis manufacturer complies with ISO 9001 and ISO 13485 and the devices are CE marked.

COMPANY INFO:

Rua Antonio C. Sebastiao 120
13052-502 Campinas
Brazil
Tel. +55 193 7659902, Fax +55 193 7659908
gmreis@gmreis.com.br
export@gmreis.com.br

GROUPE LEPINE BOOTH # A501

PROFILE:

After almost 300 years existence, GROUPE LEPINE 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®, bio-materials and soft splints.

For many years, GROUPE LEPINE 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 LEPINE is expanding its worldwide representation by seeking distribution partners.

COMPANY INFO:

Rue Saint Isidore - Bp 3008 44
69394 Lyon Cedex 03Posta
France
Tel. +33 04 72330295, Fax +33 04 72359650
info@groupe-lepine.com
www.groupe-lepine.com

GRUPPO BIOIMPIANTI BOOTH # E201

PROFILE:

Gruppo Bioimpianti is an Italian orthopaedic medical devices manufacturer from more than 15 years selling own products all over the world: hip and knee primary and revision prosthesis, tumoral prosthesis, intramedullary nails for femur, tibia & humerus, osteosynthesis and more.

Post-selling technical and scientific service to the surgeons, technological innovation oriented to the patient, product certification, scientific training, are some of the guides lines towards excellence.

COMPANY INFO:

Via Liguria 28
20068 Peschiera Borromeo (MI)
Italy
Tel. +39 02 51650371, Fax +39 02 51650393
info@bioimpianti.it
www.bioimpianti.it

HERAEUS MEDICAL GMBH
BOOTH # F206

PROFILE:

Heraeus and LINK Italia - your partners in arthroplasty. Heraeus Medical, a Division within the Heraeus Group, has been focused on research and development, sales and customer service for its clinically proven bone cements. The core product within the range of Heraeus Medical is the market leading bone cement PALACOS® as well as products and solutions for state-of-the-art cementation in orthopaedics and surgery.

Since 2006 LINK - the expert of modern prosthetics - and Heraeus - the developer and producer of the PALACOS® have been joining a collaboration in Italy, with LINK Italia being the exclusive sales partner of Heraeus bone cements and accessories.

COMPANY INFO:

Wilhelm-Rohn-Straße 25
63450 Hanau
Germany
Tel. +49 6181 352940, Fax +49 6181 358084
jana.machemer@heraeus.com
www.heraeus-medical.com
www.palacos.org

HOLOGIC INC.
BOOTH # D102

PROFILE:

Hologic is a leading developer, manufacturer and supplier of premium diagnostic and medical imaging systems dedicated to serving the healthcare needs of women, and a leading developer of state-of-the-art digital imaging technology for general radiography and mammography applications. Our core business units are focused on osteoporosis assessment, mammography and breast biopsy, direct-to-digital x-ray for general radiography applications and mini C-arm imaging for orthopedic applications.

COMPANY INFO:

35 Crosby Drive
1730 Bedford, MA
USA
sales@hologic.com
www.hologic.com

I-FLOW CORPORATION
BOOTH # E102

PROFILE:

ON-Q PainBuster is Redefining Recovery. Post-Op Pain Relief System delivers local anesthetic continuously to the incision site up to five days post surgery. ON-Q gives you satisfied patients, with lower pain scores, shorter lengths of stay, and less recovery; which will reduce costs and increase referrals.

COMPANY INFO:

20202 Windrow Drive
92630 Lake Forest
USA
Tel. +1 949 2602745, Fax +1 949 2602600
whitneygreer@iflo.com
www.iflo.com

I.T.S. - IMPLANT TECHNOLOGY SYSTEMS GMBH
BOOTH # D106

PROFILE:

Partnership - reaching goals together:
We, Team I.T.S., provide a long-term and trusting partnership. Achieving the impossible is a constant challenge for us. Together with doctors we realize their ideas - up to the global commercializing via distributors.

Products - manifold as life itself:
Covering the fields of nails, screws, plates and special implants, our products worldwide set standards in the sector of traumatology. All titanium implants are produced with special surfaces.

Organisation - flexible connection for quick acting:
In our company stability stands for long-term safety and availability. We benefit from international networks for setting impulses and we support scientific research.

COMPANY INFO:

Autal 28
8301 Lassnitzhoehe
Austria
Tel. +43 316 2112121, Fax +43 316 2112120
kb@its-implant.com
www.its-implant.com

ICRS – INTERNATIONAL CARTILAGE REPAIR SOCIETY BOOTH # G103

PROFILE:

ICRS is a forum for international collaboration in cartilaginous tissue research by bringing together basic scientists and clinical researchers 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.

Subsequently ICRS has as the ultimate goal the stimulation of education and research within the field of cartilage repair through regular meetings, skills courses, publications and other forms of communication.

The purpose of ICRS is charitable: The society envisages the scientific research and the exchange of knowledge among physicians, scientists, patients and researchers of the industry in the field of Cartilage Repair. To serve its purpose, the society organizes international congresses and events, publishes journals and provides a universal Internet discussion-platform. Furthermore the society financially supports research projects and pays for scholarships. For more information, please visit our booth at Stand G103.

COMPANY INFO:

Seestrasse 53
8702 Zollikon
Switzerland
Tel. +41 44 3901840, Fax +41 44 3901841
sseiler@cartilage.org
www.cartilage.org

INION LTD BOOTH # F502

PROFILE:

Inion is a company that specialises in the development of biodegradable medical implants, a fast-growing segment of the global orthopaedics market. This growth is being driven by an on-going shift from metal implants to biodegradable materials based on a range of benefits they provide to both the patient and the surgeon.

Inion's core expertise and technology lies in the design and manufacture of innovative biodegradable polymer devices, such as plates, screws, pins and membranes. These implants are used to enhance the healing of skeletal injuries (bone and soft tissue), such as those caused by trauma or by reconstructive surgery.

Key to the development of Inion's products is that they are designed by surgeons for use by surgeons, and possess most of the key properties desired of an implant:

- Biomechanical strength
- Completely biodegradable
- Predictable degradation profile
- Ease of use
- Safety

COMPANY INFO:

Laakarinkatu, 2
33520 Tampere
Finland
Tel. +358 323 06600, Fax +358 323 06601
info@inion.com
www.inion.com

INNOMED INC. BOOTH # G302

PROFILE:

Innomed will display our newest instruments - the universal femoral neck osteotomy guide, the flexible osteotome system, proximal femoral elevators, soft tissue graspers, small bone retractors and clamps, the femur finder system, and the universal screw removal system. We will also display the universal cup cutter system with large diameter heads for use when the liner is destroyed or with large resurfacing heads. Also shown will be MIS retractors for hip and knee, as well as positioners.

COMPANY INFO:

Estus Drive, 103
31404 Savannah, GA
USA
Tel. +1 912 2360000, Fax +1 912 2367766
shannon@innomed.net

INOMED TECHNOLOGY SA

BOOTH # G602

PROFILE:

Engineering, manufacturing and distribution of surgical instruments and implants for the orthopedics industry.

Specialisation:

- Generic instrumentation.
- Custom instrumentation.
- Minimal invasive instrumentation for knee - hip - shoulder.
- Inventor of the madriver (multi-angle driver).

