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¹ Hofmann A et al. 10- to 14-Year Clinical Followup of the Cementless Natural-Knee System. Clin Orthop, 388:85–94, 2001; ² Hospital for Special Surgery; ³ Range of Motion.

MESSAGE FROM THE PRESIDENT OF EFORT



George Bentley
President of EFORT

Dear Participants,

EFORT has developed greatly with 37 National Societies and 36'000 members since the 1st Congress in Paris in 1993. We return to southern Europe for the 7th Congress to be held in Lisbon from 4 - 7 June 2005. The Executive Committee of EFORT and the local Portuguese Organising Committee (SPOT) welcome you to the beautiful city of Lisbon with its great maritime history, wonderful antiquities, excellent modern facilities and delightful climate.

The EFORT Congress will be immediately preceded by the EORS (European Orthopaedic Research Society) Congress. Also the Specialty Societies will be very active so that the Scientific Programme will be more full and exciting than ever before. EFORT is deeply grateful to Professor Karl-Göran Thorngren and his team for assembling such an impressive and varied programme with something for all colleagues whatever their interest taken from a record number of scientific submissions.

The Social Programme will be especially entertaining providing opportunities to enjoy Portuguese food and wine, culture and hospitality.

Throughout the planning and the organisation of the congress, the excellent work of Gabriella Skala, Chief Executive Officer, Jann Fraitag, Portal Manager, Sabine Weber, Secretary and Pietro Francesco Weber, Trainee of the EFORT Central Office has been absolutely invaluable.

Particular thanks go from EFORT to the Chairman of the Organising Committee Dr. Manuel Cassiano Neves as well as Cristina Camilo for their tireless work and planning and also to the local PCO organiser Luisa Marques and Isabel Silvestre.

Lisbon offers a unique opportunity for an outstanding scientific and recreational experience.

We look forward to greeting you in June.

A handwritten signature in black ink, appearing to read "G. Bentley".

George Bentley
President of EFORT

MESSAGE FROM THE CHAIRMAN OF THE LOCAL ORGANISING COMMITTEE



Manuel Cassiano Neves
Chairman of the Local Organising Committee

Dear Colleagues

It is a privilege for the Portuguese Society of Orthopaedics and Traumatology (SPOT) to host in Lisbon the 7th EFORT biannual congress. The federation has been growing since the first meeting in Paris under the premise of improving the orthopaedic knowledge of their members and we sincerely hope that Lisbon can make a big step or can be a stepping stone towards this goal.

The Executive, Scientific and Local Organising Committees, they all have been working with the intent of producing an outstanding scientific meeting. It would not be possible to accomplish this task without the help of you, not only as a participant but also as a presenter. Lisbon had a record of 3'800 abstracts sent in. The quality of most of the material received made our choices very difficult and produced an enormous amount of work for the reviewers. Our first acknowledgment goes to all the people involved in this process (presenters and reviewers) since they are the very core / essence of the meeting.

The Symposia and Instructional Course lectures are also part of the programme and enhance the scientific content. For the first time there will be five interactive symposia with the participation of the audience. EFORT is proud to have such cooperation of colleagues from the 37 National Societies members of the federation. The Industry is going to be present in a significant way and contributed also with different symposia and workshops for the success of the scientific programme.

The Local Organising Committee expects Lisbon not only to be a scientific meeting but also a get together town. The Social Programme, and the Lisbon night in particular, has the intention of showing not only the Portuguese culture but also the hospitality and warmth of our country.

Enjoy the meeting and most of all enjoy your friends.

A handwritten signature in black ink, appearing to read "manuel cassiano neves".

Manuel Cassiano Neves
Chairman of the Local Organising Committee

MESSAGE FROM THE CHAIRMAN OF THE SCIENTIFIC COMMITTEE



Karl-Göran Thorngren
Chairman EFORT Scientific and Educational Committee

Dear Colleagues

Welcome to a great scientific experience at the 7th EFORT Congress in Lisbon presented to you by your colleagues. The contents cover both broad and deep aspects in the field of musculoskeletal trauma and disease. You have submitted 3'800 abstracts via the new webbased abstract handling system. I want to thank all the Scientific Advisers and the members of the Scientific Committee and especially the Congress President Manuel Cassiano Neves for all their hard and dedicated work with the programme.

The scientific committee has decided to have a programme of 12 parallel sessions, which is four less than at the previous congress in Helsinki in spite of considerably more submissions. The great collaborative effort to select among all these contributions for free papers and posters have been described in EFORT's Newsletter volume 3 in April 2005. All contributions have independently been graded as blinded copies by two scientific advisors. Due to the high amount of submissions the poster session has been divided into 24-hour exposures with shifting in the lunch breaks. There will be electronic access to the posters during the whole meeting.

The 38 symposia, including 6 pro- and con symposia (cross-fire) and the 21 instructional course lectures have been selected by the scientific committee based on suggestions from the national associations. Special thanks go to Roger Lemaire who has handled the instructional course lectures.

We all who have been involved in the preparation of the programme hope that you will enjoy a fruitful congress, exchange scientific facts, share experience and build up awareness of future trends. Furthermore the pleasant Lisbon will guarantee perfect surroundings for your scientific work.

A handwritten signature in black ink, appearing to read "Karl-Göran Thorngren".

Karl-Göran Thorngren
Chairman EFORT Scientific and Educational Committee

MESSAGE FROM THE PRESIDENT OF THE PORTUGUESE REPUBLIC



Dr. Jorge Sampaio
President of the Portuguese Republic

Translation of the letter from the President of the Republic :

I want to congratulate the Portuguese Society of Orthopaedics and Traumatology for the organization of this Congress in Portugal, and wish all the participants, especially those visiting, that they may encounter the best possible working conditions.

The question of access to health care constitutes the main problem in many of our countries. It is not the quality of the healthcare or of the professionals which most upsets and penalizes our citizens. The major problem has to do with the actual scheduling of an appointment at the health care centres or surgeries at the hospital.

The issue of access leads us to its related problems. The most important of which is the information necessary for the citizen to make their choice confidently.

Health is an essential area where knowledge about the disease, the alternative treatments, as well as their technical quality, is fundamental for the patient, but naturally limited. Then it becomes an obligation of the governments, as well as the institutions and the healthcare professionals to make an effort to provide this information, and make it easily accessible and understandable to all. On the other hand, expectations are high that medical progress will be shared globally.

Your Federation represents the fundamental link towards the democratization of the access to scientific progress and medical care.

I renew my wish that the outcome of this Congress may allow us to take new steps in this direction and that the representatives of the countries who are visiting us might enjoy a pleasant stay in Portugal.

Com amigos saudades
Lisbon, 21 de Abril 2005
Jorge Sampaio

Dr. Jorge Sampaio
President of the Portuguese Republic



Lisbon, Portugal's bright capital, also known as the city of the Seven Hills, spreads along the north bank of the River Tagus, only one step away from the Atlantic Ocean. It is the westernmost city in continental Europe. Greater Lisbon has an area of approximately 1'000 km² with a population of 3 million.

Being one of the few European capitals with both a river and an open frontier to the Atlantic, Lisbon witnessed, in the 15th and 16th centuries, the departure of the caravels, which "Gave New Worlds to the World" - a golden era known as the "Age of Discovery".

This is why there are many important "Manueline" architectural style monuments, named after King Manuel I, with its typical use of maritime decorative motifs, shining in the light of Lisbon and its surrounding region, such as the Tower of Belém and the Monastery of Jerónimos. The modern leisure area of the "Parque das Nações" proves that Lisbon still maintains its close links with the river today. Here, for example, you will find the distinctive mark of the renowned architect Álvaro Siza Vieira on one of the buildings that hosted the last world exposition of the 20th Century, dedicated to the oceans. In contrast to this, do not miss the picturesque medieval quarters of "Alfama" and "Mouraria", above which stands

Saint George's castle. This castle, matched by the quarter of "Bairro Alto" on the other hill, leads down to the downtown city centre known as the "Baixa Pombalina".

Lisbon is also at the centre of a region rich in diversity. Just outside the city are the seaside resort of Estoril and the romantic hills of the mountain of Sintra, where the perfect bond between palaces and nature led to its classification as a World Heritage Site.

It is the sea, the climate and the stunning nature that give this region its peculiar energy. Its many parks and nature reserves, encourage visitors to spend time in the open air, enjoying the peace and quiet of a round of golf or an exciting surfing experience.

Perhaps this is why Lisbon is a city that is full of life. Here people have an exuberant party spirit, doing things spontaneously for the sheer pleasure of spending time in the company of others.

Welcome to Lisbon

CONGRESS VENUE AT THE CONGRESS CENTER OF LISBON



LISBON CONGRESS CENTER

The 7th EFORT Congress will take place at C.C.L - Congress Centre of Lisboa. Overlooking the Tagus River, in a prestigious area of the city (in Junqueira/Belém historical quarter), the Congress Centre is located about 20 minutes from Lisbon International Airport and 10 minutes from the main hotels in the city.

CCL - Centro de Congressos de Lisboa

Praça das Indústrias

1300-307 Lisboa

Tel.: + 351 (21) 360 14 00, Fax. + 351 (21) 363 94 50

e-m: lisboacc@aip.pt, www.aip.pt/congress

COLLECTION OF REGISTRATION DOCUMENTS

The registration desks are located at the main entrance of the Congress Centre and will be open at the following hours:

Thursday, 2 June 2005 from 9 am to 6 pm

(for EORS participants only)

Friday, 3 June 2005 from 9 am to 6 pm

Saturday, 4 June 2005 from 7 am to 6 pm

Sunday, 5 June 2005 from 7 am to 6 pm

Monday, 6 June 2005 from 7 am to 6 pm

Tuesday, 7 June 2005 from 7 am to 2 pm

NAME BADGES

All participants, accompanying persons and exhibitors must wear the congress identification badge at all times throughout the Congress and evening functions. No admittance can be granted if the name badge is not worn clearly visible.

INDUSTRIAL EXHIBITION

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 Halls 1, 2 and 4 of the Congress Centre, and is open from Saturday, 4 June to Monday, 6 June from 9 am to 6 pm.

INTERNET CONNECTIONS

Workstations with internet connection will be available in the exhibition area (Hall 1 and Hall 4) during the opening hours of the exhibition. The participants are kindly requested to limit the time of internet usage to 5 minutes to allow this service to as many participants as possible. Should you rather use your personal computer, a wireless internet connection area will also be available on the 2nd floor of the Congress Centre.

LUNCH, COFFEE AND REFRESHMENTS

Lunch, coffee and refreshments are not included in the registration fee there are two restaurants and several snack areas in the Congress Centre as well as several restaurants within walking distance.

DISABLED PERSONS

The Lisbon Congress Center is well accessible for disabled persons. Kindly address any request for special assistance through the Congress Secretariat.



TRAVEL DESK

The official carrier, TAP-AIR Portugal will have a desk in the registration area. This travel desk will be open on Monday, 6 June 2005 from 09.00 - 17.00h.

PUBLIC TRANSPORTATION

An extensive network of 90 bus routes covers the entire city and outskirts. One of the quickest ways to travel in Lisboa is by underground, servicing almost the whole city, with stations nearby most hotels. Besides enjoying the comfort, you will be surprised when admiring true works of art in each station. For additional information, please go to www.metrolisboa.pt.

You cannot speak about public transportation in Lisboa without also mentioning the Tram. Having lost the importance of old times, it keeps the same fascination and is a symbol of the city. Finally, in the region of Lisboa, one of the most common means of transportation is the ferryboat (cacilheiro), used mainly to connect both sides of the river.

CAR PARKING

Lisbon Congress Centre offers large parking facilities for over 1.000 cars.

CLOAKROOM AND STORAGE

A cloakroom is situated in the ground floor adjacent to the main entrance.

INSURANCE

The organisers are not responsible for individual medical, travel or personal insurance. Participants and accompanying person(s) should arrange their own coverage.

CONGRESS LANGUAGE

The official Congress language is English. Please note that no simultaneous translation will be provided.

NON-SMOKING POLICY

Smoking is strictly prohibited during all meetings and sessions and in the exhibition halls at all times.

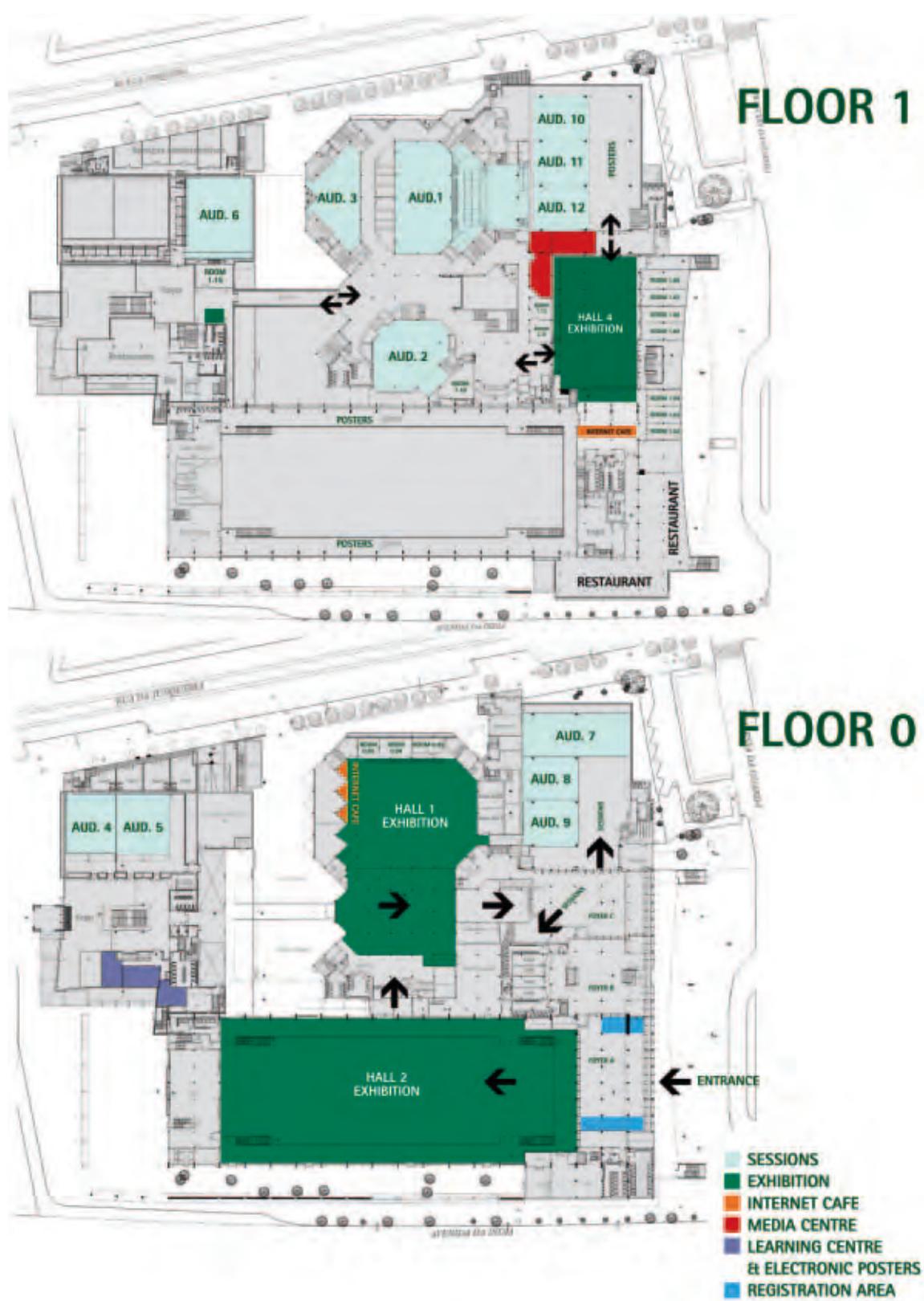
BANK SERVICES

ATM machines for cash withdrawals are spread all over the city. This service is also available at the Lisboa Congress Centre. A bank service is also available within 5 minutes walking distance from the congress centre.

CLIMATE AND CLOTHING

Lisboa has a moderate Atlantic climate. The average temperature in June is a mild 18 to 28°C. However, evenings can be chilly, so we recommend bringing along a light coat or a sweater.

FLOOR PLAN AT THE CONGRESS CENTER OF LISBON



HOTEL AND BUSES

 Bus Stops



Congress Centre

Bus Stop 1

(1) Fenix
(2) Marquês de Pombal

Bus Stop 2

(2) Altis
(3) Tivoli Lisboa
(4) Tivoli Jardim
(5) Sofitel

Bus Stop 3

(6) Dom Pedro

Bus Stop 4

(6) Meridien
(7) Ritz Four Seasons
(8) Amazônia

Bus Stop 5

(9) Sana Lisboa
(10) Miraparque

Bus Stop 6

(11) Sheraton
(12) Real Palácio
(13) Real Parque
(14) Marquês de Sá

Bus Stop 7

(15) Altis Park

Bus Stop 8

(16) Tivoli Tejo
(17) Tryp Oriente

Bus Stop 9

(18) Corinthia Alfa
(19) Açores Lisboa
(20) Sana Park Malhoa
(21) Novotel

Bus Stop 10

(22) Marriott
(23) Sana Metropolitan

Bus Stop 11

(24) Barcelona
(25) Holiday Inn Lisboa
(26) Holiday Inn Continental
(27) Villa Rica
(28) Vip Zurique

Bus Stop 12

(29) Lapa Palace

Bus Stop 13

(30) Radisson

Bus Stop 14

(31) Cascais Mirage

HOTELS AND BUSES IN LISBON

MAP	HOTEL	OFFICIAL CATEGORY	BUS STOP
HOTELS IN LISBON CITY			
1	Carlton Pestana Palace	5	WALK
2	Altis	5	2
3	Corinthia Alfa	5	9
4	Dom Pedro Lisboa	5	3
5	Lapa Palace	5	12
6	Le Meridien Park Atlantic	5	4
7	Ritz Four Seasons Lisboa	5	4
8	Sheraton Lisboa and Towers	5	6
9	Tivoli Lisboa	4	2
10	Açores Lisboa	4	9
11	Altis Park	4	7
12	Barcelona	4	11
13	Fenix Lisboa	4	1
14	Holiday Inn Lisboa	4	11
15	Holiday Inn Continental	4	11
16	Lisboa Marriott	4	10
17	Marquês de Pombal	4	1
18	Radisson	4	13
19	Real Palácio	4	6
20	Real Parque	4	6
21	Sana Lisboa	4	5
22	Sana Metropolitan Park	4	10
23	Sana Park Malhoa	4	9
24	Sofitel Lisboa	4	2
25	Tivoli Jardim	4	2
26	Tivoli Tejo	4	8
27	Vila Galé Ópera	4	WALK
28	Villa Rica	4	11
29	Amazônia Lisboa	3	4
30	Marquês de Sá	3	6
31	Miraparque	3	5
32	Novotel Lisboa	4	9
33	Tryp Oriente	3	8
34	Vip Zurique	3	11
HOTELS OUTSIDE LISBON CITY			
35	Cascais Mirage	5	14

ADDRESSES OF HOTELS

5 STAR HOTELS IN LISBOA

1. CARLTON PESTANE PALACE

Rua Jau 54
1300-314 Lisboa Portugal
Tel: + 351 21 361 5600
Fax:+ 351 21 361 5625
sales.cph@pestana.com

2. ALTIS

Rua Castilho, 11
1269-072 Lisboa Portugal
Tel.: + 351 21 310 60 00
Fax: + 351 21 310 62 62
reservations@hotel-altis.pt

3. CORINTHIA ALFA

Avenida Columbano Bordalo Pinheiro
1099-031 Lisboa Portugal
Tel: + 351 217 236 363
Fax:+ 351 217 236 364
alfa@corinthia.com

4. DOM PEDRO LISBOA

Avenida Engº Duarte Pacheco 24
1070-109 Lisboa Portugal
Tel: + 351 389 66 00
Fax:+ 351 389 66 01
lisboa.reservations@dompedro.com

5. LAPA PALACE

Rua do Pau de Bandeira, 4
1249-021 Lisboa Portugal
Tel.: + 351 21 394 94 94
Fax: + 351 21 395 06 65
reservations@lapa-palace.com

6. LE MERIDIEN PARK ATLANTIC

Rua Castilho 149
1099-034 Lisboa Portugal
Tel: + 351 213 818 700
Fax:+ 351 213 890 505
reservas.lisboa@lemeridien.pt

7. RITZ FOUR SEASONS LISBOA

Rua Rodrigo da Fonseca, 88
1099-039 Lisboa Portugal
Tel: + 351 21 381 14 00
Fax:+ 351 21 383 17 83
ritzfourseasons@mail.telepac.pt

8. SHERATON LISBOA

HOTEL & TOWERS
Rua Latino Coelho, 1
1069-025 Lisboa Portugal
Tel: + 351 213 120 000
Fax:+ 351 213 547 164
sheraton.lisboa@sheraton.com

9. TIVOLI LISBOA

Avenida da Liberdade, 185
1269-050 Lisboa
Tel: + 351 213 198 900
Fax:+ 351 213 198 950
htlisboa@tivolihotels.com

4 STAR HOTELS IN LISBOA

10. AÇORES LISBOA

Avenida Columbano Bordalo Pinheiro, 1
1070-060 Lisboa
Tel: + 351 217 222 920
Fax:+ 351 217 222 929
hotelacoreslisboa@bensauda.pt

11. ALTIS PARK

Avenida Engº Arantes e Oliveira, 9
1900-221 Lisboa Portugal
Tel: + 351 218 434 200
Fax:+ 351 218 460 838
reservations@altisparkhotel.com

12. BARCELONA

Rua Laura Alves,10
1050-138 Lisboa Portugal
Tel: + 351 217 954 273
Fax:+ 351 217 954 281
comercial@3khoteis.com.pt

13. FÉNIX LISBOA

Praça Marquês de Pombal, 8
1269-133 Lisboa Portugal
Tel: + 351 213 862 121
Fax:+ 351 213 860 131
fenixlisboa@fenixlisboa.com

14. HOLIDAY INN LISBOA

Avenida António José de Almeida, 28 A
1000-044 Lisboa Portugal
Tel: + 351 210 044 000
Fax:+ 351 217 936 672
hil@grupo-continental.com

15. HOLIDAY INN CONTINENTAL

Rua Laura Alves, 9
1069-169 Lisboa Portugal
Tel: + 351 210 046 000
Fax:+ 351 217 973 669
hic@grupo-continental.com

16. LISBOA MARRIOTT

Avenida da Liberdade, 243
1250-143 Lisboa Portugal
Tel: + 351 213 197 900
Fax:+ 351 213 197 990
info@hotel-marquesdepombal.pt

17. MARQUÊS DE POMBAL

Avenida da Liberdade, 243
1250-143 Lisboa Portugal
Tel: + 351 213 197 900
Fax: + 351 213 197 990
info@hotel-marquesdepombal.pt

18. RADISSON SAS LISBOA

Avenida Marechal Craveiro Lopes, 390
1749-009 Lisboa Portugal
Tel: + 351 210 045 000
Fax:+ 351 210 045 001
rad@grupo-continental.com

ADDRESSES OF HOTELS

19. REAL PALÁCIO

Rua Tomás Ribeiro, 115
1050-228 Lisboa Portugal
Tel: + 351 213 199 500
Fax:+ 351 213 199 501
realparque@mail.telepac.pt

20. REAL PARQUE

AAA Avenida Luís Bivar, 67
1069-146 Lisboa Portugal
Tel: + 351 213 199 000
Fax:+ 351 213 570 750
realparque@mail.telepac.pt

21. SANA LISBOA

Avenida Fontes Pereira de Melo, 8
1069-310 Lisboa Portugal
Tel: + 351 210 064 300
Fax:+ 351 210 064 301
sanalisboa@sahanhotels.com

22. SANA METROPOLITAN PARK

Rua Soeiro Pereira Gomes - Parcela 2
1600-198 Lisboa Portugal
Tel: + 351 217 982 500
Fax:+ 351 217 950 864
sanametropolitan@sahanhotels.com

23. SANA PARK MALHOA

Avenida José Malhoa, 8
1099-098 Lisboa Portugal
Tel: + 351 210 061 800
Fax:+ 351 210 061 801
sanamalhoa@sahanhotels.com

24. SOFITEL LISBOA

Avenida da Liberdade, 127
1269-038 Lisboa Portugal
Tel: + 351 213 228 300
Fax:+ 351 213 228 310
h1319-re@accor.com

25. TIVOLI JARDIM

Rua Júlio César Machado, 7
1250-135 Lisboa Portugal
Tel: + 351 213 591 000
Fax:+ 351 213 591 245
htjardim@tivolihotels.com

26. TIVOLI TEJO

Avenida Dom João II - Parque das Nações
1990-083 Lisboa Portugal
Tel: +351 218 915 100
Fax:+351 218 915 345
httejo@tivolihotels.com

27. VILA GALÉ ÓPERA

Travessa do Conde da Ponte
1300-141 Lisboa Portugal
Tel: +351 213 605 400
Fax:+ 351 213 605 450
opera@vilagale.pt

28. VILLA RICA

Avenida 5 de Outubro, 295
1600-035 Lisboa Portugal
Tel: + 351 210 043 000
Fax:+ 351 210 043 498
villarica@fibeira.pt

3 STAR HOTELS IN LISBOA

29. AMAZÔNIA LISBOA HOTEL
Travessa da Fábrica dos Pentes, 12
1250-106 Lisboa Portugal
Tel: + 351 213 87 70 06
Fax:+ 351 213 87 90 90
reclisboa@amazoniahoteis.com

30. MARQUÊS DE SÁ

Avenida Miguel Bombarda, 130
1050-167 Lisboa Portugal
Tel: +351 217 911 014
Fax:+351 217 936 983
reservas@olissippohotels.com

31. MIRAPARQUE

Avenida Sidónio Pais, 12
1050-214 Lisboa Portugal
Tel: +351 213 524 286
Fax:+351 213 578 920
hotel@miraparque.com

32. NOVOTEL LISBOA

Avenida José Malhoa - Lote 1642
1099-051 Lisboa Portugal
Tel: + 351 217 244 800
Fax:+ 351 217 244 801
h0784@accor-hotels.com

33. TRYP ORIENTE

Avenida Dom João II - Parque das Nações
1990-083 Lisboa Portugal
Tel: +351 218 930 000
Fax:+351 218 930 099
tryp.oriente@solmeliaportugal.com

34. VIP ZURIQUE

Rua Ivone Silva, 18
1050-124 Lisboa Portugal
Tel: +351 217 814 000
Fax:+351 217 937 290
hotelzurique@viphotels.com

HOTEL OUTSIDE LISBOA

35. CASCAIS MIRAGEM (5 stars)
Avenida Marginal, 8554
2754-536 Cascais Portugal
Tel: + 351 210 060 600
Fax:+ 351 210 060 601
geral@cascaismiragem.co

COMMITTEES AND SOCIETIES

EXECUTIVE COMMITTEE

President	George Bentley, United Kingdom
Vice President	Wolfhart Puhl, Germany
General Secretary	Frantz Langlais, France
Treasurer	Martti Hämäläinen, Finland
Past President	Nikolaus Böhler, Austria

MEMBERS AT LARGE

Chairman Editorial Committee	Roger Lemaire, Belgium
Chairman Prizes and Travelling	Miklos Szendrői, Hungary
Chairman Speciality Society Committee	Roberto Giacometti Ceroni, Italy

CO-OPTED MEMBERS

Chairman Scientific and Educational Committee	Karl-Göran Thorngren, Sweden
Chairman Local Organising Committee	Manuel Cassiano Neves, Portugal
7th EFORT Congress 2005 Lisbon	
Chairman Portal Steering Committee	Klaus-Peter Günther, Germany
Chairman Current Updates	Antonio Navarro-Quillies, Spain
Chairman Local Organising Committee	Franco Postacchini, Italy
8th EFORT Congress 2007 Florence	
President of UEMS Orthopaedic Section	Richard Wallensten, Sweden
EORS President	Heino Kienapfel, Germany

EFORT CENTRAL OFFICE

Head	Gabriella Skala, Switzerland
Portal Manager	Jann Fraitag, Switzerland
Secretary	Sabine Weber, Switzerland
Trainee	Pietro Francesco Weber, Switzerland

LOCAL PORTUGUESE ORGANISING COMMITTEE

Chairman	Manuel Cassiano Neves
General Secretary	Paulo Felicissimo
Treasurer	Jorge Mineiro
Members	José Brenha de Almeida José Branco Rui Cabral António Cartucho Carlos Jardim Paulo Oliveira Rui Pinto Morais Sarment

COMMITTEES AND SOCIETIES

SCIENTIFIC COMMITTEE

Chairman	Karl-Göran Thorngren, Sweden
Members	Roger Lemaire, Belgium Manuel Cassiano Neves, Portugal Antonio Navarro-Quillies, Spain Heino Kienapfel, Germany George Bentley, United Kingdom Wolfhart Puhl, Germany Frantz Langlais, France Martti Hämäläinen, Finland Nikolaus Böhler, Austria Roberto Giacometti Ceroni, Italy Miklos Szendrői, Hungary Jacinto Monteiro, Portugal

EDITORIAL AND INSTRUCTIONAL COURSE COMMITTEE

Chairman	Roger Lemaire, Belgium
Members	George Bentley, United Kingdom Manuel Cassiano Neves, Portugal
	Karl-Göran Thorngren, Sweden

ORGANISING SOCIETIES

EFORT	European Federation of National Associations of Orthopaedics and Traumatology
SPOT	Sociedade Portuguesa de Ortopedia e Traumatologia
EORS	European Orthopaedic Research Society

SCIENTIFIC ADVISORS

Aspenberg Per	Sweden	Langlais Frantz	France
Böhler Nikolaus	Austria	Lehenkari Petri	Finland
Cannas João	Portugal	Leslie Ian	United Kingdom
Carpintero-Benitez Pedro	Spain	Lemaire Roger	Belgium
Cassiano Neves Manuel	Portugal	Lidgren Lars	Sweden
Casteleyn Pierre-Paul	Belgium	Makai Frantisek	Slovakia
Cordero Ampuero José	Spain	Mansat Michel	France
Correia Luis	Portugal	Matejovsky Zdenek	Czech Republic
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Hirvensalo Eero	Finland	Rego Paulo	Portugal
Kälin André	Switzerland	Rushton Neil	United Kingdom
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Krbec Martin	Czech Republic	Vecsei Vilmos	Austria
Krismer Martin	Austria	Victor Jan	Belgium
Lampreia Rui	Portugal	Witvoet Jacques	France

COMMITTEES AND SOCIETIES

NATIONAL SOCIETY MEMBERS

Austria	ÖGO	Österreichische Gesellschaft für Orthopädie und Orthopädische Chirurgie
Belgium	BVOT	Belgische Vereniging voor Orthopedie en Traumatologie
Belgium	SORBCOT	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 Orthopaedic and Traumatology
Denmark	DOS	Danish Orthopaedic Society
Estonia	ETOS	Estonian Orthopaedic Association
Finland	SOY / FOA	Finnish Orthopaedic Association
France	SOFCOT	Société Française de Chirurgie Orthopédique et de Traumatologie
Germany	DGOOC	Deutsche Gesellschaft für Orthopädie und Orthopädische Chirurgie
Germany	BVO	Berufsverband der Fachärzte für Orthopädie
Greece	HAOST	Hellenic Association of Orthopaedic Surgery and Traumatology
Hungary	MOT / HOA	Hungarian Orthopaedic Association
Iceland	FIB	Felag Islenskra Baeklunarlaekna
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Società Italiana di Ortopedia e Traumatologia
Lithuania	LTOD	Lietuvos Traumatologu Ortopedu Draugija
Luxemburg	SLOT	Société Luxembourgeoise d'Orthopédi et de Traumatologie
Macedonia	MAOT	Macedonian Association of Orthopaedics and Traumatology
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/OSSZD	Slovene Orthopaedic Association
Spain	SECOT	Sociedad Espanola de Cirugia Ortopédica y Traumatología
Sweden	SOF	Svensk Ortopedisk Förening
Switzerland	SGO / SSO	Schweizerische Gesellschaft für Orthopädie und Traumatologie
Turkey	TOTBID	Türk Ortopedi ve Travmatoloji Birligi Dernegi
United Kingdom	BOA	British Orthopaedic Association

OBSERVERS

Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Malta	AOTSM	Associations of Orthopaedic and Trauma Surgeons of Malta
Serbia Montenegro	SAOT	Serbian Association of Orthopaedics and Traumatology

ASSOCIATE SCIENTIFIC MEMBERS

Israel	IOA	Israel Orthopaedic Association
Lebanon	SLO	Société Libanaise d'Orthopédie

SPECIALITY SOCIETIES

The following Speciality Societies participate at the 7th EFORT Congress:

ARTOF	Association for the Rational Treatment of Fractures
EAMST / SSE	European Association of Musculo Skeletal Transplantation
EFOST	European Federation of Orthopaedic Sports Traumatology
EHS	European Hip Society
EPOS	European Paediatric Orthopaedic Society
CSRS	Cervical Spine Research Society (European section)
ESB	European Society for Biomaterials
ESPA	European Society of Pelvis and Acetabulum
ESSKA	European Society of Knee Surgery, Sports Traumatology and Arthroscopy
SECEC / ESSE	European Society for Surgery of the Shoulder and the Elbow

PAST EFORT CONGRESSES AND THEIR PRESIDENTS

1st	1993	Paris, France	Jacques Duparc, France (1992-1993)
2nd	1995	Munich, Germany	Michael A.R. Freeman, United Kingdom (1994-1995)
3rd	1997	Barcelona, Spain	Erwin W. Morscher, Switzerland (1996-1997)
4th	1999	Brussels, Belgium	Otto Sneppen, Denmark (1998-1999)
5th	2001	Rhodes, Greece	Paolo Gallinaro, Italy (2000-2001)
6th	2003	Helsinki, Finland	Nikolaus Böhler, Austria (2002-2003)

FUTURE EFORT CONGRESSES

8th	2007	Florence, Italy	Wolfhart Puhl, Germany (2005-2006)
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ACCOMPANYING PERSON'S TOURS



All tours depart from and return to the Conference Centre and will be accompanied by an English-speaking guide. It is not possible to refund tickets in the case of cancellation or failure to arrive on time.

If a tour is cancelled because of lack of participation, then a full refund will be made or, if preferred, a transfer to an alternative tour may be arranged with the necessary payment adjustment.

SATURDAY 4 JUNE	SUNDAY 5 JUNE	MONDAY 6 JUNE	TUESDAY 7 JUNE
Sintra World Heritage EUR 70 9.30 – 17.30 ***	Évora - World Heritage Town EUR 85 9.30 – 17.00	Arrábida, the Blue Coast EUR 50 9.30 – 14.00	Arrábida, the Blue Coast EUR 50 9.30 – 14.00
Lisboa City Tour EUR 35 9.30 – 13.00 ***	Batalha, Fátima & Óbidos EUR 90 8.30 – 17.00	Royal Palace of Queluz and Sintra EUR 75 9.30 – 17.00	Sintra World Heritage EUR 70 9.30 – 17.30
	Lisboa and the Discoveries EUR 35 9.30 – 13.00 ***	Lisboa City Tour EUR 35 9.30 – 13.00 ***	Batalha, Fátima & Óbidos EUR 90 8.30 – 17.00

*** Choice of 1 tour - included in the fee for registered accompanying persons

SINTRA – WORLD HERITAGE / 9.30 – 17.30

Departure from the Conference Centre to Sintra, situated about 25 Km from Lisbon, on the northern slopes of its hills or "serra". A rare oasis of beauty and tranquillity, Sintra has retained its unique identity. Perhaps Lord Byron summarised it more expressively than anybody else with his famous phrase "Sintra - Glorious Eden". Of its monuments, the most interesting is the National Palace which, for over 600 years, was used by kings, both as a summer residence and as a hunting lodge - the forests then were replete with stag and wild boar. We visit the Palace, its staterooms and kitchen, where you can still see the huge open fireplaces over which game or oxen were roasted. Wander the town at your leisure. Take the opportunity of willing away some minutes at one of the lovely restaurants or cafes - or at a port wine bar, where you can buy Portuguese port wine that is over 100 years old. Also take sometime for a casual stroll through the town's picturesque side streets,

with their scenic glimpses of luscious green hillsides surrounding the town. This is a place that captures the imagination, and it is with pride that we can count it amongst the finest in the world, since Sintra's addition to the World Heritage list. Lunch will be served at local restaurant. Return to Lisbon by the coastal road passing by Cascais and Estoril.