COMPANY INFO:

La Praye - Case Postale 63, 5

2608 Courtelary

Switzerland

Tel. +41 32 37213 80, Fax +41 32 37213 84

inomed@bluewin.ch

www.inomed.ch

INTRAUMA SRL

BOOTH # G301

PROFILE:

Intrauma is an Italian company that plans, produces and commercializes through one net of distributors, the line of internal fixators "O' nil".

COMPANY INFO:

Via G. Di Vittorio 71/A

10098 Rivoli (TO)

Italy

Tel. +39 011 9539496, Fax +39 011 9588385

info@intrauma.com

franco.dibartolo@intrauma.com

INVIBIO LTD

BOOTH # A302

PROFILE:

Invibio® develops innovative biomaterials, including implantable PEEK-OPTIMA® polymer and ENDOLIGNV™ composite, and medical grade PEEK-CLASSIX™ polymer. Invibio's advanced PEEK-based polymers are used for a wide range of applications including the

arthroscopy, cardiovascular, dental, neurological, orthopedic, trauma and spine markets.

Invibio provides not only innovative biomaterials and technology, but also advanced technical research, proven market expertise, and consultative solutions that enable manufacturers to deliver innovative medical devices and procedures, realize accelerated market success, and enhance patient quality of life.

COMPANY INFO:

Hillhouse International

FY5 4QD Thornton - Cleveleys

UK

Tel. +44 (0) 1253 897439, Fax +44 (0) 1253 897490

jriley@invibio.com

www.invibio.com

IO INTERNATIONAL ORTHOPAEDICS HOLDING GMBH

BOOTH # E108

PROFILE:

IO International Orthopaedics Holding is a German manufacturer and distributor of hip implant systems and minimal invasive instruments. Our network of interventional distribution partners is steadily increasing and we are offering our costumers a variety of products and services which we developed on basis of market experience.

We are specialized in developing Resurfacing Hip Systems (ICON MIS-Hip) and Minimal Invasive Instruments & Techniques on behalf of our costumers.

All our products have a CE approval and our Quality System is according to the DIN EN ISO 13485:2003.

COMPANY INFO:

Hans-Kramer Str. 8

78187 Geisingen

Germany

Tel. +49 (0) 7704/92248-0, Fax +49 (0) 7704/92248-48

info@io-holding.com

www.io-holding.com

ISFR – INTERNATIONAL SOCIETY FOR FRACTURE REPAIR BOOTH # G104

PROFILE:

The International Society for Fracture Repair is an organisation dedicated to the advancement and interchange of the science of fracture repair by facilitating the interaction of biologists, biomechanical engineers, clinicians and outcome experts who all share an interest in bone healing and repair. A major initiative of the ISFR is the osteoporotic fracture campaign which seeks to create a global drive to improve the treatment of low trauma fractures and ensure reliable and effective secondary prevention.

COMPANY INFO:

Brockley Hill
HA7 4LP London
UK
Tel. +44 208 9095303, Fax +44 208 9548560
maggie.fractures@ucl.ac.uk
www.fractures.com

ISOTIS ORTHOBIOLOGICS BOOTH # F301

PROFILE:

IsoTis manufactures and markets a range of innovative bone graft substitutes and other related medical devices that are used to enhance the repair and regeneration of bone in spinal and trauma surgery, total joint replacements and dental applications. IsoTis' main commercial operations are based in Irvine, California, and its international sales headquarters are based in Lausanne, Switzerland.

COMPANY INFO:

Rue De Sebeillon, 1
1004 Lausanne
Switzerland
Tel. +41 21 6206000, Fax +41 21 6206060
corina.perrenoud@isotis.com
www.isotis.com

JBJS – THE BRITISH EDITORIAL SOCIETY OF BONE AND JOINT SURGERY BOOTH # F101

PROFILE:

The JBJS is offering a 10% discount on all purchases on stand F101.

The British and American Volumes of The Journal of Bone and Joint Surgery are regarded as the orthopaedic specialist's primary resource.

The Journals are published by organisations charged with disseminating orthopaedic knowledge worldwide. The JBJS enables orthopaedic & trauma specialists to keep up-to-date with the latest developments in orthopaedics, best practices, and patient care techniques. All published papers are blinded-peer-reviewed to ensure that they conform to current orthopaedic understanding. With a current subscription, access to the full text online is available free at www.jbjs.org and www.jbjs.org.uk.

COMPANY INFO:

Buckingham Street 22
WC2N 6ET London
UK
Tel. +44 20 77820010, Fax +44 20 77820995
s.long@jbjs.org.uk
www.jbjs.org.uk

JRI – JOINT REPLACEMENT INSTRUMENTATION LTD BOOTH # B102

PROFILE:

JRI is a leading independent British manufacturer of orthopaedic implants and instrumentation.

Renowned for its Furlong® H-A.C. Total Hip Replacement, now in its 21st year of outstanding clinical use, JRI offers a comprehensive range of joint replacement solutions for both hip and the knee. Its proprietary Supravit® coating has been proven to offer unsurpassed physiological solutions for both hip and knee surgery. Visit our stand to see astonishing evidence of how Supravit performs and learn why we passionately believe that the Furlong® H.A.C. Total Hip Replacement offers the prospects of a "Hip for Life".

COMPANY INFO:

Broadstone Place 8
W1U ZEP London
UK
Tel. +44 207 4874477, Fax +44 207 2242862
fayth.carter@jri-ltd.co.uk

**KARL STORZ GMBH & CO KG
BOOTH # D203****PROFILE:**

KARL STORZ is one of the world's leading suppliers of endoscopes for all fields of application.

The family-owned company with its headquarters in Tuttlingen, Germany has 3800 employees worldwide.

With a history that stretches back over 60 years, KARL STORZ is well-known for its innovative and high-quality products.

Its range of products has been rounded off with the development of the integrated operating room OR1™ and by integrating the field of flexible endoscopy into the various specialties.

COMPANY INFO:

Mittelstrasse 8
78532 Tuttlingen
Germany
Tel. +49 74 617080, Fax +49 74 61708105
info@karlstorz.de

**KIMBERLY-CLARK
BOOTH # E204****PROFILE:**

Kimberly-Clark is striving to bring its customers one less worry through delivery of clinical solutions to prevent, diagnose and manage healthcare-associated infections; prevent or reduce complications before, during and after surgery; as well as solutions in digestive health and pain management. In 2006 Kimberly-Clark launched an innovative microbial barrier designed to reduce the risk of skin flora contamination during a surgical procedure. KIMBERLY-CLARK* InteguSeal* Microbial Sealant uses a proprietary formulation to seal and immobilize pathogens to help protect against migration into the incision. For more information, go to www.integuseal.com.

COMPANY INFO:

Belgicastraat 13
1930 Zaventem
Belgium
Tel. +32 2 7112650, Fax +32 2 7112690
mathilde.kirk@kcc.com
www.kchealthcare.com

**KÖNIGSEE IMPLANTATE UND INSTRUMENTE
ZUR OSTEOSYNTHESE GMBH
BOOTH # A101****PROFILE:**

Manufacturer of implants and instruments for osteosynthesis. Angle-stable and variable angle-stable plate systems of titanium and steel.