Price: EUR 70 per person

Ticket includes coach, English-speaking tour guide throughout the entire tour, admission fee to the National Palace and two-course lunch with drinks. Minimum number of participants: 20

LIST OF ALL SCIENTIFIC SYMPOSIA

SYMPOSIUM	TITLE	MODERATOR
1	Do we need surgery for rheumatoid arthritis?	Urban Rydholm, Sweden
2	Minimally invasive total hip arthroplasty	Martin Krismer, Austria
3	Total patient care in the management of hip fractures	Karl-Göran Thorngren, Sweden
4	Fall prevention by a european network	Dawn Skelton, United Kingdom
5	Instability of the lumbar spine	Franco Postacchini, Italy
6	Current concepts in treatment of knee instability	Lars Engebretsen, Norway
7	Present and current state of gene therapy in orthopaedics	Heino Kienapfel, Germany
8	Usefulness of stem cells in orthopaedics and trauma	Petri Lehenkari, Finland (combined with EORS)
9	Surgical treatment of skeletal metastases	Zdenek Matejovsky, jr., Czech Republic
10	Thoracolumbar burst fractures - which surgery?	Jorge Mineiro, Portugal
11	Can we prevent DVT and pulmonary embolism after orthopaedic surgery?	Bengt Eriksson, Sweden
12	The Bone and Joint Decade: its impact on education, research and future care	Lars Lidgren, Sweden
13	Update on the prevention and treatment of musculoskeletal conditions: arthritis , injuries and backpain	Anthony Woolf, United Kingdom
14	Wear, particles and consequences in total hip arthroplasty	Telemachos Papaioannou, Greece
15	What is normal hip anatomy? Dysplasia versus impingement	Reinhold Ganz, Switzerland
16	Fixation of hip fractures: mini invasive or open surgery?	Frantz Langlais, France
17	How to prevent the second fracture?	Olle Svensson, Sweden
18	Whip lash injuries	Charles Galasko, United Kingdom
19	Disk prosthesis. Results and alternatives	João Cannas, Portugal
20	Orthopaedic training in Europe	Matt Revell Bota (British Orthopaedic Trainees Association, United Kingdom)
21	Continuous medical education (CME) in Europe	José Cordero, Spain
22	Acute management of major hand injuries	Ian Leslie, United Kingdom
23	Navigation in future orthopaedics	Pierre-Paul Casteleyn, Belgium
24	When it goes wrong. Medico-legal aspects in orthopaedics and traumatology	Eero Hirvensalo, Finland
25	Hand surgery in children	Marianne Arner, Sweden
26	European Arthroplasty Registers	Gerold Labek, Austria
27	Controversies in hallux valgus surgery	Brigitte Scammel, United Kingdom
28	Minimal device or replacement for the hip	Klaus-Peter Günther, Germany
29	Recent osteosynthesis innovations	Lothar Kinzl, Germany
30	Controversies about spinal metastases treatment	Christian Mazel, France
31	Blood loss and blood management in orthopedic surgery	Moderator: Roger Lemaire, Belgium
32	The future of articular cartilage repair	George Bentley, United Kingdom

INSTRUCTIONAL COURSE LECTURES

DAY 1 – SATURDAY – JUNE 4

ICL NO.	TITLE	MODERATOR
1	Vertebroplasty and kyphoplasty	Hani Mhaidli, Spain
2	Prevention and management of recurrent dislocation in hip arthroplasty	Rudolph W.T. Geesink, the Netherlands
3	Elastic stable intramedullary fixation of diaphyseal fractures in children	André Kälin, Switzerland
4	Adverse effects of radiation therapy on bone	Adesegun Abudu, United Kingdom

DAY 2 – SUNDAY – JUNE 5

ICL NO.	TITLE	MODERATOR
5	Management of failures after knee ligament surgery	João Espregueira Mendes, Portugal
6	Scaphoid fractures and nonunions	Michele D'Arienzo, Italy
7	Avascular necrosis at the knee	Pedro Carpintero-Benitez, Spain
8	Geriatric Orthopaedics	Lubos Rehak, Slovakia

DAY 3 - MONDAY – JUNE 6

ICL NO.	TITLE	MODERATOR
9	Subtrochanteric fractures of the femur	Vilmos Vecsei, Austria
10	Pathogenesis of idiopathic scoliosis	Robert Dickson, United Kingdom
11	Prosthetic arthroplasty of the elbow	Michel Mansat, France
12	Implant design and operative technique-related factors affecting the outcome of TKR	Jan Victor, Belgium
13	Stress transmission at the proximal femur in total hip replacement	Wolfhart Puhl, Germany
14	Congenital pseudarthrosis of the tibia	Fritz Hefti, Switzerland
15	Ankle replacement	Hakon Kofoed, Denmark

DAY 4 - TUESDAY – JUNE 7

ICL NO.	TITLE	MODERATOR
16	Total hip revision on the femoral side. Strategies and results	Adrião Proença, Portugal
17	Pharmacological tools in orthopaedic surgery	Per Aspenberg, Sweden
18	Thoracic and lumbar spine trauma	Martin Krbec, Czech Republic
19	The management and outcome of traumatic dislocation of the knee	John Keating, United Kingdom
20	Femoropatellar replacement	Jacques Witvoet, France
21	Hip dysplasia Diagnosis and treatment from birth to old age	Fritz-Uwe Niethard, Germany

CROSS FIRE DISCUSSIONS

VIDEO SESSIONS

CROSS FIRE DISCUSSIONS

CROSS FIRE	TITLE	MODERATOR
1	Does size matter in approach to pelvic surgery?	Maria Rommens, Germany
2	Management of proximal humerus fractures. fix or replace?	Jacinto Monteiro, Portugal
3	Controversy of elbow fractures in children	Manuel Cassiano Neves, Portugal
4	Infection in tha and tka. one stage or two stage exchange arthroplasty?	Karl Knahr, Austria
5	Osteotomy versus unicondylar arthroplasty for the knee	David Murray, United Kingdom
6	Osteoarthritis of the thumb. fusion, excision or replacement?	Philippe Kopylov, Sweden

VIDEO SESSIONS

ABSTRACT NO	AUTHOR	TITLE
V1	Lutz, C.	ACL reconstruction by modified mc intosh fascia lata graft technique performed by arthroscopy. Technical aspect
V2	Oransky, M.	Sacroiliac joint dislocation in children associated tot Risser's nuclei injury
V3	Kazennov, V.	Orthopaedics and trauma in telemedicine field
V4	Bevilacqua, C.	Patellofemoral malalignment in adolescents: treatment by the arthroscopic all inside technique
V5	Denes, R.	Arthrodesis of the i. metatarsophalangeal joint for the treatment of Hallux Valgus in rheumatoid arthritis
V6	Kapoor, S.	Review of results of hip arthroscopy in diagnosis and treatment of hip pain
V7	Asparouhov, A.	Elastic intramedullary nailing for treatment of humeral shaft fractures and nonunions
V8	Agarwal, A.	Kyphoplasty of vertebral fracture
V9	Pavelescu, G.	Our therapeutic attitude in surgical treatment of spondilolisthesis
V10	Pavelescu, G.	Spinal sepsis: suggestions and treatment

INDUSTRY SYMPOSIA AND WORKSHOPS

INDUSTRY SYMPOSIA (By chronological order)

DAY	AUDITORIUM NO.	COMPANY
SATURDAY	2	Depuy International – Surgical Technique and Design Rationale of the Newly Launched ATNTM Trochanteric Nail Depuy International
	3	Stryker EMEA - Results Matter
	8	Ceramtec Biolox(r) Ceramics: New Applications and Future Perspectives
	10	Synthes - Treatment of Metaphyseal Fractures with Osteoconductive and Osteoinductive Bone Substitutes
SUNDAY	2	Pfizer - COX-2-specific inhibitors as components of modern pain medication: issues, facts and use in surgery
	2	Glaxo Smith Kline - Advanced risk management in joint surgery: matching the needs of clinical practice
	3	Stryker EMEA - Partnerships Matter
	6	Zimmer MISTM - Minimally Invasive and Bone Preserving Techniques in Hip and Knee Replacement
	8	Mathys - Long Term Results of RM-CUP and Innovations in Hip, Knee and Shoulder Arthroplasty
	10	Synthes - Expert Tibial Nail
	10	Synthes - Medical Open Wedge HTO treated with TomoFix(r)
	11	AO Foundation - New Perspectives in I.M. Nailing - Practical Solutions for Real Problems
	12	Rovi LMWH - Before or After Surgery ? New Concepts
MONDAY	2	Astra Zeneca - Thromboprophylax is in orthopaedic surgery - new guidelines, new options
	3	Stryker EMEA - Innovation Matters
	7	Lima-LTO - Spa Lima Hip Solutions for Big Diameters Coupling
	10	Synthes - PFNA - Leading the way to optimal stability in the fixation of proximal femoral fractures

INDUSTRY WORKSHOPS (By chronological order)

DAY	AUDITORIUM NO.	COMPANY
SATURDAY	9	Zimmer - Bone Preservation in Hip Arthroplasty
SUNDAY	7	Zimmer - The Zimmer Institute - Step Into the Future with MIS TM
	11	Waldemar Link - Link Minimally Invasive Technique - Hip (MIT-H)
MONDAY	8	Smith & Nephew - Anatomic ACL Reconstruction - "Ask the Expert"
	9	Zimmer NCB(r) - Proximal Humerus and Distal Femur Osteosynthesis Plate with Polyaxial Locking Screws
	11	Medtronic - Sofamor Danek New Opportunities for Use of Growth Factors in Orthopaedic Surgery
	12	B. Braun Aesculap - OrthoPilot(r) THR Navigation Experiences - Applications - Results

Synthes symposia at EFORT.



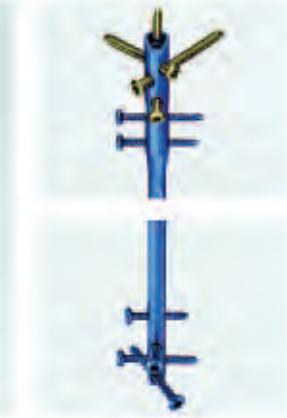
DBX® (4th June, 12.30–14.00)

- Fast healing through osteoinduction
- Easy handling
- Effective mix with chronOS



EXPERT™ Tibial Nail (5th June, 12.30–14.00)

- Extended indications in both metaphyses
- Optimal stability due to multiple locking options
- Facilitated nail insertion due to new anatomic bend
- Easy to use instrumentation with clear colour coding



TomoFix™ (5th June, 14.00–16.00)

- Angularly stable fixation reduces risk of primary and secondary loss of reduction and enables early mobilisation and load bearing
- Limited contact between plate and periosteum reduces disruption of the periosteal blood supply
- Anatomical design allows for better placement of the plate
- Compression in the opposite cortex promotes direct bone healing



PFNA (6th June, 12.30–14.00)

- Anti-rotation associated with optimal stability achieved with one single element
- Compaction of cancellous bone; additional anchoring to the PFNA blade, which is especially important in osteoporotic bone
- Significantly higher cut out resistance
- Flexible tip eases insertion and avoids stress on the bone at the tip of the PFNA

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MODERATORS OF THE FREE SESSIONS

DAY	TIME	AUDI-TORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR PORTUGAL
Saturday	08.00-09.30	1	Hip 1	Fast Track Surgery	Petri Lehenkari, Finland	António Mateus, Portugal
Saturday	09.30-10.30	1	Hip 2	THR / Materials	Telemachos Papaioannou, Greece	Roxo Neves, Portugal
Saturday	08.00-09.30	2	Hip Fractures 1	Hip Fracture Patient Care 1	Karoly Fekete, Hungary	Paulo Rego, Portugal
Saturday	09.30-10.30	2	Hip Fractures 2	Hip fracture Patient Care 2	Lubos Rehák, Slovakia	Paulo Rego, Portugal
Saturday	08.00-10.00	3	Spine 1	Spine Trauma	Martin Krbec, Czech Republic	Estrela Martins, Portugal
Saturday	11.00-12.00	3	Spine 2	Low Back Pain 1	Thierry David, France	João Cannas, Portugal
Saturday	08.00-10.00	4	Knee 1	Clinical Results TKA	Anders Lindstrand, Sweden	Fernando Fonseca, Portugal
Saturday	11.30-12.30	4	Knee 2	Navigation	Pierre-Paul Casteleyn, Belgium	Alberto Monteiro, Portugal
Saturday	14.00-15.30	4	Knee 3	TKA Techniques	Nikolaus Böhler, Austria	José Carlos Leitão, Portugal
Saturday	14.00-15.30	6	Research	Cell Biology, Fractures and Biomechanics	Adesegun Abudu, United Kingdom	Paulo Lourenço, Portugal
Saturday	08.00-10.00	7	Hip 3	Polyethylene	Paolo Gallinaro, Italy	José Neves, Portugal
Saturday	14.00-15.30	7	Hip 4	THA General	Wolfhart Puhl, Germany	Roland Freitas, Portugal
Saturday	08.00-10.00	8	Trauma 1	External Fixation	Hakan Omeroglu, Turkey	Craveiro Lopes, Portugal
Saturday	10.00-11.00	8	Trauma 2	Pelvic Fractures 1	Norbert Haas, Germany	Dimas de Oliveira, Portugal
Saturday	11.00-12.00	8	Trauma 3	Pelvic Fractures 2	Norbert Haas, Germany	Dimas de Oliveira, Portugal
Saturday	14.00-15.30	8	Trauma 4	Femoral Shaft Fractures	Eero Hirvensalo, Finland	Rui Matos, Portugal
Saturday	08.00-10.00	9	Paediatrics 1	Cerebral Palsy / Tumours	Pavel Dungl, Czech Republic	Salis Amaral, Portugal
Saturday	10.00-11.00	9	Paediatrics 2	Trauma 1	Karl-Göran Thorngren, Sweden	Mafalda Santos, Portugal
Saturday	14.00-15.30	9	Paediatrics 3	Trauma 2	André Kälin, Switzerland	Gilberto Costa, Portugal
Saturday	08.00-10.00	10	Infection 1	Infection 1	Enzo Meani, Italy	Serpa Oliva, Portugal
Saturday	11.00-12.00	10	Trauma 5	Infection	Brigitte Scammell, United Kingdom	António Meireles, Portugal
Saturday	08.00-10.00	11	Foot 1	Hallux Valgus	Urban Rydholm, Sweden	Paulo Felicissimo, Portugal
Saturday	10.30-12.30	11	Trauma 6	Ankle Trauma	James Waddell, Canada	António Torres, Portugal
Saturday	14.00-15.30	11	Foot 2	Foot and Ankle	Hakon Kofoed, Denmark	Virgilio Fonseca, Portugal
Saturday	08.00-09.00	12	General Orthopaedics 1	THA Revisions	Rudolph W.T. Geesink, the Netherlands	António Figueiredo, Portugal
Saturday	11.00-12.30	12	Hip 5	Technical Principles	Martin Krismer, Austria	António Figueiredo, Portugal
Sunday	15.30-16.30	2	Paediatrics 4	Trauma 3	Ernesto Ippolito, Italy	Mesquita Montes, Portugal
Sunday	16.00-18.00	3	Pelvis 1	Pelvis, Fractures, Osteotomies	Reinhold Ganz, Switzerland	Trigo Cabral, Portugal
Sunday	15.30-18.00	4	Knee 4	TKA - Minimally Invasive Surgery	Chris Dodd, United Kingdom	Filipe Salreta, Portugal
Sunday	15.30-18.00	5	Knee 5	Ligament Injury	Lars Engebretsen, Norway	José Carlos Noronha, Portugal
Sunday	15.30-18.00	7	Hip 6	Cementless THA	Martti Hämäläinen, Finland	Costa Ribeiro, Portugal



DAY	TIME	AUDI-TORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR PORTUGAL
Sunday	14.00-15.30	9	Spine 3	Scoliosis	Robert Dickson, United Kingdom	Luis de Almeida, Portugal
Sunday	16.00-18.00	9	Spine 4	General	Stefano Boriani, Italy	Manuel Passarinho, Portugal
Sunday	16.30-18.00	10	Knee 6	Wear, Migration, Density	F. Haddad, United Kingdom	Álvaro Machado, Portugal
Sunday	14.00-15.30	11	Foot 3	Foot Trauma / Diabetic Foot	Andrew Taylor, United Kingdom	Paulo Amado, Portugal
Sunday	14.00-15.30	12	General Orthopaedics 2	TKA - Knee	Roger Lemaire, Belgium	Luis Thomaz, Portugal
Monday	10.00-11.30	1	Hip 7	THA / Design and Techniques	Roberto Giacometti Ceroni, Italy	Costa e Castro, Portugal
Monday	16.00-18.00	1	Hip 8	THA Dysplasia	Karl Knahr, Austria	Luis Abreu, Portugal
Monday	10.30-12.00	2	Trauma 7	Femoral Neck and Subtrochanteric Fractures	Vilmos Vecsei, Austria	Rui Pinto, Portugal
Monday	14.00-16.00	2	Trauma 8	Femoral Neck Fractures	Karl-Göran Thorngren, Sweden	Nuno Alegrete, Portugal
Monday	08.00-09.30	3	Spine 5	Kyphoplasty	Haini Mhaidli, Spain	Guimarães Consciência, Portugal
Monday	16.00-18.00	3	Spine 6	Low Back Pain 2	Emre Acaroglu, Turkey	António Oliveira, Portugal
Monday	10.00-11.30	4	Knee 7	High Tibial Osteotomy	David Murray, United Kingdom	Manuel Gutierrez, Portugal
Monday	11.30-12.30	4	Knee 8	Revision	Thomas Gehrke, Germany	José Granate, Portugal
Monday	14.00-16.00	4	Knee 9	Unicompartmental Knee Replacement	Roland Jakob, Switzerland	Alberto Lemos, Portugal
Monday	08.00-10.00	5	Shoulder 1	Elbow / Forearm 1	Michel Mansat, France	Inês Barros, Portugal
Monday	11.30-12.30	5	Shoulder 2	Elbow /Forearm 2	Richard Wallensten, Sweden	César Silva, Portugal
Monday	16.00-18.00	5	Hand 1	Hand 1	Michele D'Arienzo, Italy	Rui Cardoso, Portugal
Monday	11.00-12.30	6	Knee 10	Imaging	Pedro Carpintero Benitez, Spain	Joaquim Lebre, Portugal
Monday	16.00-18.00	6	Knee 11	Anterior Knee Pain	John Keating, United Kingdom	R. Telles Freitas, Portugal
Monday	08.00-10.00	7	Hip 9	THA / Ressurfacing	Michael Nogler, Austria	Dimas de Oliveira, Portugal
Monday	10.00-11.00	7	Hip 10	THA / Navigation + DEXA	Jean-Luc Briard, France	Viana Queiroz, Portugal
Monday	14.00-15.30	7	Hip 11	Minimally Invasive THA 1	Antonio Navarro-Quillies, Spain	Viana Queiroz, Portugal
Monday	16.00-18.00	7	Hip 12	Minimally Invasive THA 2	Kjeld Soballe, Denmark	João Jacinto, Portugal
Monday	08.00-10.00	8	Trauma 9	Fracture Treatment	Olle Svensson, Sweden	Guido Duarte, Portugal
Monday	10.00-12.00	8	Trauma 10	Treatment	Lothar Kinzl, Germany	Luis Branco Amaral, Portugal
Monday	14.00-15.30	8	Trauma 11	Trauma Organization and Evaluation	Christian Krettek, Germany	Jorge Mineiro, Portugal

MODERATORS OF THE FREE SESSIONS

DAY	TIME	AUDI-TORIUM	CATEGORY	SUB-CATEGORY	Moderator International	Moderator Portugal
Monday	16.00-18.00	8	General Orthopaedics 3	Basics	Anthony Woolf, United Kingdom	Salis Amaral, Portugal
Monday	08.00-10.00	9	Paediatrics 5	DDH - Developmental Dysplasia Hip	Hans Wingstrand, Sweden	Gabriel Matos, Portugal
Monday	10.00-11.00	9	Paediatrics 6	Supracondylar Fractures	Fritz Niethard, Germany	Jorge Coutinho, Portugal
Monday	14.00-16.00	9	Trauma 12	Shoulder + Elbow	H. Thomazeau, France	Rosmaninho Seabra, Portugal
Monday	08.00-10.00	10	Knee 12	Blood Management	Ola E. Dahl, Sweden	Afonso Ruano, Portugal
Monday	10.00-12.00	10	Infection 2	Infection	José Cordero Ampuero, Spain	Campos Lemos, Portugal
Monday	14.00-15.30	10	Shoulder 3	Shoulder Implants	Franco Postacchini, Italy	José Lourenço, Portugal
Monday	16.00-18.00	10	Trauma 13	Distal Radius Fractures and Related Lesions	Philippe Kopylov, Sweden	Rui Lemos, Portugal
Monday	10.00-11.00	11	Foot 4	Foot and Ankle 3	Sunil Dhar, United Kingdom	Maria Antónia Fonseca, Portugal
Monday	16.00-18.00	11	Hip 13	THA - Loosening	José Paz Jiménez, Spain	João Salgueiro, Portugal
Monday	08.00-10.30	12	General Orthopaedics 4	Basics	Per Aspenberg, Sweden	Carlos Sousa, Portugal
Monday	15.30-17.00	12	Shoulder 4	Shoulder Instability	Nikola Cicak, Croatia	António Cartucho, Portugal
Monday	17.00-18.00	12	Shoulder 5	Evaluation and Physiotherapy on the Shoulder	J. Armengol, Spain	Braz Cardoso, Portugal
Tuesday	08.00-09.30	1	Hip 14	Revision - THA 1	Rudolf Ascherl, Germany	Gomes da Costa, Portugal
Tuesday	14.00-16.00	1	Hip 15	Revision - THA 2	Frantz Langlais, France	Francisco Costa e Almeida, Portugal
Tuesday	10.30-12.30	2	Hip Fractures 3	Trauma, Trochanteric fractures	Edward Czerwinski, Poland	Joaquim Ribeiro, Portugal
Tuesday	08.00-10.00	3	Spine 7	Cervical Spine	P. Korres, Greece	José C Vilarinho, Portugal
Tuesday	14.00-15.00	3	Spine 8	Techniques	Christian Mazel, France	Alves Jana, Portugal
Tuesday	15.00-16.00	3	Spine 9	Degenerative Spine	Christian Mazel, France	Alves Jana, Portugal
Tuesday	10.00-11.30	4	Knee 13	Mobile Bearing Knees	Jan Victor, Belgium	Paulo Oliveira, Portugal
Tuesday	14.00-16.00	4	Knee 14	Patellofemoral Joint	Jacques Witvoet, France	Ricardo Jara Tojo, Portugal
Tuesday	08.00-10.30	5	Shoulder 6	Shoulder Girdle Trauma Lesions	Karol Zty, Sweden	Jacinto Monteiro, Portugal
Tuesday	14.00-16.00	5	Hand 2	Hand 2	François Moutet, France	José C Botelho, Portugal
Tuesday	11.00-12.30	6	Knee 15	Meniscus	Carl J. Wirth, Germany	João Gamelas, Portugal
Tuesday	14.00-16.00	6	Knee 16	Condrocytes Transplantation	Lazló Hangody, Hungary	Espregueira Mendes, Portugal
Tuesday	08.00-09.00	7	Hip 16	Cement in THA	Volkmar Jansson, Germany	Manuel Guerra , Portugal
Tuesday	09.00-10.30	7	Hip 17	Cemented Hip Prosthesis	Volkmar Jansson, Germany	Manuel Guerra , Portugal
Tuesday	11.00-12.30	7	Hip 18	Wear Particles	Jochen Löhr, Germany	Rui Cabral , Portugal
Tuesday	14.00-16.00	7	Hip 19	Hip Disorders	Reiner Gradinger, Germany	Ramiro Fernandes , Portugal



DAY	TIME	AUDI-TORIUM	CATEGORY	SUB-CATEGORY	MODERATOR INTERNATIONAL	MODERATOR PORTUGAL
Tuesday	08.00-10.00	8	Trauma 14	Blood Management/ DVT	Bengt Eriksson, Norway	Carlos Amado , Portugal
Tuesday	10.30-12.30	8	Trauma 15	Tibial Shaft Fractures	Neil Rushton, United Kingdom	Luis Correia , Portugal
Tuesday	14.00-16.00	8	Trauma 16	Trochanteric Hip Fractures	Antonio Moroni, Italy	Lucio Cardador , Portugal
Tuesday	08.00-10.00	9	Paediatrics 7	Limb Length Inequality	Joachim Pfeil, Germany	Jorge Seabra , Portugal
Tuesday	10.30-11.30	9	Paediatrics 8	Congenital Deformities	M. Weber, Germany	Craveiro Lopes , Portugal
Tuesday	14.00-16.00	9	Trauma 17	Upper Limb	Michele D'Arienzo, Italy	Jacob Frischknecht , Portugal
Tuesday	08.00-10.00	10	Tumours 1	Tumours 1	Miklos Szendrői, Hungary	José Casanova , Portugal
Tuesday	10.30-11.30	10	Tumours 2	Tumours 2	Winfried Winckelmann, Germany	Pedro Cardoso , Portugal
Tuesday	11.30-12.30	10	Upper Limb	Elbow Fractures	Christoph Josten, Germany	Carlos Amaral , Portugal
Tuesday	14.00-16.00	10	Hip 20	Mini Invasive	Klaus-Peter Günther, Germany	João Salgado , Portugal
Tuesday	08.00-10.00	11	Foot 5	Foot and Ankle 1	Julian Chell, United Kingdom	Nuno Côrte-Real , Portugal
Tuesday	10.30-12.30	11	Foot 6	Foot and Ankle 2	Niklaus Wülker, Germany	André Gomes , Portugal
Tuesday	14.00-15.00	11	Trauma 18	Periprosthetic Fractures	Holz, Germany	Fernando Judas , Portugal
Tuesday	15.00-16.00	11	Trauma 19	Lower Limb	Holz, Germany	Fernando Judas , Portugal
Tuesday	08.00-10.30	12	General Orthopaedics 5	Hip	Wolfgang Pförringer, Germany	Bertrand Braz , Portugal
Tuesday	14.00-16.00	12	General Orthopaedics 6	Clinical Session	Georg von Salis-Soglio, Germany	Rui Caro de Sousa , Portugal

ABSTRACTS

NUMBER OF ABSTRACT SUBMISSIONS BY 30 SEPTEMBER 2004

EFORT has set the 30 September 2004 as the deadline for abstract submissions. The overwhelming number of 3'800 abstracts has been submitted by authors to the electronic abstract submission system (www.congress.efort.org). An increase of 1'500 abstracts!

In Helsinki, EFORT has received 2'339 abstracts which were reviewed and quoted by 64 scientific advisers. 2'300 abstracts were accepted, the rejection rate was 7,1 % which resulted in 1'200 parallel sessions.

According to feedback from our participants and the industry from previous congresses, the Liaison Committee of EFORT decided to reject approximately 40% to be presented as posters (2'000) and accepted about 800 abstracts for free paper sessions. This procedure guarantees a high level of the scientific programme.

Please see below the abstract categories and abstract statistics:

CATEGORIES

1	General Orthopaedics
2	Trauma (Upper Limb)
3	Trauma (Lower Limb)
4	Trauma (Other)
5	Hip (including fractures)
6	Knee (Osseous)
7	Knee (Soft Tissues)
8	Foot & Ankle
9	Spine
10	Shoulder / Arm
11	Elbow / Forearm
12	Hand
13	Paediatrics (Othop. & Trauma)
14	Tumor
15	Infection

STATISTICS OF THE SUBMITTED ABSTRACTS:

(status 15 October 2004)

Total submissions per category

711	Hip (including fractures)
603	General Orthopaedics
380	Knee (Osseous)
270	Spine
255	Trauma (Lower Limb)
227	Foot & Ankle
210	Knee (Soft Tissues)
195	Paediatrics (Othop. & Trauma)
179	Trauma (Upper Limb)
163	Shoulder / Arm
150	Trauma (Other)
139	Hand
135	Tumor
108	Infection
66	Elbow / Forearm
3791	TOTAL

SATURDAY
4 JUNE 2005

AUDITORIUM 1

FREE PAPERS – HIP 1

TRACK SURGERY

MODERATORS: LEHENKARI, P. (FINLAND); MATEUS, A. (PORTUGAL)

8.00 – 9.30

8.00	F1	Development and evaluation of a short stay program for total hip replacement Apthorp, H.D. / David, L.A.; Apthorp, H.D.; Worth, R.
8.10	F2	Early discharge, education and home based rehabilitation reduces unit costs after total hip replacement: results of a cost analysis in a randomized study. Jonsson, B. / Sigurdsson, E.; Siggeirsottir, K.; Janssen, H.; Gudnason, V.; Matthässon, T.
8.20	F3	Total hip arthroplasty in diabetes mellitus Chan, P. / Brenkel, I.J.; Aderinto, J.
8.30	F4	Hip fracture patients: why do they die? Acharya, M. / Acharya, M.R.; Willaims, S.C.; Harper, W.M.
8.40	F5	Risk-profiling in total hip replacement based on perioperative complications of 29'994 total hip replacements Claus, A. / Claus, A.M.; Bosing-Schwenklengs, M.; Scharf, H.P.
8.50	F6	Nomination to one day hip surgery Astore, F. / Spotorno, L.; Dagnino, A.; Fiorentini C.; Ricci, D.; Ursino, N.; Scardino, M.
9.00	F7	Influence of compression bandage on wound healing after total hip arthroplasty Labek, G. / Labek, G.; Hipmair, G.; Utermann, A.; Hinterreiter, E.; Böhler, N.
9.10	F8	You are too fat to have a hip replacement Patel, A. / Venkatesh, B.
9.20	F9	Burden of musculoskeletal conditions in Germany in the bone and joint decade Dreinhöfer, K.E. / Dreinhöfer, K.E.; Merx, H.; Puhl, W.

FREE PAPERS – HIP 2

THR MATERIALS

MODERATORS: PAPAIONNOU, T. (GREECE); NEVES, R. (PORTUGAL)

9.30 – 10.30

9.30	F10	Zwemüller with metal-on-metal articulation. Clinical, radiological and histological analysis. Five to nine years follow up observation. Korovessis, P./ Petsinis, G.; Repanti, M.; Zacharatos, S.; Korovessis, P.
9.40	F11	Hydroxyapatite-coated femoral implant in metal-on-metal resurfacing hip arthroplasty: minimum of two years follow-up. Lilikakis, A. / Lilikakis, A.K.; Vowler, S.L.; Villar, R.N.
9.50	F12	Metal-on-metal bearings in THA short-term results of prospective study Manninen, M. / Manninen, M.J.; Suutarinen, T.; Alberty, A.; Vuorinen, J.; Paavolainen, P.
10.00	F13	Effect of structural supports on elastohydrodynamic lubrication analysis of metal-on-metal artificial hip joints Liu, F. / Jin, Z.M.; Rieker, C.; Grigoris, P.; Roberts, P.
10.10	F14	Long term datas concerning the use of all alumina in total hip replacements: special interest in young age population. Sedel, L. / Jin, Z.M.; Rieker, C.; Grigoris, P.; Roberts, P.
10.20	F15	Histological and histomorphometric analysis to different ceramic materials: an experimental study Maccauro, G. / Maccauro, G.; Piconi, C.; Muratori, F.; Sangiorgi, S.; Sgambato, A. ; Burger, W.; Prisca, P.D.; Esposito, M.

Auditorium 1 (1750 Seats) Hip 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osseous	Auditorium 7 (300 Seats) Hip 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30 FP Hip 1 1-108.00 Fast Track Surgery Surgery_(9)	08.30-09.00 FP Hip 2 1-209.30 THR Materials (6)	09.00-09.30 FP Spine 1 1-308.00 Spine Trauma (12)	09.30-10.00 FP Spine 2 1-209.30 Hip Fractures Patient Care 2 (6)	10.00-10.30 Symp 1 Do we need Surgery for RA	10.30-11.00 Symp 3 Total Patient care in management of Hip Fractures	11.00-11.30 Symp 6 Current Concepts of Knee Instability	11.30-12.00 FP Knee 2 1-411.30 Navigation (6)	12.00-12.30 DEPUY INTERNATIONAL Surgical Technique and Design Rationale of the Newly launched AN(k)m Trochanteric Nail	12.30-14.00 STRYKER EMEA Results Matter	14.00-14.30 Symp 2 Minimal Invasive THA	14.30-15.00 Symp 4 Fall prevention by an European Network
08.00-08.30 FP Knee 1 1-408.00 Clinical Results TKA (12)	08.30-09.00 FP EORS 1-208.00 Hip Fractures Patient Care 1 (9)	09.00-09.30 EORS / EORT 1-308.00 Spine Trauma (12)	09.30-10.00 FP EORS 1-209.30 Patient Care 2 (6)	10.00-10.30 Symp 2 1-311.00 Low Back Pain 1 (6)	10.30-11.00 Symp 8 Usefulness of Stem Cells in Orthopaedics and Trauma	11.00-11.30 ICL 1 Vertebral Fracture	11.30-12.00 EORS Ceremony Awards	12.00-12.30 ICL 2 Prevention and management of recurrent dislocation in Hip Arthroplasty	12.30-14.00 ICL 3 Elastic stable intramedullary nailing of diaphyseal fractures in	14.00-14.30 FP Ped 1 1-908.00 Cerebral Palsy / Tumours (12)	14.30-15.00 FP Infection 1 1-1010.00 Infection 1 (12)
08.30-09.00 Fast Track Surgery Surgery_(9)	09.00-09.30 Patient Care 1 (9)	09.30-10.00 Spine Trauma (12)	10.00-10.30 Patient Care 2 (6)	10.30-11.00 Hip Fractures Patient Care 2 (6)	11.00-11.30 Low Back Pain 1 (6)	11.30-12.00 Navigation (6)	12.00-12.30 Ceremony Awards	12.30-14.00 Infection 1 (12)	14.00-14.30 Infection 1 (12)	14.30-15.00 Infection 1 (12)	15.00-15.30 Opening Ceremony
09.00-09.30 Patient Care 1 (9)	09.30-10.00 Spine Trauma (12)	10.00-10.30 Patient Care 2 (6)	10.30-11.00 Hip Fractures Patient Care 2 (6)	11.00-11.30 Low Back Pain 1 (6)	11.30-12.00 Navigation (6)	12.00-12.30 Ceremony Awards	12.30-14.00 Infection 1 (12)	14.00-14.30 Infection 1 (12)	14.30-15.00 Infection 1 (12)	15.00-15.30 Opening Exhibition	Cross Fire 1 Does size matter in approach pelvic surgery?
17.00-18.00											Cross Fire 2 Management of Proximal humeral fractures Fix or Replace?

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MEET THE EXPERT at the GlaxoSmithKline booth:

Saturday 4th June, 13.00–14.00

Professor Bengt Eriksson (Sweden)

ACCP guidelines: state-of-the-art recommendations for VTE protection after joint surgery

Sunday 5th June, 13.00–14.00

Dr Louis Kwong (USA)

North American and European exchange of the most advanced joint surgery techniques

SCIENTIFIC SYMPOSIUM

Sunday 5th June, 17.00–19.00, Auditorium 2

Chaired by **Professor Juan Arcelus** (Spain)

The need for improved VTE protection:
evidence from a European mortality meta-analysis

Fondaparinux in daily practice: new data, new recommendations

Update on the most advanced joint surgery techniques

SATURDAY
4 JUNE 2005

AUDITORIUM 1

SYMPOSIUM 1	DO WE NEED SURGERY TO RA MODERATORS: RYDHOLM, U. (SWEDEN)	10.30 – 12.00
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- The effects of modern pharmaceutical treatment on arthritic joint destruction
Hazes, M.
- What can be expected from surgery in patients with RA?
Hazes, M.
- In the shoulder and elbow
Rozing, P.
- In the wrist and hand
Kopylov, P.
- In the lower extremity
Rydholm, U.
- What does the RA patient expect from surgery and how should we assess the outcome of surgery in patients with RA?
Nilssdotter, A.
- Discussion

SYMPOSIUM 2	MINIMALLY INVASIVE THA MODERATORS : KRISMER, M. (AUSTRIA)	14.00 – 15.30
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- Goals of minimally invasive hip arthroplasty
Krismer, M.
- Perioperative measures for pain relief and early rehabilitation
Söballe, K.
- Overview of approaches and techniques
Wetzel, R.
- Overview of results
Söballe, K.
- Discussion

OPENING CEREMONY	15.30 – 17.00
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- Welcome address by the President of EFORT,
Prof. George Bentley (United Kingdom)
- Welcome address by the Chairman of the Local Organising Committee, Dr. Manuel Cassiano Neves (Portugal)
- Speech by Dr. Jorge Sampaio, the President of the Portuguese Republic
- Speech by EFORT Guest Speaker Dr. José Carlos Lopes Martins
- Concert "Portuguese Guitars"

OPENING EXHIBITION	17.00 – 18.00
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- The President of EFORT will open the industrial exhibition which will be followed by the Lisbon night

AUDITORIUM 2
FREE PAPERS – PATIENT CARE 1
HIP FRACTURES 1 MODERATORS: FEKETE, K. (HUNGARY); REGO, P. (PORTUGAL) **8.00 – 9.30**

8.00	F16	Epidemiology and outcome of hip fractures. A review of 1'177 cases from the wishaw hip fracture audit Shenoy, R. / Hegde, G.; Young, E.; Pillai, A.
8.10	F17	Epidemiology of femoral neck fracture in old people in Italy Laforgia, R. / Maggi, S.; Marzari, C.; Bianchi, D.; Crepaldi, G.
8.20	F18	Changes in epidemiology and outcome of patients with hip fractures over a seven-year period Vallamshetla, V. / Turner, R.; Sunny, D.
8.30	F19	Short time frame from first to second hip fracture. The funen county hip fracture study - 7'457 verified hip fractures from 1996 to 2003 Nymark, V. / Nymark, T.; Lauritsen, J.M.; Svenson, O.; Jeune, B.; Röck, N.D.
8.40	F20	Fractured neck of femur: the effect of age and operative delay on the in hospital mortality and the length of stay. Al Khayer, T. / Al Khayer, A.; Gaheer, R.; Sawant, N.; Paterson, M.P.
8.50	F21	Proximal femoral fractures: delay to surgery prolongs hospital stay and worsens functional outcome Siegmeth, A. / Siegmeth, A.; Parker, M.
9.00	F22	Effect of American Society of Anaesthesiologists (ASA) grading on mortality, morbidity and functional outcome after hip fractures Vallamshetla, V.R. / Thalava, R.
9.10	F23	Orthogeriatric service - does it work? Mittal, M. / Mittal, M.; Cosker, T.; Ghandour, A.; Roy, S.; Gupta, A.; Johnson, S.
9.20	F24	Integrated treatment of patients with hip fractures Olmeda, A. / Olmeda, A.

FREE PAPERS: PATIENT CARE 2
HIP FRACTURES 2 MODERATORS: REHÁK, L. (SLOVAKIA); REGO, P. (PORTUGAL) **9.30 – 10.30**

9.30	F25	Intracapsular neck of femur fractures in patients under sixty-five years-old Stearns, A. / Jaberoo, M.C.; Ashraf, R.; Stearns, A.T.; Maclean, A.D.; Wheelwright, E.F.
9.40	F26	The consequences of blood transfusion for hip fractures Chakravarty, D. / Chakravarty, D.; Parker, M.J.; Boyle, A.
9.50	F27	Combined parenteral and oral nutritional supplementation decrease fracture-related complications. A prospective randomised trial of 80 patients with hip fractures. Eneroth, M. / Olsson, U-B.; Thorngren, K.-G.
10.00	F28	Post operative radiographs following hip fracture surgery: A national audit. Do they influence in patient management? Chakravarthy, J. / Qureshi, A.; Mangat, K.; Porter, K.
10.10	F29	Readmissions following hip fracture surgery. Anand, S. / Anand, S.; McKeown, A.; Buch, K.A..
10.20	F30	Readmission rates due to post-operative wound infections following DHS and hemiarthroplasty - the royal experience Molloy, D. / Wilson, R.; Molloy, D.; Elliott, J.; Mawhinney, D.

SATURDAY
4 JUNE 2005

AUDITORIUM 2

SYMPOSIUM 3	TOTAL PATIENT CARE IN MANAGEMENT OF HIP FRACTURES MODERATORS: TORNGREN, K--G. (SWEDEN)	10.30 – 12.00
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-
- Introduction
Thorngren, K.-G.
-
- Scottish orthopaedic perspective
Finlayson, D.
-
- Scottish geriatric perspective
Currie, C.
-
- Italian perspective
Laforgia, R.
-
- Fast-track rehabilitation
Foss, N.
-
- Handling time, pain management nutrition and pressure sores
Thorngren, K.-G.
-
- Discussion

INDUSTRY SYMPOSIUM	DEPUY INTERNATIONAL "SURGICAL TECHNIQUE AND DESIGN RATIONALE OF THE NEWLY LAUNCHED ATN(TM) TROCHANTERIC NAIL" MODERATORS. VERDONK, R. BARKER, M.	12.30 – 14.00
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SYMPOSIUM 4	FALL PREVENTION BY AN EUROPEAN NETWORK MODERATORS: SKELTON, D. (UNITED KINGDOM)	14.00 – 15.30
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- ProFaNE - prevention of falls network Europe - a four year thematic network
Skelton, D.
-
- Work package 1 - fall prevention trials the need for a taxonomy of interventions and agreed set of outcomes
Becker, C.
-
- Work package 2 - clinical assessment and outcomes
Jarnlo, G.-B.
-
- Work package 3 - assessment of balance function and prediction of falls
Zijstra, W.
-
- Work package 4 - psychological aspects of falling
Todd, C.
-
- Questions

AUDITORIUM 3**FREE PAPERS:
SPINE 1****SPINE TRAUMA**

MODERATORS: KRBECK, M. (CZECH REPUBLIC); MARTINS, E. (PORTUGAL)

8.00 – 10.00

8.00	F31	Spine injuries in multiple injured patients - an analysis of the German trauma registry Schinkel, C. / Schinkel, C.; Kmiec, A.; Andress, H.J.; Frangen, T.M.; Muhr, G.;
8.10	F32	Neurological injury in thoracolumbar burst fractures: is conus involvement the key? Somayaji, S. / Bernard, J.; Saifuddin, A.
8.20	F33	Experimental treatment of secondary damage following spinal fractures: IL-1 receptor antagonist attenuates neuronal injury and microglial activation Hailer, N. / Hailer, N.P.; Voigt, C.; Dehghani, F.
8.30	F34	Motor segmental recovery in spinal cord injury a blessing in disguise! Srivastava, R. / Srivastava, R.
8.40	F35	Central cord syndrome in Ireland. Natural history and outcome. O'Toole, P. / O'Toole, P.; Lenehan, B.; Lunn, J.; Sultan, N.; Murray, P.; Poynton, A.; McCormack, D.; Byrne, J.; Stephens, M.; McManus, F.
8.50	F36	Anterior tibial compartment pressures in spinal cord injured patients Oliver, A. / Oliver, A.; Allan, B.
9.00	F37	Predictors of neurological recovery in spinal cord injury Srivastava, R. / Srivastava, R.
9.10	F38	Transforming Growth Factor-Beta (TGF- β) and the complications seen in acute spinal cord injuries Quinlan, J. / Quinlan, J.F.; Watson, R.W.G.; Kelly, P.M.; O'Byrne, J.M.; Fitzpatrick, J.M.;
9.20	F39	Results of 45 thoracolumbar fractures after posterior instrumentations of 45 Torrededia, L. / Ubierna, M.T.; Trigo, L.; Iborra, M.; Cavanilles, J.M.; Roca, J.
9.30	F40	Development of standardized CT-fluoro-matched navigation for endoscopically assisted anterior stabilization of unstable fractures of the thoracic and lumbar spine Gonschorek, O. / Gonschorek, O.; Katscher, S.; Engel, T.; Josten, C.
9.40	F41	Epidemiological analysis of 202 cases spinal injury in a tertiary referral centre Dussa, C. / Apsingi, S.; Dussa, C.U.; Soni, B.M.M.
9.50	F42	Spinal shock in spinal cord injury - is duration level dependant? Srivastava, R. / Srivastava, R.

ICL1**VERTEBROPLASTY AND KYPHOPLASTY**

MODERATORS: MHAILDI, H. (SPAIN)

10.00 – 11.00

**FREE PAPERS:
SPINE 2****LOW BACK PAIN 1**

MODERATORS: DAVID, T. (FRANCE); CANNAS, J. (PORTUGAL)

11.00 – 12.00

11.00	F43	Backpacks, back pain sagittal spine curves and trunk alignment in schooladolescents Koureas, G. / Koureas, G.; Zacharatos, S.; Petsinis, G.; Korovessis, P.
11.10	F44	High serum level of tnf- α correlates with chronic low back pain but not acute sciatica Wang, H. / Wang, H.; Glauben, R.; Gebhard, K.; Buchner, M.; Schiltenwolf, M.; Raum, B.; Brenner, H.; Mueller-Hilke, B.; Richter, W.
11.20	F45	Localized venous plexi in the lumbar spine compressing a nerve root Agarwal, A. / Hammer, A.
11.30	F46	Finite element analysis of anular lesions in the intervertebral disc Little, P. / Little, J.P.; Adam, C.; Evans, J.H.; Petett, G.; Pearcy, M.J.
11.40	F47	The impact of prosthesis height on range of motion and sagittal balance after total disc replacement - An in vitro study Cakr, B. / Schmidt, R.; Schmoelz, W.; Wilke, H.-J.; Puhl, W.; Richter, M.
11.50	F48	Impingement after total disc replacement - Trigger for implant loosening or protection against facet joint degeneration? Cakr, B. / Richter, M.; Puhl, W.; Schmidt, R.

SATURDAY

4 JUNE 2005

AUDITORIUM
3
AUDITORIUM
4

AUDITORIUM 3

INDUSTRY SYMPOSIUM	STRYKER "RESULTS MATTER" MODERATOR: EPINETTE, J.-A. (FRANCE)	12.30 - 14.00
	Exeter Hip in the young patient Gie, G.	
	Improvements in design and clinical results of the Wagner type prosthesis Binazzi, R.	
	Total knee replacement design: performance matters Panni, A.S.	

SYMPOSIUM 5	INSTABILITY OF LUMBAR SPINE MODERATORS: POSTACCHINI, F. (ITALY)	14.00 - 15.30
	Spondylolysis and isthmic spondylolisthesis David, T.	
	Degenerative spondylolisthesis Postacchini, F.	
	Degenerative scoliosis Floman, H.	
	Degenerative disc disease: when and how to treat surgically Kleinstuck, F.	
	Discussion	

AUDITORIUM 4

FREE PAPERS: KNEE 1	CLINICAL RESULTS TKA MODERATORS: LINDSTRAND, A. (SWEDEN); VARATOJO, R. (PORTUGAL)	8.00 - 10.00
8.00 F49	Mid-Term 8 years follow-up of the genesis total knee prosthesis Paleochorlidis, I. / Badras, L.; Georgakis, V.; Kostakis, A.; Georgiou, C.; Skretas, E.; Vossinakis, I.	
8.10 F50	Minimum 15 year follow-up of total knee arthroplasty (PFC) with retention of the PCL Parsch, D. / Parsch, D.; Dixon, M.; Brown, R.; Scott, R.D.	
8.20 F51	Early experiences with cruciate retaining high-flex-TKA Habermann, W. / Habermann, W.	
8.30 F52	5 year follow up of a cruciate retaining implant for TKA NexGen CR (Fa. Zimmer Inc.) Mai, S. / Mai, S.; Siebert, W.	
8.40 F53	Outcome of natural total knee replacement Kambhampati, S. / Vemulapalli, K.; Shah, A.N.; Sabti, A.; Plaha, H.S.	
8.50 F54	Full flexion after TKA Are we done yet? Tarabichi, S. / Hawari, M.; Tarabichi, Y.	
9.00 F55	Six-years results of the medial-pivot total knee arthroplasty Baltas, D / Macheras, G.A.; Baltas, D.; Kostakos, A.; Dallas, D.; Kateros, K.	
9.10 F56	Medium term results of the primary cemented modular Freeman-Samuelson total knee replacement: survival analysis and radiological outcome. Arora, J. / Ogden, A.C.	
9.20 F57	Cementless, hydroxyapatite coated total knee replacement. Long term results at 10-12 years Cross, M. / Hutchinson, J.R.; Parish, E.N.; Cross, M.J.	
9.30 F58	5 year results of the p.f.c. Sigma® total knee arthroplasty : a study of 525 cases Raman, R. / Kandiyil, N.; White,W.; Chapman, A.; Chakrabarty, G.	

AUDITORIUM 4**FREE PAPERS:
KNEE 1****CLINICAL RESULTS TKA**

MODERATORS: LINDSTRAND, A. (SWEDEN); VARATOJO, R. (PORTUGAL)

8.00 – 10.00

9.40 F59	Clinical outcome following bilateral staged total knee arthroplasty using the anatomic modular knee Sundaram, R. / Sundaram, R.O.; Finley, R.; Harvey, R.A.; Parkinson, R.W.
9.50 F60	Eleven year results of an hydroxyapatite coated total knee replacement. Oliver, M. / Keast-Butler, O.; Hinves, B.; Shepperd, J.

SYMPOSIUM 6**CURRENT CONCEPTS IN TREATMENT OF KNEE INSTABILITY**

MODERATORS: ENGBRETSEN, L. (NORWAY)

10.00 – 11.30

Introduction: Epidemiology and mechanisms of injury
Engebretsen, L.Ruptures of the MCL and posteromedial corner
Wymenga, A.Ruptures of the LCL and posterolateral corner
Johansen, S.Early reconstruction of ACL and PCL after knee dislocation
Lindahl, J.Acute knee dislocations
Engebretsen, L.**FREE PAPERS:
KNEE 2****NAVIGATION**

MODERATORS: CASTELEYN, P.P. (BELGIUM); MONTEIRO, A. (PORTUGAL)

11.30 – 12.30

11.30 F61	Assessing pre- and postoperative knee kinematics with navigation support in oxford unicompartmental knee arthroplasty: a cadaver study Aldinger, P. / Aldinger, P.R.; Gill, H.S. ; Rumolo, C.; Schlegel, U.; Murray, D.W. ; Breusch, S.J.
11.40 F62	Improved navigation technology including soft tissue balancing for mobile bearing e.motion TKA: a comparative study Kiefer, H. / Kiefer, H.; Schmerwitz, U.; Fuckert, O.
11.50 F63	Ligament balancing in navigation-assisted total knee arthroplasty : the effect of stress relaxation. Dhooghe, P. / D'Hooghe, P., Bellemans, J.; Fabry, G.; Manzotti, A.
12.00 F64	Femoral implant rotation alignment in total knee replacement - realibility and intraindividual variance of anatomical landmarks - is navigation the solution? Matthes, T. / Matthes,T.; Puhl, W.
12.10 F65	The navigator concept: advantages from controlled work-sharing in navigation assisted total knee arthroplasty Windhagen, H. / Windhagen, H.; Thorey, F.; Ostermeier, S.; Sturm, C.; Wirth,C.J.; Stukenborg-Colsman, C.
12.20 F66	Surgical navigator in total knee arthroplasty in patients with femoral deformities Hinarejos, P. / Puig, L.; Ballester, J.; Solano, A.; Marin, M.; Cáceres, E.

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AUDITORIUM 4

FREE PAPERS: KNEE 3		TKA TECHNIQUE MODERATORS: BÖHLER, N. (AUSTRIA); LEITÃO, J.C. (PORTUGAL)	14.00 – 15.30
14.00	F67	Risk-profiling in knee arthroplasty based on postoperative complications of 17644 arthroplasties Claus, A. / Claus, A.M.; Bosing-Schwenkenglens, M.; Scharf, H.-P.	
14.10	F68	How useful is preoperative planning in primary total knee arthroplasty? Roidis, N. / Nikolaos, R.; Athina, S.; George, B.; Dimitrios, C.; Theofilos, K.; Konstantinos, M.	
14.20	F69	Functional medial upslope in the natural knee related to total knee arthroplasty Thienpont, E. / Sioen Wouter, S.; Scott, B.	
14.30	F70	Posterior condyle resection in TKA and its relationship to postoperative flexion range Auld, J. / Langdown, A.J.; Van der Wall, H.; Walsh, W.R.; Walker, P.; Bruce, W.J.M.	
14.40	F71	Flexion: extension gap changes during total knee arthroplasty. Effect of posterior cruciate ligament and posterior osteophytes removal. Baldini, A. / Baldini, A.; Scuderi, G.R.; Aglietti, P.; Chalnick, D.; Insall, J.N.	
14.50	F72	Correlation between femorotibial contact point pathway in the sagittal plane and clinical results in a conventional posterior-cruciate retaining total knee arthroplasty. Lacoste, C. / Lacoste, C.; Barrena, E.G.; Puertolas, J.	
15.00	F73	In-vivo kinematics of ps and cr knees at known posterior slopes of the tibial component Fantozzi, S. / Catani, F.; Fantozzi, S.; Ensini, A.; Leardini, A; Moschella, D.; Giannini, S.	
15.10	F74	A comparison of clinical outcome and complication rates in obese and non-obese patients following total knee replacement for osteoarthritis? Amin, A. / Amin, A.; Patton, J.T.; Cook, R.E.; Brenkel, I.	
15.20	F75	Measured soft tissue balancing in total knee arthroplasty. Early results of a multi-centre study. Unitt, L. / Sambatakakis, A.; Johnstone, D.J.; Briggs, T.; Unitt, L.	

AUDITORIUM 5

FP EORS	8.00 – 9.30
FP EORS	10.00 – 11.30

AUDITORIUM 6

SYMPOSIUM 7	EORS/EFORT – PRESENT AND CURRENT STATE OF GENE THERAPY 8.00 – 9.30 MODERATORS: KIENAPFEL, H (GERMANY)
	Concepts and success of nonviral gene transfer in orthopaedics Richter, W.
	Present state and success of viral gene transfer in orthopaedics with a focus on bone healing Egermann, M.
	Gene therapy in cartilage, meniscus and tendon healing Martinek, V.

AUDITORIUM 6**SYMPOSIUM 8****EORS/EFORT – USEFULNESS OF STEM CELLS IN ORTHOPAEDICS**

10.00 – 11.30

MODERATORS: LEHENKARI, P. (FINLAND)

Stem cell biology – stem cells hypothesis as a novel explanation for healing and regeneration in skeletal tissue
 Väätänen, K.

Nerve cells – mesenchymal stem cells in nerve repair
 Dumont, C.

Cartilage cells – Mesenchymal stem cells for skeletal repair: a bright future?
 Vanlaeue, J.

Bone Cells – Clinical results of the 2 first attempts to heal NF-1 congenital tibial pseudoarthrosis with in vitro osteoblast transformed mesenchymal stem cells
 Lehenkari, P.

Closing remarks

EORS**CEREMONY AWARDS**

11.30 – 12.30

**FREE PAPERS:
RESEARCH****CELL BIOLOGY AND FRACTURES**

14.00 – 15.30

14.00	F76	Mechanical stimulation of human mesenchymal stem cells in vitro increases osteopontin mRNA Level Tuischer, J. / Tuischer, J.; Matziolis, G.; Krocker, D.; Duda, G.; Perka, C.
14.10	F77	Osteoprotegerin serum levels in shaft fractures non-union. Corradini, C. / Massimo, U.F.; Costantino, C.; Emanuele, V.F.; Petruccio, P.L.; Alessia, C.; Parravicini, L.; Occhipinti, V.; Gerundini, P.; Verdoia, C.
14.20	F78	Clinical treatment with bone morphogenetic proteins (BMP-7 ; OP-1) Salomone, C. / Biasibetti, A.; Salomone, C.; Di Gregorio, A.; Motta Navas, M.; Gallinaro, P.
14.30	F79	The causes of increased fracture healing seen with acute spinal cord injuries – direct or indirect? Quinlan, J. / Quinlan, J.F.; Watson, R.W.G.; Kelly, P.M.; O'Byrne, J.M.; Fitzpatrick, J.M.
14.40	F80	Morphological features of spine-derived human fibroblasts cultured on bioactive material Calvosa, G. / Moscato, S.; Cascone, M.G.; Lazzeri, L.; Danti, S.; Guido, G.; Calvosa, G.; Bernardini, N.
14.50	F81	Assessing the elastic properties of bone at microstructural level with load - depth sensing techniques Antonarakos, P. / Antonarakos, P.; Kapetanos, G.; Chistodoulou, A.; Petsatodes, G.; Tsougas, M.; Pournaras, J.
15.00	F82	Disc chondrocytes harvested by percutaneous lumbar discectomy for expansion in culture Grohs, J. / Matzner, M.; Krepler, P.

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AUDITORIUM 7

**FREE PAPERS:
HIP 3** **POLYETHILENE** **8.00 – 10.00**
MODERATORS: GALLINARO, P. (ITALY); NEVES, J. (PORTUGAL)

8.00	F83	New polyethylenes in total hip replacement. A prospective clinical study García-Rey, E. / Garcia-Cimbrelo, E.; Cruz-Pardos, A.; De La Cerdá, J.
8.10	F84	Do acetabular components made with cross-linked polyethylene undergo less in vivo wear than those made of conventional polyethylene? A prospective, double blind, randomised control trial Glyn-Jones, S. / Gill, R.; DPhil, I.; McLardy-Smith, P.; Murray, D.W.
8.20	F85	Gamma sterilisation under vacuum or inert atmosphere causes UHMWPE degradation. Brach del Prever, E. / Bracco, P.; Costa, L.; Gallinaro, P.
8.30	F86	Wear performance of a crosslinked polyethylene for total hip arthroplasty measured in-vitro and during a prospective randomized clinical study at five year follow-up. Grimm, B. / Geerdink, C.; Tonino, A.J.; Verburg, A.D.; Rondhuis, J.J.; Martell, J.M.; Heyligers, I.C.; Grimm, B.
8.40	F87	Highly cross-linked polyethylene in total hip arthroplasty. Randomised evaluation of penetration rate in cemented and uncemented sockets using radiostereometric analysis. Digas, G. / Digas, G.; Kärrholm, J.; Thanner, J.; Malchau, H.; Herberts, P.
8.50	F88	THA: highly cross-linked polyethylene: 3-5 year experience D'Antonio, J. / Capello, W.N.; Ramakrishnan, R.; Naughton, M.
9.00	F89	In vivo wear could be reduced by vitamin e stabilised UHMWPE. Costa, L. / Brach, E.M.; Bracco, P.; Gallinaro, P.
9.10	F90	Sequential irradiation and annealing overcomes drawbacks with current highly crosslinked ultra high molecular weight polyethylenes (UHMWPE) Essner, A. / Wang, A.; Yau, S-S.; Manley, M.; Dumbleton, J.
9.20	F91	Analysis of explanted acetabular components made of highly crosslinked polyethylene Abt, N. / Abt, N.A.; Schneider, W.; Rieder, V.; Köttig, P.
9.30	F92	Is prevention of dislocation at primary total hip arthroplasty a risk factor for accelerated aseptic loosening due to pe wear caused by impingement? Clauss, M. / Lüem, M.; Ochsner, P.E.
9.40	F93	Large diameter bearings: today options in THRs Piconi, C. / Piconi, C.; Dalla Pria, P.; Giacometti, C.R.
9.50	F94	Zirconia and alumina ceramics in comparison with stainless-steel heads: Polyethylene wear after 15 years follow-up. Hernigou, P. / Hernigou, P.; Poignard, A.; Manicom, O.; Fillipini, P.; Mathieu, G.

ICL 2 **PREVENTION AND MANAGEMENT OF RECURRENT DISLOCATION IN HIP ARTHROPLASTY** **10.30 – 11.30**
MODERATORS: GEESINK, R.W.T (THE NETHERLANDS)

FREE PAPERS: HIP 4	THA – GENERAL	14.00 – 15.30
	MODERATORS: PUHL, W. (GERMANY); FREITAS, R. (PORTUGAL)	
14.00	F95	The register of orthopaedic prosthetic implants in Apulia during 2001 – 2003 Germinario, C. / Torre, M.; Angelini, N.; Balducci, M.; Martinelli, D.; Mincuzzi, A.; Palmieri, S.; Schena, G.; Spica, A.
14.10	F96	Cost of total hip arthroplasty in a Belgian university hospital. Scheerlinck, T. / Scheerlinck, T.; Duquet, W.; Casteleyn, P.-P.
14.20	F97	An epidemiological analysis of a young total hip replacement population in Sweden. Hilmarsson, S. / Söderman, P.; Herbert, P.; Malchau, H.

AUDITORIUM 7

FREE PAPERS: HIP 4		THA - GENERAL MODERATORS: PUHL, W. (GERMANY); FREITAS, R. (PORTUGAL)	14.00 - 15.30
14.30	F98	Outcome of hip arthroplasty in octogenarians compared with younger patients Gray, A. / Walmsley, P.; Moran, M.; Brenkel, I.J.	
14.40	F99	How useful are national guidelines for the selection of prostheses for total hip replacement? Utting, M. / Utting, M.R.; Squires, B.; Learmonth, I.	
14.50	F100	Health-related Quality Of Life Evaluation. Comparative Study Between Cemented And Not Cemented Hip Arthroplasties. Garcia-Sandoval, M. / Garcia-Sandoval, M.A.; Gava, R.; Cervero, J.; Hernandez-Vaquero, D.	
15.00	F101	Do Pain Referral Patterns Determine Patient Outcome after Total Hip Arthroplasty? Lenehan, B. / Street, J.; Lenehan, B.; Flavin, R.; Beale, E.; Murray, P.	
15.10	F102	Use of telephone interviews to follow-up patients following total hip replacement Sharma, S./ Sharma, S.; Shah, R.; Draviraj, K.P.; Bhamra, M.S.	
15.20	F103	Outcome assessment of jia patients after total hip arthroplasty: Womac or Pasi questionnaires ? Jolles, B. / Jolles, B.M.; Bogoch, E.R.; Beaton, D.E.	

AUDITORIUM 8

FREE PAPERS: TRAUMA 1		EXTERNAL FIXATION MODERATORS: OMEROGLU, H. (TURKEY); LOPES, C. (PORTUGAL)	8.00 - 10.00
8.00	F104	Flap and frame. The treatment of grade 3 open fractures by tissue coverage and Ilizarov frame fixation Britten, S. / Britten, S.; Branfoot, T.; Liddington, M.; Fenn, C.	
8.10	F105	Treatment of high energy proximal and distal third fractures of the tibia with hybrid external fixation Babis, G. / Babis, G.C.; Tsailas, P.G.	
8.20	F106	The taylor spatial frame in trauma and limb reconstruction surgery: report of 100 cases. McFadyen, I. / McFadyen, I.; Atkins, R.	
8.30	F107	Pin-anchorage over the course of bone healing Schell, H. / Schell, H.; Reuther, T.; Hermann, J.; Bail, G.; Duda, N.	
8.40	F108	Initial experiences with a closed hydraulic system to lengthening the tibia and femur after trauma. Report on ten cases. Reynders, P. / Reynders, P.	
8.50	F109	Intramedullary nailing as augmentation method to Ilizarov bone transport Karabasi, A. / Karabasi, A. ; Giannikas, D.; Vandoros, N.; Lambiris, E.	
9.00	F110	Outcome of lower limb nonunion treatment using the sheffield ring fixator. Kasis, A. / Kasis, A.G.; Oleksak, M.; Saleh, M.	
9.10	F111	New biological method of internal fixation of the femoral nonunion according to Mitkovic Micic, I. / Mitkovic, M.; Mladenovic, D.; Golubovic, Z.; Milenkovic, S.; Stojiljkovic, P.	
9.20	F112	Complex deformity of the tibial pilon and correction with the distraction method Kirienko, A. / Kirienko, A.; Sansone, V.; De Donato, M.	
9.30	F113	Hybrid external fixation in the treatment of pilon fractures Papailiou, A. / Papailiou, A.; Stamatopoulos, G.; Chissas, D.; Theodorakopoulos, P.; Chatzistamatiou, K.; Asimakopoulos, A.	
9.40	F114	Treatment of septic nonunion pilon fractures with the Ilizarov device. Matzaroglou, C. / Matzaroglou, C.; Saridis, A.; Panagiotopoulos, E.; Vandoros, N.; Lambiris, E.	
9.50	F115	A motorized non-invasive in-vivo stiffness measurement device can predict bone regenerate consolidation Thorey, F / Thorey, F.; Floerkemeier, T.; Hurschler, C.; Schmeling, A.; Raschke, M.; Windhagen, H.	

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AUDITORIUM 8

FREE PAPERS: TRAUMA 2	PELVIC FRACTURES 1	10.00 – 11.00
	MODERATORS: HAAS, N. (GERMANY); DIMAS DE OLIVEIRA, A. (PORTUGAL)	

10.00	F116	External fixation for acute pelvic stabilization as a definite method of treatment Vasiliadis, E. / Vasiliadis, E.; Polyzois, V.D.; Grivas, T.B.; Koinis, A.; Malakasis, M.; Beltsios, M.
10.10	F117	Treatment of pelvic ring disruptions with Ilizarov frame. Preliminary report. Craveiro Lopes, N. / Craveiro Lopes, N.; Escalda, C.; Tavares, D.; Villacreses, C.
10.20	F118	Management Of Pelvic Ring Injuries Shah, N. / Shah, N.A.; Clayton, A.D.
10.30	F119	Operative treatment of floating hip Iotov, A. / Iotov, A.; Tzachev, N.; Enchev, D.; Baltov, A.
10.40	F120	Prospective Study of the Usefulness of CT Scanning Following Open Reduction and Internal Fixation of Acetabular Fractures O Shea, K. / O Shea, K.; Quinlan, J.G.; Waheed, K.; Brady, O.
10.50	F121	Outcome of acetabular fractures in unstable pelvic ring. Dedek, T. / Dedek, T.; Kralove, H.; Folvarsky, J.; Holecek, T.; Koci, J.; Pocepcov, I.; Trlica, J.; Zahradnicek, J.; Zvak, I.

FREE PAPERS: TRAUMA 3	PELVIC FRACTURES 2	11.00 – 12.00
	MODERATORS: HAAS, N. (GERMANY); DIMAS DE OLIVEIRA, A. (PORTUGAL)	

11.00	F122	Long term results of nonoperative treatment of pelvic ring injuries - an orthopaedic perspective Sosin, P. / Sosin, P.; Dutka, J.; Libura, M.; Skowronek, P.
11.10	F123	Long-term functional outcome following severe pelvic trauma: a comparison of vertical shear fractures to apc-iii, lc-iii, and Complex acetabular fractures. Raman, R. / Giannoudis, P.V.;
11.20	F124	Acetabular fractures - open reduction or percutaneous technique? Merenyi, G. / Merenyi, G.; Gergely, P.; Zag, I.;
11.30	F125	Radiographic landmarks for safe placement of iliosacral screws Johnston, A. / Johnston, A.J.; Adas, A.; Wong-Chung, J.
11.40	F126	The accuracy of computer assisted surgery with fluoroscopic registration in the simulated placement of percutaneous sacro-iliac screws. Stott, P. / Day, A.; Boden, R.
11.50	F127	Strategies in management of bleeding pelvic ring disruptions: analysis of 87 consecutive cases Castelli, F. / Castelli, F.; Spagnolo, R.; Sala, F.; Cadlolo, R.; Bonalumi, M.; Chiara, O.; Cimbanassi, S.; Rossi, A.; Capitani, D.

COMMERCIAL SYMPOSIUM	CERAMTEC	12.30 – 14.00
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BIOLOX® Ceramics: new applications and future perspectives
BIOLOX® Ceramics: status report and developments
CeramTec BIOLOX® ceramics is offering new applications in hip replacement:
BIOLOX® Option: the ceramic solution for revisions in THR
DUOLOX(r): the ceramic bipolar system
Ceramic knee implants

AUDITORIUM 8

FREE PAPERS: TRAUMA 4		FEMORAL SHAFT FRACTURES MODERATORS: HIRVENSALO, E. (FINLAND); MATOS, R. (PORTUGAL)	14.00 – 15.30
14.00	F128	Complications of long antegrade intramedullary nailing for femoral shaft fractures. analysis of 150 cases Giannakakis, N. / Giannakakis, N.; Beltsios, M.; Vasiliadis, E.; Giannakakis, N.; Malakasis, M.; Psarakis, S.	
14.10	F129	Negative predictors for a good outcome in ipsilateral diaphyseal femoral and tibial fractures Loupasis, G. / Anastopoulos, G.; Solomos, P.; Deros, J.; Biniaris, G.; Assimakopoulos, A.	
14.20	F130	Surgical options in the treatment of non-union of femoral and tibial shaft fractures after intramedullary nailing. Prasad, S./ Prasad, S.; Dwyer, T.; Phillips, A.M.	
14.30	F131	Management & outcome of femoral non unions: Our experience in the Limb Reconstruction Unit - King's College Hospital London Shetty, A. / Shetty, A.A.; Bommireddy, R.; Shenava, Y.; James, K.; Phillips, S.L.; Groom, F.G.	
14.40	F132	Retrograde femoral nail for distal femoral shaft fractures. Shah, Y. / Shah, Y.R.; Mohanty, K.	
14.50	F133	Accelerated bone healing in patients with femoral fracture and head injury Mushtaq, S. / Mushtaq, S.; Kambhampati, S.; Harwood, P.; Pape, H.C.; Mohammed, A.; Giannoudis, P.V.	
15.00	F134	Closed femoral nailing using ultrasound guidance: experiences in 150 cases Mahaisavariya, B. / Mahaisavariya, B.; Songcharoen, P.; Riansuwan, K.	
15.10	F135	Open versus closed femur fractures in polytrauma patients Waddell, J. / Schemitsch, E.H.; McKee,M.D.; McConnell, A.; James, S.	
15.20	F136	Management of femoral shaft fractures in adolescent patients Garneti, N. / Halder, S.C.	

AUDITORIUM 9

FREE PAPERS: PAEDIATRICS 1		CEREBRAL PALSY / TUMOURS MODERATORS: DUNGL, P. (CZECH REPUBLIC); AMARAL, S. (PORTUGAL)	8.00 – 10.00
8.00	F137	Paralytic dislocation of the hip - results and outcomes Guarda, E. / Branco,R.M.I.; Campagnolo, J.; Amaral, J.; Salis, J.	
8.10	F138	Predictors of outcome in hip reconstruction for cerebral palsy Gallacher, P. / Milligan, A.; Acharya, A.; Bass, A.	
8.20	F139	The foot deformities in patients with myelomeningocele Frydrychová, M. / Frydrychova, M.; Dungl, P.; Chomiak, J.; Adamec, O.;	
8.30	F140	Mid-term results of subtalar extra-articular arthrodesis. Poul, J. / Sramkova, L.	
8.40	F141	Videoscopic tenotomy of knee flexors in patients with CP Poul, J. / Bajerova, J.; Juma, J.	
8.50	F142	Role of pre operative arthrography in Perthes disease as a decision making tool. Is it really necessary? Devalia, K. / Colin, B.	
9.00	F143	Treatment of Legg-Calvé-Perthes disease utilizing early transphyseal tunneling and arthrodiastasis with an Ilizarov frame. Craveiro Lopes, N. / Craveiro Lopes, N.; Escalda, C.; Tavares, D.; Villacreses, C.	
9.10	F144	Osteofibrous dysplasia: the need for a radical surgical approach Lee, R. / Lee, R.S.; Weitzel, S.; Pringle, J.; Higgs, D.; Monsell, F.; Briggs, T.W.R.; Cannon, S.R.	
9.20	F145	Intracystic injection of corticosteroid, curettage with bone grafting and osteoinduction procedures in treatment of unicameral bone cyst in children. A comparative analysis of three methods Abramovic, D. / Brdar, R.; Vidosavljevic, M.; Ducic, S.; Bukva, B.	

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AUDITORIUM 9

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AUDITORIUM 9

**FREE PAPERS:
PAEDIATRICS 1** **CEREBRAL PALSY / TUMOURS** **8.00 – 10.00**

9.30	F146	Surgical treatment of fractures and deformities in patients with osteogenesis imperfecta Bergovec, M. / Anticevic, D.; Bergovec, M.; Djapic, T.
9.40	F147	Early experience of bisphosphonate use in adolescents with osteonecrosis Brown, R. / Brown , R.R.; Goergens, E.; Cowell,C.T.; Little, D.G.
9.50	F148	Arthroscopic evaluation of the wrist in children with osteochondromatosis and enchondromatosis of the forearm. Chomiak, J. / Chomiak, J.; Huracek, J.; Dungl, P.

**FREE PAPERS:
PAEDIATRICS 2** **TRAUMA 1** **10.00 – 11.00**

10.00	F149	Initial experience with trauma surveillance at a Regional Paediatric Hospital. Taylor, C/ Taylor, C.; Curtin, P.; Sheehan, E.; Moore, D.M.; Dowling, F.D.; Fogarty,E.E.
10.10	F150	Neglected traumatic posterior dislocation of hip in children-2 years review of 20 cases Sinha, S. / Shetty, R.;Housden, P.
10.20	F151	Prediction of deformity in children and adolescents with tibial fractures treated orthopedically Carbonell, P. / Domenech Fernández, P.; Vicente-Franqueira, J. R.
10.30	F152	Operative management of S-I joint disruptions Bhardwaj, G. / Gupta, R.K.
10.40	F153	The donaghue œterrible triad. observations on 34 anterior cruciate ligament (ACL) injuries in adolescents and pre-adolescents De Pablos, J. / de Pablos Fernandez, J.; Garcia Gonzalez, S.; Martinez Mariscal, J.; Tejero Ibanez, A.
10:50	F154	Paediatric Osteomyelitis - a dying breed? Morris, S. / Kiely, P.; Thornes, B.; Cassidy, N.; Stephens, M.; Mc Manus, F.

ICL 3 **ELASTIC STABLE INTRAMEDULLARY FIXATION OF DIAPHYSEAL FRACTURES IN CHILDREN** **11.00 – 12.00**

INDUSTRY SYMPOSIUM	ZIMMER "BONE PRESERVATION IN HIP ARTHROPLASTY"	12.30 – 14.00
	Mayo - It's all about preservation Hein, W.	
	Why sacrifice when you can preserve? Roberts, P.	
	DuromTM Hip resurfacing - The obvious choice for young and active patients. Middleton, R.	
	Sawbone presentation DuromTM Hip resurfacing Middleton, R.	
	Discussion Hein, W.	

AUDITORIUM 9

FREE PAPERS: PAEDIATRICS 3		TRAUMA 2 MODERATORS: KÄLIN, A. (SWITZERLAND); COSTA, G. (PORTUGAL)	14.00 – 15.30
14.00	F155	Titanium elastic nailing(TEN) for paediatric femoral fractures - an evaluation. Bhardwaj, G. / Bhardwaj, G.P.; Singla, A.	
14.10	F156	Comparison of biomechanical properties of flexible steel and titanium intramedullary nails in adolescent fractures Reddy, R.M / Reddy, V.R.M.; Miles, A. W.; Cunningham, J.L.; Gheduzzi, S.; Henman, P.	
14.20	F157	Is elastic intramedullary nailing technique better in children ? A prospective randomised trial Agarwal, A. / Selven, Hammer, A.J.; Deep, K.; Morar, Y.	
14.30	F158	Flexible nailing for displaced proximal humeral fractures in children. Johnson, P. / Johnson, P.; Kurien, B.; Belthur, M.V.; Jones, S.; Flowers, M. J.; Fernandes, J.A.	
14.40	F159	Treatment of proximal humeral fractures in children using elastically stable intramedullary nailing (ESIN) Chee, Y / Agorastides, I.; Chee, Y.; Carroll, F.A.; Garg, N.; Bass, A.; Bruce, C.E.	
14.50	F160	Surgical treatment of unstable displaced fractures of the forearm in children by smooth intramedullary pins. Volpin, G. / Volpin, G.; Lichtenstein, L.; Shtarker, H.; Chezar, J.; Kaushanski, A.; Daniel, M.	
15.00	F161	Treatment of long bone fractures in children using elastically stable intramedullary nailing (ESIN) Garg, N. / Garg, N.; Agorastides, Chee,Y.; Carroll, F.A.; Ramamurthy, C.; Bass, A.; Bruce, C.E.	
15.10	F162	Early active treatment of femoral shaft fractures in children. - A proposed protocol. Sturdee, S. / Sturdee, S.W.; Templeton, P.A.; Cullen, E.	
15.20	F163	Immediate incorporated hip spica cast application for paediatric femoral fractures Oztekin, H.H. / Dulgeroglu, A.; Olcer, O.; Ustaoglu, R. Gur.; Oztekin, H.H.; Sertoz,Z.	

AUDITORIUM 10

FREE PAPERS: INFECTION 1		INFECTION 1 MODERATORS: MEANI, E. (ITALY); OLIVA, S. (PORTUGAL)	8.00 – 10.00
8.00	F164	Nasty bugs are not always caught in hospital Walley, G. / Walley, G.; Ahmed, E.B.; Maffulli, N.; Bridgman, S.; Orendi, J.	
8.10	F165	Risk factors associated to postoperative infection after lower limb joint replacement surgery. A case control study. Adam, P. / Adam, P.H.; Peslages, P.H.; Zufferey, P.; Fessy, M.-H.	
8.20	F166	Complications of hip arthroplasty in patients on haemodialysis and renal transplantation Esteban, P.L. / Esteban-Navarro, P.L.; Garcia-Ramiro, S.; Cofan, F.; Riba, J.; Oppenheimer, F.; Suso, S.	
8.30	F167	Deep surgical wound infection after proximal femoral fracture: consequences and costs Pollard, T / Pollard, T.C.B.; Newman, J.E.; Barlow, N.J.; Price, J.D.; Willett, K.M.	
8.40	F168	Chronic posttraumatic osteomyelitis of the femur: treatment, microbiology, outcome Wolff, D. / Wolff, D.; Militz, M.; Buehren, V.	
8.50	F169	The stacked taylor spatial frame for segmental bone transport in the tibia. Maclean, A. / Latimer, P.; Atkins, R.M.	
9.00	F170	Segmental resection and bone transport distraction osteogenesis in the management of chronic osteomyelitis. Karabasi, A. / Karabas, A.; Giannikas, D.; Saridis, A.; Vandoros, N. Lambiris, E.	
9.10	F171	Intramedullary reaming as treatment of chronic osteomyelitis of long bones- a 10 to 15 years follow-up Granes, R. / Granes, R.; Maurer, T.B.; Mueller, U.; Ochsner, P.E.	
9.20	F172	Infectious complications of surgical treatment of pelvic ring injuries Dzupa, V. / Dzupa, V., Grill, R.; Baca, V.; Bakalar, B.; Vrankova, J.	

SATURDAY

4 JUNE 2005

AUDITORIUM 10

FREE PAPERS: INFECTION 1	INFECTION 1	8.00 – 10.00
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| 9.30 F173 | The use of platelet rich plasma for the treatment of bone loss in previously infected bones.
Romanò, C. / Galli, R.; Meani, E. |
| 9.40 F174 | Knee arthrodesis with two monolateral external fixators: 19 cases with a mean follow up of 7 years
Rochwerger, A. / Rochwerger, A.; Parratte, S.; Sbihi, A.; Roge, F.; Curvale, G. |
| 9.50 F175 | Antibacterial effectiveness of extracorporeal shock waves on typical pathogens of bone and implant-associated Orthopaedic infections
Gollwitzer, H. / Gollwitzer, H.; Horn, C.; Gerdesmeyer, L. |

ICL 4	ADVERSE EFFECTS OF RADIATION THERAPY ON BONE	10.00 – 11.00
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FREE PAPERS: TRAUMA 5	INFECTION	11.00 – 12.00
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| 11.00 F176 | Low intensity pulsed ultrasound for the treatment of septic non-unions.
Romanò, C. / Meani, E. |
| 11.10 F177 | Early internal fixation of multiple long bone fractures prevents bacterial translocation from gut
Oztuna, V. / Oztuna, V.; Ersoz, G.; Ayan, I.; Metin, M.; Eskandari, M.M.; Colak, M.; Kuyurtar, F. |
| 11.20 F178 | Is bacterial translocation commonly associated to multiple trauma? An experimental study.
Nikolaou, V. / Efthathopoulos, N.; Giamarellos-Bourboulis, E.J.; Lazarettos, J.; Nikolaou, V.; Baziaka, F.; Panousis, C. |
| 11.30 F179 | Risk of local infection following damage control procedures for femoral shaft fractures
Harwood, P. / Giannoudis, P.V.; Probst, C.; Grimme, K.; Krettek, C.; |
| 11.40 F180 | An outbreak of vancomycin resistant enterococcus in an elective orthopaedic unit. First reported orthopaedic outbreak with devastating effects.
Keeling, P. / Keeling, P.; O'Connor, P.A.; Daly, E.; Barry, O.; Khayyat, G.; Murphy, P.; Reidy, D.; Brady, O. |
| 11.50 F181 | Treatment of infected hip arthroplasties with discharging sinuses and bone loss in two stages with or without the use of an antibiotic loaded spacer
Cabrita, H. / Pires de Camargo, O.; Tesconi Croci, A. |

INDUSTRY SYMPOSIUM	SYNTES "TREATMENT OF METAPHYSEAL FRACTURES WITH OSTEOCONDUCTIVE BONE SUBSTITUTES"	12.30 – 14.00
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Treatment of metaphyseal fractures with osteoconductive and osteoinductive bone substitutes.
Lectures of the different experiences with osteoconductive and osteoinductive bone substitutes.
Abad Rico, I. (Spain), Betti, E. (Italy), Chelius, Ph. (France), Wymenga, A.B. (the Netherlands)

AUDITORIUM 10

SYMPOSIUM 9

SURGICAL TREATMENT OF SKELETAL METASTASES MODERATORS: MATJOVESKY JR., Z. (CZECH REPUBLIC)

14.00 - 15.30

Indication and alternatives for surgical treatment of skeletal metastases

Matejovsky, Z.

Endoprosthesis in the treatment of skeletal metastases

Wedin, R.

Intramedullary fixation of bone metastases

San Julian, M.

Extramedullary osteosynthesis for skeletal metastases

Szendroi, M.

Surgical treatment of metastases in the spine

Boriani, P.

Round table discussion

AUDITORIUM 11

FREE PAPERS: FOOT 1

HALLUX VALGUS

MODERATORS: RYDHOLM, U. (SWEDEN); FELICISSIMO, P. (PORTUGAL)

8.00 - 10.00

8.00 F182 Surgical treatment of Hallux Valgus: a clinical prospective randomized study comparing a distal metatarsal osteotomy (SERI) with scarf osteotomy
Giannini, S./ Ceccarelli, F.; Faldini, C.; Vannini, F.; Bevoni, R.

8.10 F183 Revel-osteotomy: a new minimal invasive technique for treatment of moderate to severe Hallux Valgus
Von Campe, A. / von Campe, A. ; Vienne, P.

8.20 F184 Hallux Valgus: proximal closing-wedge osteotomy of first metatarsal. report of 141 feet.
Pons, M. / Pons , M.; Alvarez, F.; Solana, J.; Viladot, R.

8.30 F185 Mitchell osteotomy for Hallux Valgus - Intermediate followup with pedobarographic findings
Dhukaram, V. / Dhukaram, V.; Hullin, M.G.

8.40 F186 Early results of 3D subcapital metatarsal osteotomy in the treatment of Hallux Valgus
Kolundzic, R. / Kolundzic, R.; Madjarevic, M.; Smigovec, I.; Matek, D.; Cuti, T.