Complete product range of osteosynthesis material.

COMPANY INFO:

Am Sand
07426 Aschau
Germany
Tel. +49 36 73849811, Fax +49 36 73849819
frank.orschler@koenigsee-implantate.de

**KYPHON EUROPE
BOOTH # F201****PROFILE:**

Kyphon develops and markets medical devices designed to restore spinal function using minimally invasive therapies including Balloon Kyphoplasty, a procedure to treat Vertebral Compression Fractures and the Aperius™ PercLID™ system.

The Balloon Kyphoplasty technique is designed to reduce and stabilise the fracture in a controlled way, to correct vertebral body deformity and to provide significant pain reduction and improve parameters contributing to Quality Of Life.

The Aperius™ PercLID™ system is the First Percutaneous Stand-Alone Lumbar Interspinous Decompression System designed to treat Lumbar Spinal Stenosis.

COMPANY INFO:

Leuvensesteenweg 369/6
1932 Zaventem
Belgium
Tel. +32 2 6092222, Fax +32 2 7317049
info@kyphon-eu.com
www.kyphon-eu.com

**Libreria Master
BOOTH # D205****COMPANY INFO:**

Viale Morgagni 39/r
50134 Firenze
Italy

**LIMA-LTO SPA
BOOTH # B802****PROFILE:**

Since 1945, a vast orthopaedic experience and matured in-depth know how, enable Lima-Lto to be present internationally with a wide range of high-tech TJR products.

Up-to-date technologies and research impulsive feature in 2007 one of the most advanced orthopaedic solutions: SMR, TSA for trauma, election, revision, reverse and tumor; Delta cup and Modulus stem, the THA with the unique 36 mm bearing starting from 44 mm cup combined with the original modular stem, perfect solution for morphological-surgical limits; Multigen Plus TKA, one instrument set for five different surgical treatments.

Lima-Lto, the synergic synthesis of material and manufacturing innovations, component design and modularity, instrumentation flexibility and excellence.

COMPANY INFO:

Via Nazionale 52
33030 Villanova di S. Daniele (UD)
Italy
Tel. +39 04 32945511, Fax +39 04 32945512
info@lima.it
www.lima.it

**MADRIMED MEDIZINTECHNIK GMBH
BOOTH # B904****PROFILE:**

European Art of Engineering - made in Austria
MADRImed engineers to continuously bring about new, innovative solutions. An example: the Vinci 300 and Vinci 600 powered surgical instruments for small bone and large bone surgery. These battery operated high-performance devices combine extreme precision, high power and absolute dependability. Anatomic-ergonomic design, high power and state-of-the-art Li-Ion battery technology open new dimensions for surgical applications.

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.

COMPANY INFO:

Werner-Bader-Str. 1
5111 Buermoos
Austria
Tel. +43-6274 6236 105, Fax +43-6274 6236 106
office@madrimed.com
www.madrimed.com

**MATHYS LTD BETTLACH
BOOTH # E602****PROFILE:**

...together with passion!

For over 40 years, Mathys Ltd Bettlach has dedicated itself to maintaining the mobility of human beings. The product portfolio consisting of artificial joint replacements for hip, knee and shoulder as well as biomaterials have brought Mathys Ltd Bettlach from being a small business to being a worldwide active enterprise.

...together with passion! is not just a slogan. The passion you feel every single day for your work is the same passion this company devotes to its products. With you as an expert and experienced partner, Mathys Ltd Bettlach develops innovative products and user-friendly instruments. Your inputs, proven concepts, the high quality, Swiss-made standards in manufacturing and tradition are guiding principles of this family-owned company. Mobility has always been the assignment - and will be the objective in the future, too.

COMPANY INFO:

Gueterstrasse 5
2544 Bettlach
Switzerland
Tel. +41 32 6441258, Fax +41 32 6441817
katharina.bruhin@mathysmedical.com

**MEDACTA INTERNATIONAL SA
BOOTH # E400****PROFILE:**

Medacta International is a Swiss company specialising in the production and sales of orthopaedic medical products.

We will demonstrate the AMIS®, anterior minimally invasive surgery technique, during a "Live Surgery" on Saturday 12th May 2007 at 12.00 pm in the Giotto room. Thanks to specific instrumentation, including an optimised extension table, more than 6000 AMIS® surgeries have been performed worldwide. iMNS™, Medacta's internally developed navigation system, enables the surgeon to use active or passive support for the perfect implantation of a TKR... with simplicity and precision. Discover iMNS on booth E400 and ask for a workshop!

COMPANY INFO:

Strada Regina
6874 Castel San Pietro
Switzerland
Tel. +41 91 6966060, Fax +41 91 6966066
crespan@medacta.ch
www.medacta.ch

**MEDI GMBH
BOOTH # D101****PROFILE:**

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 brand mediven®, mediortho® and medipro®. These products are used and distributed by medical supply stores, hospitals and cli-

nics, doctors and therapists. In other words, specialists who know which user needs which aid to improve their quality of life.

COMPANY INFO:

Medicusstrasse 1
95448 Bayreuth
Germany
Tel. +49 921 9120, Fax +39 921 912783
export@medi.de
www.medi.de

**MEDICAL DUE SRL
BOOTH # E105****PROFILE:**

Manufacturer and distributor of orthopaedics implants.

COMPANY INFO:

Via Staffali 44/a
37062 Dossobuono di Villafranca (VR)
Italy
Tel. +39 045 8600962, Fax +39 045 8601050
medical-due@libero.it
www.medicaldue.it

**MEDICAL PARK AG
BOOTH # E203****PROFILE:**

With seven recognised rehabilitation clinics in the disciplines of orthopaedics, rheumatology or traumatology and sports medicine, as well as neurology, internal medicine, cardiology and naturopathic methods and an out-patient centre in Munich, the German company MEDICAL PARK AG offers you, the patient, the medical competence you require for a successful healing process.

COMPANY INFO:

Wallbergstrasse 8
83707 Bad Wiessee
Germany
Tel. +49 8022 705035, Fax +49 8022 705050
j.porter@medicalpark.de
www.medicalpark.de

COMPANY DESCRIPTIONS AND ADDRESSES

MEDIFIELD LTD **BOOTH # C102**

PROFILE:

Medifield Ltd based in Athens with branches in Thessaloniki, Heraklion Crete and Limassol Cyprus.

We distribute general orthopedic products, joints (hip, knee, upper extremities, etc...), spinal products and osteosynthesis.

COMPANY INFO:

Kifissias Ave 170

11525 Athens

Greece

Tel. +30 210 6728500, +30 210 6728503

Fax +30 210 6728505, +30 210 6722004

medifield@medifield.com

vkouki@medifield.com

Computer controlled CNC machines with world standard accuracy. Parametric engineering design software (Pro Engineer Wildfire). Strong connection with practicing surgeons for constant innovation.

Focus on the need of customers, paying real attention to the development ideas of our partner.

Short and accurate lead time, in average, less than 4 weeks from the receipt of the order.

COMPANY INFO:

Berva - völgy Number

3301 EGER Postal Code

HUNGARY

Tel. +36 36 415577/15; Fax +36 36 415577/13

MEDIS SPECIALS BV **BOOTH # F704**

PROFILE:

Model-based RSA enables you to assess the micromotion of endo-prostheses without the need of attaching markers as is required in conventional marker-based roentgenstereophotogrammetry.