8.50 F187 Later results of Austin corrective metatarsal osteotomy in the treatment of Hallux Valgus
Kolundzic, R. / Madjarevic, M.; Kolundzic, R.; Matek, D.; Smigovec, I.; Cuti, T.

9.00 F188 Modified chevron osteotomy and herbert screw fixation for correction of hallux valgus deformity
Matzaroglou, C. / Matzaroglou, C.; Panagiotopoulos, E. ; Chanos, M.; Papoutsakis, M.; Lambiris, E.

9.10 F189 Basal osteotomy with lateral soft tissue release and medial plication in the correction of moderate to severe Hallux Valgus
Anjum, S.N. / Anjum, S.N.; Denolf, F.

9.20 F190 The influence of personality traits on the subjective outcome of operative Hallux valgus correction
Radl, R. / Radl, R.; Leithner, A.; Zacherl, M.; Lackner, U.; Egger, J.; Windhager, R.

9.30 F191 The effect of pronation and inclination on radiological measurement of hallucial proximal articular angle
Cakmak, G./ Gokhan, C.; Ulunay, K.; Baris, K.; Haluk, Y.; Selcuk , B.

9.40 F192 Pedobarographic evaluation of modified mcbride procedure
Mittal, D. / Mittal, D.; Rajá, S.; Mehta, J.V.

9.50 F193 The first metatarsophalangeal joint meniscus : an anatomical and clinical study
Mulier, T. / Mulier, T.; Dereymaeker, G.

AUDITORIUM
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AUDITORIUM
11

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AUDITORIUM 11

FREE PAPERS: TRAUMA 6		ANKLE TRAUMA MODERATORS: WADDELL, J. (CANADA); TORRES, A. (PORTUGAL)	10.30 – 12.30
10.30	F194	Four year experience in the distal tibia high energy fractures treatment with Dynastab-S external fixator. Ziolkowski, M. / Deszczynski, J.; Ziolkowski, M.; Stolarczyk, A.; Koziel, T.	
10.40	F195	Tendinopathic achilles and patellar tendons present a similar histopathological picture Walley, G. / Maffulli, N.; Testa, V.; Capasso, G.; Sullo, A.; Ewen, S.; Benazzo, F.; King, J.; Sayana, M.K.	
10.50	F196	Delayed ankle fixation – does it really reduce incidence of wound complications? Michael, A.L.R. / Kurup, H.V.; Michael, A.L.R.	
11.00	F197	Outcome after fixation of ankle fractures according to AO principles. Is a subjective functional scoring system sufficient? Michael, A.L.R. / Michael, A.L.R.; Kansal, A.; Kumar, N.C.R.; Binfield, P.M.	
11.10	F198	Bi-malleolar ankle fractures: functional outcome at seven years (mean) following operative fixation Nanda, R. / Nanda, R.; Scott, S.; Rangan, A.	
11.20	F199	Poor long term functional outcomes of open reduction and internal fixation of unstable ankle fractures Mushtaq, S. / Mushtaq, S.; Gritz, M.; Giannoudis, P.	
11.30	F200	Outcomes of ankle fractures treatment – a ten year revision Soares, R. / Soares, R.; Soares, L.; Fontes, R.; Paz Ferreira, V.; Carneiro, F.; Carvalho Simoes	
11.40	F201	Open talar neck fractures do worse than closed ones; is there an evidence? Sidhom, S. / Sidhom, S.; Naguib, A.N.; Giannoudis, P.V.	
11.50	F202	Randomised trial of immediate weightbearing mobilisation versus plaster casting for the rehabilitation of acute repaired Achilles tendon ruptures Costa, M. / Chester, R.; Shepstone, L.; Robinson, A.H.; Donell, S.T.	
12.00	F203	Percutaneous repair of Achilles tendon rupture in modified technique Meyer, O / Gdolias, G.	

FREE PAPERS: FOOT 2		FOOT AND ANKLE MODERATORS: KOFOED, H. (DENMARK); FONSECA, V. (PORTUGAL)	14.00 – 15.30
14.00	F204	Evaluation of hindfoot dimensions – a radiological study Knupp, M. / Knupp, M.; Magerkurth, O.; Ledermann, H.; Hintermann, B.	
14.10	F205	Radial shock wave therapy (RSWT) in chronic plantar heel pain a prospective randomized Placebo controlled trial. Gerdesmeyer, L. / Henne, M.; Vesters, J.	
14.20	F206	Surgeons should not operate on ingrowing toenails Zarugh, A. / Shaath, N.M.; Zarugh, A.	
14.30	F207	Surgery in the foot and ankle performed with peripheral nerve blocks at the knee. Poultsides, L. / Varitimidis, S.E.; Poultsides, L.A.; Dailiana, Z.; Passias, A.; Kitsiopoulou, E.; Malizos, K.N.	
14.40	F208	The efficacy of combined popliteal and ankle blocks in forefoot surgery Rohit, S. / Rohit, S.; Kolita, A.; Zubairy, A.	
14.50	F209	Avascular necrosis of the talus treated with patellar-tendon bearing brace, a long-term follow-up study. Matricali, G. / Coeman, P.; Dereymaeker, G.	
15.00	F210	Evolution in autologous chondrocyte implantation (ACI) in osteochondral lesions of the ankle joint Giannini, S. / Giannini, Buda, R.; Vannini, F.; Grigolo, B.; Filippi, M.V.	

AUDITORIUM 12

FREE PAPERS : THA REVISIONS GENERAL ORTHOPAEDICS 1 MODERATORS: GEESINK, R.W.T. (THE NETHERLANDS); FIGUEIREDO, A. (PORTUGAL) 8.00 - 9.00

8.00	F211	Management of severe acetabular bone loss using a pedestal cup Perka, C. / Katterle, H.; Drahm, T.; Matziolis, G.
8.10	F212	Sinking and clinical results of the cementless modular revision stem revitan curved Fink, B. / Fink, B.; Singer, J.; Fuerst, M.; Schubring, S.; Grossmann, A.
8.20	F213	Cement in cement femoral revision with the exeter hip. Hubble, M. / Hubble, M.; Patten, A.; Duncan, W.; Howell, J.; Timperley, A.J.; Gie, G.
8.30	F214	Preoperative bone stock and cement-bone interface (shielding of medullary space) in revision total hip replacement for deep infection Nagai, H. / Nagai, R.; Raut, V.R.; Kay, P.R.; Wroblewski, B.M.
8.40	F215	Incidence of infection with the use of non-irradiated morcellised allograft bone washed at the time of surgery in revision hip arthroplasty Kwong, F.C.N.K. / Kwong F.C.N.K.; Power, R.A.
8.50	F216	Resection arthroplasty after removal of total hip prosthesis Wojciechowski, P. / Wojciechowski, P.; Kusz, D.; Cielinsk, L.; Drozhevsky, A.

CROSS FIRE 1 DOES SIZE MATTER IN APPROACH PELVIC FRACTURE MODERATORS: ROMMENS, M. (GERMANY) 9.00 - 10.30

Conventional ORIF in unstable pelvic lesions Rommens, P.M.
Dual approach to pelvic and acetabular fractures Hirvensalo, E.
Experience with CT based reduction and fixation of unstable pelvic fractures Messmer, P.
Advantages of C-arm based navigation in unstable pelvic fractures Stöckle, U.

FREE PAPERS: TECHNICAL PRINCIPLES HIP 5 MODERATORS: KRISMER, M. (AUSTRIA); FIGUEIREDO, A. (PORTUGAL) 11.00 - 12.30

11.00	F217	Effect of femoral stem centraliser design on cement mantle porosity Anderson, A. / Anderson, A.J.; Smythe, E.; Morgan, A.; Hamer, A.
11.10	F218	In vitro quantification of the cement mantle of femoral hip implants: development and validation of a CT-scan based tool. Scheerlinck, T. / Scheerlinck, T.; de Mey, J. ; Deklerck, R.
11.20	F219	Influence of the material composition of the bone cement on the wear behaviour of cemented total hip stems Bader, E. / Bader, R.; Steinhauser, E.; Holzwarth, U.; Winklmair, D.; Mittelmeier , W.
11.30	F220	Improvement in precision and reproducibility of acetabular cup orientation in total hip arthroplasty with a new mechanical guide. Elyazid, M. / Echeverrei, S.; Jolles, B.; Leyvraz, P.-F.; Zambelli, P.-Y.; Mouhsine, E.
11.40	F221	Assessment of bone defects around the acetabular cup with use of multislice computed tomography in total hip replacement Garcia-Cimbrelo, E. / Garcia-Cimbrelo, E.; Tapia, M.; Hervas, C.M.
11.50	F222	The influence of different wear couplings on the stability against dislocation of total hip replacement Bader, R. / Bader, R.; Goepfert, B.; Wirz, D.; Datzmann, T.; Steinhauser, E.; Mittelmeier, W.

SATURDAY

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AUDITORIUM 12

FREE PAPERS: HIP 5	TECHNICAL PRINCIPLES MODERATORS: KRISMER, M. (AUSTRIA); FIGUEIREDO, A. (PORTUGAL)	11.00 – 12.30
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12.00 F223	DEXA-Analysis of periprosthetic bone remodelling comparing two uncemented HA-coated hip stems during a 2-year follow-up. Grimm, B. / Tonino, A.J.; Rahmy, A.I.A.; van der Wal, B.C.H.; Blake, G.M.; Heyligers, I.C.; Grimm, B.
12.10 F224	A prospective, comparative study of bone remodelling around cemented and uncemented femoral stems; DXA scan vs computer simulation results. Malik, A. / Malik, A.; Nicols, S.; Pearse, M.; Bitsakos, C.; Amis, A.; Phillips, C.; Radford, W.; Banks, L.

CROSS FIRE 2	MANAGEMENT OF PROXIMAL HUMERAL FRACTURES FIX OR REPLACE MODERATORS: MONTEIRO, J. (PORTUGAL)	14.00 – 15.30
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Introduction
Monteiro, J.

Plating
Zyto, K.

Nailing
Thomazeau, H.

Replacing
Armengol, J.

Interactive Discussion

VIDEOS

NUMBER	NAME	TITLE
V1	Lutz, C.	ACL reconstruction by modified mc intosh fascia lata graft technique performed by arthroscopy. Technical aspect
V2	Oransky, M.	Sacroiliac joint dislocation in children associated tot Risser's nuclei injury
V3	Kazennov, V.	Orthopaedics and trauma in telemedicine field
V4	Bevilacqua, C.	Patellofemoral malalignment in adolescents: treatment by the arthroscopic all inside technique
V5	Denes, R.	Arthrodesis of the i. metatarsophalangeal joint for the treatment of Hallux Valgus in rheumatoid arthritis
V6	Girolami, M.	Treatment of intertrochanteric hip fracture by a new short underdimensioned intramedullary rod. 1.5 yrs experience at the Istituto Ortopedico Rizzoli
V7	Kapoor, S.	Review of results of hip arthroscopy in diagnosis and treatment of hip pain
V8	Asparouhov, A.	Elastic intramedullary nailing for treatment of humeral shaft fractures and nonunions
V9	Agarwal, A.	Kyphoplasty of vertebral fracture
V10	Pavelescu, G.	Our therapeutic attitude in surgical treatment of spondylolisthesis
V11	Pavelescu, G.	Spinal sepsis: suggestions and treatment

Auditorium 1 (1750 Seats) HIP 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osteous	Auditorium 7 (300 Seats) HIP 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30	FP Hip 1 1-1-08.00 Hip Fractures Patient Care 1 (9)	FP Spine 1 1-3-08.00 Spine Trauma (12)	FP Knee 1 1-4-08.00 Clinical Results TKA (12)	FP EORS	EORS / EFORT Symp 7 Present and Current State of Gene Therapy	FP Hip 3 1-7-08.00 Polyethylene (12)	FP Trauma 1 1-8-08.00 External Fixation (12)	FP Ped 1 1-9-08.00 Cerebral Palsy / Tumours (12)	FP Infection 1 1-10-08.00 Infection 1 (12)	FP Foot 1 1-11-10.00 Hallux Valgus (12)	FP Gen Orthop 1 1-12-10.00 THA Revisions (6)
08.30-09.00	Fast Track Surgery Surgery_(9)										Cross Fire 1 Does size matter in approach pelvic surgery?
09.00-09.30											
09.30-10.00	FP Hip 2 1-2-09.30 THR Materials (6)	FP Hip 2 1-2-09.30 Hip Fractures Patient Care 2 (6)	ICL 1 Vertebraloplasty	Symp 6* Current Concepts in treatment of Knee instability	FP EORS	EORS / EFORT Symp 8 Usefulness of Stem Cells in Orthopaedics and Trauma	FP Trauma 2 1-8-10.00 Pelvic Fractures (6)	FP Ped 2 1-9-10.00 Trauma 1 (6)	ICL 4 Adverse effects of radiation on bone		
10.00-10.30											
10.30-11.00	Symp 1* Do we need Surgery for RA	Symp 3* Total Patient care in management of Hip Fractures	FP Spine 2 1-3-11.00 Low Back Pain 1 (6)	FP Knee 2 1-4-11.30 Navigation (6)	EORS Ceremony Awards	ICL 2 Prevention and management of recurrent dislocation in Hip Arthroplasty	FP Trauma 3 1-8-11.00 Pelvic Fractures (6)	ICL 3 Elastic stable intramedullary nailing of diaphyseal fractures in	FP Trauma 5 1-8-11.00 Infection (6)	FP Trauma 6 1-11-10.30 Ankle Trauma (12)	FP Hip 5 1-12-11.00 Technical Principles (9)
11.00-11.30											
11.30-12.00											
12.00-12.30											
12.30-14.00	DEPUTY INTERNATIONAL Surgical Technique and Design Rationale of the Newly Launched ATN(tm) Trochanteric Nail	STRYKER EMEA Results Matter									
14.00-14.30	Symp 2* Minimal Invasive THA	Symp 4* Fall prevention by an European Network	Symp 5* Instability of Lumbar Spine	FP Reseach	FP Hip 4 1-6-14.00 Cell Biology and Fractures (9)	FP Trauma 4 1-8-14.00 THA General (9)	FP Ped 3 1-9-14.00 Femoral Shaft Fractures (9)	Symp 9 Surgical Treatment of Skeletal Metastases	FP Foot 2 1-11-14.00 Foot and Ankle (9)	Cross Fire 2 Management of Proximal humeral fractures Fix or Replace?	
14.30-15.00											
15.00-15.30											
15.30-17.00	Opening Ceremony										
17.00-18.00	Opening Exhibition										

Auditorium 1 (1750 Seats) HIP 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osteous	Auditorium 7 (300 Seats) HIP 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08:00-08:30	EHS	ARTOF	CSRS	SECEC	ESKKA	EFOST	EAMS / SSE	EPOS	ESPA (Trauma)	ESB	
08:30-09:00											
09:00-09:30											
09:30-10:00											
10:00-10:30	EHS										
10:30-11:00											
11:00-11:30											
11:30-12:00											
12:00-12:30											
12:30-14:00	Pfizer	Stryker EMEA Partnerships Matter									
14:00-14:30	EHS										
14:30-15:00											
15:00-15:30											
15:30-16:00											
16:00-16:30	EHS										
16:30-17:00											
17:00-17:30											
17:30-18:00	GSKO SMITH KLINE	Advanced risk management in joint surgery: matching the needs of clinical practice									
18:00-19:00											

Auditorium 1 (1750 Seats) HP 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osseous	Auditorium 7 (300 Seats) Hip 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) Orthopaedics
08.00-08.30	Symp 14 Wear, Particles and Consequences in THA	Symp 16 Fixation of Hip Fractures: Mini Invasive or open Surgery?	FP Spine 5 3-3-08.00 Kyphoplasty (9)	Symp 20 Orthopaedic Training in Europe	FP Should 1 3-5-08.00 Elbow / Forearm (12)	Symp 23 Navigation in future orthopaedics	FP Hip 9 3-7-08.00 Ressurfacing THA (12)	FP Trauma 9 3-8-08.00 Treatment (12)	FP Ped 5 3-9-08.00 DDH (12)	Symp 26 European Arthroplasty Registers	FP General Orthop 3 3-12-08.00 Basics (15)
08.30-09.00	FP Hip 7 3-1-10.00 Design / Technique (9)	ICL 9 Subtrochanteric fractures of the femur	Symp 18 Whip lash injuries	FP Knee 7 3-4-10.00 High Tibia Ost (9)	ICL 11 Prosthetic Arthroplasty of the Elbow	ICL 12 Implant Design operator, techniq related factors ...	FP Hip 10 3-7-10.30 Navigation and DEXA (6)	FP Trauma 10 3-8-10.00 #s Around the Knee (12)	FP Infection 2 3-10-10.30 Infection (12)	FP Foot 4 3-11-10.30 foot & ankle 3 (6)	Cross Fire 4 Infection in THA and TKA one stage or two stage arthro- plasty
09.00-09.30	10.30-10.30	FP Trauma 7 3-2-8.00 Femoral Neck and Subthoc. Hip Fractures (9)	ICL 10 Pathogenesis of idiopathic scoliosis	FP Knee 8 3-4-11.30 Revision (6)	FP Should 2 3-5-11.30 Elbow / Forearm (6)	ICL 13 Stress Transmission at the proximal femur in THA	ICL 14 Congenital pseudarthrosis of the tibia	ICL 15 Ankle replacement			
09.30-10.00	11.00-11.30	11.30-12.00	12.00-12.30	Invited G. Speak Freddie Fu	ASTRAZENECA Thrombopro- phaxis in ortho- paedics surgery – new guidelines, new options	STRYKER EMEA Innovation Matters	ZIMMER NCB® – Proximal Humerus and Distal Femur Osteosynthesis Plate with Polyaxial Locking Screws	SMITH & NEPHEW Anatomic ACL Reconstruction – "Ask the Expert"	SYNTHERES PFNA	MEDTRONIC Sofamor Danek New Opportuni- ties for Use of Growth Factors in Orthopaedic Surgery	B. BRAUN – AESCLAP OrthoPilot® THR Navigation Experiences – Applications – Results
12.30-14.00	14.00-14.30	14.30-15.00	15.00-15.30	15.30-16.00	Symp 19 Disk Prosthesis results and alternatives	Symp 22 Acute manage- ment of major hand injuries	FP Trauma 11 3-8-14.00 Organisation and Evaluation (9)	FP Shoulder 3 3-10-14.00 Shoulder Implants (9)	Symp 27 Controversies in Hallux valgus Surgery	Cross Fire 5 Osteotomy VS Unicondylar arthroplasty for the knee	FP Should 4 3-12-15.30 Shoulder Instability (9)
14.00-14.30	14.30-15.00	15.00-15.30	16.00-16.30	16.30-17.00	FP Trauma 8 3-2-14.00 Femoral Neck Fractures (12)	FP Knee 9 3-4-14.00 Unicompart TKA (12)	FP Hip 11 3-7-14.00 Minimally Invasive THA 1 (9)	FP Trauma 12 3-9-14.00 Shoulder and Elbow (12)			
14.30-15.00	15.00-15.30	15.30-16.00	16.00-16.30	16.30-17.00	Symp 15 What is Normal Hip Anatomy	Symp 24 When it goes wrong. Medical Legal aspects in Orthop and Traumatology	FP Hip 12 3-7-16.00 Minimally Invasive THA 2 (12)	FP Hand 1 3-5-16.00 Hand 1 (12)	FP Trauma 13 3-10-16.00 Distal Radius Fractures (12)	FP Hip 13 3-11-16.00 THA Loosening (12)	FP Should 4 3-12-15.30 Shoulder Instability (9)
15.00-15.30	15.30-16.00	16.00-16.30	16.30-17.00	17.00-17.30	FP Hip 8 3-1-16.00 Dysplasia (12)	FP Spine 6 3-3-16.00 Low Back Pain 2 (12)	FP Knee 11 3-6-16.00 Anterior Knee Pain (12)	Symp 25 Continuous Medical Education CME in Europe			FP Should 5 3-12-17.00 Evaluation Physiotherapy (6)
15.30-16.00	16.00-16.30	16.30-17.00	17.00-17.30	17.30-18.00	Symp 17 How to prevent the second Fracture	Symp 21 Continuous Medical Education CME in Europe					

Auditorium 1 (1750 Seats) HIP 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osteous	Auditorium 7 (300 Seats) HIP 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30	FP Hip 14 4-1-08.00 Revision THA 1 (9)	ICL 17 Pharmacological Tools in Orthop	FP Spine 7 4-3-08.00 Cervical Spine (12)	Symp 31 Blood Loss and Blood Management in Orthopaedics Surgery	FP Should 6 4-5-08.00 Shoulder Girdle Lesions (15)	Symp 32 The future of cartilage repair	FP Hip 16 4-7-08.00 THA – Cement Technique (6)	FP Trauma 14 4-8-08.00 Blood Management and DVT (12)	FP Tumours 1 4-10-08.00 Tumors 1 (12)	FP Foot 5 4-11-08.00 Foot & Ankle 1 (12)	FP General Orthop 4 4-12-08.00 HIP (15)
08.30-09.00		Symp 29 Recent Ost Innovations					FP Hip 17 4-7-08.00 THA (9)				
09.00-09.30							ICL 20 Femoropatellar replacement				
09.30-10.00							FP Knee 12 4-4-10.00 Mobile Bearing (9)				
10.00-10.30	Symp 28 Minimal Device or Replacement for the HIP						FP Knee 14 4-6-11.00 Meniscus (9)				
10.30-11.00		FP Hip #s 3 4.2.10.30 Trochanteric Hip Fractures (12)					FP Hip 18 4-7-11.00 Wear Particles (9)				
11.00-11.30								ICL 21 Hip Dysplasia Diag / Treat from birth to old age			
11.30-12.00	ICL 16 on the Fem Side Strategies and								FP Upper Limp 4-10-11.30 Elbow #s (6)		
12.00-12.30											
12.30-13.15											
13.15-14.00	Closing Ceremony										
14.00-14.30	FP Hip 15 4-1-14.00 Revision THA 2 (12)		FP Spine 8 4-3-14.00 Spine Technique (6)	FP Knee 13 4-4-14.00 Patella Femoral (12)	FP Hand 2 4-5-14.00 Hand 2	FP Knee 15 4-6-14.00 Chondrocytes Transplantation (12)	FP Trauma 16 4-8-14.00 Hip Disorders (12)	FP Trauma 17 4-9-14.00 Trochanteric Hip Fractures (12)	FP Hip 20 4-10-14.00 Upper Limb (12)	FP Trauma 18 4-11-14.00 Mini Invasive (12)	FP General Orthop 5 4-12-14.00 Clinical Series (12)
14.30-15.00											
15.00-15.30			FP Spine 9 4-3-15.00 degenerative spine (6)							FP Trauma 19 4-11-15.00 Lower Limb (6)	
15.30-16.00											

SUNDAY
5 JUNE 2005

AUDITORIUM 1

EHS	DDH FROM CHILDHOOD TO ADULT AGE	8.00 – 10.00
	MODERATORS: GIACOMETTI CERONI, R. (ITALY); ZAGRA, Z., (ITALY)	
8.00	Etiology of congenital hip dislocation Wicart, P.; Seringe, R.	
8.10	Twenty years experience in HIP Sonography. Problems, experience, results Graf, R.	
8.20	Early ultrasound-guided treatment of DDH De Pellegrin, M. (Italy)	
8.30	Morphological variations of residual hip dysplasia in the adult Ganz, R. (Switzerland)	
8.40	Discussion Surgical treatment: osteotomies Chairmen: Garcia Cimbrelo, E. (Spain); Zagra, L. (Italy)	
9.00	The correction of the anatomical defects of the children hips and its torsional sequaellae in adults: analysis and therapeutic deductions Terver, S.	
9.10	Surgical treatment in early paediatric age Cigala, F.; Sadile, F.; Lotito, F.M.	
9.20	Surgical treatment in late paediatric age Cigala, F.; Sadile, F.; Lotito, F.M.	
9.30	Triple pelvic osteotomy in DDH: more than 15 years follow-up Dungl, P. (Czech Republic)	
9.40	Chiari pelvic osteotomy in DDH: more than 15 years follow-up Randelli, G (Italy); Randelli, F. (Italy)	
9.50	Wagner spherical periacetabular osteotomy: long term follow-up Giacometti Ceroni, R. (Italy); Zagra, L. (Italy); Corbella, M.	
10.00	Ganz periacetabular osteotomy in acetabular dysplasia Soballe, K.	
10.10	Shelf procedure in DDH through a minimal invasive approach Chiron, P. (France)	
10.20	Is there a need for conservative surgery in DDH adult patients? Lessons learned after thirty year experience Aubaniac, J.-M. (France) Flecher, X. ; Casiraghi, A. (Italy); Argenson, J.-N. (France)	
	Discussion	
EHS	THA IN DDH	11.00 – 12.00
	MODERATORS: BANNISTER, G. (UK); KRISMER, M. (AUSTRIA)	
11.00	The three dimensional anatomy of the hip in osteoarthritis following DDH and its consequences for total hip arthroplasty Argenson, J.-N. (France); Flecher, X. ; Parratte, S. ; Aubaniac, J.-M.	
11.10	Hip-spine relationships: practical consequences for THA implantation Lazennec, J.-Y. (France)	
11.20	THA preoperative planning in DDH Spotorno, L. (Italy); Grappiolo, G. (Italy)	
11.30	Total Hip Replacement in High DDH: The Turkish Experience Tokgozoglu, M. (Turkey)	
11.40	Acetabular impaction grafting in primary THA in dysplasia Gardeniers, J. (France); Schreurs, B.	
11.50	THA in high iliac dislocation Spotorno, L.(Italy); Grappiolo, G (Italy).	
12.00	Discussion	

FREE PAPERS: 1st name = author / follow by co-authors

Auditorium 1 (1750 Seats) Hip 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osseous	Auditorium 7 (300 Seats) Hip 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30	EHS	ARTOF	CSRS	SECEC	ESKKA	EFOST	EAMS / SSE	EPOS	ESPA (Trauma)	ESB	
08.30-09.00											
09.00-09.30											
09.30-10.00											
10.00-10.30											
10.30-11.00	EHS			SESEC	ESKKA						
11.00-11.30											
11.30-12.00											
12.00-12.30											
12.30-14.00	Pfizer	STRYKER EMEA Partnerships Matter				ZIMMER The Zimmer Institute – Step into the future with MS™ Arthroplasty	MATHYS Long Term Results of RM-CUP and Innovations in Hip, Knee and Shoulder Arthroplasty				
14.00-14.30	EHS	Symp 10 Thoraco lumbar burst Fractures. Which surgery?		ICL 5 Management of failures after Knee Lig Surgery	ICL 6 Scaphoid fractures and Non-unions	ICL 7 Avascular Necrosis of the knee	ICL 8 Geriatric Orthopaedics	EAMS / SSE	FP Spine 3 2-9-14.00 Scoliosis (9)	FP Foot 3 2-11-14.00 Diabetic Foot (9)	FP Gen Orthop 2 2-12-14.00 TKA (12)
14.30-15.00							ZIMMER MS™ Symposium: Minimally Invasive and Bone Preserving Techniques in Hip and Knee Replacement				
15.00-15.30							FP Hip 6 2-7-15.30 THA Cementless (15)				
15.30-16.00	FP Ped 4 2-3-15.30 Trauma 3 (6)			FP Knee 4 2-4-15.30 Ligament Injury (15)	FP Knee 5 2-5-15.30 Ligament Injury (15)		FP Spine 4 2-9-16.00 General (12)				
16.00-16.30	EHS	FP Pelvis 1 2-3-16.00 Fractures Osteotomy (12)		TPA Min Inv Surg (15)							
16.30-17.00		GLAXO SMITH KLINE									
17.00-17.30		Advanced risk management in joint surgery: matching the needs of clinical practice									
17.30-18.00											
18.00-19.00											

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our booth!

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PROGRAM

- | | |
|--|-----------------------------|
| 1. RM-Cup: Long term results of over
2000 Implantations | T. John, MD, Berlin |
| 2. First experiences with the expanSys cup | D. Suvà, MD, Nyon |
| 3. Innovation in unicondylar knee prosthesis
Results and Concept of the unique
ligament balancing technique. | A. Wymenga, MD,
Nijmegen |
| 4. Innovation in Shoulder Arthroplasty:
New anatomical adjustments – easy
and reproducible | P. Zenz, MD, Vienna |
| 5. Discussion and Lunch | |

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SUNDAY
5 JUNE 2005

AUDITORIUM 1

EHS	ROUND TABLE: CUP IN DDH MODERATORS: GIACOMETTI CERONI, R. (ITALY)	14.00 - 15.30
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Aubaniac, J.-M.; Cherubino, P. (Italy); Garcia Cimbrelo, E. (Spain); Gardeniers, J.(France); Loehr, J.; Randelli, R.

EHS	THE CHOOSE CHOICE OF THE FEMORAL COMPONENT MODERATORS: TABUTIN, J.; PROENCA, J.A. (PORTUGAL)	15.30 - 17.00
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15.30	The use of custom cementless stem for total hip arthroplasty in developmental dysplasia Argenson, J.-N. (France); Flecher, X. ; Parratte, S. ; Aubaniac, J.-M.
15.40	Cemented femoral stems in patients with DDH Garcia Cimbrelo, E. (Spain)
15.50	Conus uncemented stem in DDH Cherubino, P.(Italy); Zatti, G.; D'Angelo, F.
16.00	Modular stems in DDH Benazzo, F. (Italy); Ravasi, F.; Dalla Pria, P.; Bonzanini, G.
16.10	Is there a space for minimal invasive THA surgery in DDH? Catonniè, Y.
16.20	Revision and infection of THA in DDH Loehr, J.
16.40	Discussion

AUDITORIUM 2

SPECIALITY SOCIETY DAY: ARTOF	FEMORAL FRACTURES - TOP TO BOTTOM MODERATORS: SARMIENTO, A., (USA)	8.00 - 12.00
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The title of this program is "Femoral Fractures - Top to Bottom". All types femoral fractures pose a significant threat to the patient and a significant challenge to the treating surgeon. In this seminar we propose to discuss each type of femoral fracture in terms of current recommendations for treatment and anticipated outcome. This will be an evidence-based symposium of fracture management which will allow the practitioner to make decisions relating to patient care knowing that the decision made will be based on the latest information and recommendations.

There will be a series of lectures with ample opportunity for question and answer as well as audience participation with panelists through case discussions.

Chairman: Waddell, J.P. (Canada)

Proximal Femur

Displaced femoral neck fractures, current recommendations for treatment

Johansson, T.

Intertrochanteric/subtrochanteric fractures, current recommendations for treatment, statistical analysis of outcomes

Bartonicek, J.

Case presentations

Waddell, J.P. (Canada)

Femoral Shaft

Non-surgical options

Hallett, J. (UK)

Femoral shaft fractures, changing patient demographic and influence on treatment and outcomes

Court-Brown, Ch.

AUDITORIUM 2

**SPECIALITY
SOCIETY DAY:
ARTOF**

FEMORAL FRACTURES – TOP TO BOTTOM

MODERATORS: SARMIENTO, A., (USA)

8.00 – 12.00

Femoral shaft fractures in polytrauma, timing and type of intervention
Keating, J. (UK)

Supracondylar
Distal third/supracondylar fractures
Goesling, Th.

Case presentations
Waddell, J.P. (Canada)

Conclusion
Sarmiento, A. USA)

**INDUSTRY
SYMPOSIUM**

**PFIZER SYMPOSIUM "COX-2-SPECIFIC INHIBITORS AS
COMPONENTS OF MODERN PAIN MEDICATION: ISSUES,
FACTS AND USE IN SURGERY"**

MODERATORS: EKMAN, E.; DE ALMEIDA, L.

12.30 – 14.00

Chairmen's introduction

Ekman, E.; de Almeida, L.

What's really going on with COX-2 specific inhibitors?
Ekman, E.

PROSPECT: clinical recommendations from evidence and practice
Simanski, Ch.

Parecoxib in the postoperative setting
Joshi, G.

Chairmen's conclusion
Ekman, E.; de Almeida, L.

**EFORT
SYMPOSIUM 10**

THORACO LUMBAR BURST FRACTURES. WHICH SURGERY
MODERATORS: MINEIRO, J. (PORTUGAL)

14.00 – 15.30

Overview / state of the art
Cumhur Oner, F.

The anterior approach
Harms, J.

The posterior approach
Acaroglu, E.

Decompression – indications, timing
Mineiro, J.

Conclusions
Mineiro, J.

AUDITORIUM 2

FREE PAPERS PAEDIATRICS 4	TRAUMA 3 MODERATORS: IPPOLITO, E. (ITALY); DA CUNHA, L. (PORTUGAL)	15.30 – 16.30
15.30	Hand Injuries in Children: A Prospective Study. Vadivelu, R. / Dias, J.J.; Burke, F.D.; Stanton, J.;	
15.40	Redisplacement of paediatric forearm fractures: role of plaster moulding & padding Bhatia, M. / Housden, P.	
15.50	Elbow Dislocation in Children Complicated by Radial Neck Fracture Lopes, G. / Cassiano Neves, M. ; Migueis, P. ; Monteiro, J.	
16.00	Elbow dislocation in children and teenager: retrospective study of 196 cases Prové, St. / Heizmann, J.; Laumonier F.	
16.10	Ulnar osteotomy for reduction of chronic anterior radial head luxation in children Moller-Madsen, B. / Moller-Madsen, B.; Hvid, I.; Sojbjerg, J.O.	
16.20	Osteosynthesis with Biodegradable Polydioxanon Pins versus Metal K-Wires in Displaced Fractures of Lateral Condyle, Medial Epicondyle and Medial Condyle in Child's Elbow A Prospective Randomised Study Kolar, I. / Kolar, I.; Keretic, D.	

INDUSTRY SYMPOSIUM	GLAXO SMITH KLINE "ADVANCED RISK MANAGEMENT IN JOINT SURGERY: MATCHING THE NEEDS OF CLINICAL PRACTICE"	17.00 – 19.00
The GSK symposium, entitled 'Advanced risk management in joint surgery: matching the needs of clinical practice', will provide a practical insight into advances in the management of patients undergoing orthopaedic surgery and how fondaparinux can help to successfully manage the surgical outcome. The programme, chaired by Dr Juan Arcelus, will address the needs of surgeons in clinical practice, highlighting surgical techniques, thromboprophylactic treatment and concomitant use of catheter for anaesthesia/ analgesia. This will be supported by the current ACCP guidelines and data from new clinical trials, FLEXTRA and EXPERT.		

AUDITORIUM 3

SPECIALITY SOCIETY DAY: CSRS	NO PROGRAMME YET!!	8.00 – 12.00
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INDUSTRY SYMPOSIUM	STRYKER "PARTNERSHIP MATTERS" MODERATOR: EPINETTE, J.-A. (FRANCE)	12.30 – 14.00
	MIS Hip; MIS Knee; MIS Trauma; MIS Spine Nogler, M.; Chauhan, S.; Ganem, F.; Kolkman, K.	

EFORT SYMPOSIUM 11	CAN WE PREVENT DVT AND PULMONARY EMBOLISM AFTER ORTHOPAEDIC SURGERY? MODERATORS: ERIKSSON, B.I. (SWEDEN)	14.00 – 15.30
	Introduction: Can we prevent DVT and pulmonary embolism after orthopaedic surgery? Eriksson, B.I.	
	Introduction of International Surgical Thrombosis Forum (ISTF) Dahl, O.E.	

AUDITORIUM 3

EFORT SYMPOSIUM 11	CAN WE PREVENT DVT AND PULMONARY EMBOLISM AFTER ORTHOPAEDIC SURGERY? MODERATORS: ERIKSSON, B.I. (SWEDEN)	14.00 - 15.30
Arterial and venous thromboembolic complications after major orthopaedic surgery. Epidemiological considerations. Dahl, O.E.		
Thromboembolic complications in orthopaedic surgery - a survey study of 25284 patients de Brie, E.		
Avoidable or unavoidable deaths in fractured neck of femur patients Frostick, S.P.		
Symptomatic Venous thromboembolism and mortality after hip fracture surgery: The ESCORTE Study Vielpeau, C.		
Extended thromboprophylaxis after major orthopedic surgery based on clinical endpoints. Risk profile analysis needed. Borris, L.C.		
General discussion and closing remarks		

FREE PAPERS PELVIS 1	PELVIS, FRACTURES, OSTEOTOMY	16.00 - 18.00
MODERATORS: GANZ, R. (SWITZERLAND); CABRAL, T. (PORTUGAL)		
16.00 F231 Acetabular reconstruction with bone impaction grafting and a Cemented cup for osteoarthritis after acetabular fracture is attractive - a 3 to 18 years follow-up study. Schreurs, B. / Schreurs, B.W.; Zengerink, M.; Welten, M.L.M.; van Kampen, A.; Slooff, T.J.J.H.		
16.10 F232 Total hip arthroplasty following acetabular fracture. A minimal 5-year follow-up study Hamadouche, M. / Baque, F. ; Courpied, J.-P.		
16.20 F233 Extensile triradiate approach in the surgical treatment of complex acetabular fractures Kinik, H. / Kinik, H.; Armangil, M.		
16.30 F234 Combined external fixation/angiography treatment algorithm for pelvic fractures with associated hemodynamic instability: results in 68 patients Ruiz, R. / Doussoux, C.; Baltasar, P.L.; Studer de la Oya, J.L.; Erasun, A.R.		
16.40 F235 Dall-Miles cable and plate system for periprosthetic femoral fractures Kurian, J. / Kurian, J.; Shah, S.		
16.50 F236 Analysis of periprosthetic fractures with the ABG-I uncemented hip stem using an adjusted Vancouver classification system. Grimm, B. / van der Wal, B.C.H.; Tonino, A.J.; Geerdink, C.; Grimm, B.; Heyligers, I.C.		
17.00 F237 Cannulated interlocking titanium alloy and hydroxyapatite coated implant in periprosthetic fracture treatment Middleton, F.R. / Middleton, F.R.; Trikha, S.P.; Matthews, H.; Raynam, O.; Lewis, J.; Ward, D.A.		
17.10 F238 Is there a place for shelf acetabuloplasty in the management of adult acetabular dysplasia? Fawzy, E. / Fawzy, E.; Mandellos, G.; De Steiger, R.; McLardy-Smith, P.; Benson, M.; Murray, D.		
17.20 F239 Kotz osteotomy: a new modified surgical approach Gunes, T. / Gunes, T.; Erdem, M.; Sen, C.		
17.30 F240 Clinical and radiological mid- and long term results after treatment of acetabular dysplasia with the triple osteotomy according to Tonnis Skwara, A. / Skwara, A.; Wisotzky, J.; Patzer, T.; Tibesku, C.O.; Fuchs, S.		
17.40 F241 Computerassisted navigation of complex multiplanar correction osteotomies at the proximal femur using a standard C-Arm fluoroscopy Burgkart, R. / Burgkart, R.; Gottschling, H.; Roth, M.; Gradinger, R.		
17.50 F242 Rotational acetabular osteotomy for hip dysplasia :100 hips followed for 8-16 years Yasunaga, Y. / Hisatome, T.; Tanaka, R.; Yamasaki, T.; Ochi, M.		

AUDITORIUM 4

SYMPORIUM 12	BONE AND JOINT DECADE. ITS IMPACT ON EDUCATION RESEARCH AND FUTURE CARE	10.30 – 12.30
	MODERATORS: LIDGREN, L. (SWEDEN)	
	The value of chondroprotective treatment in osteoarthritis Lidgren, L.; Heinegård, D.; Lohmander, St.; Moskowitz, R.W.	
ICL 5	MANAGEMENT OF FAILURES AFTER KNEE LIGAMENT SURGERY	14.00 – 15.00
	MODERATORS: ESPREGUEIRA MENDES, J. (PORTUGAL)	
FREE PAPERS KNEE 4	TKA – MINIMALLY INVASIVE SURGERY	15.30 – 18.00
	MODERATORS: DODD, CH. (UNITED KINGDOM); SALRETA, F.	
15.30 F243	First results of a controlled observational study comparing minimally invasive navigated total knee replacement to open-navigated total knee replacement (TKR) Claus, A. / Claus, A.M.; Roessing, S.; Mueller-Falcke, A.; Scharf H.P.	
15.40 F244	Preliminary report of the first 52 quad-sparing minimally invasive total knee replacement Udvarhelyi, I. / Udvarhelyi, I.; Hangody, L.; Karpati, Z.; Tacsik, B.	
15.50 F245	Quadriceps sparing minimally invasive total knee replacement: initial experience and comparison to a matched set of non-MIS total knee replacements Gustke, K. / Gustke, K.	
16.00 F246	Minimal invasive total knee arthroplasty.early results. Alevrgiannis, St. / Alevrgiannis, S.; Kouris, Th.; Christoforidis, N.; Antonis, K.; Babalis, I.; Papadelis, P.	
16.10 F247	MIS quad sparing technique in TKA Benazzo, F. / Benazzo, F.; Stroppa, S.	
16.20 F248	Mini-invasive computer assisted bi unicompartmental knee replacement Confalonieri, N. / Confalonieri, N. ; Manzotti, A. ; Motavalli, K. ; Fascia, M.	
16.30 F249	Analysis of bilateral simultaneous medial Oxford unicompartmental knee replacement using the minimally invasive approach von Arx, O.A. / von Arx, O.A.; Khandekar, S.; Langdown, A.J.; Deo, S.D.	
16.40 F250	The unicompartmental Oxford Phase 3 prosthesis in patients of 75 years or older using a minimally invasive technique Lisowski, L.A. / Lisowski, A.E.; Bouwhuis, M.G.; Lisowski, L.A.	
16.50 F251	The learning curve in the minimally invasive technique for the unicompartmental Oxford Phase 3 knee prosthesis Lisowski, L.A. / Lisowski, A.E.; Bouwhuis, M.G.; Lisowski, L.A.	
17.00 F252	Our experiences with minimal invasive medial unicompartmental knee arthroplasty Gunther, T. / Gunther, T.; Major, B.; Lakatos, T.	
17.10 F253	Minimally invasive unicompartmental knee replacement with a non-image-based navigation system Perlick, L. / Bathis, H.; Luring, Ch.; Kalteis, T.; Tingart, M.	
17.20 F254	Improvement in driving reaction time after minimally invasive total knee arthroplasty Hernigou, Ph. / Hernigou, Ph.; Poignard, A.; Manicom, O.; Filippini, P.; Mathieu, G.	
17.30 F255	The AMC-Uniglide experiences with minimal invasiv-technique Bontemps, G. / Bontemps, G.; Saxler, G.	
17.40 F256	Does a navigation device improve the results of MIS in total knee arthroplasty? Sparmann, M. / Sparmann, M.; Wolke, B.; Zink, A.	
17.50 F257	Navigation improves accuracy of rotational alignment in total knee arthroplasty Stoeckl, B. / Kessler, O.; Nogler, M.; Krismer, M.	

AUDITORIUM 5

SPECIALITY DAY SECEC **ASPECTS OF GLENO-HUMERAL INSTABILITY** **8.00 – 12.00**

8.00	Introduction, aim of the course Overview history and classification of gleno-humeral instability Ralph Hertel
8.30	Arthroscopic findings in gleno-humeral instability (acute and chronic changes) Alex Castagna
9.00	Reasons for recurrences after anterior shoulder stabilisation Antonio Cartucho
9.30	Assessment and quantification of Glenoid rim deficiencies Markus Wambacher
10.00	Pause
10.30	Treatment of glenoid rim deficiencies: Latarjet procedure Laurent.nove-josserand
11.00	Treatment of glenoid rim deficiencies: J graft Markus Wambacher
11.10	Treatment of glenoid rim deficiencies: bicortical graft Ralph Hertel
11.20	Complications of open stabilisation Antonio Cartucho
11.30	Complications of arthroscopic stabilisation Alex Castagna
11.55	Closing remarks Ralph Hertel

SPECIALITY SOCIETY DAY: SECEC **SHOULDER INSTABILITY** **MODERATORS: HERTEL, R. (SWITZERLAND)** **8.00 – 10.00**

Castagna, A.
Nove-Josserand, L.
Wambacher, M.
Lichtenbacher, S.
Hertel, R.

SPECIALITY SOCIETY DAY: SECEC **SHOULDER INSTABILITY** **MODERATORS: HERTEL, R. (SWITZERLAND)** **10.30 – 12.30**

ICL 6	SCAPHOID FRACTURES AND NONUNIONS MODERATORS: D'ARIENZO, M. (ITALY)	14.00 – 15.00
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AUDITORIUM 5

FREE PAPERS KNEE 5		LIGAMENT INJURY MODERATORS: ENGBRETSEN, L. (NORWAY); NORONHA, J.C. (PORTUGAL)	15.30 – 18.00
15.30	F258	Symptomatic partial anterior cruciate ligament ruptures:surgical result of 67 athletes following single bundle reconstruction Pimpalnerkar, A. / Kaleel, S.S.; Ramisetty, N.M.; Mohtadi, N.	
15.40	F259	Anterior and posterior cruciate ligament loading in depending on the co-contraction of the hamstrings muscles during extension motions - a direct dynamic in vitro measurement Ostermeier, S. / Ostermeier, S.; Stein, C.; Hurschler, C.; Stukenborg-Colsman, C.	
15.50	F260	Morphological features influencing graft stability in Press-Fit ACL reconstruction Dargel, J. / Dargel, J.; Schmidt-Wiethoff, R.; Schmidt, J.; Koebeke, J.	
16.00	F261	Biomechanical evaluation of femoral fixation techniques in ACL-reconstruction Staerke, Ch. / Staerke, Ch.; Moehwald, A.; Groebel, K.-H.; Bochwitz, C.; Becker, R.	
16.10	F262	Influence of bone plug length and loading angle on the primary stability of patellar tendon bone grafts in Press-Fit ACL reconstruction Dargel, J. / Schmidt Wiethoff, R.; Dargel, J.; Schneider, T.; Koebeke, J.	
16.20	F263	Differences in graft orientation using the transtibial and anteromedial portal technique in ACL reconstruction. An MRI prospective study Hantes, M. / Zachos, V.; Basdekis, G.; Zibis, A.; Dailiana, Z.; Malizos, K.	
16.30	F264	Influence of closing the prelevement site of an anterior cruciate ligament reconstruction using the midthird patellar tendon on patellar height Charrois, O. / Cheyrou, E.; Boisrenoult, Ph.; Beaufils, Ph.	
16.40	F265	Patellar tendon or four-strand hamstring? A systematic review of autografts for anterior cruciate ligament reconstruction Forster, M.C. / Forster, M.C.; Forster, I.W.	
16.50	F266	Donor site morbidity in the first year after ACL reconstruction using autografts: a comparison between hamstrings and patellar tendon Hantes, M. / Zachos, V.; Basdekis, G.; Zibis, A.; Varitimidis, S.; Dailiana, Z.; Malizos, K.	
17.00	F267	Revision anterior cruciate ligament surgery analysis of an homogenous serie of 77 cases Rollier, J.-Ch. / Moyen, B.; Besse, J.-L.; Lerat, J.-L.	
17.10	F268	Day surgery acl reconstruction with patellar tendon Canata, G.-L. / Chiey, A.	
17.20	F269	COX-2 positive cells accumulate in the early healing period in the tendon graft after ACL reconstruction: an animal study Dynybil, Ch. / Dynybil, Ch.; Tobler, M.; Schlichting, K.; Schmidt, C.; Perka, C.; Weiler, A.	
17.30	F270	The relationship of the sciatic nerve to the tendons used for ACL reconstruction in the posterior thigh: an anatomical study Egan, C. / Egan, C.; O'Regan, A.; Last, J.; Zubovic, A.; Moran, R.	
17.40	F271	Changes in muscle fibre length in stable and unstable knees after ACL injury Bonsfills, N. / Bonsfills, N., Gomez-Barrena, E.; Raygoza, J.J.; Nuñez, A.	
17.50	F272	Traumatic dislocation of knee and its management Ravendran, V.	

AUDITORIUM 6

SPECIALITY SOCIETY DAY: ESSKA	MANAGEMENT OF SYMPTOMATIC OSTEOARTHOSIS IN THE YOUNG ATHLETE MODERATORS: DENTI, M. (ITALY); ESPREGUEIRA-MENDES, J. (PORTUGAL)	8.00 – 12.30
	Shoulder	
8.00	Partial rotator cuff tear: strategy and treatment Nové-Josserand, L. (France)	
8.15	Acromion-clavicular joint problems Seil, R. (Luxemburg)	
8.30	Instability and pain Nebelung, W. (Germany)	
8.45	Discussion	
	Ankle	
9.00	Arthroscopy of the ankle in a symptomatic arthritic joint Van Dick, N. (the Netherlands)	
9.15	Chronic Instability and osteoarthritis Espregueira-Mendes, J.; Amado, P.; Torres, A. (Portugal)	
9.30	Sequelae of ankle fractures - solutions without arthroplasty in a young athlete Knupp, M. (Switzerland)	
9.45	Arthroplasty of the ankle and sports activities Vienne, P. (Switzerland)	
10.00	Discussion	
10.15	Coffee break	
	Knee	
10.45	Meniscectomy and arthritis Verdonk, R. (Belgium)	
11.00	ACL lesion and sport in over 40 Thomas, N. (United Kingdom)	
11.15	Patello-femoral problems: type of treatment Fritschy, D. (Switzerland)	
11.30	Cartilage problems in early arthritis in post-meniscectomy: surgical alternative to osteotomy Engebretsen, L. (Norway)	
11.45	Osteotomy and professional sport: indications and considerations Volpi, P.; Denti, M. (Italy)	
12.00	Osteotomy and ACL reconstruction Benedetto, K.P. (Austria)	
12.15	Discussion	
ICL 7	AVASCULAR NECROSIS AT THE KNEE MODERATORS: CARPINTERO-BENITEZ, P. (SPAIN)	14.00 – 15.00
INDUSTRY SYMPOSIUM	ZIMMER MIS™ "MINIMALLY INVASIVE AND BONE PRESERVING TECHNIQUES IN HIP AND KNEE REPLACEMENT"	15.00 – 19.00

SUNDAY
5 JUNE 2005

AUDITORIUM 7

SPECIALITY SOCIETY DAY: EFOST		8.00 – 12.30
	First Session: Lumbar spine and sport	
7.45	Welcome	
8.00	Biomechanics In low back pain	
8.10	Epidemiology, exercises, rehabilitation and low back pain	
8.20	Lesion patterns	
8.30	Lesion patterns in children and adolescents	
8.45	Congenital defects and lumbar pain in sport	
8.55	Disc pathology in elite athlete	
9.05	Disc pathology during growth	
9.15	Spondilolysis- Listhesys	
9.25	Back problems and solutions in cyclists	
9.35	Lumbar spine in middle aged and amateur sportsmen	
9.45	Discussion	
10.00	Coffee break	
10.30	Conservative Treatment	
10.40	Surgical Treatments ; Endoscopic surgery	
10.50	Intradiscal electrotherapy for discogenic low back pain in amateur athletes. A prospective case-series study	
11.05	Clinical outcome of IDET in discogenic low back pain: a prospective study of 74 patients with a 29 months follow up	
11.20	Rizolysis	
11.30	Open surgery: is there still the space?	
11.40	Major surgery: when is sport possible?	
11.50	Discussion	
12.00	Lunch Break	
INDUSTRY WORKSHOP		12.30 – 14.00
ICL 8	ZIMMER "THE ZIMMER INSTITUTE – STEP INTO THE FUTURE WITH MISTM"	14.00 – 15.00

AUDITORIUM 7

FREE PAPERS HIP 6		CEMENTLESS THA MODERATORS: HÄMÄLÄINEN, M. (FINLAND); RIBEIRO, C. (PORTUGAL)	15.30 – 18.00
15.30	F273	Uncemented primary femoral stems in Norway 1987-2002 Hallan, G. / Hallan, G.; Havelin, L.I.; Furnes, O.	
15.40	F274	High failure of the acetabular component of the Omnifit total hip prosthesis Nieuwenhuis, J. / Nieuwenhuis, J. ; Waal, Malefijt de, J. ; Gosens, T. ; Bonnet, M.	
15.50	F275	Late-term results of uncemented ceramic-ceramic total hip arthroplasty Synder, M. / Drobniowski, M.; Grzegorzewski, A.	
16.00	F276	Different long-term results of the femoral stem and the acetabular cup of the ABG-I Total Hip Arthroplasty system. Grimm, B. / Tonino, A.J.; Geerdink, C.; Grimm, B.; Heyligers, I.C.	
16.10	F277	Five to fifteen year follow up of hydroxyapatite coated hip replacements Faig, J. / Faig, J.; Faig, J.	
16.20	F278	A flexible Press-Fit cup in total hip replacement. Fifteen year follow-up in 280 procedures Berli, B.J. / Berli, B.J.; Dick, W.	
16.30	F279	Bihapro Cup. Multicentric study. Murcia, A. / Murcia-Mazon, A.; Paz-Jimenez, J.; Hernandez-Vaquero, D.; Suarez-Suarez, M.A.; Montero-Diaz, M.	
16.40	F280	Clinical results, fixation and polyethylene wear of a second generation cementless pororus coated acetabular cup. A long-term study. García-Rey, E. / Garcia-Rey, E.; Garcia-Cimbrelo, E.; Cordero, J.	
16.50	F281	Comparative analysis of results of cementless arthroplasty with application of cups of two different shapes. Matewski, D. / Kruczynski, J.; Szymkowiak, E.	
17.00	F282	Minimum 5 year follow-up of a new Hemispheric Press-Fit cup with Trabecular-Metal(r) surface. Widmer, K.-H. / Bereiter, H.; Ackermann, J.-P.; Friederich, N.F.	
17.10	F283	13 years results: 593 total hip replacements Harris/Galante cup combined with the Spotorno CLS cementless stem, or Müller straight stem. Engfred, K. / Engfred, K.; Singh, U.; Mejdaahl, S.; Petersen, V.; Lemser, T.	
17.20	F284	Perioperative Vancouver A and B1 fractures during non-cemented primary total hip arthroplasty (THA) do not affect postoperative hip performance. Windhagen, H. / Lerch, M.; Thorey, F.; Kiel, D.; Finck, M.; Wirth, C.J.; Windhagen, H.	
17.30	F285	Low rate of osteolysis and loosening in long-term total hip arthroplasty with the non-cemented CLS expansion cup. Neves, R. / Neves, R.; Sarmento, M.; de Carvalho, S.; Silverio, S.; Gomes, L.	
17.40	F286	The JRI - Furlong total hip replacement: 5-7 years experience with the hydroxyapatite coated CSF cup. Pillai, R.S. / Pillai, A.; Sween, M.; Wishaw W.	
17.50	F287	Midterm clinical and radiological results of a new anatomical adapted stem system for cemented and cementless fixation. Schütz, U. / Puhl, W.; Schütz, U.	

SUNDAY

5 JUNE 2005

AUDITORIUM 8

SPECIALITY SOCIETY DAY: EAMST	SYMPOSIUM MODERATORS: KATTHAGEN, B. (GERMANY)	8.00 – 12.00
8.25	Opening address Kathagen, B. (Germany)	
	Symposium: Prevention of infection in bone allograft surgery Vehmeijer, S. (the Netherlands); Kathagen, B. (Germany)	
8.30	Introduction. The importance of contamination and infection using bone allograft. A survey from the literature Vehmeijer, S. (the Netherlands)	
8.40	What does «pathogen» mean for a microbiologist? Frommelt, L. (Germany)	
8.50	Survey of tissue contamination at procurement from different countries Stafford, H. (United Kingdom); Mancini, I. (Italy)	
9.10	Antibiotic impregnation: a new adjunct in decontamination? Vancomycin-tobramycin Rifampycin-cefuroxime Various antibiotics The view of the microbiologist Winkler, H. (Austria); Hirn, M. (Finland); Witso, E. (Norway); Frommelt, L. (Germany)	
9.50	Discussion Stafford, H. (United Kingdom)	
10.10	Procedures I follow in OR to minimize contamination Taminiau, A. (the Netherlands); Donati, D. (Italy)	
10.30	Coffee break	
11.00	Guest Lecture: tissues and cell regulation in Europe (Loty, B.) Pannel discussion Loty, B. (France); Bloem, R. (the Netherlands); Frommelt, L. (Germany); Fornasari, P.L. (Italy)	
12.00	Free programme Salai, M. (Israël); Delloye, C. (Belgium)	
12.00	PRP is a safe method for ex-vivo expansion of SCC to be used in tissue reconstruction Donati, D. (Italy); Lucarelli, E. (Italy); Beccheroni, A. (Italy); di Maggio, N. (Italy)	
12.10	Stromal stem cells and platelet rich plasma improve bone allograft integration in a critical defect model Donati, D. (Italy); Lucarelli, E. (Italy); Beccheroni, A. (Italy); di Maggio, N. (Italy); Fini, M. (Italy); di Bella, C. (Italy); Giavaresi, G. (Italy); Martini, L. (Italy); Giardino, R. (Italy); Mercuri, M. (Italy)	
12.20	Minimally invasive bone autograft procurement Kathagen, B. (Germany)	
12.30	Lunch	

AUDITORIUM 8

INDUSTRY SYMPOSIUM	MATHYS "LONG TERM RESULTS OF RM-CUP AND INNOVATIONS IN HIP, KNEE AND SHOULDER ARTHROPLASTY"	12.30 - 14.00
	RM-Cup: Long term results of over 2000 Implantations with excellent survival rate. First experiences with the expanSys cup. Innovation in unicondylar knee prosthesis: Results and Concept of the unique ligament balancing technique. Innovation in Shoulder Arthroplasty: New Anatomical Adjustments - easy and reproducible	
SPECIALITY SOCIETY DAY: EAMST	ROUND TABLE: INDICATIONS OF LARGE BONE ALLOGRAFT IN 2005: DECLINING OR EXPANDING? MODERATORS: MISSENARD, G. (FRANCE); CAPANNA, R. (ITALY)	14.00 - 18.00
14.00	Introduction Vehmeijer, S. (the Netherlands)	
14.05	PRO and CON debate: Knee tumor in teenagers: still a place for an osteoarticular allograft in 2005? Pro: Poitout, D. (France) Con: Winkelmann, W. (Germany) 2 cases presentation Poitout, D. (France); Winkelmann, W. (Germany); Vehmeijer, S. (the Netherlands)	
14.35	Composite allograft with prosthesis: still an interest? Donati, D. (Italy); Taminiau, A. (the Netherlands); San Julian, M. (Spain)	
15.05	Pelvic allografts Delloye, C. (Belgium); Ribas M. (Spain)	
15.25	Intercalary allografts Segmental without arthrodesis Segmental with arthrodesis Capanna, R. (Italy); Thomazeau, H. (France)	
15.45	Onlay allografts Deijkers, R. (the Netherlands)	
15.55	Discussion with the panel Vehmeijer, S. (the Netherlands); Missenard, G. (France)	
16.20	General Assembly Where do we go? Proposal of the EAMST new board Elections Next subject for 2007 Closure of the meeting Katthagen, B. (Germany)	

AUDITORIUM 9

SPECIALITY SOCIETY DAY: EPOS	CONTROVERSY IN TREATMENT OF CLUBFOOT MODERATORS: IPPOLITO, E. (ITALY); KRAUSPE, R. (GERMANY)	8.00 – 10.00
8.00	Pathological anatomy of clubfoot Epeldegui, T. (Spain)	
8.15	Prenatal ultrasonographic diagnosis of clubfoot Ezra, E. (Israel)	
8.27	Errors in surgery of clubfoot Dimeglio, A. (France), Canavese, F. (France)	
8.42	The natural history of relapsed talipes and functional status Clarke, N.M. (United Kingdom); Uglow, M. (United Kingdom)	
8.52	Interest of kinematic analysis in the evaluation of operated clubfoot Jouve, J.L.; Kotajarvi, B.R.; Shaughnessy, W.J.; Kitaoka, H.B.; Kaufman K.R.; USA; France	
9.04	Evaluation of clubfeet using gait analysis and foot pressure measurement. Comparison of surgically and conservatively treated clubfeet. van Campenhout, A.; Molenaers, G.; Moens, P.; Desloovere, K.; Fabry, G. Belgium	
9.16	Gait lab control results in clubfoot surgery Grill, F. (Austria); Wrage-Brors, E. (Austria); Kranzl, A. (Austria)	
9.28	Clinical, radiographic and CT scan results of two series of skeletally mature clubfeet treated by two different protocols Ippolito, E. (Italy)	
9.40	Coffee break Chairman: Epeldegui, D.	
10.00	Ponseti technique for clubfoot surgery - early results Grill, F. (Austria); Radler, Ch. (Austria); Suda, R. (Austria)	
10.15	The Ponseti method in clubfoot treatment - the Swiss Lamprecht, E. (Switzerland)	
10.27	Management and results of clubfoot with the Ponseti Morcuende, J. (USA)	
10.42	Percutaneous treatment of clubfoot in newborns Fernandez Palazzi, F. (Venezuela); Rivas, S. (Venezuela); Chakal, F. (Venezuela)	
10.54	Had long-term studies any influence on strategy of clubfoot surgery? Dutoit, M. (Switzerland)	
11.06	Critical analysis of the long-term outcome of anterolateral release for the treatment of congenital talipes equinovarus Sionek, A. (Poland); Czubak, J. (Poland); Czop, A. (Poland) Sotirow, B. (Poland)	
11.18	Long-term results after scheel's operation for clubfoot Krauspe, R. (Germany)	
11.33	An extensive subtalar release in surgical treatment of clubfoot - long-term results Dungl, P. (Czech Republic)	
11.48	Different approach in the operative treatment of cong. clubfoot and its results Kokavec, M.; Gajdos, M.; Kusin, M.	
12:00	Lunch break Charimen: Grill, F. (Austria); Bollini, G. (France)	
12.30	Revision surgery in clubfoot Lehman, W.B. (USA)	
12.45	Indications for surgery in relapsed talipes Clarke, N. (United Kingdom); Uglow, M. (United Kingdom)	
12.55	Correction of foot deformities Hosny, G.A. (Egypt)	

AUDITORIUM 9

SPECIALITY SOCIETY DAY: EPOS	CONTROVERSY IN TREATMENT OF CLUBFOOT MODERATORS: IPPOLITO, E. (ITALY); KRAUSPE, R. (GERMANY)	8.00 – 10.00
13.07	Treatment of neurogenic clubfoot Chomiak, J. (Czech Republic); Dungl, P. (Czech Republic); Frydrychova, M. (Czech Repbulic)	
13.17	Transfer of tibial anterior tendon in the treatment of residual clubfoot Adamec, O. (Czech Repbulic); Dungl, P. (Czech Repbulic); Chomiak, J. (Czech Repbulic); Frydrychova, M. (Czech Repbulic); Ostadal, M. (Czech Repbulic);	Lectures lasting 10 min will be followed by 5 min discussion. Lectures lasting 8 min will be followed by 4 min discussion. Lectures lasting 7 min will be followed by 3 min discussion
FREE PAPERS SPINE 3	SCOLIOSIS MODERATORS: DICKSON, R. (UNITED KINGDOM); DE ALMEIDA, L. (PORTUGAL)	14.00 – 15.30
14.00 F288	Does idiopathic scoliosis affect quality of life? Comparison with the normal population. Symeonidis, P. / Christodoulou, A.; Symeonidis, P.D.; Petsatodes, G.; Hatzisymeon, A.; Pappas, L.; Pournaras, J.	
14.10 F289	Brace effect on quality of life in adolescents with idiopathic scoliosis Vasiliadis, E. / Vasiliadis, E.; Grivas, T.B.; Mouzakis, V.; Maziotou, C.; Koufopoulos, G.; Gkotsiou, K.	
14.20 F290	Decrease of the strength and resistance of the respiratory muscles in patients with AIS and COBB > 45°. Impaired exercise capacity Ramirez, M. / Ramírez, M.; Martínez, J.; Molina, A.; Bagó, J.; Guiral, G.; Cáceres, E.; Colomina, M.J.	
14.30 F291	Fixed lumbar apical vertebral rotation predicts spinal decompensation in Lenke 3C type adolescent idiopathic scoliosis after posterior thoracic correction and fusion Behensky, H. / Cole, A.A.; Freeman, B.J.C.; Grevitt, M.P.; Mehdian, H.S.; Webb, J.K.	
14.40 F292	The role of recovered autologous blood transfusioin in anterior scoliosis surgery Mirza, A. / Mirza, A.H.; Aldlyame, E.; Bhimarasetty, C.; Spilsbury, J.; Marks, D.	
14.50 F293	Delayed post-operative neurological deficit after posterior spinal fusion for adolescent idiopathic scoliosis: possible association with post operative anemia Fernandes, P. / Weinstein, S.	
15.00 F294	A mechanical testing comparison between a stainless steel and titanium paediatric spinal system used for the correction of scoliosis Martin, A. / Martin, A.G.; Marks, D.S.; Firkins, P.; Handley, M.	
15.10 F295	Leeds procedure: An Indian experience Singh, R. / Singh, H.P.; Sangwan, S.S.; Siwach, R.C.; Singh, R.	
15.20 F296	Radiographic evaluation of concave rib osteotomies in the surgical treatment of high magnitude thoracic curves. Review of 34 patients. Pereira, M. / Ventura, N.; Ey, A.; Neves, L.; Ramos, M.; Alves, Ch.; Dinis, M.	

SUNDAY

5 JUNE 2005

AUDITORIUM 9

FREE PAPERS SPINE 4

GENERAL

MODERATORS: BORIANI, ST. (ITALY); PASSARINHO, M. (PORTUGAL)

16.00 – 18.00

16.00	F297	Pre-incident psychiatric morbidity amongst personal injury claimants Nadarajah, V. / Asumu, Th.; Nadarajah, V.; Asumu, H.
16.10	F298	How to assess outcome of dorsolumbar disorders Vorlat, P. / Vorlat, P.; Farhad, Z.; Duquet, T.W.; Haentjens, P.
16.20	F299	Mechanical lower back pain: association between magnetic resonance imaging and symptom distribution Karnezis, I. / Pasapula, Ch.
16.30	F300	MRI measurements in cauda equina syndrome: reproducibility and prediction of clinical outcome McCarthy, M.J.H. / McMarthy, M.J.H.; Brodie, A.; Aylott, C.E.W.; Annesley-Williams, D.; Jones, A.; Grevitt, M.P.
16.40	F301	Cauda Equina syndrome: factors affecting the outcome of 42 patients with a mean follow up of 5 years McCarthy, M.J.H / McMarthy, M.J.H.; Brodie, A.; Aylott, C.E.W.; Annesley-Williams, D.; Grevitt, M.P.; Bishop, M.C.
16.50	F302	Acute Paraspinal Compartment syndrome: a rare, potentially life-threatening condition Khan, R. / Fick, D.; Guier, Ch.; Menolascino, M.; Neal, M.
17.00	F303	The importance of intra-operative autologous blood transfusion in spinal surgery Al-Sarawan, M. / Al-Sarawan, M.; Hussein, R.; Mostert, M.J.; Sakka, S.
17.10	F304	The use of cultivated autologous periosteal cells in monosegmental lumbar spondylodesis Funk, J. / Gross, Ch.; Disch, A.; Schneider, S.; Tohtz, St.; Perka, C.; Putzier, M.
17.20	F305	Instrumentation protocol in spinal tuberculosis(our experience in 147 cases over 11 year period) Sivaraman, A. / Raman, A.S.; Ravi; Hegde, S.K.
17.30	F306	Decompression with instrumentation in Pott's Paraplegia Srivastava, R. / Srivastava, R.
17.40	F307	Oblique sub-facet distance: a new prognostic indicator for the development of contra-lateral symptoms following discectomy Shetty, A. / Shetty, A.; Shaw, N.; Greenough, C.G.
17.50	F308	Patient based outcomes for the operative treatment of degenerative lumbar spinal stenosis Fokter, S.K. / Fokter, S.K.; Yerby, S.A.; Brieske, W.; Vengust, V.; Kotnik, M.; Sajovic, M.

AUDITORIUM 10

SPECIALITY SOCIETY DAY: ESPA	EUROPEAN SOCIETY OF PELVIS & ACETABULUM	8.00 – 12.00
8.00	Part A: Key Note Lectures What's new in acetabular reconstruction? Rommens, P.	
	Advances made in pelvic ring injuries Giannoudis, P.	
	Long term outcome following pelvic and acetabular fractures: the German registry experience Pohleman, T.	
9.30	Part B: Pelvis and Acetabulum Service Amongst the Different European Regions The UK chapter - M Bircher The Greek chapter The Scandinavian chapter The Austria chapter The Italy chapter The Slovenia chapter The German chapter The Irish chapter The Portuguese chapter Other regions	
10.45	Part C: The European P& A Society - AGM 1. Progress Report 2. Overview of the objectives 3. Panel discussion - The future of the society Giannoudis, P.; Bircher, M.; Pohleman, T.	
INDUSTRY SYMPOSIUM	SYNTHESES "EXPERT TIBIAL NAIL"	12.30 – 14.00
	Lecture of clinical application and results including a demonstration on artificial bone. Kirjavainen, M. (Finland)	
INDUSTRY SYMPOSIUM	SYNTHESES "MEDIAL OPEN WEDGE HTO TREATED WITH TOMOFIX®"	14.00 – 16.00
	Lecture and demonstration on artificial bone. Demonstration includes performing the osteotomy and fixation with TomoFix(r) based on LCP system. Staubli, A.E. (Switzerland)	

SUNDAY

5 JUNE 2005

AUDITORIUM 10

FREE PAPERS KNEE 6		WEAR, MIGRATION, DENS MODERATORS: HADDAD, F. (UNITED KINGDOM); MACHADO, A. (PORTUGAL)	16.30 – 18.00
16.30	F309	The relationship between polyethylene damage and function of metal-backed patellar components retrieved after mobile bearing total knee arthroplasty Harman, M. / Harman, M.; Markovich, G.; Banks, S.A.; Hodge, W.A.	
16.40	F310	Wear performance of retrieved unconstrained fixed-bearing unicompartmental knee replacements Schmitt, S. / Harman, M.; Schmitt, S.; Roessing, S.; Banks, S.A.; Scharf, H.-P.; Hodge, W.A.	
16.50	F311	Sequential irradiation and annealing provides a highly crosslinked UHMWPE for CR and PS total knee replacement Essner, A. / Wang, A.; Yau, S.-S.; Manley, M.; Dumbleton, J.; Serekanian, P.	
17.00	F312	Knee kinematics and polyethylene backside wear: comparison of posterior cruciate-retaining and cruciate-substituting knee replacements Harman, M. / Harman, M.; Banks, S.A.; Kanekasu, K.; Hodge, W.A.	
17.10	F313	Analysis of surface changes on retrieved femoral components and its role in creation of polyethylene wear Lakdawala, A. / Lakdawala, A.; Todo, S.; Scott, G.	
17.20	F314	Factors influencing polyethylene wear in total knee arthroplasty with fixed bearings: analysis of 40 retrievals from both revision and autopsy Rohrbach, M. / Rohrbach, M.; Lüem, M.; Ochsner, P.E.	
17.30	F315	Comparing the migration of the tibial tray in total knee arthroplasty for cemented, uncoated and periprosthetic coated components using roentgen stereophotogrammetric analysis (RSA). Grimm, B. / van der Linde, M.J.A.; Grimm, B.; Garling, E.H.; Valstar, E.R.; Tonino, A.J.; Heyligers, I.C.	
17.40	F316	Wear testing of an oxidised zirconium total knee replacement Lee, J. / Lee, J.K.L.; Maruthainar, K.; Wardle, N.; Haddad, F.; Blunn, G.W.	
17.50	F317	Long-term absorptiometric analysis in bone density after total knee replacement. Role of tibial stem extension. Garcia-Sandoval, M. / Garcia-Sandoval, M.A.; Fernandez-Lombardia, J.; Cuervo, M.C.; Hernandez-Vaquero, D.	

AUDITORIUM 11

SPECIALITY SOCIETY DAY: ESB		BIOMATERIALS: AN UP-DATE FOR THE ORTHOPAEDIC SURGEON MODERATORS: MEROLLI, A. (ITALY)	8.00 – 12.00
9.00		Bioactive composites for orthopaedic applications Tanner, E. (United Kingdom), Interdisciplinary Research Centre for Biomaterials	
9.40		The role of the interface between bone and bioceramic-coatings in orthopaedic surgery Tranquilli Leali, P. (Italy), Orthopaedic Surgery Department, University of Sassari	
10.20		New active and biodegradable soybean-based bone fillers for orthopaedic surgery Santin, M. (United Kingdom), School of Pharmacy & Biomolecular Science, University of Brighton	
11.00		Injectable materials for bone regeneration in orthopaedic surgery Barbosa, M. (Portugal), National Institute for Biomedical Engineering	
11.40		Bone response to polymers: what the Orthopaedic Surgeon should look for Merolli, A. (Italy), Orthopaedics & Hand Surgery, The Catholic University School of Medicine	

AUDITORIUM 11

INDUSTRY WORKSHOP	WALDEMAR LINK "LINK MINIMALLY INVASIVE TECHNIQUE – HIP (MIT-H)"	12.30 – 14.00																		
<p>In endoprosthetics, particularly in hip arthroplasty minimally invasive surgical techniques are increasingly applied. The advantages of these techniques are: - reduced patient stress thanks to a small incision and minimum soft tissue trauma - early mobilization and shorter rehabilitation time. The Link Minimally Invasive Technique-Hip (MIT-H) in combination with the bioharmonic, femoral neck preserving C.F.P./T.O.P. Hip Prosthesis System ideally provides these advantages. With nearly the same operation time and less blood loss during surgery this method offers an interesting alternative to conventional open surgery. In spite of a small incision, the special instruments designed for this technique allow for an optimal view both of the acetabulum and of the femoral neck and provides unimpeded further preparation. Applying the (MIT-H) surgical technique, muscular structures as well as ligaments and tendons are protected resulting in reduced blood loss, less postoperative pain and a shorter hospital stay. After surgery, almost unhindered mobility and muscle load is possible permitting earlier patient mobilization and rehabilitation.</p> <p>The MIT-H surgical technique protects the abductor muscles and helps to improve gait and function. Conclusions: Altogether, the MIT-H technique allows for a fast rehabilitation after surgery. The Link C.F.P./T.O.P. Hip Prosthesis System has proven itself particularly suited for this minimally invasive technique. Professor Louis Hovy, MD, and Patrick Mouret, MD, from the Orthopaedic Department of the "Municipal Clinic Frankfurt-Höchst", involved decisively in the development of the Minimally Invasive Technique (MIT-H(r)) for the C.F.P./T.O.P. Prosthesis System, will report on their early experience with the MIT-H technique using the direct lateral approach. In addition to the description of the surgical technique, the instrument set will be presented and particular aspects of the surgical approach be discussed.</p>																				
<hr/>																				
FREE PAPERS FOOT 3	FOOT TRAUMA / DIABETIC FOOT MODERATORS: TAYLOR, A. (UNITED KINGDOM); AMADO, P. (PORTUGAL)	14.00 – 15.30																		
<hr/> <table border="0"><tr><td style="vertical-align: top;">14.00 F318</td><td>Internal fixation of Weber type B ankle fractures with a dorsal 3 hole anti-glide plate Kock, H.-J. / Kock, H.-J.; Serly, M.; Jacobs, C.; Niewohner, Ch.; von Gumpennberg, St.;</td></tr><tr><td style="vertical-align: top;">14.10 F319</td><td>Danis-Weber type B: lateral malleolus fracture and interfragmentary screw placement: a cadaveric study Thakral, R. / Thakral, R.; Kaar, K.; McHugh, P.; Brennan, W.; Lalor, S.</td></tr><tr><td style="vertical-align: top;">14.20 F320</td><td>Hardware removal after open reduction and internal fixation of calcaneus fractures Soong, V.K.Y. / Ng, B.Y.; Soong, V.K.Y.; Sankar, B.; Siddique, I.; Maguire, M.P.; Mohil, R.; Henderson, A.A.</td></tr><tr><td style="vertical-align: top;">14.30 F321</td><td>Surgical treatment of pylon tibial fractures Kuropatkin, G. / Drjagin, V.G.; Minasov, B.S.</td></tr><tr><td style="vertical-align: top;">14.40 F322</td><td>Vacuum Assisted Closure to aid wound healing in foot and ankle surgery Cosker, Th. / Mendonca, A.D.; Cosker, T.D.A.; Makwana, N.K.</td></tr><tr><td style="vertical-align: top;">14.50 F323</td><td>Long-term results of partial foot amputations and resections in diabetic patients Drerup, B. / Wetz, H.H.; Koller, A.; Hafkemeyer, U.</td></tr><tr><td style="vertical-align: top;">15.00 F324</td><td>The Ilizarov apparatus in charcot foot neuroarthropathy Vasiliadis, E. / Vasiliadis, E.; Polyzois, V.D.; Gatos, K.; Dangas, S.; Koufopoulos, G.; Polyzois, D.</td></tr><tr><td style="vertical-align: top;">15.10 F325</td><td>Hind -and midfoot reconstruction in patients with diabetic-neuropathic osteoarthropathy (DNOAP) using the Hoffman II fixateur externe: an update Wetz, W.W. / Wetz, H.H.; Drrup, B.; Koller, A.; Hafkemeyer, U.</td></tr><tr><td style="vertical-align: top;">15.20 F326</td><td>Prospective study of multifactorial treatment of Charcot foot in diabetic patients Galli, M. / Galli, M.; Mancini, L.; Pitocco, D.; Ruotolo, V.; Vasso, M.; Ghirlanda, G.</td></tr></table> <hr/>			14.00 F318	Internal fixation of Weber type B ankle fractures with a dorsal 3 hole anti-glide plate Kock, H.-J. / Kock, H.-J.; Serly, M.; Jacobs, C.; Niewohner, Ch.; von Gumpennberg, St.;	14.10 F319	Danis-Weber type B: lateral malleolus fracture and interfragmentary screw placement: a cadaveric study Thakral, R. / Thakral, R.; Kaar, K.; McHugh, P.; Brennan, W.; Lalor, S.	14.20 F320	Hardware removal after open reduction and internal fixation of calcaneus fractures Soong, V.K.Y. / Ng, B.Y.; Soong, V.K.Y.; Sankar, B.; Siddique, I.; Maguire, M.P.; Mohil, R.; Henderson, A.A.	14.30 F321	Surgical treatment of pylon tibial fractures Kuropatkin, G. / Drjagin, V.G.; Minasov, B.S.	14.40 F322	Vacuum Assisted Closure to aid wound healing in foot and ankle surgery Cosker, Th. / Mendonca, A.D.; Cosker, T.D.A.; Makwana, N.K.	14.50 F323	Long-term results of partial foot amputations and resections in diabetic patients Drerup, B. / Wetz, H.H.; Koller, A.; Hafkemeyer, U.	15.00 F324	The Ilizarov apparatus in charcot foot neuroarthropathy Vasiliadis, E. / Vasiliadis, E.; Polyzois, V.D.; Gatos, K.; Dangas, S.; Koufopoulos, G.; Polyzois, D.	15.10 F325	Hind -and midfoot reconstruction in patients with diabetic-neuropathic osteoarthropathy (DNOAP) using the Hoffman II fixateur externe: an update Wetz, W.W. / Wetz, H.H.; Drrup, B.; Koller, A.; Hafkemeyer, U.	15.20 F326	Prospective study of multifactorial treatment of Charcot foot in diabetic patients Galli, M. / Galli, M.; Mancini, L.; Pitocco, D.; Ruotolo, V.; Vasso, M.; Ghirlanda, G.
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INDUSTRY SYMPOSIUM	AO FOUNDATION "NEW PERSPECTIVES IN I.M. NAILING – PRACTICAL SOLUTIONS FOR REAL PROBLEMS" MODERATORS: PIET DE BOER	16.00 – 18.00																		

SUNDAY

5 JUNE 2005

AUDITORIUM 12

SYMPOSIUM 13

UPDATE ON THE PREVENTION AND TREATMENT OF MUSCULOSKELETAL CONDITIONS: ARTHRITIS , FRACTURE AND BACKPAIN MODERATORS: WOOLF, A. (UNITED KINGDOM)

The principles

Åkesson, K. (Sweden)

Rheumatoid arthritis

Woolf, A. (United Kingdom)

Osteoarthritis

Knahr, K. (Austria)

Injuries

Dreinhöfer, K. (Germany)

Low back pain

Krismer, M. (Austria)

INDUSTRY SYMPOSIUM

ROVI "LMWH: BEFORE OR AFTER SURGERY? NEW CONCEPTS" MODERATORS: MONTEIRO, J. (PORTUGAL)

12.30 – 14.00

12.30

The role of Prophylaxis in Traumatology and Orthopaedic surgery:

- The range of DVT

- Risk Agents

França, A.