The technique allows you also to perform fluoroscopy studies to assess joint kinematics.

For this RSA solution, Medis Specials has built on more than ten years of experience gained with digital RSA and image processing techniques of respectively the Department of Orthopaedics and Division of Image Processing (LKEB) of the Leiden University Medical Center, The Netherlands.

COMPANY INFO:

P.O. Box 384

2316 XG Leiden

The Netherlands

Tel. +31 (0) 71 5223244, Fax +31 (0) 71 5215617

info@medisspecials.com

www.medisspecials.com

MÉDIMAT DIVISION OF EXPHAR SA **BOOTH # C101**

PROFILE:

Exphar sa is a company specialised in export of pharmaceutical specialities and was created in 1982.

Since 2005 a division called Médimat was created. This division is specialised in orthopaedic implants and surgery instrumentation and is also a recognised CE manufacturer of surgical sutures.

COMPANY INFO:

Avenue F. Roosevelt 104 20

1330 Rixensart

Belgium

Tel. +32 2 3444870, Fax +32 2 3460314

info@exphar.be

www.exphar.be

MEDIMETAL LTD **BOOTH # D204**

PROFILE:

Medimetal Ltd. is a manufacturer of trauma implants in Hungary. Our product range covers the whole trauma selection.

Some of the most important features of our company are: - CE mark, ISO 9001 and ISO 13485 certified by TÜV.

MEDTRONIC - INTERNATIONAL TRADING SARL **BOOTH # E206**

PROFILE:

Medtronic is the global leader in medical technology - alleviating pain, restoring health and extending life for millions of people around the world. Medtronic provides medical professionals with

products and therapies to help improve the lives of more than 5 million patients every year. Primary products include those for heart and vascular disease, neurological disorders, chronic pain, spinal disorders, diabetes, urologic and digestive system disorders, and eye, ear, nose and throat disorders.

Founded in 1949, Medtronic now serves physicians, clinicians and patients in more than 120 countries. The company is headquartered in Minneapolis, Minnesota, and has research, manufacturing, education and sales facilities around the world. Medtronic employs more than 35,000 people worldwide.

COMPANY INFO:

Route Du Molliau 31
1131 Tolochenaz
Switzerland
Tel. +41 21 8 077052, Fax +41 21 8038996
christopher.meyer@medtronic.com
www.medtronic.com

MERCK SHARP & DOHME (MSD)

BOOTH # F400

PROFILE:

Merck & Co., Inc., known as Merck Sharp & Dohme (MSD) outside the US, is a global research-driven pharmaceutical company dedicated to putting patients first.

Established in 1891, MSD discovers, develops, manufactures, and markets vaccines and medicines to address unmet medical needs. Merck is committed to developing innovative therapies that offer advances in the treatment of serious diseases like atherosclerosis, diabetes, hypertension and obesity, to demonstrate clear value to patients, payors and physicians.

COMPANY INFO:

One Merck Drive
8809 White House Station, NS
USA
Tel. +1 908 4231000, Fax +1 908 4231513
www.msd.com

MTF – MUSCULOSKELETAL TRANSPLANT FOUNDATION

BOOTH # G200

PROFILE:

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 2.5 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.

COMPANY INFO:

125 May Street
08837 Edison, NJ
USA
Tel. +1 800 4336576, Fax +1 732 6612298
helma_fernandez@mtf.org
www.mtf.org

NSK EUROPE GMBH – SURGICAL DIVISION

BOOTH # A301

PROFILE:

NSK is one of the leading manufacturers of dental and industrial High Speed Motor Systems, and, during the three generations since the company was founded in 1930, has earned itself an outstanding reputation for not only quality and reliability, but also an excellent price-quality relationship.

We have accommodated further demand by developing and establishing a Surgical Product Line with the following Products:

PRIMADO: Total surgical system (Neuro- and Spine Surgery);
PRADO: High Performance brushless Micro motor with precise torque control (ENT, Microsurgery and Oral Maxillofacial Surgery);
ESTIMA: Ergonomic and Economic Brushless Micro motor (ENT, Microsurgery and Oral Maxillofacial Surgery);

Further Products are under development!

Today NSK delivers products to more than 120 countries around the world.

NSK has the capability to develop, manufacture and market products completely in-house. This allows our company to react to market demands and to assure the highest level of quality for every NSK manufactured product.

The challenge continues for us to meet the varied demands of the 21st Century, and to contribute to the progress of surgery and the growth of medical demands.

COMPANY INFO:

Westerbachstrasse 58
60489 Frankfurt
Germany
Tel. +49 (0) 69 7422990, Fax +49 (0) 69 74229929
roberz@nsk-europe.de

OHK MEDICAL DEVICES – DIVISION OF ONEG HAKARMEL LTD

BOOTH # E202

PROFILE:

Founded in 1999 in Haifa Israel, OHK Medical Devices – Division of Oneg HaKarmel Ltd specializes in developing, manufacturing and marketing of medical systems which bring unique performance standards to the healthcare market.

OHK's leading product is the S-MART™ exsanguinations tourniquet. The S-MART™ is sterile and latex free and is intended for single use only in limb surgery. The device performs exsanguination and occlusion and provides a sterile field covering in less than 12 seconds. The S-MART™ is FDA listed and CE approved.

COMPANY INFO:

Paylam St. 5
33095 Haifa
Israel
Tel. +972 4 8242369, Fax +972 4 8346753
contact@ohkmed.com

ORMED GMBH & CO. KG

BOOTH # F501

PROFILE:

With its brandname ARTROMOT®, ORMED GmbH & Co. KG is German market leader in the business field of Continuous Passive Motion devices (CPM). With over 25 years of experience in R & D, manufacturing and sales, we are focusing on a product range for

early rehabilitation after orthopaedic surgery. Certainly, the cutting edge technology of our medical devices and high quality in serving our customers is our policy.

"Ideas in motion" is our vision and our international distributor network is successfully providing orthopaedic patients worldwide with following products:

- ARTROMOT® – CPM devices
- ARTROSTIM® – electrotherapy devices
- ARTROstar® – nutrition supplements
- Hya-ject® – hyaluronic acid
- chondrotransplant® DISC – Autologous Disc-Derived Chondrocyte Transplantation
- ARTROcell 3D® – Autologous Chondrocyte Transplantation

COMPANY INFO:

Merzhauser Strasse 112
D-79100 Freiburg
Germany
Tel. +49 7614566290, Fax +49 76145665290
m.paulssen@ormed.de
www.ormed.de

ORTHOFIX

BOOTH # B301

PROFILE:

We are a diversified orthopedic company offering a broad line of minimally invasive surgical, as well as non surgical, products for the spine, orthopedic reconstruction and trauma, vascular and sports medicine market sectors.

We have administrative and training facilities in Italy, UK and the USA and distribute our products via direct representatives and distributors in 86 countries.

COMPANY INFO:

Via Delle Nazioni, 9
37012 Bussolengo (VR)
Italy
Tel. +39 045 6719000, Fax +39 045 6719380

**ORTHOPAEDICS TODAY INTERNATIONAL -
SLACK INCORPORATED
BOOTH # F205**

PROFILE:

SLACK Incorporated, delivering the best in health care information and education worldwide, invites you to Booth # F205. Get your complimentary issue of ORTHOPAEDICS TODAY INTERNATIONAL - the only newspaper serving the global orthopaedic community. The primary focus is news coverage of the latest studies and newest techniques in orthopaedic surgery presented at scientific meetings throughout the world. In addition, ORTHOPAEDICS TODAY INTERNATIONAL features interviews with and columns by orthopaedic surgeons responsible for breakthroughs in the treatment of musculoskeletal diseases and conditions. Sign-up for our news wire at ORTHOSuperSite.com.

COMPANY INFO:

6900 Grove Road
8086 Thorofare
USA
Tel. +1 856 8481000, Fax +1 856 8486091
www.slackinc.com

**ORTHOsoft INC.
BOOTH # B203**

PROFILE:

ORTHOsoft Inc. founded in 1995, develops and markets best-in-class medical software, instruments and computerized systems to assist orthopaedic surgeons to increase accuracy in hip, knee and spine implant surgery. FDA cleared, ORTHOsoft's patented software solutions are developed by surgeons for surgeons, resulting in intuitive and easy-to-use navigation that tracks surgical flow and provides surgeons with real-time data that helps to improve the surgical process and patient outcomes.

As a pure-play provider of computerized systems to guide orthopedic surgeries, the company is developing a complete line of software applications, hardware equipments and disposable instruments to help orthopedic surgeons to achieve significant improvement of patient outcomes, leading to faster recovery, shorter hospital stay and better quality of life.

COMPANY INFO:

75 Queen Street, Suite 3300
H3C2N6 Montreal, QC code
Canada
Tel. +49 (0)171 2889501, Fax +49 (0)731 38900804
andreas.wenzler@orthosoft.ca
www.orthosoft.ca

**OSTEOTECH
BOOTH # F106**

PROFILE:

Osteotech is a global leader in the processing of human bone and tissue for transplantation. Through deployment of innovative technology, Osteotech sets the standard for osteobiologics worldwide. Providing full line bone grafting options, Osteotech's technology is in products such as, Grafton® DBM, Graftech® BioImplants, Xpanse™ Bone Inserts and Plexur™ Biocomposites.

COMPANY INFO:

51 James Way
07724 Eatontown
USA
Tel. +1 732 5446211, Fax +1 732 5786688
auerbach@osteotech.com

**PARAGON MEDICAL EUROPE
BOOTH # B104**

PROFILE:

Paragon Medical is a single source turnkey supplier for custom and standard surgical instrumentation, implantable components and cases & trays to the worldwide medical device marketplace, with a concentration in the hip, knee, spine, trauma, and sports medicine disciplines.

Major process capabilities include: multi-axis, CNC grinding, CNC turning, CNC milling wire EDM, prototyping, packaging, thermoforming, injection molding, metal fabrication, and polymer sheet extrusion. Paragon is experienced with stainless steels, cobalt chrome, titanium, nitinol, and engineered polymers such as Radel R®, Ultem®, Celcon®, UHMW, PEEK, and acetal.

Office and production facilities are located throughout the United States and in Europe.

COMPANY DESCRIPTIONS AND ADDRESSES

COMPANY INFO:

Avenue de l'Avante-Poste 4
CH-1005 Lausanne
Switzerland
Tel. +41 21 3203785, Fax +41 21 3203786
internationalinfo@paragonmedical.com
www.paragonmedical.com

PERMEDICA SPA BOOTH # D202

PROFILE:

Located in the hills outside of Lake Lecco in Northern Italy, Permedica is devoted to promoting continuous growth and innovation within the orthopaedic community by expanding into a fully independent company of innovative, cutting edge reconstructive orthopaedic devices. Dedicated, focused, and talented young employees enable Permedica to respond rapidly to market changes and requirements. Commitments to excellence in R&D, manufacturing and marketing of leading edge joint replacement products are the basis for the company's future expansion. We project, develop, manufacture, and distribute superior products and services to our customers. Permedica provides leading edge medical implant devices designed to help the healthcare professional meet the growing needs of the orthopaedic industry.

COMPANY INFO:

Via Statale 6
23807 Merate (LC)
Italy
Tel. +39 039 9906795, Fax +39 039 9903078
info@permedica.it

PETER BREHM GMBH BOOTH # B801

PROFILE:

"If you stop improving, you stop being the best!"

The company Peter Brehm GmbH puts its emphasis on providing high quality hip revision, spine and knee prostheses with the best possible service for the benefit of surgeons in the operation theatre, as well as for the patients with long-term excellent results. Being a market leader in the Modular Revision Hip Surgery in Germany, this innovative high-tech and high-end implant and

medical device manufacturer can also provide a variety of other excellent quality implants in orthopaedics and traumatology.

COMPANY INFO:

Am Mülberg 30
D-91085 Weisendorf
Germany
Tel. +49 9135 7103 49, Fax +49 9135 7103 45
thomas.kraus@peter-brehm.de
www.peter-brehm.de

PLUS ORTHOPEDICS AG BOOTH # C300

PROFILE:

"Joint action improves mobility." Based on this philosophy, Plus Orthopedics has been pursuing an ambitious goal since 1991, and quite clearly the company has been highly successful in doing so. Since 1991, the internationally active company has developed, manufactured and sold implant systems for hip, knee, shoulder, small joint replacement and computer assisted surgery / navigation systems. Over 850 staff are employed worldwide, of which 320 in the head office, research, development and production in Switzerland. Products of Plus Orthopedics are distributed by 13 international subsidiaries in Europe, USA and Asia as well as several exclusive distribution partners around the globe.

COMPANY INFO:

Erlenstrasse 4a
6343 Rotkreuz
Switzerland
Tel. +41 41 7984111, Fax +41 41 7984100
n.kaelin@plusorthopedics.com

PRECIMED SA BOOTH # A604

PROFILE:

Global manufacturer and developer of orthopedic products and full delivery systems.

Particular focus is placed on facilitating surgical technique, increasing surgical precision, improving instrument handling and reducing the risk of contamination.

Global headquarter in Switzerland. Facilities in Europe, USA, Japan, Asia.

445 employees worldwide, 20,000 square meters of manufacturing capacity, over 20 years of industry experience. Featured: MIS, Ratchet, Torque Limiter, Trays and the next generation in acetabular reamers.

COMPANY INFO:

L'Echelette 7
CH-2534 Orvin
Switzerland
Tel. +41 32 3580111, Fax +41 32 3580100
f.aeberli@precimed
www.precimed.com

REGENERATION TECHNOLOGIES INC.

BOOTH # E107

PROFILE:

Regeneration Technologies, Inc. processes allograft and xenograft tissue into shaped implants for use in spinal, orthopedic and other surgeries. RTI developed the BioCleanse® Tissue Sterilization Process, the only proven tissue sterilization process validated to eliminate viruses, bacteria, fungi and spores from tissue without impacting the structural or biomechanical integrity of the allograft.