13.00

DVT - Role of Prophylaxis with LMWH: Before or after surgery?

Economic agents and their significance

Rocha Hernando, E.

13.30

Prophylaxis with LMWH:

- According to the type of procedure

- Evidences of prophylaxis efficacy in time

Abad Rico, J.I.

FREE PAPERS GENERAL ORTHOPAEDICS 2

TKA – KNEE

MODERATORS: LEMAIRE, R. (BELGIUM); THOMAZ, L. (PORTUGAL)

14.00 – 15.30

14.00 F327

Ten year results of fixed bearing total condylar knee arthroplasty carried out by general orthopaedic surgeons

Theis, J.-C. / Theis, J.C.; Pennington, J.; Bayan, A.; Doyle, T.; Hill, R.

14.10 F328

In vitro study on patellar tracking in intact and replaced knee with and without patellar resurfacing

Catani, F. / Catani, F.; Leardini, A.; Belvedere, C.; Ensini, A. ; Giannini, S.

14.20 F329

Prospective randomised comparison of patellar resurfacing versus non-resurfacing in primary total knee replacement

O Shea, K. / OShea, K.; Bale, E.; Murray, P.

14.30 F330

Tibiofemoral movement in living knee with full flexion after TKA

Tarabichi, S. / Saleh, A.; Larsen, S.

14.40 F331

Prediction of poor pain outcomes in total knee arthroplasty

Elson, D. / Elson, D.W.; Brenkel, I.J.

14.50 F332

Gait analysis and electromyography in fixed and mobile bearing total knee replacement - a prospective, randomized, patient- and observer-blinded, clinical study

Tibesku, C.O. / Tibesku, C.O.; Dierkes, T.; Skwara, A.; Rosenbaum, D.; Fuchs, S.

AUDITORIUM 12

FREE PAPERS GENERAL ORTHOPAEDICS 2

TKA – KNEE

MODERATORS: LEMAIRE, R. (BELGIUM); THOMAZ, L. (PORTUGAL)

14.00 – 15.30

15.00	F333	Analysis of the relationships between weight and both longevity of the primary implant and functional outcomes in total knee arthroplasty revision Mulhall, K.J. / Mulhall, K.J.; Ghomrawi, H.M.; Bershadsky, B. Saleh, K.J.
15.10	F334	Rotational alignment in total knee replacement: a comparative analysis of CT-less navigation vs. conventional implantation technique Pleser, M. / Pleser, M.; Woersdoerfer, O.
15.20	F335	A randomised blinded clinical trial assessing efficacy of peri-articular injection using multimodal analgesia in total knee replacement Busch, C.A / Busch, C.A.; Shore, B.J.; Bhandari, R.; MacDonald, S.J.; Rorabeck, C.H.; Bourne, R.B.; McCalden, R.W.,

CROSS FIRE 3

CONTROVERSY IN ELBOW FRACTURES IN CHILDREN

16.00 – 18.00

Moderators: Cassiano Neves, M. (Portugal); Morcuende, J. (Spain)

This is a teaching session dedicated to residents and young orthopaedic surgeons that deal with children in an emergency room basis.

It will focus all different types of fractures and dislocations around the elbow. Attention will be directed towards the anatomy of the growing elbow, common mistakes in diagnosis and different therapeutic options for each case.

This is an interactive session with the audience were the participants play a major role by voting in loco for different options.

MONDAY
6 JUNE 2005

AUDITORIUM 1

SYMPOSIUM 14	WEAR, PARTICLES AND CONSEQUENCES IN TOTAL HIP ARTHROPLASTY	8.00 – 9.30
	MODERATORS: PAPAIOANOU, T. A. (GREECE)	

- The wear. Basic sciences
Fisher, J. (United Kingdom)
- The local effects of wear debris
Papaioanou, T. A. (Greece)
- The systemic effects of wear debris
Verettas, D. (Greece)
- What does the future hold?
Digas, G. (Sweden)

FREE PAPERS	THA / DESIGN AND TECHNIQUES	10.00 – 11.30
HIP 7	MODERATORS: GIACOMETTI CERONI, R. (ITALY); COSTA E CASTRO, C. (PORTUGAL)	

10.00	F336	The effect of the collar on proximal bone resorption in hybrid total hip arthroplasty Caglar, O. / Bulent, A.; Mazhar, T.; Mumtaz, A.
10.10	F337	High complication rate with the rotating saddle prosthesis. results of 124 consecutive cases. mean follow-up five years. Friesecke, C. / Friesecke, C.; Plutat, J.
10.20	F338	Primary stability of short-stem designs compared to conventional and shortened conventional stems in total hip arthroplasty Thomsen, M. / Lee, Ch.; Bitsch, R.; Heisel, Ch.
10.30	F339	Ultra short stem with proximal load transfer: clinical and radiographic results at 4 yrs follow up Santori, F. / Rendine, M.; Fredella, N.; Manili, M.; Santori, N.
10.40	F340	Bone remodelling in THR: a comparative multicentre DXA scan study between conventional implants and a new stemless femoral component Albanese, C. / Rendine, M.; Lanciotti, K.; de Palma, F.; Impagliazzo, A.; Falez, F.; Postacchini, F.; Villani, C.; Santori, F.S.
10.50	F341	Tanallum implants in reconstructive hip surgery Murcia, A. / Blanco, A.; Ballester, J.; Fernandez, M.; Suarez, M.A.; Iglesias, R.
11.00	F342	Is the stem necessary? Experience with a metaphyseal loading femoral component Learmonth, I. / Lee, B.M.
11.10	F343	Bone preservation with a conservative metaphyseal loading implant Learmonth, I. / Santori, F.; Albanese, C.; Rendine, M.; Duffy, G.; Learmonth, I.D.
11.20	F344	Periprosthetic bone remodelling of two ha-coated femoral implants: a 3-year follow-up study addressing the influence of prosthetic design and bone quality on postoperative bone loss Gosens, T. / Gosens, T.; Rahmy, A.I.A.; Blake, G.M.; Tonino, A.J.; Fogelman, I.

PRESIDENTIAL GUEST SPEAKER	ACL RECONSTRUCTION 2005	12.00 – 12.30
	FU, FREDDIE (USA)	

Auditorium 1 (1750 Seats) Hip 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osseous	Auditorium 7 (300 Seats) Hip 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30	Symp 14 Wear, Particles and Consequences in THA	Symp 16 Fixation of Hip Fractures: Mini invasive or open Surgery?	FP Spine 5 3-3-08.00 Kyphoplasty (9)	Symp 20 Orthopaedic Training in Europe	FP Should 1 3-5-08.00 Elbow / Forearm (12)	Symp 23 Navigation in future orthopaedics	FP Hip 9 3-7-08.00 Ressurfacing THA (12)	FP Trauma 9 3-8-08.00 Treatment (12)	FP Ped 5 3-9-08.00 DDH (12)	FP Knee 12 3-10-08.00 Blood Management (12)	Symp 26 European Arthroplasty Registers
08.30-09.00											FP General 1 Orthop 3 3-12-08.00 Basics (15)
09.00-09.30											Cross Fire 4 Infection in THA and TKA one stage or two stage exchange arthroplasty
09.30-10.00											
10.00-10.30	FP Hip 7 3-1-10.00 Design / Technique (9)	ICL 9 Subtrochanteric fractures of the femur	FP Knee 7 3-4-10.00 High Tibial Ost (9)	ICL 11 Prosthetic Arthroplasty of the Elbow	ICL 12 Implant Design operat. techniq related factors ...	FP Hip 10 3-7-10.30 Navigation and DEXA (6)	FP Trauma 10 3-8-10.00 #5 Around the Knee (12)	FP Ped 6 3-9-10.00 Supracondylar Fractures (6)	FP Infection 2 3-10-10.30 Infection 1 (12)	FP Foot 4 3-11-10.30 foot Et ankle 3 (6)	
10.30-11.00											
11.00-11.30	ICL 10 Pathogenesis of Idiopathic scoliosis	ICL 10 Femoral Neck and Subtroch. Hip Fractures (9)	FP Knee 8 3-4-11.30 Revision (6)	FP Should 2 3-5-11.30 Elbow / Forearm (6)	ICL 13 Stress Transmission at the proximal femur in THA	FP Knee 10 3-6-11.00 Imaging (9)	ICL 14 Congenital pseudarthrosis of the tibia	ICL 15 Ankle replacement			
11.30-12.00											
12.00-12.30	Invited G. Speak Freddie Fu										
12.30-14.00	ASTRAZENECA Thromboembolism in orthopaedics surgery - new guidelines, new options	STRYKER EMEA Innovation Matters					LIMA-LTO Spa Lima Hip Solutions for Big Diameters Coupling	SMITH & NEPHEW Anatomic ACL Reconstruction - "Ask the Expert"	ZIMMER NCB® - Proximal Humerus and Distal Femur Osteosynthesis Plate with Polyaxial Locking Screws	SYNTHES PFNA	MEDTRONIC Sofamor Danek New Opportunities for Use of Growth Factors in Orthopaedic Surgery
14.00-14.30	Symp 15 What is Normal Hip Anatomy	FP Trauma 8 3-2-14.00 Femoral Neck Fractures (12)	Symp 19 Disk Prosthesis results and alternatives	FP Knee 9 3-4-14.00 Unicompart TKA (12)	Symp 22 Acute management of major hand injuries	FP Hip 11 3-7-14.00 Minimally Invasive THA 1 (9)	FP Trauma 11 3-8-14.00 Organisation and Evaluation (9)	FP Should 3 3-10-14.00 Shoulder and Elbow (12)	FP Trauma 12 3-9-14.00 Controversies in Hallux valgus Surgery	Symp 27 Controversies in Hallux valgus Surgery	Cross Fire 5 Osteotomy VS Unicondylar anthropoplasty for the knee
14.30-15.00											
15.00-15.30											
15.30-16.00											
16.00-16.30	FP Hip 8 3-1-16.00 Dysplasia (12)	FP Spine 6 3-3-16.00 Low Back Pain 2 (12)	FP Hand 1 3-5-16.00 Hand 1 (12)	Symp 21 Continuous Medical Education CME in Europe	FP Knee 11 3-6-16.00 Anterior Knee Pain (12)	FP Hip 12 3-7-16.00 Minimal Invasive THA 2 (12)	FP General Orthop 3 3-8-16.00 Basics (12)	FP Trauma 13 3-10-16.00 Dist Radius Fractures (12)	FP Hip 13 3-11-16.00 THA Loosening (12)	FP Should 4 3-12-15.30 Shoulder Instability (9)	
16.30-17.00											
17.00-17.30											FP Should 5 3-12-17.00 Evaluation Physiotherapy (6)
17.30-18.00											

Welcome to the EFORT Congress 2005

Satellite symposium

Thromboprophylaxis in orthopaedic surgery
– new guidelines, new options

Monday 6 June, 13.00–14.00

Auditorium II, Congress Centre of Lisbon

Visit the AstraZeneca
exhibition stand in
Hall 4 for more
information about
our research

AstraZeneca is one of the world's leading pharmaceutical companies. AstraZeneca has an innovative and extensive research pipeline of new products in thrombosis including the first oral direct thrombin inhibitor, ximelagatran (Exanta[®]), being developed for the prevention and treatment of thromboembolic disorders. Exanta[®] is approved in EU for the prevention of VTE in elective hip or knee replacement surgery.

Innovators in thrombosis research

AstraZeneca 

AstraZeneca, Mölndal, Sweden

www.Exanta.com www.astrazeneca.com

InductOs® (diboterminalfa) - ESSENTIAL INFORMATION

Refer to Summary of Product Characteristics (SPC) before prescribing.

Indication:

Treatment of acute tibia fracture in adults as an adjunct to standard care using open fracture reduction and secondary soft tissue fixation.

Presentation:

InductOs 12 mg kit for implant. The kit has three components: diboterminalfa powder (recombinant human bone morphogenic protein-2), water for injection, and a collagen matrix sponge.

Dosage and Preparation:

InductOs is to be prepared (using sterile technique) immediately prior to use. The diboterminalfa should be reconstituted with 0.4 ml of water to produce a 3.0 mg/ml solution, 0.6 ml of which is distributed uniformly onto the collagen matrix. After mixing, the reconstituted with the diboterminalfa solution, the sponge must not be squashed. Once prepared, the product should be left to stand for at least 15 minutes, but used within 2 hours.

Note: Concentration greater than 1.5 mg/ml has not been studied in humans.

Implantation:

InductOs (diboterminalfa mixture on the collagen matrix) is implanted (holding under tension if necessary) after standard fracture and wound management (i.e., at the time of definitive soft tissue closure). The cross-over surface area of the fracture should be covered with InductOs (minimum dosage 2.0 g), with as much muscle and soft-tissue coverage as possible.

During implantation, use forceps to handle the loaded matrix sponge to avoid excessive loss of fluid.

Place InductOs so that it bridges the fracture region and makes good contact with the major proximal and distal fragments.

InductOs may be placed end-to-end (distally packed) after having been folded, rolled or wrapped, to fit the geometry of the fracture requires. InductOs does not provide mechanical stability and should not be used to fill space in the presence of compressive forces. There are no data on concurrent use with bone grafts.

Once InductOs is implanted, do not irrigate the wound.

Contraindications:

Hypersensitivity to diboterminalfa, bovine type I collagen or any other excipient, diabetic neuropathy, active fracture site infection, persistent compartment syndrome or neuromuscular release of compartment syndrome, pathological fractures (including Pott's Disease), active malignancy, ongoing treatment for malignancy, pregnancy.

Warnings/Precautions:

Before implanting InductOs, ensure adequate fracture reduction and stabilization, neurovascular status and hemostasis, and absence of large segmental defect repair of long bones.

InductOs can cause initial retraction of surrounding musculofascial tissue. Therefore, it should not be used for direct application to tracheal/bronchial tree. In addition, the performance of the InductOs is in complete to other fixation methods (e.g., plating and screws; external fixation) is unknown.

Reapir use of InductOs is not recommended.

Safety and efficacy have not been established in patients with known autoimmune disease. No studies have been performed in patients with hepatic or renal impairment.

InductOs may cause retrograde infiltration in the surrounding tissues, which can result in complications.

Antibodies to diboterminalfa were developed by 4.4% of patients receiving InductOs vs 0.6% in the control group. Antibodies to bovine type I collagen were developed by 0.7% of patients receiving InductOs vs 0.1% of control patients (who did not receive the matrix as part of their treatment).

No patient developed anti-bovine collagen antibodies.

Special risk/benefit consideration should be given for patients who have previously reacted against collagen. Where an undesirable effect with immunological background is suspected, the possibility of an immune response to the product should be evaluated.

Care should be exercised in mining workers (in whom safety and effectiveness have not been established). There has been no known case of crevicular fistula.

The safety and efficacy of InductOs in cervical spine surgery have not been established and InductOs should not be used in this condition.

Undesirable Effects:

Adverse events observed in clinical trials were generally representative of the morbidity associated with orthopedic trauma or surgical procedure.

The incidence of adverse (> 1%) undesirable effects was similar in both control and InductOs groups, although pain and infection (both specific to the fractured limb) were more frequent in the control group.

The incidence of common (> 10%) undesirable effects was similar in both control and InductOs groups, although increased amputations (without any sign of pseudarthrosis in fractures treated patients), headache, tachycardia, and hypertension were observed significantly more frequently in the InductOs group.

Wyeth

Further information may be obtained from:

Wyeth Europe
Wyeth Business Park
Hausdorffstrasse
Werlstraße 51a 44130, DE

Telephone: +41 1 628 0924/9

(Essential information contained with the Summary of Product Characteristics current at date of product launch)

InductOs™ kit for implant

diboterminalfa (rhBMP-2*)

The first BMP technology approved for use in the treatment of acute adult tibial fractures as an adjunct to standard care

* 44 % reduction in the risk of failure ($p = 0.0005$)^{ref 1}

(i.e. secondary interventions because of delayed union)

* Significantly faster clinical fracture healing ($p = 0.0022$)^{ref 1}

39 days difference between control group and InductOs group

* Fewer infections^{ref 1}

in association with Gustilo-Anderson grade III

Injuries 24% vs 44%, $p=0.0219$

* recombinant human bone morphogenetic protein-2

Ref 1: Recombinant Human Bone Morphogenetic protein-2 for treatment of Open tibial fractures. BESTT study group, BJJS 84-A, 12, 2123-2134

rhBMP2

MEDTRONIC Solamor Danek

Monday, June 6, 2005

12:30 - 14:00

AUDITORIUM 11

WORKSHOP



Medtronic

SOFAMOR DANEK

Medtronic Europe Sàrl.

Route du Molliet 31 - Case Postale

CH-1131 Tolochenaz - SWITZERLAND

Tel: +41 (0)21 802 70 00

Fax: +41 (0)21 802 79 00

david.donnell@medtronic.com

MONDAY
6 JUNE 2005

AUDITORIUM 1

SYMPOSIUM 15	WHAT IS NORMAL HIP ANATOMY? DYSPLASIA VERSUS IMPINGEMENT MODERATORS: GANZ, R. (SWITZERLAND)	14.00 - 15.30
	Relevance and incidence of acetabular version Dora, C.	
	Labral pathomorphology in dysplasia and impingement. Leunig, M.	
	Anterior and lateral CE angle revisited Puloski, S.	
	Acetabular rim fragment common in acetabular dysplasia and FAI but with a different pathogenesis Beck, M.	
HIP 8	THA DYSPLASIA MODERATORS: KNAHR, K. (AUSTRIA); ABREU, L. (PORTUGAL)	16.00 - 18.00
16.00 F345	The endoprosthetic treatment of high hip dislocation. treatment and mid-term results with a cementless system Perka, C. / Schröder, J.	
16.10 F346	Cementless total hip replacement in patients with high total hip dislocation: the results of femoral shortening Z-osteotomy Neumann, D. / Dorn, U.; Neumann, D.; Metzner, G.	
16.20 F347	Clinical results in uncemented THR for hip dysplasia : acetabular side Marinca, L. / Popescu, M.; Marinca, L.; Ursu, T.; Stoica, C.	
16.30 F348	Uncemented total hip arthroplasty in young patients with dysplastic coxarthrosis Drobniewski, M. / Synder, M.	
16.40 F349	Medial protrusio technique for endoprosthetic reconstruction of the dysplastic acetabulum Valeshkov, J. / Asparouhov, A ; Todorov, Sv.	
16.50 F350	Femoral approach for total hip replacements in DDH with high, unstable hip dislocation comparisons between two surgical techniques, preliminary results Cristea, S. / Cristea, S.; Popescu, M.; Predescu, V.; Georgeanu, V.; Atasie, T.; Groseanu, F.; Bratu, D.; Antonescu, D.; Pantelimon, S.; Foisor.	
17.00 F351	Acetabular dysplasia – five years experience Street, J. / Street, J.; Lenehan, B.; Phillips, M.; O'Byrne, J.; McCormack, D.	
17.10 F352	Arthroplasty in adults with DDH: assess leg lengths carefully! Metcalfe, J. / Metcalfe, J.; Banaszkiewicz, P.; Kapur, B; Richardson, J.; Wynn Jones, C .	
17.20 F353	Total hip arthroplasty with shortening osteotomy in major dysplasia Dallari, D. / Pellacani, A.; Fravisini, M.; Stagni, C.; Tigani, D.; Pignatti, G.; Giunti, A.	
17.30 F354	The dysplastic osteoarthritis of the hip joint treated using bernese periacetabular osteotomy early results. Czubak, J. / Czubak, J.; Czwojdzinski, A.; Pietrzak, S.	
17.40 F355	Periacetabular osteotomy for symptomatic congenital hip dysplasia in the adult. do complications matter? Behensky, H. / Andreas, G.; Biedermann, R.; Stöckl, B.; Frischhut, B.; Krismer, M.	

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AUDITORIUM 2

SYMPOSIUM 16

FIXATION OF HIP FRACTURES: MINI INVASIVE
OR OPEN SURGERY?

8.00 – 9.30

MODERATORS: LANGLAIS, F. (FRANCE)

Intra capsular fractures fixation or prosthesis: open versus mini invasive?

Thorngren, K.-G.; / Bannister, G.

Trochanteric fractures fixation by mini invasive techniques, trochanteric nails
Bannister, G.Mini invasive screw plate: design, technic, results
Gotfried, Y.Mini invasive screw plate and nails: controversies about design and technic
Langlais, F.

Discussion

ICL 9

SUBTROCHANTERIC FRACTURES OF THE FEMUR

9.30 – 10.30

MODERATORS: VECSEI, V. (AUSTRIA)

FREE PAPERS:
TRAUMA 7

FEMORAL NECK AND SUBTHROCANTERIC FRACTURES

10.30 – 12.00

MODERATORS: VECSEI, V. (AUSTRIA); PINTO, R. (PORTUGAL)

10.30 F356

The relationship between position and angle of cannulated screws and non-union of displaced intracapsular hip fractures: a clinical study of 395 cases
Khan, R. / Fick, D.; Gurusamy, K.; Parker, M.J.

10.40 F357

Management of ununited intracapsular fracture neck of femur in young patients with delayed presentation.
Sayana, M. K. / Vallamshetla, V.R.P.; Ravindranath, V.S.; Murthy, V.S.

10.50 F358

Internal fixation or arthroplasty for subcapital fractures of femur in the elderly, a daily dilemma experience of five years in a institution
Soares, L. / Soares, L.; Soares, R.; Ferreira, V.P.; Carneiro, F.; Simoes, C.

11.00 F359

Interesting relationship between fracture neck of femur and pelvic ring fractures in a low velocity injury
Sharma, A. / Sharma, A.; Lakshmanan, P.; Lyons, K.

11.10 F360

Fractured neck of femur in patients with chronic renal failure. outcome and review of the literature.
Evans, A. / Evans, A.; Mittadodla, P.S.; Soleiman, H.; Pereira, G.

11.20 F361

Displaced intracapsular hip fractures in the alcohol-abusing patient
Stearns, A. / Stearns, A.T.; Ashraf, R.; Jaberoo.; Maclean .; Wheelwright, E.F.

11.30 F362

Classification of subtrochanteric fractures. Which method if any?
Damany, D. / Damany, D.S.; Parker J.M.; Gurusamy, K.

11.40 F363

Indirect reduction and biologic internal fixation of comminuted subtrochanteric fractures of the femur
Çelebi, L. / Celebi, L.; Can, M.; Muratli, H.; Yagmurlu,M. F.; Yuksel, H. Y.; Bicimoglu, A.

11.50 F364

Complications of subtrochanteric fractures. A meta-analysis of 39 studies involving 1835 fractures.
Damany, D. / Damany, D.S.; Parker, M.J.; Gurusamy, K.; Upadhyay, P.

AUDITORIUM 2

INDUSTRY SYMPOSIUM	ASTRA ZENECA "THROMBOPROPHYLAX IS IN ORTHOPAEDIC SURGERY – NEW GUIDELINES, NEW OPTIONS"	12.30 - 14.00
	MODERATORS: CHAIR: WARWICK, D., (UNITED KINGDOM); MOURET, P. (GERMANY)	
12.30 - 13.00	Refreshments / lunch	
13.00 - 13.25	Welcome and introductions: orthopaedic thromboprophylaxis - are we addressing the issues ? Warwick, D. (United Kingdom)	
13.25 - 13.45	The oral direct thrombin inhibitor, ximelagatran, in orthopaedic surgery - from clinical trials to clinical practice Mouret, P. (Germany)	
13.45 - 13.58	Panel / audience discussion: questions and answers Warwick, D. (United Kingdom)	
FREE PAPERS TRAUMA 8	FEMORAL NECK FRACTURES	14.00 - 16.00
	MODERATORS: THORNGREN, K.-G. (SWEDEN), ALEGRETE, N. (PORTUGAL)	
14.00 F365	Is there a role for hemiarthroplasty in the treatment of non-displaced femoral neck fractures? White, A. / White, A.; Parker M. Et Boyle A. (UK)	
14.10 F366	Outcome of dislocation after hemiarthroplasty for fractured neck of femur in a DGH Dayanandam, B.K. / Case, R.	
14.20 F367	Acetabular erosion in patients with a bipolar hip hemiarthroplasty Cordero-Ampuero, J. / Santos, R.; Cordero-Ampuero, J.; Pisonero, E.	
14.30 F368	Selective cementing of thompson's hemiarthroplasty Hussain, S. / Hawkins, A.; Smith, R.	
14.40 F369	First year mortality and long-term functional results of thompson hemiarthroplasty for femoral neck fractures in the elderly Benouziou, A. / Benouziou, A.; Koutsonas, D.; Sakkas, A.; Anastasiou, E.	
14.50 F370	Bilateral hip hemiarthroplasty Asensio, M.A. / Asensio, N.; Vega Chávez, M.; Quiles Galindo, M.	
15.10 F371	Total hip arthroplasty for displaced femoral neck fractures : matched-pair analysis with a 3.5 to 10 year follow up. Pourreynon, D. / Nich, C.; Bizot, P.; Sedel, L.	
15.20 F372	Primary total hip replacement for acute displaced subcapital femoral fractures Sharma, S. / Kingsley, S.; Bhamra P.	
15.30 F373	Total hip arthroplasty in loosened fracture fixation of the proximal femur Dallari, D. / Girolami, M.; Fravisini, M.; Stagni, C.; Veronesi, M.; Pignatti, G.; Giunti, A.	
15.40 F374	Complications after intracapsular hip fractures in young adults. A meta-analysis of 18 studies involving 564 fractures Damany, D. / Damany, D.S.; Parker, M.; Chojnowski, A.	
15.50 F375	Predictors of functional outcome following intracapsular hip fracture in elderly women: a one-year prospective cohort study Haentjens, P. / Haentjens, P.; Autier, Ph.; Barette, M.; Boonen, S.	
SYMPOSIUM 17	HOW TO PREVENT THE SECOND FRACTURE?	16.30 - 18.00
	MODERATOR: SVENSSON, O. (SWEDEN)	
	Surgical techniques for osteoporotic bone Moroni, A. (Italy)	
	How to decrease fracture risk Czerwinski, E. (Poland)	
	Systems for secondary prevention Marsh, D.	

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AUDITORIUM 3

FREE PAPERS SPINE 5	KYPHOPLASTY MODERATORS: MHAILDI, H. (SPAIN); CONSCIÊNCIA, G. (PORTUGAL)	8.00 – 9.00
8.00 F376	Natural history of osteoporotic vertebral fractures Morris, S. / Morris, S.; Dar, W.; Kelly, I.	
8.10 F377	Biomechanics and cement distribution in vertebroplasty Strassberger, C. / Fengler, H.; Strassberger C.	
8.20 F378	Does prophylactic kyphoplasty of adjacent levels reduce the postoperative fracture risk in osteoporotic fractures? Becker, S. / Becker, S.; Garoscio, M.; Ogon, M.	
8.30 F379	The effect of balloon inflation and spinal extension on restoring geometric and loading alignment of the vertebral compression fracture Gaitanis, L. / Gaitanis, I.; Carandang, G.; Ghanayem, A.; Voronov, L.; Phillips, F.; Havey, R.; Zindrick, M.; Hadjipavlou, A.; Patwardhan, A.	
8.40 F380	Kyphoplasty for stabilisation in bone metastasis induced back pain Gerdesmeyer, L. / Ulmer, M.; Rechl, H.	
8.50 F381	Surgical treatment of posttraumatic kyphosis Caceres, E. / Ubierna, M.T.; Garcia de Frutos, A.; Llado, A.; Molina, A.; Salo, G.; Ramirez, M.	
9.00 F382	The evaluation of postero-lateral fusion in treatment adolescents with spondylolisthesis Sionek, A. / Sionek, A.; Zasacki, W.; Czubak, J.; Przybysz, W.; Kucharczyk, W.; Tyrakowski, M.	
9.10 F383	Percutaneous vertebroplasty of spinal pseudarthrosis in ankylosing spondylitis Sayegh, F. / Sayegh, F.E.; Anagnostidis K.; Makris, V.; Tsitouridis, J.; Kirkos, J.; Kapetanos , A.G..	
9.20 F384	Kyphoplasty in vertebral compression fractures related to long-term corticosteroid therapy Carlo, D. / Doria, C.; Lisa, P.; Milia, F.; Floris, L.; Serra, M.; Barca, F.	
SYMPOSIUM 18	WHIP LASH INJURIES MODERATORS: GALASKO C. (UNITED KINGDOM)	9.30 – 11.00
	The pathological and biomechanical factors in whiplash injury Sel, P. (United Kingdom)	
	Incidence and pathogenesis of whiplash associated disorder Galasko, C. (United Kingdom)	
	Psychological aspects of whiplash injury Gargan, M. (United Kingdom)	
	The treatment of whiplash associated disorder Seferiadis, A. (Sweden)	
ICL 10	PATHOGENESIS OF IDIOPATHIC SCOLIOSIS MODERATORS: DICKSON, R. (UNITED KINGDOM)	11.00 – 12.00
INDUSTRY SYMPOSIUM	STRYKER EMEA "INNOVATION MATTERS" MODERATOR: TOKSVIG-LARSEN, S.	12.30 – 14.00
	Osigraft Clinical results Giannoudis, P.	
	Flexicore Berg, S.	

AUDITORIUM 3

SYMPOSIUM 19	DISK PROSTHESIS. RESULTS AND ALTERNATIVES	14.00 - 15.30
MODERATORS: CANNAS J. (PORTUGAL)		

Biomechanics of the disc and disc prosthesis
Scalli, W.

Disc replacement and fusion - overview of clinical results
Ross, R.

Alternatives is surgical treatment of DDD
Le Huec, J.

Which solution for each stage
Cannas, J.

FREE PAPERS	LOW BACK PAIN 2	16.00 - 18.00
MODERATORS: ACAROGLU, E. (TURKEY); OLIVEIRA A. (PORTUGAL)		

16.00 F385	Diagnostic validity of fluoroscopically controlled lumbar facet joint injection in degenerative lumbar spine syndrome. Scuetz, U. / Schuetz, U.; Richter, M.; Dreinhofer, K.; Puhl, W.; Koepf, H.
16.10 F386	Role of IDET in the treatment of chronic discogenic low back pain Mangwani, J. / Natali, C.; Giles, C.; Saravanan, R.; Francis, R.
16.20 F387	Mid-term results with percutaneous cryodestruction of lumbar facet joints Birkenmaier, C. / Birkenmaier, C.; Schulze Pellengahr; Jansson,V.
16.30 F388	Therapy of the post-discectomy and post-fusion syndrome by spinal cord stimulation (SCS) using an 8-pole electrode and double-electrode system. - prospective 3-year study results in 37 patients. Kindhaeuser, F. / Kindhaeuser, F.; Ruetten, S.; Komp, M.; Godolias, G.
16.40 F389	Human adult and fetal intervertebral disc cell cultures. The way forward? Schizas, C. / Schizas, C.; Scaletta, C.; Burri, N.; Pioletti, D.; Applegate
16.50 F390	Stem cell therapy for degenerative disc disease: in vitro and in vivo study Denaro, V. / Vadala, G.; Sobajima, S.; Kang, JD.; Gilbertson, LG.
17.00 F391	Fullendoscopic operation of lumbar disc herniations with a far lateral transforaminal access.- prospective 12-months results of patients treated with new endoscopes and instruments. Komp, M. / Komp, M.; Ruetten, S.; Hahn, P.; Godolias, G.
17.10 F392	Percutaneous laser diode disc decompression (PLD) - 600 consecutive cases in 480 patients. Menchetti, P. / Menchetti ; Longo, L
17.20 F393	Minimum 25-year outcome of standard discectomy for lumbar disc herniation Mariconda, M. / Mariconda, M.; Galasso; Beneduce, T.; Volpicelli, R.; Della Rotonda, G.; Secondulfo, V.; Imbimbo, L; Milano, C.
17.30 F394	A prospective randomised double blind trial on the use of intrathecal fentanyl in patients undergoing lumbar spinal surgery. Joshy, S. / Heilpern, G.; Joshy, S.; Marsh, G.; Knibb,A.
17.40 F395	Degenerative lumbar scoliosis. functional outcome after fusion with XIA-system Schmolke, S. / Schmolke, S.; Jankowski, A.; Flamme, C.; Gosse, F.
17.50 F396	Prospective randomised controlled trial on the technique of facet joint injections Lakshmanan, P. / Lakshmanan, P.; Ahuja, S.; Davies, P.R.; Howes, J.

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AUDITORIUM
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AUDITORIUM 4

SYMPOSIUM 20 ORTHOPAEDIC TRAINING IN EUROPE MODERATORS: REVELL BOTA, M. (UNITED KINGDOM)

8.00 - 10.00

Section 1: the European perspective

Introduction

Robertson, A. (United Kingdom)

The UEMS orthopaedic section

Wallensten, R. (Sweden)

The EBOT exam

Mineiro, J. (Portugal)

Discussion

Section 2 : common ground?

Ewtd

Equal opportunity in Europe?

Collins, D.

How do we train?

Discussion

SECTION 3: the future?

Revell, M., (United Kingdom)

A European trainees forum

10.00 - 11.30

FREE PAPERS KNEE 7

HIGH TIBIAL OSTEOTOMY

MODERATORS: MURRAY, D. (UNITED KINGDOM); GUTIERRES, M. (PORTUGAL)

10.00	F397	Malalignment of the knee corrected by opening wedge osteotomies Ekeland, A. / Ekeland A, Heir S, Dimmen S, Nerhus K
10.10	F398	High tibial osteotomy for medial knee arthritis long term outcomes Benzakour, T. / Benzakour, A.; Hefti, M.; Lemseffer
10.20	F399	Radiological and arthroscopical outcome predictors of high tibial osteotomy Fickert, S. / Fickert, S.; Gall, N.; Puhl, W.; Guenther KP.; Stoeve, J.
10.30	F400	TomoFix: a new LCP-concept for open wedge osteotomy of the medial proximal tibia - early results in 92 cases Staubli, A. / De Simoni, C.; Babst, R.; Lobenhoffer, P.
10.40	F401	CT- free computer navigated high tibial osteotomy (HTO) in medial osteoarthritis of the knee Baur, W. / Baur, W.; Schuh, A.
10.50	F402	475 Open wedge osteotomies by hemicallotasis, experience and complications Toksvig-larsen, S. / Toksvig-Larsen, S. A W-Dahl Dept Orthopedics. Lund University Hospital. Sweden
11.00	F403	Combined high tibial osteotomy and autologous chondrocyte implantation for early knee osteoarthritis Khan, R. / Robertson WB Fick D Zheng MH Wood DJ
11.10	F404	Total knee arthroplasty following high tibial osteotomy. Ripanti, / Ripanti S., Campi S., Marin S., Mura P., Campi A.
11.20	F405	Flexion gap configuration in total knee arthroplasty following High tibial osteotomy Baethis, / Bathis, H.; Perlick, L.; Luring, C.; Tingart, M.; Grifka, J.

AUDITORIUM 4

FREE PAPERS KNEE 8	REVISION MODERATORS: GEHRKE, T. (GERMANY); GRANATE, J. (PORTUGAL)	11.30 – 12.30
11.30 F406	Revision surgery of knee replacement implanted in distant hospital to reduce waiting list Quiles, M. / Campos, MT; Porcel, MT.; Quiles, M.	
11.40 F407	Revision total knee arthroplasty using modular press-fit offset stem extensions Roidis, N. / Roidis N.; Vince, K.	
11.50 F408	Revising the sheehan total knee arthroplasty; techniques and technical difficulties. Boran, S. / Hurson, C.D.; Synnott, K.; Powell, O.; Quinlan, W.	
12.00 F409	Revision total knee arthroplasty by impaction bone grafting: ten years experience Bradley, G. / Bradley, G.	
12.10 F410	TCIII prosthesis for revision total knee arthroplasty: clinical and radiological assessment and survivorship analysis with minimum a 5- year follow-up. Pradhan, N. / Iyengar, K.; Gambir, A.; Kay, P.; Porter, M.	
12.20 F411	Whole extensor mechanism allografts in knee revision surgery. Ribas, M. / Vilarrubias, J.; Silberberg, J.; Leal, J.; Ginebreda, I.	
FREE PAPERS KNEE 9	UNICCOMPARTMENTAL KNEE REPLACEMENT MODERATORS: JAKOB, R. (SWITZERLAND); LEMOS, A. (PORTUGAL)	14.00 – 16.00
14.00 F412	UKR or TKR. The 10 year results of a randomised study. Newman, J. / Ackroyd, C.E.; Evans, R.L.	
14.10 F413	Unicompartmental or total knee replacement? A direct comparative study of survivorship and clinical outcome at five years Amin, A. / Amin, A.; Patton, JT.; Cook, RE.; Gaston M.; Brenkel, I.	
14.20 F414	Unicompartmental knee replacement. fixed or mobile? Newman, J. / Ackroyd, C.E.; Evans, R.L.; Gleeson, R.E.; Webb, J.	
14.30 F415	10-year minimum follow-up of medial unicompartmental knee arthroplasty with the allegretto prosthesis Romagnoli, S. / Verde, F.; Eberle, R.W.	
14.40 F416	The oxford unicompartmental knee prosthesis: an independent 10-year survival analysis Van Isacker, T. / Isacker, T.; Vorlat, P.; Putzeys, G.; Cottenie, D.; Pouliart, N.; Handelberg, F.; Casteleyn, P.; Gheysen, F.; Verdonk, R.	
14.50 F417	The effect of the alignment of the tibial and femoral components on functional outcome following medial unicondylar knee arthroplasty. Kasis, A. / Kasis, A.G.; Pacheco, R.J.; Hekal, W.; Farhan, M.J.	
15.00 F418	An alternative method to estimate femoral component size in unicompartmental knee arthroplasty Fawzy, E. / Fawzy, E.; Pandit, H.; Dodd, C.; Murray, D.	
15.10 F419	Oxford medial unicompartmental arthroplasty for focal spontaneous osteonecrosis of the knee Langdown, A. / Langdown, A.; Pandit, H.; Price, A.; Dodd, C. A. F.; Murray, D.; Svoerd; Gibbons, C.	
15.20 F420	Is patellofemoral osteoarthritis a contra-indication to unicompartmental knee arthroplasty? Pandit, H. / Hollinghurst, D.; Jenkins, C.; Dodd; Murray, D.	
15.30 F421	Unicompartmental (UKA) and tricompartmental (TKA) cemented primary knee arthroplasties. A comparison of failure mechanisms Furnes, O. / Furnes, O.; Espehaug, B.; Lie, S.A.; Vollset, S.E.; Engesaeter, L.B.; Havelin, L.I.;	
15.40 F422	Posterior slope of the tibial implant and the long term (16 years) outcome of unicompartmental knee arthroplasty Hernigou, P. / Hernigou, P.; Poignard, A.; Manicom, O.; Fillipini, P.; Mathieu, G.	
15.50 F423	Medial unicondylar arthroplasty in a valgus knee Krisztian, S. / Gyetvai, A.;	
SYMPOSIUM 21	CONTINUOUS MEDICAL EDUCATION (CME) IN EUROPE MODERATORS: CORDERO, J. (SPAIN)	16.30 – 18.00

AUDITORIUM 5

AUDITORIUM
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FREE PAPERS SHOULDER 1		ELBOW / FOREARM 1 MODERATORS: MANSAT, M. (FRANCE); BARROS, I. (PORTUGAL)	8.00 – 10.00
8.00	F424	Pronatio dolorosa - radial head subluxation a comparation of reduction techniques: supinatio/ flexio versus hyperpronatio - preliminary results Vidosavljevic, M. / Pejanovic, J.; Jovanovic, B.; Brdar, R.; Abramovic, D.; Ducic, S.; Milosavljevic, M.	
8.10	F425	Excision of proximal radioulnar synostosis following distal biceps tendon repair Jost, B. / Jost, B.; Adams, R.; Morrey, B.	
8.20	F426	Effect of radial osteotomy on the position of the posterior interosseous nerve Papadakis, S. / Papadakis, S.; Roidis, N.; Eli Ziv; Suketu Vaishnav, S.; Itamura, J.	
8.30	F427	Percutaneous release versus open surgical for the treatment of tennis elbow? A patient based satisfaction outcome comparative study. Odumala, A. / Odumala, A.; Owa, S.; Nada, A.	
8.40	F428	Percutaneous lateral release of tennis elbow Ansara, S. / Ansara, A.; El-kawy, S.	
8.50	F429	Treatment of chronic lateral epicondylitis with bipolar radiofrequency Darder, A. / Darder, A.; Villanueva, E.; M.J. Sanguesa, M.J.; Valverde, C.	
9.00	F430	Inter and intra observer variability of tennis elbow mri interpretation Williams, R. / Jones, A.; Evans, R.; Pritchard, M.; Dent, C.	
9.10	F431	Atypical muscle groups around the elbow as a common cause of ulnar nerve entrapment in sportsmen population. Adamczyk, G. / Kostera-Pruszczyk, A.; Czirny, Z.; Chomicki-Bindas, P.	
9.20	F432	Clinical anatomy of the distal tendon of the biceps. a study in 74 cadaver elbows. Singh, R. / Roberts, M.; Persaud, I.; Sinha, J.; Standring, S.	
9.30	F433	Wound healing after surgery of the forearm or hand in patients with systemic sclerosis Dieterich, J. / Dieterich, J.; Kopylov, P.; Taegil, M.	
9.40	F434	Primary and revision wrist arthrodesis and their correlation with darrach's procedure Sundaram, R. / Sundaram, R.O.; Marquis, C.; Coleman, J.; Gossedge, G.; Evans, R.A.	

ICL 11	PROSTHETIC ARTHROPLASTY OF THE ELBOW	10.30 – 11.30
	MODERATORS: MANSAT, M. (FRANCE)	

FREE PAPERS SHOULDER 2		ELBOW / FOREARM 2 MODERATORS: WALLENSTEN, R. (SWEDEN); SILVA, C. (PORTUGAL)	11.30 – 12.30
11.30	F435	Long-term results after GSB III elbow arthroplasty - evaluation of elbow function with a new assessment set John, M. / John, M.; Angst, F.; Pap, G.; Flury, M.P.; Herren, D.; Schwyzer, H.K.; Simmen, B.R.	
11.40	F436	Custom made ulnar stem for the GSB III elbow arthroplasty Clinical and radiographic follow up Spormann, C. / Simmen, B.	
11.50	F437	Three to ten year follow up of the souter-strathclyde elbow arthroplasty in rheumatoid arthritis Ayana, G. / GE Ayana and M Bransby-Zachary Southern General Hospital, 1345 Govan Road, Glasgow. G51 4TF, United Kingdom	
12.00	F438	Measurements of the total elbow prosthesis is the computer a reliable tool? Wigderowitz, C. / Smith, J.; Dent, J.; Wigderowitz, C.A.	
12.10	F439	Orif versus total elbow arthroplasty of distal humerus fractures in patients with rheumatoid arthritis Jost, B. / Jost, B.; Robert A.; Adams, R.A.; Morrey, B.F.	
12.20	F440	Sloppy-hinge total elbow replacement for flail elbow: a medium term study Thomas, S. / Simon, J.; Nikhi, T.; Lech, S.; Rymaszewski.	

AUDITORIUM 5**SYMPOSIUM 22****ACUTE MANAGEMENT OF MAJOR HAND INJURIES**
MODERATORS: LESLIE, I. (UNITED KINGDOM)

14.00 - 15.30

Epidemiology and classification

Leslie, I. (United Kingdom)

Priorities in treatment and management of the bones and joints

van Schoonhoven, J. (Germany)

Management of nerves and vessels

Gulgonen, A. (Turkey)

Management of the tendons

Mota da Costa, J., (Portugal)

Management of the skin

Raja Sabapathi, S. (India)

Discussion

**FREE PAPERS
HAND 1****HAND 1****MODERATORS: D'ARIENZO, M. (ITALY); CARDOSO, R. (PORTUGAL)**

16.00 - 18.00

16.00	F441	The use of intra-articular morphine for analgesia after day case wrist arthroscopy Al Hussainy, H. / Al Hussainy, H.; Jones S.; Ali, F.; Club, S.; S Bostock
16.10	F442	Arthroscopy of the pisotriquetral joint through standard portals Arya, A. / G Kakarala R Singh I Persaud R Kulshreshtha R S Reddy J Compson
16.20	F443	Common sport specific wrist positions can induce changes in "functional" EMG recording of the median nerve - implications for diagnostics and treatment. Adameczyk, G. / Kostera-Pruszczyk A., Chomicki-Bindas P.
16.30	F444	A dissonant cord? The abductor digiti minimi and dupuytren's contracture of the proximal interphalangeal joint of the little finger. Ritchie, J. / Ritchie, J.F.S.; Venu, K.; Pillai, KK.; Yanni, D.H.
16.40	F445	Dupuytren's contracture postoperative management survey in United Kingdom Salim, J. / Salim, J.; Walker, A.P.; Sau, I.; Sharara, K.H.
16.50	F446	Vascularity of the lunate: anatomical considerations applied to kienbock's disease Lamas, C. / Gomez, C. L.; Carrera, A.; Pulido, M.C.; Llusa, M.; Proubasta, I.; Itarte, J.
17.00	F447	Recombinant bone morphogenetic protein (osteogenic protein-1) accelerates healing of scaphoid non-union Simic, P. / Bilic, R.; Simic, P.; Jelic, M.; Stern-Padovan, R.; Vukicevic, S.; Pecina, M.
17.10	F448	Scaphoid nonunions: mri assessment following reconstruction with vascularized bone grafts Dailiana, Z. / Zachos, V.; Dailiana, Z.H.; Karantanas, A.; Varitimidis, S.; Zibis, A.; Malizos, K.N.
17.20	F449	Ultrasound changes in the extensor pollicis longus tendon following fracture of the distal radius Owers, K. / Owers, K.L.; Lee, J.; Martinez-Tenorio; Eckersley, H. + R.
17.30	F450	The effects of the scaphoid and forearm gauntlet (colles' type) cast on hand function Karantana, A. / Karantana, A.; Downs-Wheeler, M.J.; Pearce, C.A.; Johnson, A.; Bannister, G.C.
17.40	F451	Redefinition of the topographic localization of the thenar motor branch of the median nerve Eskandari, M. / Eskandari, M.M.; Cengiz Yilmaz; Oztuna, v.; Kuyurtar.
17.50	F452	Replantation after total avulsion-amputation of the thumb Lautenbach, M. / Lautenbach, M.; Eisenschenk, A.; Sparmann, M.

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AUDITORIUM 6

SYMPOSIUM 23	NAVIGATION IN FUTURE ORTHOPEADICS MODERATORS: CASTELEYN, P.P. (BELGIUM)	8.00 – 9.30
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Introduction: Caos or chaos

Casteleyn, P.P. (Belgium)

Basic principles and types of CAOS

Nolte, L.P. (Switzerland)

Field of application of CAOS anno 2005

Gebhard, F. (Germany)

Are all CAOS systems equal?

Sparmann, M. (Germany)

Future developments and applications

Discussion

Briard, J.L. (France)

ICL 12	IMPLANT DESIGN AND OPERATIVE TECHNIQUE-RELATED FACTORS AFFECTING THE OUTCOME OF TKR MODERATORS: VICTOR, J. (BELGIUM)	10.00 – 11.00
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FREE PAPERS KNEE 10	IMAGING MODERATORS: CARPINTERO BENITEZ, P. (SPAIN); LEBRE, J. (PORTUGAL)	11.00 – 12.30
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11.00 F453	The use of ct in pre operative assessment of failed TKR prior to revision surgery. Chauhan, S.K. / Chauhan, S.K.; Lucas, D.
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11.10 F454	Evaluation of the knee with magnetic resonance imaging prior to high tibial osteotomy: is it useful? is it necessary in rutin practice? Atamaz, F. / Atamaz, F.; Aydogdu; Hepguler, S.; Sur, H.
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11.20 F455	MRI-controlled retrospective analysis of 50 patients with bone marrow edema of the knee treated with Illoprost Meizer, S. / Meizer, S.; Kotsars; R.; Stolz, G.; Petje, G.; Krasny; Wlk, M.; Landsiedl, F.; Aigner, N.
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11.30 F456	Magnetic resonance imaging in trochlear dysplasia: the importance of the cartilaginous morphology. Van Huyssteen, A.L. / Van Huyssteen, A.L.; Hendrix, M.R.G.; Wakeley, C.J.; Eldridge, J.D.
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11.40 F457	An inflated tourniquet does not affect patellofemoral kinematics - a dynamic mri study. Ridgeway, / Bull, J.G.; Prescott, S.; Irwin, A.; Khaleel, A.
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11.50 F458	Accuracy of MRI in meniscal and ACL injuries. A prospective comparative study Bondi, L. / Padua, R.; Bondi, L.; Galluzzo, M.; Ceccarelli, E.; Campi, S.; Campi, A.
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12.00 F459	Reported MRI abnormalities in the posterior horn of the medial meniscus: are they significant? O'Malley, O. / O' Malley, N.T.; Sproule; Khan, F.; Rice, J.J.; Nicholson, P.; McElwain, J.P.
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12.10 F460	Functional restoration of the end stage hemophilic arthropathy by total knee arthroplasty Pekmezci, M. / Atilla, B.; Pekmezci, M.; Tokgozoglu, M.; Alpaslan, M.
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12.20 F461	Radionuclide synovectomy treatment of the knee in advanced hemophilic arthropathy Pekmezci, M. / Pekmezci, M.; Atilla, B.; Ugur, O.; Dundar, S.
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AUDITORIUM 6

SYMPOSIUM 24	WHEN IT GOES WRONG. MEDICAL LEGAL ASPECTS IN ORTHOPAEDICS AND TRAUMATOLOGY	14.00 – 15.30
	MODERATORS: HIRVENSALO, E. (FINLAND)	
	Human factor causing complications in orthopaedic surgery <u>Gallinaro, P. (Italy)</u>	
	The pitfalls of informed consent <u>Lemaire, R. (Belgium)</u>	
	Legislation covering medical malpractise in Finland <u>Hirvensalo, E. (Finland)</u>	
	Legislation covering medical malpractise in Sweden <u>Wallensten, R. (Sweden)</u>	
	Panel discussion all presentors: How should the compensation of complications and malpractice be organized in EU countries?	
FREE PAPERS KNEE 11	ANTERIOR KNEE PAIN	16.00 – 18.00
	MODERATORS: KEATING, J. (UNITED KINGDOM); FONSECA, F. (PORTUGAL)	
16.00 F462	Consequences of a mid-third BPTB-autograft excision on patellofemoral biomechanics and knee kinematics <u>Bohnsack, M. / Bohnsack, M.; Hurschler, C.; Wilharm, A.; Demirtas, T.; Ruehmann, O.; Wirth, C.J.</u>	
16.10 F463	The potential role of the infrapatellar fat pad in the anterior knee pain syndrome <u>Bohnsack, M. / Bohnsack, M.; Hurschler, C.; Wilharm, A.; Ruehmann, O.; Stukenborg-Colsman, C.; Wirth, C.J.</u>	
16.20 F464	New treatment algorithm for chronic anterior knee pain based on kinematic mr imaging <u>Aravindan, S. / Aravindan, S.; Prem, H.; Newman-Sanders, A.; Mowbray.</u>	
16.30 F465	Cartilage contact areas in patellar subluxation - an in vivo study <u>Hinterwimmer, S. / Eisenhart-Rothe; Gotthardt, M.; Sauerland, S.; Siebert, M.; Vogl, T.; Graichen, H.</u>	
16.40 F466	The role of quadriceps tightness in patients with patellar symptoms. <u>Pons, M. / Pons, M.; Pasarin, A.; Garcia, J.; Viladot, B. R.</u>	
16.50 F467	Eversion or subluxation of patella in soft tissue balancing of total knee arthroplasty? Results of a cadaver experiment <u>Luring, C. / Luring, C.; Hufner, T.; Kendoff, D.; Perlick, L.; Bathis, H.; Krettek, C.; Grifka, J.</u>	
17.00 F468	Is outpatient follow-up necessary after knee arthroscopy? - a randomised controlled trial <u>Crawford, J. / Crawford, J.R.; McNamara, I.R.; Edwards, D.</u>	
17.10 F469	Effect of intra-articular injection of sodium hyaluronate on recovery after arthroscopic knee surgery <u>Anand, S. / Anand, S.; Mitchell, S.; Bamforth, C.; Asumu, T.; Buch, K.A.</u>	
17.20 F470	Collagen hydrolysate in osteoarthritis of the knee analysis of country specific responses <u>Fischer, I. / Selbmann, H.C.; Fischer, I.U.; Moskowitz, R.</u>	
17.30 F471	On the influence of joint geometry and the usage of defect fillings on osteochondral healing: a biomechanical perspective <u>Maldonado, Z. / Seebek, P.</u>	
17.40 F472	Cartilage defect mapping (CDM) - a new device for measuring the size of cartilage defects during arthroscopy. <u>Fritz, J. / Fritz, J.; Albrecht, D.; Schewe, B.; Krackhardt, T.; Gaissmaier, C.; Weise, K.</u>	
17.50 F473	Longitudinal long-term results of osteochondritis dissecans of the knee <u>Bruns, J. / Bruns, J.; Steinhagen, J.; Rayf, M.</u>	

AUDITORIUM 7

FREE PAPERS
HIP 9

THA / RESURFACING

MODERATORS: NOGLER, M. (AUSTRIA); OLIVEIRA, D. (PORTUGAL)

8.00 – 10.00

8.00	F474	The effect of hip resurfacing on blood flow in the femoral head Steffen, R. / Steffen, R.T.; Smith, S.R.; Gill, H.S.; Beard, D.J.; Jinnah, R.H.; McLardy-Smith, P.; Urban, J.; Murray, D.
8.10	F475	Resurfacing hip arthroplasty and total hip arthroplasty. Analysis of early results, discharge pattern and cost implications Sharma, D. / Saeed, Z.; Ramos, J.; Hughes, S.
8.20	F476	Femoral head viability after Birmingham resurfacing hip arthroplasty: assessment using positron emission tomography. Forrest, N. / Ashcroft; Murray, D.
8.30	F477	Surface arthroplasty in young patients with hip arthritis secondary to childhood disorders Amstutz, H. / Su, P.E.; Harlan, C.; Amstutz; Duff,M.
8.40	F478	Periprosthetic fractures around resurfacing hip replacements Sinha, S. / Murty, A.N.; Wijeratne, M.; Singh, S.; Housden, P.;
8.50	F479	Rehabilitation after hip resurfacing. a comparison with total hip replacement Lilikakis, A. / Lilikakis, A.; Arora, A.; Richard, M.S.; Villar, N.
9.00	F480	Incidence and prevention of femoral neck fractures after hybrid metal-on-metal hip resurfacing Amstutz, H. / Amstutz, H.C. ; Campbell, P.A. ; Duff, M.J.
9.10	F481	Metal on metal hybrid surface arthroplasty of the hip clinical and radiographic analyses of 500 conserva plus with a 3.5-8.5 year follow-up Amstutz, H. / Amstutz, H.C.; Duff, M.J.; Campbell, P.A.; Dorey, F.J.; Beaulé, P.E.; Gruen, T.A.
9.20	F482	Birmingham hip resurfacing - an option for patients under 25 years of age. McBryde, C. / McBryde, C.W.; O'Hara, J.N.; Pynsent, P.B.
9.30	F483	Long-term results of the 3rd generation thrust plate hip prosthesis Buergi, M. / Buergi, M.L.; Hilaire, A.C.; Jacob, Bereiter,H.H.
9.40	F484	Randomised study comparing early clinical results after total hip resurfacing and total hip arthroplasty Vendittoli, P. / Lavigne, M.; Vendittoli, P.A.; Lavigne, M.; Roy, A.; Motard, S.
9.50	F485	Mid term results of a modern metal on metal hip resurfacing prosthesis Nelson, R. / Krikler, S.

FREE PAPERS
HIP 10

THA / NAVIGATION + DEXA

MODERATORS: BRIARD, J.L. (FRANCE); QUEIROZ, V. (PORTUGAL)

10.00 – 11.00

10.00	F486	Navigated total hip replacement - early results of stem and cup navigation an navigated leg length control Mattes, T. / Mattes, Th.; Puhl, W.
10.10	F487	Learning curve and influencing factors of navigated total hip arthroplasty Schmidt, C. / Schmidt, C.A.; Hoffart, H.E.
10.20	F488	Navigation of cup and stem in total hip replacement Lazovic, D. / Lazovic, D.
10.30	F489	Cup navigation, a new approach for total hip endoprosthesis Graf, R. / Graf, R.
10.40	F490	Periprosthetic bone remodelling: in vivo validation data five years after total hip arthroplasty (HTA) Lengsfeld, M. / Lengsfeld, M.; Burchard, R.
10.50	F491	Surgical approach influences periprosthetic femoral bone density Perka, C. / Heller, M.; Taylor, W.R.; Duda, G.N.

ICL 13

STRESS TRANSMISSION AT THE PROXIMAL FEMUR
IN TOTAL HIP REPLACEMENT

MODERATORS: PUHL, W. (GERMANY)

11.00 – 12.00

AUDITORIUM 7

INDUSTRY SYMPOSIUM	LIMA-LTO SPA "LIMA HIP SOLUTIONS FOR BIG DIAMETERS COUPLING" MODERATORS: BENAZZO, F. CHAIR (ITALY)	12.30 - 14.00
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Introduction		
The evolution of ceramic coupling: from 28 to 36 mm Macchi, F. (Germany)		
Ceramic-Ceramic coupling with big heads: clinical outcomes Giacometti Ceroni, R. (Italy)		
The evolution of metal on metal coupling: history and new trends Bensmann, G.; Pietrowski, A. (Germany)		
Metal on Metal coupling with big heads: clinical outcomes Santori, F.S. (Italy)		
The evolution of the polyethylene: new trends in orthopaedic applications Costa, L. (Italy)		
From small to big diameters: advantages, opportunities and solutions Benazzo, F. (Pavia, Italy)		
Discussion		
Snack Lunch		
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FREE PAPERS HIP 11	MINIMALLY INVASIVE THA 1 MODERATORS: NAVARRO-QUILLIS, A. (SPAIN); QUEIROZ, V. (PORTUGAL)	14.00 - 15.30
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14.00 F492	The influence of incision length on immediate post-operative rehabilitation after total hip replacement Lilikakis, A. / Lilikakis, A.K.; Villar, R.N.	
14.10 F493	The use of the ultrasonic scalpel in minimally invasive total hip replacement David, L. / Worth, R.D.; Apthorp, H.D.	
14.20 F494	Minimal invasive surgical approach in hip hemiarthroplasty with common instrumentation Beltsios, M. / Giannakakis, N.; Beltsios, M.; Giannakakis, N.; Vasiliadis, E.; Mouzakis, V.; Koinis, A.	
14.30 F495	Posterior approach in total hip arthroplasty : Comparative prospective study between mini incision approach and standard incision approach. Essig, J.	
14.40 F496	A modified direct lateral minimally invasive approach to the hip. Surgical technique and early results Hourlier, H.	
14.50 F497	The post-operative inflammatory response following minimally invasive total hip arthroplasty: A prospective randomised controlled trial. Ogonda, L./ Ogonda, L.; Wilson, R.; O'Brien, S.; Beverland, D.	
15.00 F498	A single incision minimally invasive technique in total hip arthroplasty does not reduce the length of hospital stay: A prospective randomised controlled trial. Ogonda, L. / Ogonda, L.; Wilson, R.; O'Brien, S.; Beverland, D.	
15.10 F499	The piriformis-sparing minimally invasive (PSMI) posterior approach to the hip Khan, R. / Fick, D.; Khoo, P.; Yao, F.; Nivbrant, B.; Wood, D.J.	
15.20 F500	MIT - H - Minimally invasive technique in hip arthroplasty Impagliazzo, H. / Impagliazzo, A.; Carlucci, V.; Rosati, R.	

MONDAY

6 JUNE 2005

AUDITORIUM 7

FREE PAPERS HIP 12		MINIMALLY INVASIVE THA 2 MODERATORS: SOBALLE, K. (DENMARK); JACINTO, J.(PORTUGAL)	16.00 – 18.00
16.00	F501	Minimal invasive hip replacement with the mayo hip stem Oehme, S. / Haasters	
16.10	F502	Minimally invasive total hip arthroplasty with the shortened Smith-Peterson anterior approach Bradley, G. / Bradley, G.	
16.20	F503	Minimally invasive total hip arthroplasty via single incision direct anterior approach Rachbauer, F. / Nogler, M. ; Krismer, M.	
16.30	F504	Posterior approach in total hip arthroplasty : prospective study between mini incision approach and standard incision approach Asencio, G. / Essig, J.	
16.40	F505	Mini-invasive posterolateral approach saving external rotator for total hip replacement Bonalumi, M. / Rinaldi, G.P.; Bonalumi, M.; Capitani, D.	
16.50	F506	What MIS hip technique should we use. Two year follow up of 250 two-incision minimally invasive total hip replacement Udvarhelyi, I. / Udvarhelyi, I.; Hangody, L; Panics, I.; Karpati, Z.	
17.00	F507	Effectiveness of mini-incision technique in primary hip replacement. Panisello, J. / Panisello, J.J.; Canales, V.; Herrera, A.; Mateo, J.; Peguero, A.	
17.10	F508	Quantitative assessment of surgical approaches to hip joint. Golubev, G. / Kabanov, V.; Golubev, V.	
17.20	F509	Minimally invasive total hip arthroplasty: the Mayday University Hospital experience Sharif, K. / Sharif, K.; Jayasekera, N.; Sharief, Z.; Kashif , F.	
17.30	F510	A prospective randomised pilot study to compare early post-operative recovery after conventional versus minimal incision posterior approach for total hip joint replacement Sharma, S. / Sharma, S.; Bhamra, M.S.	
17.40	F511	Minimum invasive hip arthroplasty versus standard hip arthropalsty - comparison of early clinical and radiographic results Sosin, P. / Dutka, J.; Sosin, P.; Libura, M.; Skowronek, P.	
17.50	F512	Precision of component positioning of two resurfacing systems and its relevance for implant failure Hersche, O. / Hersche, O.	

AUDITORIUM 8

FREE PAPERS TRAUMA 9		FRACTURE TREATMENT MODERATORS: SVENSSON, O. (SWEDEN); DUARTE, G. (PORTUGAL)	8.00 – 10.00
8.00	F513	Early clinical experience with the less invasive stabilisation system (liss) in the treatment of complex distal femoral & proximal tibial fractures Ahmad, M. / M Ahmad, A.; Bajwa, A.; Khatri, M.	
8.10	F514	New screw-plate fixation systems with angular stability (liss, lcp) for complex fractures. prospective study of 23 fractures with a follow up of 20 months. Hernanz-Gonzalez, Y. / Diaz-Martin, A.; Jara Sanchez, F.; Resines Erasun, C.	
8.20	F515	Anatomical considerations and limitations of wire placement using the taylor spatial frame. Calder, P. / Hawkins, R.; Calder, P.; Goodier, D.	
8.30	F516	Interobserver agreement and intraobserver reproducibility in two open fracture classifications for long bones. Salcedo-Cánovas, C. / Sanchez, R.; Salcedo, C.; Martinez, M.; Molina, J.; Vera, F.; Villarreal, J.L.	
8.40	F517	Limp salvage in polytrauma patients with musculoskeletal and vascular injuries. Hatzisymeon, A. / Petsatodes, G.; Hatzisymeon; Givisis, P.; Papadopoulos, P.; Antonarakos, P.; Pournaras, J.	

AUDITORIUM 8

FREE PAPERS TRAUMA 9		FRACTURE TREATMENT MODERATORS: SVENSSON, O. (SWEDEN); DUARTE, G. (PORTUGAL)	8.00 – 10.00
8.50	F518	Embolic, coagulative and inflammatory responses to major trauma and subsequent treatment Gray, A. / White, T.O.; Clutton, E.; Hawes, B.; Christie, J.; Robinson, C.M.	
9.00	F519	The impact of psychological distress symptomatology on quality of life in trauma patients: a prospective observational study Leece, P. / Leece, P.; Bhandari, M.; Busse, J.; Leece, P.; Ayeni, O.R.; Hanson, B.P.; Schemitsch, E.H.	
9.10	F520	Influence of weather conditions in the incidence of admissions in an acute orthopaedic ward in a district general hospital Ahmad, M. / Ahmad, M.; Khatri, M.; Hildreth, T.; Roysam, G.S.; Nanu, A.M.	
9.20	F521	Check radiographs after dynamic hip screw fixations do we need them routinely? Michael, A. / Kurup, H.V.; Michael, A.L.R.; Beaumont, A.R.	
9.30	F522	Re-evaluation of low molecular weight heparin in the thromboprophylaxis of pelvic and acetabular trauma surgery Baker, R. / Baker, R.P.; Smart, D.; Chesser, T.J.S.; Ward, A.J.	
9.40	F523	Compartmental pressure monitoring: the use of epidural or regional blocks, and the measurement of pressures in the unconscious patient: a national audit Qureshi, A. / McGee, A.; Porter, K.	
9.50	F524	Characteristic pattern of injuries in the roll over car crashes. Gudena, R. / Gudena, R.; Chong, M.	
FREE PAPERS TRAUMA 10		FRACTURES AROUND THE KNEE MODERATORS: KINZL, L. (GERMANY); BRANCO AMARAL, L. (PORTUGAL)	10.00 – 12.00
10.00	F525	Type c 1,2 fractures of the distal femur treated with a retrograde nail. knee recovery after five years follow up. Katsenis, D. / Pogiatzis, K.; Katsenis, D.; Kouris, A.; Schoinochoritis, N.; Psiloglou, N.; Tselves, P.	
10.10	F526	Outcome of retrograde intramedullary nailing following supracondylar periprosthetic fractures post TKR. Kasis, A. / Kasis, A.G.; Hekal, W.; Deeb, A.; Kasis, A.G.; Farhan, M.	
10.20	F527	The results of distal femoral nail fixation of supracondylar femoral fractures in the elderly. Sundaram, R. / Ramakrishnan, M.; Kumar, G.; Sundaram	
10.30	F528	Retrograde intramedullary nailing of supra- and percondylar fractures of the distal femur Vastmans, J. / Braeun, R.K.; Poetzel, T.; Buehren, V.	
10.40	F529	Optimal treatment of supra and inter-condylar fractures of femur. retro nail? Predescu, V. / Predescu, V.; Georgeanu, V.; Groseanu, F.; Gandea, I.; Ciocirlan, S.; Cristea, S.	
10.50	F530	Use of intramedullary retrograde femoral nails (Stryker) in intra-supracondylar femoral bone fractures fixation Gkantaifis, A. / Daskalakis, E.; Gkantaifis, N.; Kalabokis, A.; Deligeorgis, A.; Kokorogiannis, C.; Loannidis, T.T.;	
11.00	F531	Comparison of three methods of internal fixation for a. o/c fractures of the distal third of the femur. Hatzisymeon, N. / Petsatodes, G.; Hatzisymeon; Givisis, P.; Christodoulou, A.; Antonaracos, P.; Pournaras, J.	
11.10	F532	Minimally invasive plate osteosynthesis (mipo) using a dynamic condylar screw (DCS) in proximal and distal femoral fractures Sirbu, P. / Georgescu, N.; Pencu, D.; Ghionoiu, G.; Cristea, O.; Bruja, R.; Asaftei, R.	
11.20	F533	The Chertsey classification of tibial plateau fractures - how reliable is it? Ridgeway, S. / Ridgeway, S.; Bhatnagar, P.; Kharendesh, P.; Gibbs, J.; Newman, K.J.; Khaleel, A.; Elliott, D.S.	
11.30	F534	Tibial plateau fractures: percutaneous surgical approach and norian skeletal repair system Betti, E. / Morescalchi, G.	
11.40	F535	Role of minimal osteosynthesis in tibial plateau fractures Bardl, C. / Bardl, C.; Olmeda, A.; Turra, S.; Bonaga, S.	
11.50	F536	Arthroscopic treatment of tibial intercondylar eminence avulsion in children Havlas, V. / Havlas, V.; Trc T.; Smetana, P.; Rybka, D.; Schovanec, J.; Kopecný, Z	

MONDAY

6 JUNE 2005

AUDITORIUM 8

NDUSTRY WORKSHOP	SMITH & NEPHEW: ANATOMIC ACL RECONSTRUCTION – "ASK THE EXPERT" MODERATORS: FU, F.H. (USA); CHRISTEL, P. (FRANCE)	12.30 – 14.00
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The Pittsburgh experience
Fu, F.

The French experience
Pascal, C.

FREE PAPERS TRAUMA 11	TRAUMA ORGANIZATION AND EVALUATION MODERATORS: KRETTEK, C. (GERMANY); MINEIRO, J.(PORTUGAL)	14.00 – 15.30
14.00 F537	Which AIS based scoring system is the best predictor of outcome in blunt orthopaedic trauma patients? Harwood, P. / Harwood, P.J.; Giannoudis, P.V.; Probst, C.; Van Griensven, M.; Krettek, C.; Pape, C.H.	
14.10 F538	Time for change in variables used for calculating probability of survival for trauma patients? Attar, F. / Attar, F.; Simms, P.	
14.20 F539	Is it time for surgeons to start collecting their own data? Al Khayer, A. / Al khayer, A.; Turner, R.G.; Leonard, L.; Paterson, M.P.	
14.30 F540	The practice of out-lying trauma patients is dangerous. a multi-centre comparison study of trauma nursing care. Lloyd, J. / Lloyd, J.; Elsayed, S.; Orth; Majeed, A.; Kadambande, S.; Lewis, D.; Hannaway, L.	
14.40 F541	Trauma rapid review process: efficient outpatient fracture management Ibrahim, T. / Beiri, A.; Ibrahim, T.; Alani, A.; Taylor, G.J.S.	
14.50 F542	Improving the trauma service in a large orthopaedic unit. A new trauma protocol Pulavarti, R. / Lazarides, S.; Pulavarti, R.S.; Nanu	
15.00 F543	Emergencies in the air Qureshi, A. / Porter, K.	
15.10 F544	Clinical problems and functional outcome at one year: experience from the Madrid 11th bombings Ruiz, R. / Doussoux, C.; Baltasar, P.L.; Erasun, J.R.; Fuentes, C.G.	
15.20 F545	Injuries in "semi-professional" soccer players: Analysis of type of injuries and options of treatment. Karatzas, G. / Karatzas, G.; Kapralos, P.; Dimitriadis, A.; Kritis, D.	

FREE PAPERS GENERAL ORTHOPAEDICS 3	BASICS MODERATORS: WOOLF, A. (UNITED KINGDOM); AMARAL, S. (PORTUGAL)	16.00 – 18.00
16.00 F546	Callus tissue torsional, bending and compressive stiffness are interrelated and predict the bone load bearing capacity in a model of distraction osteogenesis Floerkemeier, T. / Floerkemeier, T.; Hurschler, C.; Witte, F.; Wellmann, M.; Thorey, F.; Halbritter, U.; Windhagen, H.	
16.10 F547	Fluorescent microsphere method is suitable for chronic bone blood flow measurement - a long-term study after meniscectomy in rabbits Anetzberger, H.A. / Thein, E.; Vogt, S.; Imhoff, A.	
16.20 F548	Are all self tapping screws similar? A biomechanical study Rubel, I. / Fornari, E.; Miller, B.; Hayes, W.	
16.30 F549	Treatment of osteochondral defects with a collagen type I / hyaluronate implant and growth and differentiation factor 5 in a minipig model Jung, M. / Jung, M.; Tuischer, J.; Sergi, C.; Simank, H.G.	
16.40 F550	Gene therapy for treatment of hip prosthesis loosening preliminary results of a phase-1 clinical study Poorter, J. / De Poorter , J.J; Huizinga, T.W.J; Ellis, J; Mountain, A; Hoeben, R.C.; Nelissen, R.G.H.	
16.50 F551	A comparative animal study of four pin-types differing in design, implantation technique and surface Moroni, A. / Moroni, A.; Pegreffi, F.; Frizziero, A.; Hoang-Kim, A.; Giannini, S.	

AUDITORIUM 8

FREE PAPERS GENERAL ORTHOPAEDICS 3		BASICS MODERATORS: WOOLF, A. (UNITED KINGDOM); AMARAL, S. (PORTUGAL)	16.00 – 18.00
17.00	F552	The effects of hyaluronic acid on the early stage of osteoarthritis Gunes, T. / Gunes, T.; Saygi, B.; Erdem, M.; Koseoglu, R.D.; Kilic, N.; Sen, C.	
17.10	F553	Hypertonic saline resuscitation attenuates skeletal muscle ischaemia reperfusion injury and the associated end-organ injury. Dillon, J. / Dillon, J.P.; Laing, A.J.; Chandler, J.R.S.; Shields, C.J.; Wang, J.H.; McGuinness, A.J.; Redmond, H.P.	
17.20	F554	Bone allograft - do we need a safe, cost effective, and abundant alternative? Foeren, M. / Koepp, H.; Puhl, W.	
17.30	F555	Fat embolism and cardiovascular changes following vertebroplasty in an animal model. Is the cement to blame? Theis, J. / Theis, J.C.; Aebl, N.; Davis, G.; Krebs, J.; Schwenke, D.	
17.40	F556	Nonvascular bone grafts for bone defect filling: an experimental study Athanasios, V. / Athanasios, V.; Papachristou, D.J.; Saridis, A.; Scopa, C.D.; Lambiris, E.; Megas, P.	
17.50	F557	Positive effects of parathyroid hormone (1-34) on implant fixation in osteoporotic bone - a histomorphometric analysis in rats. Skripitz, R. / Skripitz, R.; Werner, A.; Ruther, W.; Aspenberg, P.	

AUDITORIUM 9

FREE PAPERS PAEDIATRICS 5		DDH – DEVELOPMENTAL MODERATORS: WINGSTRAND, H. (SWEDEN); MATOS, G. (PORTUGAL)	8.00 – 10.00
8.00	F558	The value of Harcke's ultrasound technique for newborn hips screening Synder, M. / Niedzielski, K.; Drobiewski, M.	
8.10	F559	How significant is the presence of an ossific nucleus on ultrasound scan in children with developmental dysplasia of the hip? Johnson, P. / Johnson, P.S.; Davies, I.; Burton, M.; Bell, M.J.; Flowers, M.J.	
8.20	F560	Computed tomography in DDH, can it be used as a prognostic tool? Calder, P. / Calder, P.; Ramachandran, M.; Hill, R.; Jones, D.	
8.30	F561	Measuring hip development using MRI - a preliminary report Burton, M. / Whitby, E.H.; Bell, M.J..	
8.40	F562	Age depending radiological development of the hip from childhood to puberty Ihme, N. / Ihme, N.; Roehrig, H.; Schroeder, S.; Niedhart, C.; Niethard, F.U.	
8.50	F563	Hip arthrography in the assessment of children with developmental dysplasia of the hip and perthes' disease Kotnis, R. / Kotnis, R.; Spiteri, V.; Little, C.; Theologis, T.; Wainwright A.; Benson, M.K.B.	
9.00	F564	The labrum acetabulare in ddh De Pellegrin, M. / Maurizio, P.; De Pellegrin; Fraschini, G.	
9.10	F565	Development of acetabulum in DDH.; a prospective, controlled study in anatomically reduced and uncomplicated hips treated surgically under 18 months of age Omeroglu, H. / Omeroglu, H.; Bicimoglu, A.; Agus, H.; Tumer, Y.	
9.20	F566	Overhead traction in conservative therapy of congenital hip dislocation Adamec, O. / Adamec, O.; Dungl, P.; Chomiak, J.; Frydrychova, M.	
9.30	F567	Treatment of developmental dislocation of the hip after walking age. Radler, C. / Radler, C.; Ganger, R.; Petje, G.; Manner, H.M.; Grill, F.	
9.40	F568	Does neonatal hip instability increase the risk for total hip arthroplasty in young adults? Engesaeter, L. / Engesaeter; Furnes, O.; Lie, S.A.; Vollset, S.E.	
9.50	F569	Does treatment of developmental dysplasia of hip (DDH) after walking age really changes quality of life at adulthood? Daglar, B. / Daglar, B.; Bayrakci, K.; Tasbas, B.A.; Aaeyer, M.; Delialioglu, O.M.; Gunel, U.	

AUDITORIUM 8

AUDITORIUM 9

MONDAY

6 JUNE 2005

AUDITORIUM 9

FREE PAPERS PAEDIATRIC 6	SUPRACONDYLAR FRACTURES MODERATORS: NIETHARD, F. (GERMANY); COUTINHO, J.(PORTUGAL)	10.00 – 11.00
10.00 F570	Outcome of displaced supracondylar fractures of humerus in children. Mehta, H. / Majeed, M.A.; Mehta, H.; Noor, S.S.; Mackie, I.G.	
10.10 F571	A study for changing practices in treating displaced supracondylar fractures treated by percutaneous Kirschner wires Vallamshetla, V.R.P. / Gardiner, E.; Thalava, R.; Bache, E.	
10.20 F572	We still prefer open reduction in the treatment of displaced supracondylar humeral fractures in children Utkan, A. / Utkan, A.; Uludag, M.E.; Kose, C.; Portakal, S.; Ciliz, A.; Tumoz, M.A.	
10.30 F573	Problems in the surgical management of displaced supracondylar fractures of the humerus in children Tanaka, H. / Tanaka, H.; Talwalker, N.; Attara, G.A.	
10.40 F574	Latrogenic ulnar nerve injury correlates with the angular insertion of the medial pin in supracondylar humerus fractures Omeroglu, H. / N Ozcelik, A.; Tekcan, A.; Omeroglu, H.	
10.50 F575	Tertiary referral outcomes of nerve injuries associated with paediatric supracondylar humeral fractures Ramachandran, M. / Ramachandran, M.; Kato, N.; Fox, M.; Birch, R.; Eastwood, D.M.	
ICL 14	CONGENITAL PSEUDARTHROSIS OF THE TIBIA MODERATORS: HEFTI, F. (SWITZERLAND)	11.00 – 12.00
INDUSTRY WORKSHOP	ZIMMER NCB(R) – "PROXIMAL HUMERUS AND DISTAL FEMUR OSTEOSYNTHESIS PLATE WITH POLYAXIAL LOCKING SCREWS"	12.30 – 14.00
FREE PAPERS TRAUMA 12	SHOULDER AND ELBOW MODERATORS: THOMAZEAU, H. (FRANCE); SEABRA, R. (PORTUGAL)	14.00 – 16.00
14.00 F576	The investigation of strength of fixations with various types of osteosynthesis of the proximal humeral fractions in experimental and clinical research Obrebski, M. / Obrebski, M.; Rapala, K.; Wychowski, M.; Wit, A.	
14.10 F577	Fractures of the proximal humerus- clinical review Cartucho, A. / Cartucho, A.; Martins, S.; Ulisses, P.; Monteiro, J.	
14.20 F578	Proximal humeral fractures: operative and clinical experience with angle-stable plate osteosynthesis Frangen, / Kaelicke, T.; Dudda, M.; Greif, S.; Martin, D.; Muhr, G.; Arens, S.	
14.30 F579	Surgical treatment of proximal humeral fractures. A retrospective analysis of 45 cases. Pouliart, N. / Pouliart, N.; [N. Handelberg, F.]	
14.40 F580	LCP - PHILOS : advantages x difficulties and complications Nestrojil, P. / Nestrojil, P.	
14.50 F581	Treatment of proximal humerus fractures with LP-PHP plate Franchin, / Santolini, F.; Sanguineti, F.; Briano, S.; Federici, M.; Stella, M.	
15.00 F582	Osteosynthesis of the proximal humerus fractures with a new locked plate. Hersan, A. / Hersan, A.; Talha, A.; Gournay, A.; Cronier, P.; Toulemonde, JL ; Hubert, L.; Massin, PH.	
15.10 F583	2 Year follow up of polarus nail for proximal humeral fractures Moonot, / Ashwood, N.; Fazal, M.A.	
15.20 F584	Bicondylar distal humerus fractures treated with a transolecranic osteotomy and acumed titanium plates Hatzisymeon, A. / Givissis, P.; Hatzisymeon, A.; Papadopoulos, P.; Petsatodes, G.; Christodoulou, A.; Pournaras, J.	
15.30 F585	Neurologic complications after ORIF of bicondylar fractures of the humerus Enchev, / Liudmil, S.; Marcho, M.; Andrei, L.; Simeon, A.	