COMPANY INFO:

11621 Research Circle
32615 Alachua, FL
USA
Tel. +1 386 4188888, Fax +1 386 4621837
espeichert@rtix.com
www.rtix.com

RSA BIOMEDICAL

BOOTH # E207

PROFILE:

We offer UmRSA® - a complete system for RSA® measurements in three dimensions with high precision and accuracy.

We also offer mdesk™ orthopaedics, a measurement and preoperative planning system including templating in a digital environment.

COMPANY INFO:

Tvistevagen 47
C-907 19 Umeå
Sweden
Tel. +46 90 154943, Fax +46 90 154932
info@rsabiomedical.com
www.rsabiomedical.com

SAMO SPA

BOOTH # D400

PROFILE:

Seventy years old. A fund of experience under its belt sets SAMO among the leading companies for development, manufacturing and marketing of orthopaedic products. SAMO is present in hospitals and in operating rooms all over the world, and for forty years it has been focussing on developing joint reconstruction implants and internal fixation products. Meanwhile the company aims to offer steadily the best technologies and the best service to the professionals who operate and implant our products. This is why SAMO can be considered as a reference among the companies working in the orthopaedic market.

For almost seventy years SAMO has been helping people all over the world to recover the simple daily gestures that complete their life.

COMPANY INFO:

Via Matteotti 37
40057 Granarolo (BO)
Italy
Tel. +39 051 763811, Fax +39 051 766060
info@samobiomedica.com
www.samobiomedica.com

SANATMETAL LTD

BOOTH # F204

PROFILE:

Sanatmetal Ltd. is a ce-marked manufacturer of orthopaedic and traumatology implants and instruments.

Its 10.000 kinds of products include patented intramedullary nailing systems without x-ray, flexible spinal systems, hip prostheses, external fixators, plates and screws.

COMPANY INFO:

Faskiola, 5
3300 Eger
Hungary
Tel. +36 36 512914, Fax +36 36 512932
metal@sanatmetal.hu
www.sanatmetal.hu

SAWBONES EUROPE AB BOOTH # B101

PROFILE:

For over three decades, Sawbones, the originators of "hands-on" workshop models, continues to be the leader in medical models for orthopaedic and medical education. Sawbone models have been specifically developed for use in motor skills exercises where a realistic artificial anatomical model is required for the "hands-on" teaching of surgical procedures. We also have the experience and knowledge to customize models after your specific needs. Please do contact us and we will find a solution.

COMPANY INFO:

Krossverksgatan 3
S-216 16 Malmö
Sweden
Tel. +46 40 6507000, Fax +46 40 6507001
info@sawbones.se
www.sawbones.com

SBOT - SOCIEDADE BRASILEIRA DE ORTOPEDIA E TRAUMATOLOGIA BOOTH # G105

PROFILE:

The SBOT - Brazilian Orthopaedic and Traumatology Association was founded in 1935. It is a Scientific Association without profitable possessions and it has 8000 members. The main purpose is to promote and have the responsibility in Specialists Formation and to provide conditions for your permanent update, inform of education, research and servant education. The main activities to develop are: Research and Servant Education, Periodical Congress and Professional Defense.

COMPANY INFO:

Alameda Lorena 427 - 14o andar
01424-000 São Paulo
Tel. +55 11 21375400, Fax +55 11 21375418
eventos@sbot.org.br

SCANDINAVIAN CUSTOMIZED PROSTHESIS BOOTH # A104

PROFILE:

Scandinavian Customized Prosthesis (SCP) has today 10 years of clinical experience with the unique® custom femoral stem. The component is especially developed for THA among patients with abnormal morphology in the femoral canal. Precise 3D-modelling of the femur makes it possible to obtain an exact fit of the stem to proximal endocortical bone. Additionally, it's easy to reconstruct the biomechanics of the hip joint by individual design of the neck. The concept also includes a state of the art digital system for pre-operative planning. Implantation of a unique® stem provides a more predictable surgical procedure in difficult cases in THA.

COMPANY INFO:

MTFS Olav Kyrres Gate 3
N-7489 Trondheim
Norway
Tel. +47 73 598914, Fax +47 73 598935
terje.johnsen@scp.no

SFMT EUROPE BOOTH # D108

PROFILE:

The X-STOP® Interspinous Process Decompression (IPD®) System, is a minimally invasive implant system designed to treat degenerative lumbar spinal stenosis (LSS). Clinically, the X-STOP® System achieves efficacy comparable to decompressive laminectomy with and without fusion, while offering a low complication rate. Compared to non-surgical management, the X-STOP® Procedure has been shown to provide superior patient results. Biomechanically, the X-STOP® System prevents spinal canal narrowing, reduces disc pressure, decreases loading to the facets and limits extension.

The X-STOP® Procedure is a revolutionary alternative to the common procedures performed today for lumbar spinal stenosis, degenerative disc disease and spondylolisthesis.

COMPANY INFO:

Hoofdstraat 248
3972 LK Driebergen
The Netherlands
Tel. +31 (0) 343523890
info@sfmtteurope.com
www.sfmtteurope.com

**SICOT A.I.S.B.L. – SOCIÉTÉ INTERNATIONALE DE CHIRURGIE ORTHOPÉDIQUE ET DE TRAUMATOLOGIE
BOOTH # F103**

PROFILE:

La Société Internationale de Chirurgie Orthopédique et de Traumatologie.

The International Society of Orthopaedic Surgery and Traumatology.

SICOT is an international not-for-profit association incorporated under Belgian law 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. In September 2005, in Istanbul, it celebrated its 75th anniversary. It is the only truly global society of orthopaedic surgeons with some 3,000 members from more than 100 countries around the world.

COMPANY INFO:

Washington 40 b-9
1050 Brussels
Belgium
Tel. +32 2 6486823, Fax +32 2 6498601
i.desloges@sorelcomm.ca

**SIOT – SOCIETÀ ITALIANA DI ORTOPEDIA E TRAUMATOLOGIA
BOOTH # F108**

PROFILE:

The Italian Society of Orthopaedics and Traumatology was founded in Rome in 1892. Among the fathers of this society are to be remembered Prof. Putti and Prof. Delitala.

Actually there are 4,700 members in good standing and 25 affiliated Specialty Societies.

The Italian Orthopaedic School formed several generations of orthopaedic surgeons from all over the world.

In the last decades many Italian orthopaedic surgeons have acquired international notoriety for their scientific contributions in the most important sectors of Orthopaedics and Traumatology.

The Society's mission is to promote the continuous education of its members through the sponsorship of the more relevant Congresses and the organization of Masters and Seminars.

The official publications of the Society are the "Giornale Italiano di Ortopedia e Traumatologia" and the "Journal of Orthopaedics and Traumatology".

COMPANY INFO:

Via Nicola Martelli, 3
00197 Roma
(Italy)
Tel. +39 06 80691593, Fax +39 06 80687266
segreteria@siot.it
www.siot.it

**SMITH & NEPHEW
BOOTH # E500**

PROFILE:

Smith & Nephew develops and markets advanced medical devices that help healthcare professionals treat patients more effectively – and patients get back to their normal lives faster. Our dedicated Global Business Units – Orthopaedic Reconstruction, Orthopaedic Trauma & Clinical Therapies, Endoscopy and Advanced Wound Management – specialise in innovative, cost-effective products that meet pressing healthcare needs.

We stay ahead in our markets through substantial investment in our products, research and development and through our close, long-term relationships with customers.

COMPANY INFO:

Technologielaan 11bis
B-3001 Heverlee – Leuven
Belgium
Tel. +32 (0) 16 301410, Fax +32 (0) 16 301411
jotheunissen@smith-nephew.com
www.smith-nephew.com

COMPANY DESCRIPTIONS AND ADDRESSES

SODEM DIFFUSION SA / SOPLUS **BOOTH # G605**

PROFILE:

SO+, the new brand of Sodem Systems of Geneva, announces its new Universal system of power tools based on a single handpiece powered by battery and electric, AC adapter or compressed air, and a comprehensive range of interchangeable attachments for applications in large bone, reconstructive, trauma and sports surgery. What sets the SO+ system apart is its advanced technology: high-power, brushless, sensorless, electronically-controlled electric motors for extra power and reliability; powerful, silent, low-maintenance pneumatic in-line ceramic motors; and 18-volt, high-capacity lithium-ion rechargeable, autoclavable batteries. The SO+ comprehensive range of products includes as well the Sodem high speed system line dedicated to neuro, spine and revision surgeries.

COMPANY INFO:

Chemin Du Pont Du Centenaire 110
CH-1228 Geneva
Switzerland
Tel. +41 22 7949696, Fax +41 22 7944546
yves.mathieu@soplus.ch
www.soplus.ch

SPORLASTIC GMBH **BOOTH # F202**

PROFILE:

Manufacturer of orthopedic soft goods and braces.

COMPANY INFO:

Weberstrasse 1
D-72622 Nürtingen
Germany
Tel. +49 70 22705181, Fax +49 70 22705113
info@sporlastic.de
www.sporlastic.de

SPRINGER **BOOTH # E104**

PROFILE:

Springer is a leading publisher of orthopedics journals and books. Stop by booth E 104 to browse our content-rich selection of high-

ly read and cited peer-reviewed journals and practical books that deal with the most current applications in orthopedic surgery.

COMPANY INFO:

Tiergartenstasse 17
69121 Heidelberg
Germany
Tel. +49 (0)62 214870, Fax +49 (0)62 214878366
www.springer.com

STRYKER EMEA **BOOTH # C400**

PROFILE:

Stryker is a leader in the worldwide orthopaedic market and is one of the world's largest medical device companies. Stryker delivers results through a wide range of capabilities including joint replacements, trauma, spine and micro implant systems, orthobiologics, powered surgical instruments, surgical navigation systems, endoscopic product as well as patient handling and emergency medical equipment.

Our philosophy: we believe results speak louder than words.

COMPANY INFO:

Cité-Centre, Grand Rue 90
1820 Montreux
Switzerland
Tel. +41 21 9661201, Fax +44 21 9661200
www.strykereurope.com

SYMBIOS ORTHOPÉDIE SA **BOOTH # B207**

PROFILE:

Manufacturing, marketing and sales of orthopaedic implants (hips and knees).

COMPANY INFO:

Avenue des Sciences 1
1400 Yverdon-Les-Bains
Switzerland
Tel. +41 24 4242626, Fax +41 24 4242627
fple@symbios.ch
www.symbios.ch

SYNBONE AG
BOOTH # A103

PROFILE:

SYNBONE is a Swiss company that produces the most realistic and innovative anatomical teaching models for trauma, orthopaedic and prosthesis surgery. With more than 300 models to choose from, you have access to the most appropriate and cost-effective products of the highest quality. Our new torso models enhance our already complete product line of single or multi-bone models, fractured or intact. For more information visit our web-site at www.synbone.com.

COMPANY INFO:

Neugutstrasse 4
7208 Malans
Switzerland
Tel. +41 81 3000284, Fax +41 81 3000289
simone.scholl@synbone.ch
www.synbone.com

SYNIMED
BOOTH # G502

PROFILE:

Synimed is an integrated manufacturer, specialized in the production of orthopaedic materials and accessories. Currently the company exports its products to all five continents.

Its product portfolio includes:

- Acrylic bone cements.
- Cranioplasty cements.
- Mixing and delivery systems.
- Vertebroplasty cements and application sets.
- Temporary spacers.
- Spine systems.

COMPANY INFO:

Zone Artisanale de L'Angle
19370 Chamberet
France
Tel. +33 55 5983138, Fax +33 55 5983576
gguitelman@synimed.com
www.synimed.com

SYNTHE GMBH
BOOTH # B500

PROFILE:

Synthes. Dedicated to health.
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.

COMPANY INFO:

Eimattstrasse 3
4436 Oberdorf
Switzerland
Tel. +41 61 9656825, Fax +41 61 9656607
gehrig.milagro@synthes.com

TAKIRON CO. LTD
BOOTH # D105

PROFILE:

Since its founding as a celluloid manufacturer in 1919, Takiron has been developing and releasing numerous high-quality products based on leading-edge technologies to satisfy a growing range of needs that has kept pace with the expansion of industrial trends. As medical technology advances, higher levels of precision and performance are required for materials used in medical equipment. Takiron has long been developing various products in this field making use of its many years of experience in high-molecular processing technology. We are committed to advance the research and development of high-molecular biomaterials and medical engineering.

COMPANY INFO:

Azuchimachi, Chou-Ku, 3-13-2 Chome
541-0052 Osaka
Japan
Tel. +81 06 62672809, Fax +81 06 62672801
numamori@takiron.co.jp

TAVA SURGICAL **BOOTH # F702**

PROFILE:

Tava Surgical has been a market leader in the world of medical manufacturing. We carry a complete line of surgical power accessories including rotary cutters and surgical saw blades for use by orthopaedic surgeons.

COMPANY INFO:

1 Brasseler Blvd.
31419 Savannah, GA
USA
Tel. +1 912 9258528, Fax +1 912 9217568
suedenitto@brasselerusa.com
www.brasselerusa.com

TECRES S.P.A. **BOOTH # F701**

PROFILE:

Tecres is an Italian company with a twenty-years experience as manufacturer of bone cements for orthopaedics. Tecres bone cements, under the trademark of CEMEX, 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 two-stage septic revision. Available for hip, knee, shoulder and elbow.

Tecres has also developed innovative products for cranioplasty and vertebroplasty.

COMPANY INFO:

Via A. Doria, 6
37066 Sommacampagna (VR)
Italy
Tel. +39 045 9217311, Fax +39 045 9217330
alessandra.pietropoli@tecres.it
www.tecres.it

TISSUELINK MEDICAL **BOOTH # B103**

PROFILE:

TissueLink Medical's the Aquamantys™ System, the latest innovation based on TissueLink's patented bipolar radio-frequency, saline-coupled technology. The Aquamantys System provides a cost-effective alternative for reducing operative blood loss and its use has been shown to significantly reduce the need for allogeneic or autologous blood transfusion following total joint replacement or instrumented spine procedures. Stopping blood loss just got simpler.

COMPANY INFO:

1 Washington Centre, Suite 400
3820 Dover, NH
USA
Tel. +1 603 7421515, Fax +1 603 7421488
customerservice@tissuelink.com
www.tissuelink.com

TORNIER **BOOTH # G604**

PROFILE:

TORNIER is an international company specializing in the design, manufacturing, and distribution of reconstructive orthopaedic implants. Tornier globally provides a wide range of unique orthopaedic products, through facilities located in Europe, North America, South America, Asia, Australia.

The TORNIER product portfolio includes:

- The AEQUALIS® Shoulder Range
- The HLS Knee Range
- Various hip solutions, with the LINEA Range, Meije Duo Range... (femoral stems & acetabular components)
- The elbow prostheses including the CRF Prosthesis (Radial Head Prosthesis, and the Latitude® Total Elbow Prosthesis
- The Salto Total Ankle Prosthesis
- Innovative Hip and Knee Navigation Systems.

COMPANY INFO:

Rue Lavoisier - Montbonnot 161
38334 Saint Ismier Cedex
France
Tel. +33 47 6613899, Fax +33 47 6613559
nathalie.jean@tornier.com
www.tornier.com

**TRB - CHEMEDICA INTERNATIONAL SA
BOOTH # B903****PROFILE:**

TRB Chemedica is a Swiss pharmaceutical/medical device company that specialises in sodium hyaluronate based products. Our orthopaedic/rheumatology line consists of the following products: Viscoseal® is a 0.5% solution of sodium hyaluronate intended for use as a post arthroscopic synovial fluid substitute.

Ostenil® is a course of 3-5 weekly injections (2 ml) of 1% sodium hyaluronate indicated for the symptomatic treatment of osteoarthritis.

Ostenil® mini is a course of 1-3 weekly injections (1 ml) of 1% sodium hyaluronate indicated for the symptomatic treatment of osteoarthritis of the small joints.

COMPANY INFO:

Rue Michel-Servet
12 P.O. Box 352
1211 Geneva 12
Switzerland
Tel. +41 22 7034900, Fax +41 22 7034901
international@trbchemedica.com

**TSF - TRANSPLANT SERVICES FOUNDATION
BOOTH # F105****PROFILE:**

Transplant Services Foundation (TSF) is a non profit welfare foundation with scientific aims; it was established on the 1st February 1994 by the Hospital Clinic I Provincial de Barcelona with the purpose of promoting the tissue transplants. With the social seat in Barcelona, TSF is dedicated to facilitate the obtaining, preservation and distribution of the donor tissues to all those national and international sanitary institutions legally recognized to need its services to offer the transplant to all the possible receivers who

need it. Our Multi-Tissue banking offers allografts like Freeze Dried Bone, Demineralized Bone matrix and others as well, to the specialist for their procedures.

COMPANY INFO:

Mejia Lequerica 1 Helios III
08028 Barcelona
Spain
Tel. +34 93 2275636, Fax +34 93 2275635
jbriones@clinic.ub.es
www.tsf.cat

**TUTOGEN MEDICAL GMBH
BOOTH # G601****COMPANY INFO:**

Industriestrasse 6
91077 Neunkirchen
Germany

**VAN STRATEN MEDICAL
BOOTH # F607****PROFILE:**

Van Straten Medical, The Netherlands, is a family-owned company and founded in 1975. The company has 6 divisions, own subsidiaries as well as ownership in a production facility (Medinorm). The international product portfolio consists of:

- orthopaedic implants such as total knee & total ankle replacement;
- blood management products such as blood reinfusion system (patients own blood);
- dental implants;
- wound drainage systems.

COMPANY INFO:

Edisonbaan 20 & 23
3430 Nieuwegein
The Netherlands
Tel. +31 30 6023830, Fax +31 30 6023833
nielsvanstraten@vanstratenmedical.com
www.vanstratenmedical.com

WALDEMAR LINK GMBH & CO. KG **BOOTH # B700**

PROFILE:

LINK: More than 50 years in endoprosthesis 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, the femoral-neck-preserving LINK® C.F.P. Hip Stem and the LINK S.T.A.R.® Total Ankle Prosthesis. 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.

COMPANY INFO:

Barkhausenweg, 10
22339 Hamburg
Germany
Tel. +49 40 539950, Fax +49 40 5386929
sabrina.voss@linkhh.de
www.linkhh.de

WICHTIG EDITORE SRL - HIP INTERNATIONAL **BOOTH # F104**

PROFILE:

Wichtig Editore started its activity in 1977, publishing the International Journal of Artificial Organs, to which other important medical peer-reviewed publications were added. The Editorial Boards of all Wichtig Editore's publications acknowledge the most important and well known specialists in their area of interest, and it is also thanks to all their contributions that Wichtig Journals are widely read and appreciated around the world. Most of its publications are indexed into important bibliographic databases. Wichtig Editore publishes Hip International, Official Journal of the European Hip Society a most detailed publication dealing with hip surgery.

COMPANY INFO:

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20135 Milano
Italy
Tel. +39 02 55195443, Fax +39 02 55195971
lucia.steele@wichtig.it
www.wichtig-publisher.com

WISEPRESS **BOOTH # B902**

PROFILE:

Wisepress Bookshop is pleased to present a display of titles selected especially for the 8th EFORT Congress from the world's leading publishing houses. All titles can be bought or ordered either at the congress, or via our website: www.wisepress.com. We can also order free sample copies of the journals on display and take subscription orders. Whatever your book requirements, Wisepress will be happy to help - whether you are an author seeking a publisher or having difficulty obtaining a title, our professional staff will assist you.

COMPANY INFO:

High Path 25
SW19 2JL London
UK
Tel. +44 208 7151812, Fax +44 208 7151722
enquiries@wisepress.com
www.wisepress.com

WRIGHT MEDICAL EMEA **BOOTH # B302**

PROFILE:

Wright Medical is a global orthopaedic medical device company specialising in the design, manufacture and marketing of reconstructive joint devices and biologics.

COMPANY INFO:

Krijgsman 11
1186 DM Amstelveen
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Tel. +31 205 450100, Fax +31 205 450109
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www.wmt.com

ZIEHM IMAGING GMBH
BOOTH # F207

PROFILE:

Being the market leader in Germany, Ziehm Imaging is the fastest growing mobile C-arm manufacturer worldwide providing innovative imaging solutions for healthcare. The company is headquartered in Nuremberg, Germany and has international competence centers with R&D, Marketing, Sales and Service in Riverside (USA) as well as in Reggio (Italy), Singapore (Singapore), Järvenpää (Finland) and Yekaterinburg (Russia). Employing 250 people worldwide and operating in more than 40 countries, 80% of Ziehm Imaging's products are younger than two years. For more information visit www.ziehm.com.

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www.ziehm.com

ZIMMER GMBH
BOOTH # B600

PROFILE:

Zimmer is the worldwide # 1 pure-play orthopaedic company in designing, developing, manufacturing and marketing reconstructive, spinal, dental and trauma implants and related surgical products. Zimmer is leading the way in Minimally Invasive Surgery with Zimmer's Minimally Invasive Solutions, new applications such as Trabecular Metal Technology and the Gender Solutions High Flex Knee, the first knee replacement to fit a woman's anatomy. With operations in 25 countries around the globe Zimmer sells products in more than 100 countries. The company is supported by the efforts of 6700 employees worldwide. In Winterthur at the EMEA Headquarters more than 800 persons work in the field of R&D, manufacturing and various management functions.

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