AUDITORIUM 9

FREE PAPERS TRAUMA 12		SHOULDER AND ELBOW MODERATORS: THOMAZEAU, H. (FRANCE); SEABRA, R. (PORTUGAL)	14.00 – 16.00
15.40 F586		Treatment of unreconstructible fractures of radial head by resection or swanson implant : what is worst? Comparative retrospective study with 15 years of FU Obert, L. / Obert, L. ; Lepage, D.; Clappaz, P.; Huot, D.; Tropet, Y.; Garbuio, P.	
15.50 F587		Terrible triad injuries of the elbow results of early intervention and active rehabilitation Rosell, P.A. / Rosell, P.A.E.; Watkinson, D.; Hargreaves, D.G.	
SYMPOSIUM 25		HAND SURGERY IN CHILDREN MODERATORS: ARNER, M. (SWEDEN)	16.30 – 18.00
		Hand surgery in children with cerebral palsy Arner, M.	
		Congenital malformations of the hand: Etiology and classification; General principles of treatment and surgical management of most common hand deformities Silva, C.	
		Growth disturbance and other considerations when treating children with arthritic hands Arner, M.	

AUDITORIUM 10

FREE PAPERS KNEE 12		BLOOD MANAGEMENT MODERATORS: DAHL, O.E. (SWEDEN) ; RUANO, A. (PORTUGAL)	8.00 – 10.00
8.00 F588		Are reinfusion drains really beneficial? Gonchikar, M. / Gonchikar, M.; Lakshmanan, P.; Sharma, A.; Gonchikar, M.	
8.10 F589		Do uncemented knee bleed more? Prospective, randomised study. Hussain, S. / Hussain, S. M.; Robinson D.; Hadden, W.A.	
8.20 F590		The efficacy of postoperative blood drainage, salvation & auto-transfusion in patients undergoing total knee arthroplasty. Kirkos, J. / Krystallis, C.Th.; Konstantinidis, P.A.; Papavasiliou, K.A.; Kyros, M.J.; Ikonomidis, L.G.	
8.30 F591		Introduction of tranexamic acid in TKR. A comparative study. Ballester, M. / Ballester, M.; Auleda, J.; Coll, M.; Olle, G.	
8.40 F592		Tranexamic acid reduces early post operative blood loss after total knee arthroplasty: A prospective randomised controlled trial of 29 patients Orpen, N. / Orpen, N.M.; Little, C.; Walker, G.; Crawfurd, E.	
8.50 F593		What is the closed suction drain role following unicompartmental knee replacement? A prospective randomized study Confalonieri, N. / Confalonieri, N.; Manzotti, A.; Motavalli, K.; Fascia, M.	
9.00 F594		Intraoperative cerebral microembolisation and the effect on neuropsychiatric outcome in total knee arthroplasty. Patel, R. / Stygall, J.; Harrington, J.; Newman S.; Haddad, F.S.	
9.10 F595		Efficacy of femoral nerve block in conjunction with epidural analgesia for total knee arthroplasty Sensi, L. / Baldini, A.; Aglietti, P.; Sensi, L.; Coppini, R.	
9.20 F596		Can a urinary tract symptom score predict the development of post-operative urinary retention in patients undergoing lower limb arthroplasty under spinal anaesthesia? Singh, H. / Singh, H.P.; Sarsin, S.M.; Walton, M.; Clark, D.I.	
9.30 F597		Prevention of venous thromboembolism after primary total hip arthroplasty with a multimodal prophylaxis protocol. A prospective follow up study of 1946 patients. Gonzalez Della Valle, A. / Serota, A.; Sorriaux, G.; Go, G.; Sculco, T.P.; Sharrock, N.E.; Salvati, E.A.	

AUDITORIUM 10

FREE PAPERS KNEE 12	BLOOD MANAGEMENT MODERATORS: DAHL, O.E. (SWEDEN) ; RUANO, A. (PORTUGAL)	8.00 – 10.00
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9.40 F598	The risk factors for DVT after hip and knee replacement Nolewajka, M. / Gazdzik, T.; Niedzwiedzki, L.; Bozek, M.
9.50 F599	The effectiveness of reinfusion after total hip replacement. a prospective randomized controlled study Zacharopoulos, A. / Zacharopoulos, A.; Xenos, G.; Xrisanthopoulou, M.; Apostolopoulos, A.; Anastasopoulos, P.; Antoniou, D.; Vasiliets, T.; Moscachlaidis, S.

FREE PAPERS INFECTION 2	INFECTION MODERATORS: CORDERO, J. (SPAIN); LEMOS, C. (PORTUGAL)	10.00 – 12.00
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10.00 F600	Loose painful joint replacement: septic or aseptic? Gaston, P. / Howie, C.R.; Burnett, R.; Nutton, R.W.; Annan, I.H.; Salter, D.; Simpson, A.
10.10 F601	Is intraoperative culture sample a predicting factor for periprosthetic infection after primary hip- and knee-replacement ? Frank, C. / Frank; Adams, C.B.; Schulte-Bockholt, M.; Heppert, D.; Wentzensen, V.
10.20 F602	Poor predictive value of broad range PCR for the detection of arthroplasty infection Panousis, K. / Panousis, K.; Grigoris, P.; Butcher, I.; Rana, B.; Reilly, J.H.; Hamblen, D.L.
10.30 F603	Efficacy of white cell scan in the diagnosis of periprosthetic joint infections Dussa, C. / CU, D.; Munir, U.; Herbert, J.; Tudor, G.
10.40 F604	PET - helpful diagnostic in osteitis? Militz, M. / Linke, R.
10.50 F605	Failure analysis of 12 one-stage exchange procedures of tha for periprosthetic infection Wodtke, J. / Wodtke; Luck, J.F.K.; Loehr, J.F.
11.00 F606	Cannulated articulating spacer in the treatment of total hip arthroplasty infection Jahoda, D. / Sosna, A.; Pokorny, D.; Landor, I.; Vavrik, P.
11.10 F607	Low dose vancomycin is effective when used in PMMA cement spacers for infected hip arthroplasties Akuen, R. / Akgun, R.C.; Atilla, B.; Tokgozoglu, A.M.; Alpaslan, A.M.
11.20 F608	Antibiotic loaded spacer for two - stage revision of infected total hip replacements Magnan, B. / Magnan, B.; Regis, F.; Bartolozzi, P.
11.30 F609	One stage non-cemented revision of septic hip prosthesis using antibiotic-loaded bone grafts Winkler, H. / Winkler, H.; Krems, K. K.
11.40 F610	Prolonged combinations of oral intracellular-effective antibiotics for 2-stage exchange Cordero-Ampuero, J. / Cordero-Ampuero, J.; Garcia-Cimbrelo, E.; Dios-Perez, M.
11.50 F611	Preformed articulated all-cement spacer in two stage revision for infected knee replacement. rationale and clinical results Ferrari, R./ Castelli, C.C.; Ferrari, R.

INDUSTRY SYMPOSIUM	SYNTES "PFNA" MODERATORS: SEIBERT, F.J. (AUSTRIA)	12.30 – 14.00
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Leading the way to optimal stability in the fixation of proximal femoral fractures. Lecture of experience to date, followed by a technical demonstration. Seibert, F.J. (Austria)		
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FREE PAPERS SHOULDER 3	SHOULDER IMPLANTS MODERATORS: POSTACCHINI, F. (ITALY); LOURENÇO, J. (PORTUGAL)	14.00 – 15.30
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14.00 F612	Surgical management of rotator cuff arthropathy a case comparison study Sabri, O. / Sabri, O.; Sarangi, P.
14.10 F613	Functional outcome and quality of life after implantation of a third generation shoulder prosthesis Goldhahn, J. / Flury, M.P.; Siebertz, D.; Goldhahn, J.; Schwyzer, H,K.; Simmen, B.R.

AUDITORIUM 10

FREE PAPERS SHOULDER 3		SHOULDER IMPLANTS MODERATORS: POSTACCHINI, F. (ITALY); LOURENÇO, J. (PORTUGAL)	14.00 – 15.30
14.20	F614	Correlation between shoulder prosthesis position and clinical outcome Padua, F. / Bondão, R.; Galluzzo, M.; Ceccarelli, E.; Campi, S.; Campi, S.	
14.30	F615	Grammont inverted total shoulder arthroplasty : results after 5 to 10 years and survivorship curves according to etiology. Luc, R. / Favard, L.; Guery, J.; Sirveaux, F.; Oudet, D.; Mole, D.; Walch, G.	
14.40	F616	Exchange shoulder arthroplasty using inverse implants Katzer, A. / Jwabra, A.A.; Ince, A.; Seemann, K.; Loehr, J.F.	
14.50	F617	Revision arthroplasty with the inverse delta-iii-prosthesis after failed primary shoulder arthroplasty Sukthankar, A. / Sukthankar, A.	
15.00	F618	Analysis of glenoid component position, lateral offset and screw geometry for fixation of reverse total shoulder replacements Harman, M. / Harman, M.; Frankle, M.; Gutierrez, S.; Greiwe, R.M.	
15.10	F619	Radiographic comparison of two different glenoid preparation techniques in total shoulder arthroplasty István, S. / Szabá, I.; Buscayret, F.; Walch, G.; Boileau, P.; Edwards, T.B.	
15.20	F620	Measurements of shoulder prosthesis positioning Abrassart, S. / Barea, C.; Hoffmeyer, P.	
FREE PAPERS TRAUMA 13		DISTAL RADIUS FRACTURES AND RELATED LESIONS MODERATORS: KOPYLOV, P. (SWEDEN); LEMOS, R. (PORTUGAL)	16.00 – 18.00
16.00	F621	Complex regional pain syndrome (type 1). A comparison of two diagnostic criteria methods. Mcbride, A. / McBride, A.R.T.; Barnett, A.J.; Livingstone, J.A.; Atkins, R.M.	
16.10	F622	Association of radiological parameters with objective and patient-rated outcome in distal radius fractures Karnezis, L. / George, I.; Drosos; Emmanouel, G.; Fragkiadakis;	
16.20	F623	Complex distal radius and ulna fractures in severely politraumatized patients: treatment with a combined external pennig fixator and internal augmentation with plate. Valentinotti, U. / Valentinotti, U.; Spagnolo, R.S.; Cadlolo, R.; Bonalumi, M.; Capitani, D.; Bono, B.	
16.30	F624	Combination of external fixation and NORIAN S.R.S in the treatment of commuted distal radius fractures Nikolaou, V. / Lazaretos, J.; Nikolaou, V.; Efstatopoulos, N.; Pneumaticos, S.; Plessas, S.; Papachristou, G.	
16.40	F625	Patient related outcome of distal radius fractures. A prospective and consecutive study of 542 patients measured with DASH. Abramo, A. / Tagil, M.; Kopylov, P.	
16.50	F626	Closed reduction of colles fracture- what is best? Haematoma block or intravenous sedation. Sunderamoorthy, D. / Proctor, A.; Murray, J.	
17.00	F627	Distal radius fracture and injectable cement : usefull or not ? Prospective continue study of 48 cases with minimal follow up of 3 years Obert, L. / Obert, L.; Leclerc, G.; D.Lepage, D.; Clappaz, P.; Tropet, Y.; Garbuio, P.	
17.10	F628	Palmar plate fixation with 3.5 (LCP) locking compression T plate for dorsally displaced wrist fracture. Report of 23 cases. Pichon, H. / Pichon, H.; Jager, S.; Chergaoui, A. Carpenter, E.; Chaussard, C.; Jourdel, F.; Saragaglia, D.	
17.20	F629	Dislocation of distal radio ulnar joint associated with fracture both bones of forearm - a prospective study Rachha, R. / Rao, V.B.N.P.; Shetty, R.R.; Kumar, B.	
17.30	F630	Treatment of distal radioulnar (RU) joint instability by reconstructing both palmar and dorsal RU ligaments with a tendon graft (Adams technique) Mota da Costa, J. / Pinto, A.	
17.40	F631	Reconstruction of scaphoid nonunions: the predictive value of preoperative MRI-scans Meier, M. / Maximilian, M.; Kai, M.; Hermann, K.; Ulrich,L.; Georgios, C.; Reiner, S.	
17.50	F632	Bilateral scaphoid non-union. Kokkalis, Z. / Themistocleous, G.S.; Chloros, G.D.; Krokos, A.; Psicharis, I.; Efstatopoulos, D.G.	

MONDAY

6 JUNE 2005

AUDITORIUM 11

SYMPOSIUM 26 EUROPEAN ARTHROPLASTY REGISTERS (EAR) 8.00 – 10.00

Project update EAR and value of literature in the assessment of joint implants
Böhler, N.; Labek, G.

Lessons learnt from the Swedish total hip arthroplasty register
Herberts, P.

Non-steroidal inflammatory drugs increase the risk for revision due to aseptic loosening in non-cemented total hip replacements. Observation from 8-years follow-up of the Danish hip arthroplasty register
Kjærsgaard-Andersen, P.; Johnsen, S.P.; Riis, A.; Overgaard, S.; Lucht, U.

Resurfacing hip replacement, the Australian experience. A report from the Australian Orthopaedic Association National Joint Replacement Registry
Graves, S.

Arthroplasty activities and implants used in European countries
Rosiek, R.; Sekyra, K.; Labek, G.; Böhler, N.; Krismer, M.

Slovakian arthroplasty register 2003–2004 first analysis
Necas, L.

Introductory studies on hip and knee revision implants - Romanian arthroplasty register (RAR)
Stoica, C.; Labek, G.; Davu, D.; Dragomirescu, D.; Antonescu, D.

Unicompartmental knee arthroplasty - influence of training and approach
Robersson, O.

Regional registers - value and problems
Zagra, L.; Giacometti Ceroni, R.; Mineo, G.; Dell'Oca, M.; Amigoni, M.

FREE PAPERS FOOT AND ANKLE 3 10.30 – 11.00

FOOT 4 MODERATORS: DHAR, S. (UNITED KINGDOM); FONSECA, M.A. (PORTUGAL)

ICL 15 ANKLE REPLACEMENT 11.00 – 12.00

INDUSTRY WORKSHOP MEDTRONIC SOFAMOR DANEK "NEW OPPORTUNITIES FOR USE OF GROWTH FACTORS IN ORTHOPAEDIC SURGERY" 12.30 – 14.00

Recent Advances in the study of growth factors.
New findings relating to the potential orthopaedic use of growth factors will be reviewed
Marchese, C. (Italy)

AUDITORIUM 11

INDUSTRY WORKSHOP	MEDTRONIC SOFAMOR DANEK "NEW OPPORTUNITIES FOR USE OF GROWTH FACTORS IN ORTHOPAEDIC SURGERY"	12.30 - 14.00
<p>Can spine surgery benefit from growth factors? A critical review of the literature will examine the question whether application of growth factors will improve clinical outcomes in patients requiring spine surgery Rauschning, W., (Sweden)</p>		
<p>New perspectives on the use of bone morphogenetic protein in acute Tibia fracture: The addition of rhBMP-2 to the treatment of open tibia fractures represents a significant improvement over the standard of care. Treatment of grade III tibia fractures with rhBMP-2 reduced the incidence of both invasive secondary interventions and infections. The additional expense of using rhBMP-2 may be justified for these severe fractures, by the potential to eliminate the cost required to treat such complications. Nordsletten, L., (Norway)</p>		
<p>The value of bone morphogenetic proteins in long bone fracture: A comparative evaluation of BMPs in long bone fracture. While surgeons express interest in this promising alternative to autograft, what is the evidence base for selecting a BMP and what are the clinical indicators for use. Chiron, C., (France)</p>		
SYMPOSIUM 27	CONTROVERSIES IN HALLUX VALGUS SURGERY MODERATORS: SCAMMEL, B. (UNITED KINGDOM)	14:00 - 15:30
<p>Overview of the problem Scammel, B.</p>		
<p>Distal metatarsal osteotomies Taylor, A.</p>		
<p>The scarf and proximal osteotomies Dhar, S.</p>		
<p>The adolescent hallux valgus Chell, J.</p>		
FREE PAPERS HIP 13	THA LOOSENING MODERATORS: JIMÉNEZ, J.P. (SPAIN); SALGUEIRO, J. (PORTUGAL)	16:00 - 18:00
16.00 F639	Prediction of Charnley femoral stem aseptic loosening by early post-operative radiological features Malik, H. / Fisher, N.; Gray, J.; Wroblewski, B.M.; Kay, P.R.	
16.10 F640	Loosening of joint arthroplasty- the potential of the periprosthetic membrane Schroeder, J. / Schroeder, J.H.; Morawietz, L.; Matziolis, G.; Leutloff, D.; Gehrke, T.; Krenn, V.; Perka, C.	
16.20 F641	Acetabular component loosening in THA - A prospective histologic approach Clauss, M. / Clauss, M.; Lueem, M.; Zimmermann, P.; Ochsner, P.E.	
16.30 F642	Comparison of porous-coated and hydroxyapatite-coated femoral components in primary hip arthroplasty: a nine to twelve year study. Valera, M. / Crusi, X.; Sancho R.; L. Trullos; P.	
16.40 F643	Differences in migration behaviour of cemented and uncemented femoral components throughout the process of aseptic loosening after THR. Biedermann, R. / Biedermann, R.; Kroell, A.; Bach, C.; Behensky, H.; Stoeckl B.; Krismer, M.	
16.50 F644	Assessment of bone defects around the acetabular cup with use of multislice computed tomography in total hip replacement García-Rey, E. / García-Cimbrelo, E.; Tapia, M.; Martin-Hervas, C.	
17.00 F645	Periprosthetic tissue reactions in metal-on-metal hip arthroplasty Witzleb, W. C. / Witzleb, W.C.; Hanisch, U.; Guenther, K.P.	

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FREE PAPERS HIP 13		THA LOOSENING MODERATORS: JIMÉNEZ, J.P. (SPAIN); SALGUEIRO, J. (PORTUGAL)	16:00 – 18:00
17.10	F646	Oral etidronate has no therapeutic effect on periprosthetic bone loss after cemented hip arthroplasty: a prospective randomized study Fokter, S. / Yerby, S.A.; Fokter, A.R.; Komadina, R.	
17.20	F647	Immuno-histological examination of samples taken from failed total hip arthroplasty Sohar, G. / Fabula, J.; Tiszlavicz, L.; Rago, R.; Meszaros, T.	
17.30	F648	The comparison of intraoperative incubated cultures with extraoperative incubated cultures and acute phase reactants for periprosthetic loosening etiology Erdogan, F. / Cansu, E.; Erdogan, F.; Babacan, M.; Guney, N.; Dogan, A. C.	
17.40	F649	Mechanical evaluation of plain and antibiotic laden bone cements: static or viscoelastic properties? Gheduzzi, S. / Gheduzzi, S.; Webb, J.C.; Wylde, V.; Spencer, R.F.; Learmonth, I.D.; Miles, A.W.	
17.50	F650	Oxidative stress and excessive fibrosis initiate aseptic loosening of hip arthroplasty Windhager, R. / Windhager, R.; Kinov, P.; Leithner, A.; Radl, R.; Bodo, K.; Khoschisorur, G.A.; Schauenstein, K.;	

AUDITORIUM 12

FREE PAPERS GENERAL ORTHOPAEDIC		BASICS MODERATORS: ASPENBERG, P.(SWEDEN); SOUSA, C. (PORTUGAL)	8.00 – 10.30
8.00	F651	Statins attenuate polymethylmethacrylate -mediated monocyte activation: a prophylaxis for aseptic loosening. Laing, A. / Laing, A.J.; Dillon, J.P.; Wang, J.H.; Redmond, H.P.; McGuinness, A.	
8.10	F652	Effect of melatonin fracture healing in rats Halici, M. / Halici, M.; Turk, C.Y.; Canoz, O.; Narin, F.; Guney, A.	
8.20	F653	A new metaphyseal fracture model in rabbits: healing with TCP carrier, OP-1 and systemic administration of PTH Tsiridis, E. / Tsiridis, E.; Kain, M.; Song, M.; Bancroft, J.; Rene, J.; Kakar, S.; Morgan, E.; Gerstenfeld, L.; Tornetta III,P.; Einhorn, T.	
8.30	F654	Controlled photochemical titanium-implant coupling of BMP-2 by molecular polymer-nanotechnology increase osseointegration in a rabbit model Thorey, F. / Thorey, F.; Witte, F.; Nellesen, J.; Griep-Raming, N.; Menzel, H.; Gross, G.; Hoffmann, A.; Windhagen, H.;	
8.40	F655	The effect of synthetic cell- binding peptide on the healing of cortical segmental bone defects Cakmak, G. / Cakmak, G.; Bolukbasi, S.; Kanatli, U.; Dursun, A.; Erdem, O.; Yilmaz, G.	
8.50	F656	Vascular endothelial growth factor regulates osteoblast survival - evidence for an autocrine feedback mechanism Street, J.T. / Street, J.T.; Lenehan, B.J.; Wang, J.H.; Wu, Q.D.; Redmond, H.P.	
9.00	F657	BMP-2 enhances bone growth into perforated hydroxyapatite coated titanium implants Theis, J.C. / Theis, J.C.; Aebli, N.; Krebs, J.; Stich, H.; Schawalder, P.	
9.10	F658	Efficacy of h-MSC+BPM-7 in bone graft Burastero, G. / Grappiolo, G.; Podestà, M.; Frassoni, F.; Castello, S.; Sessarego, N.; Spotorno, L.	
9.20	F659	The role of vegf in the experimentally induced osteoarthritis Tibesku, C. / Tibesku, C.O.; Szwart, T.; S.A. Ocken, S.A.; Skwara,, A.; Fuchs, S.	
9.30	F660	Endothelin plasma levels are increased in male patients with osteoporosis Muratli, H. / Muratli, H.H.; Celebi, L.; Hapa, O.; Bicimoglu, A.	
9.40	F661	Expression of the matrix receptor CD44v5 on chondrocytes changes with osteoarthritis. An experimental investigation in the rabbit. Tibesku, C. / Tibesku, C.O.; Szwart, T.; Ocken, S.A.; A. Skwara, A.; Fuchs, S.	

AUDITORIUM 12

FREE PAPERS GENERAL ORTHOPAEDIC	BASICS MODERATORS: ASPENBERG, P.(SWEDEN); SOUSA, C. (PORTUGAL)	8.00 - 10.30
9.50 F662	Tissue engineering of bone: molecular detection of human mesenchymal stem cells after implantation Seitz, S. / Seitz, S.; G. Horvath, G.; Guelkan, H.; Regauer, M.; Neth, P.; Mutschler, W.; Schieker, M.	
10.00 F663	Tissue-engineering using a novel bioreactor to heal bone defects Rust, P. / Rust, P.A.; Blunn, G.W.; Cannon, S.R.; Briggs, T.W.	
10.10 F664	Microarchitectural changes of the bone regenerate induced by sequential rh-BMP-2-injections in a sheep model of distraction osteogenesis Wellmann, M. / Wellmann, M., Witte, F.; Nellesen, J.; Crostack, H.-A.; Floerkemeyer, T.; Windhagen, H.	
10.20 F665	Diagnosis of soft tissue sarcomas of the foot and ankle: common symptoms cause delay Power, D. / Brewster, M.; Power, D.M.; Carter, S.R	
CROSS FIRE 4	INFECTION IN THA AND TKA. ONE STAGE OR TWO STAGE EXCHANGE ARTHROPLASTY MODERATORS: KNAHR, K. (AUSTRIA)	10.00 - 12.00
	One stage revision TKA Gehrke, T. (Germany)	
	Two stage revision TKA Haddad, F. (United Kingdom).	
	One stage revision THA Langlais, F.(France)	
	Two stage revision THA Cordero, J. (Spain)	
INDUSTRY WORKSHOP	B. BRAUN AESCULAP "ORTHOPILOT(R) THR NAVIGATION. EXPERIENCES – APPLICATIONS – RESULTS"	12.30 - 14.00
CROSS FIRE 5	OSTEOTOMY VERSUS UNICONDYLAR ARTHROPLASTY FOR THE KNEE MODERATORS: MURRAY, D. (UNITED KINGDOM)	14.00 - 15.30
	Osteotomy is usually best Jakob, R.	
	Osteotomy and UKA are appropriate in different patients Hernigou, P.	
	UKA is usually best Dodd, C.	
	Discussion, with voting buttons for the audience	
FREE PAPERS SHOULDER 4	SHOULDER INSTABILITY MODERATORS: CICAK, N.(CROATIA); CARTUCHO, A. (PORTUGAL)	15.30 - 17.00
15.30 F666	Open bankart procedure versus arthroscopic extra-articular stabilization of the shoulder Cicak, N. / Cicak, N.; Klobucar, H.; Delimar, D.	
15.40 F667	Un-restricted shoulder mobilisation after bankart repair: six years experience Shakeel, M. / Shakeel, M.; Johnstone, A.J.	
15.50 F668	Folding-unfolding of the anterior shoulder capsule as an indicator of glenohumeral ligament tension: analysis of stable, unstable and frozen shoulders Pouliart, N. / Pouliart, N.	

MONDAY

6 JUNE 2005

AUDITORIUM 12

FREE PAPERS SHOULDER 4		SHOULDER INSTABILITY MODERATORS: CICAK, N.(CROATIA); CARTUCHO, A. (PORTUGAL)	15.30 – 17.00
16.00	F669	Traumatic shoulder instability surgical treatment - a method of patientsa selection. Pereira, A. / Cartucho, A	
16.10	F670	Arthroscopic shoulder-stabilisation ad modum resch - the norwegian experience - a medium to long time follow-up. Scroder, C. / Lindalen, E.; Schroder, C.P.; Bjerre, S.; Gjengedal, E.; Uppheim, G.	
16.20	F671	Arthroscopic surgery following first, anterior, traumatic, shoulder dislocation in young adults. A meta-analysis of 13 studies involving 433 shoulders. Damany, D. / Damany, D.S.; Morgan, D.; Griffin, D.; Drew, S.	
16.30	F672	The value of capsular shrinkage in the arthroscopic stabilisation of posttraumatic anterior-inferior instability Heikenfeld, R. / Godolias, G.	
16.40	F673	Surgical treatment of winged scapula secondary to facioscapulohumeral muscular dystrophy by scapulo-thoracic fixation Giannini, S. / Giannini, S.; Ceccarelli, F.; Faldini, C.; Pagkrati, S.; Guerra, F.; Digennaro, V.	
16.50	F674	Scapulothoracic fusion- a mid term follow up Musthyala, S/ Musthyala, S.;Sinopidis, C.;Yin, Q.; Frostick, S.P	
FREE PAPERS SHOULDER 5		EVALUATION AND PHYSIOTHERAPY ON THE SHOULDER MODERATORS: ARMENGOL, J.(SPAIN); CARDOSO, B. (PORTUGAL)	17.00 – 18.00
17.00	F675	The pattern of constant score change in the UK over 50s population. Walton, M. / Walton, M.J.; Walton, J.C.; Honorez, L.A.M.; Harding, V.F.; Wallace, W.A.	
17.10	F676	Physiotherapy screening shoulder clinic - does it work? Wigderowitz, C / Mcnee, J.; Dent, J.A.; Wigderowitz, C.A.	
17.20	F677	Neer reconstruction of the shoulder with a conservative rehabilitation regime Amirfeyz, R. / Amirfeyz, R.	
17.30	F678	Manipulation under anaesthesia for adhesive capsulitis of the shoulder following distension arthrogram Ibrahim, T. / Ibrahim, T.; Rahbi, H.; Beiri, A. Taylor, G.J.S.	
17.40	F679	Improvement in shoulder function following manipulation for adhesive capsulitis: How long does it last? Fox, A. / Fox, A.; Board, T.N.; Srinivasan, M S	
17.50	F680	The shoulder range of motion of juvenile baseball players Hideki, S. / Hideki, S.; Yasuyuki, I.; Eiichi, T.; Kouji, T. Harehiko, T.; Satoshi,T.	

TUESDAY
7 JUNE 2005

AUDITORIUM 1

FREE PAPERS	REVISION – THA 1	8.00 – 9.30
HIP 14	MODERATORS: RUDOLF, A. (GERMANY); DA COSTA, G. (PORTUGAL)	
8.00 F681	Dislocation after revision of 1039 failed total hip arthroplasties. (22.225 mm diameter head and an angle-bore cup). Siney, P. / Wroblewski, B.M.; Siney, P.; Feming, P.A	
8.10 F682	Experience from use of acetabular reinforcement rings in revision hip arthroplasty Kotsovolos, E. / Kotsovolos, E.S.; Stafilas, K.S; Mandellos, G.; Mitsionis,G.; Xenakis, T.	
8.20 F683	Acetabular impaction grafting in cemented total hip replacement results with metallic mesh used in uncontained acetabular defect Malik, A. / Malik, A.R.; Pearse, M.; Nicols, S.; George, M.D.	
8.30 F684	Acetabular reconstruction with impacted morsellized bone allografts and cemented cups. 142 aseptic revision surgeries with a 2 to 13 year-follow up Comba, F. / Buttaro, M.; Piccaluga, F.	
8.40 F685	Use of irradiated bone graft for impaction grafting in acetabular revision surgery Hassaballa, M. / Mehandale, S.; Smith, E.J.; Learmonth, I.D.	
8.50 F686	The use of a constrained acetabular component for hip instability Khan, R. / Fick, D.; Lee, M.; Alakeson, R.; De Cruz, M.; Wood, D.J.; Nivrant, B.	
9.00 F687	Hydroxiapatite - coated threaded cup in hip revision surgery. Ten year follow-up Cachero, N. / Cachero Rodríguez, N.; Cachero Bernárdez, D.; Algara, J.	
9.10 F688	Acetabular reconstruction with cementless components and macroporous calcium phosphate ceramic. Cyril, P. / Gouin, F.; Perrier, C. ; Waast, D. ; Delecrin, J. ; Passuti, N.	
9.20 F689	Hydroxyapatite coated (hac) acetabular cup in revision hip arthroplasty - bone ingrowth without the use of bone grafts: a clinical and radiological outcome study. Al Hussainy, H. / Al Hussainy, H.; Saldahna, K.; Farhan, M.	
SYMPOSIUM 28	MINIMAL DEVICE OR REPLACEMENT FOR THE HIP	10.00 – 11.30
	MODERATORS: GÜNTHER K.-P. (GERMANY)	
	Is "conventional" hip replacement still the golden standard? Sedel, L.	
	Short stem prosthesis: compromise or solution? Reichel, H.	
	Conservative hip arthroplasty McMinn, D.	
	Tradition or innovation - decision aids Günther, KP	
ICL 16	TOTAL HIP REVISION ON THE FEMORAL SIDE. STRATEGIES AND RESULTS	11.30 – 12.30
	MODERATORS: PROENÇA, A. (PORTUGAL)	

Auditorium 1 (1750 Seats) Hip 1	Auditorium 2 (400 Seats) Trauma 1	Auditorium 3 (250 Seats) Spine	Auditorium 4 (400 Seats) Knee Sport	Auditorium 5 (400 Seats) Upper Limb	Auditorium 6 (500 Seats) Knee Osseous	Auditorium 7 (300 Seats) Hip 2	Auditorium 8 (150 Seats) Trauma 2	Auditorium 9 (150 Seats) Pediatrics	Auditorium 10 (150 Seats) Tumors	Auditorium 11 (150 Seats) Foot & Ankle	Auditorium 12 (150 Seats) General Orthopaedics
08.00-08.30	FP Hip 14 4-108.00 Revision THA 1 (9)	ICL 17 Pharmacological Tools in Orthop	FP Spine 7 4-3-08.00 Cervical Spine (12)	Symp 31 Blood Loss and Blood Management in Orthopaedics Surgery	FP Should 6 4-5-08.00 Shoulder Girdle Lesions (15)	Symp 32 The future of cartilage repair	FP Hip 16 4-7-08.00 THA - Cement Technique (6)	FP Trauma 14 4-8-08.00 Blood Management and DVT (12)	FP Tumours 1 4-10-08.00 Tumors 1 (12)	FP Foot 5 4-11-08.00 Foot Et Ankle 1 (12)	FP General Orthop 4 4-12-08.00 HIP (15)
08.30-09.00							FP Hip 17 4-7-9.00 THA (9)				
09.00-09.30											
09.30-10.00											
10.00-10.30	Symp 28 Minimal Device or Replacement for the HIP		Symp 30 Controversies About Spinal Metastases Treatment	FP Knee 13 4-4-10.00 Mobile Bearing (9)	ICL 20 Femoropatellar replacement		FP Trauma 15 4-8-10.30 Congenital Deformities (6)	FP Ped 8 4-9-10.30 Tibial Shaft #s (12)	FP Tumours 2 4-10-10.30 Tumors 2 (6)	FP Foot 6 4-11-10.30 Foot Et Ankle 2 (12)	Cross Fire 6 Osteoarthritis of the Thumb Fusion, excision or replacement
10.30-11.00							FP Knee 15 4-6-11.00 Meniscus (9)	FP Hip 18 4-7-11.00 Wear Particles (9)			
11.00-11.30											
11.30-12.00	ICL 16 on the Fem Side Strategies and		ICL 18 Thoracic and Lumbar spine Trauma					ICL 21 Hip Dysplasia Diag / treat from birth to old age	FP Upper Limp 4-10-11.30 Elbow #s (6)		
12.00-12.30											
12.30-13.15											
13.15-14.00	Closing Ceremony										
14.00-14.30	FP Hip 15 4-1-14.00 Revision THA 2 (12)		FP Spine 8 4-3-14.00 Spine Technique (6)	FP Hand 2 4-5-14.00 Hand 2	FP Knee 16 4-6-14.00 Chondrocytes Transplantation (12)		FP Hip 19 4-7-14.00 Hip Disorders (12)	FP Trauma 16 4-8-14.00 Trochanteric Hip Fractures (12)	FP Trauma 17 4-9-14.00 Upper Limb (12)	FP Hip 20 4-10-14.00 Mini invasive (12)	FP General Orthop 5 4-12-14.00 Clinical Series (12)
14.30-15.00											
15.00-15.30											
15.30-16.00											

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SHARING EXPERTISE

TUESDAY
7 JUNE 2005

AUDITORIUM 1

FREE PAPERS HIP 15		REVISION - THA 2 MODERATORS: LANGLAIS, F. (FRANCE); ALMEIDA, F.C. (PORTUGAL)	14.00 - 16.00
14.00	F690	Extensive trochanteric osteotomy for revision of hip replacement Rallis, I. / Rallis, J.; Mellios, J.; Doussias, A.; Fassoulas, Aggoules,A.; Lytos, M.; Michos, J.	
14.10	F691	Functional results from the in-cementing technique in revision hip arthroplasty Quinlan, J. / Quinlan, J.F.; O'Shea, K.; Doyle, F.J.; Brady, OH.	
14.20	F692	Instrumented femoral revision using impaction bone grafting and a cemented polished stem-a prospective study of 33 consecutive hips followed for 8 - 13 years Schreurs, B. / Schreurs, B.W.; Arts, J.J.C.; Verdonschot, N.; Buma, P.; Slooff, J.J.H.T.; Gardeniers, J.W.M.	
14.30	F693	Femoral impaction grafting in revision total hip arthroplasty -2-15 year follow-up of 540 cases Gie, G. / Lamberton, T.D.; Charity, J.A.; Kenny, P.J.; Timperley, A.J.; Gie, G.A.	
14.40	F694	Femoral fractures in hip revisions with impacted morselized allograft bone and cement Farfalli, G. / Farfalli, G.; Buttaro, M.; Piccaluga, F.	
14.50	F695	Revision of cemented hip arthroplasty using hac coated endoprosthesis- a seven to fifteen year follow up Raman, R. / Kamath, R.P.; Angus, P.D.	
15.00	F696	The standard mallory-head ha-coated femoral stem used in revision hip arthroplasty - clinical and radiological results after 7 to 12 years Gosens, T. / Gosens, T.; van Langelaan, E.J.	
15.10	F697	Hydroxyapatite ceramic coated femoral stems in revision hip surgery Trikha, S. / Trikha, P.; Singh, S.; Raynham, O.W.; Lewis, J.C.; Mitchell, P.A.; Edge, A.J.	
15.20	F698	Long-term results with the Wagner stem for femoral revision surgery Boehm, P. / Boehm, P.M.; Bischel, O.	
15.30	F699	Performance of modular tapered fluted titanium stem for femoral revision. Roy, A. / Roy, A.; Rouleau, D.; Lavigne, M.; Vendittoli, P.A.	
15.40	F700	The influence of proximal femoral support on cementless stems in revision hip arthroplasty Haddad, F. / Bourne, R.; Sprague, J.; Tsai, S.; Lambert, R.; Kelman, D.; Salehi, A.	
15.50	F701	Assessment of a synthetic hydroxyapatite graft expander in impaction grafting revision hip arthroplasty Munro, N. / Munro, N.A.; Downing, M.R.; Meakin, J.R.; Hutchison, J.D.; Aspden, R.M.; Ashcroft, GP.	

AUDITORIUM 2

ICL 17	PHARMACOLOGICAL TOOLS IN ORTHOPAEDIC SURGERY MODERATORS: PER ASPENBERG (SWEDEN)	8.00 - 9.00
SYMPORIUM 29	RECENT OSTEOSYNTHESIS INNOVATIONS MODERATORS: KINZL, L. (AUSTRIA)	9.00 - 10.30
	Fracture reduction using CA technology, ready to go? Gebhard, F.	
	NCB-System polyaxial head locking screw System (humerus/femur) Kuster, M.	
	PFNA pectrochanteric fractures van der Werken, C.	
	3 and 4 part fractures of the humerus - benefit of intramedullary nailing Stedtfeld, H.W.	

AUDITORIUM 2

FREE PAPERS HIP FRACTURES 3

TRAUMA, TROCHANTERIC FRACTURES

10.30 - 12.30

- | | | |
|-------|------|---|
| 10.30 | F702 | Should we exercise a bit more caution while performing DHS?
Sen, D. / Sen, D.; Reddy, R.; Batra, S. |
| 10.40 | F703 | Radiographic assessment of dynamic hip screw fixation
Subramanian, K. / Subramanian, KN.; Puranik, G.; Ali, MA.; Sahni, V. |
| 10.50 | F704 | Percutaneous dynamic hip screw
Waters, T. / Gibbs, DMR; Powles, DP; Dorrell, JH. |
| 11.00 | F705 | Complications after hip surgery. The comparison of dynamic hip screw and wagner hemiarthroplasty in unstable intertrochanteric fractures
Kayali, C. / Cemil, K.; Serkan, O.; Haluk, A. |
| 11.10 | F706 | Use of the gamma nail in the treatment of unstable pectrochanteric fractures: thirteen years clinical expierience
Athanasios, P. / Athanasios, P.; Chissas D.; Christifoglou, G.; Anastopoulos, G.; Stamatopoulos, G.; Asimakopoulos, A. |
| 11.20 | F707 | A prospective randomized study comparing the Trochanteric Gamma Nail (TGN) and the Dynamic Hip Screw (DHS) in 146 intertrochanteric fractures
Svenson, O. / Svenson, O.; Andersen, M.; Poulsen, T; Nymark,T.; Overgaard,S.; Röck, ND. |
| 11.30 | F708 | Intramedullary fixation of pectrochanteric hip fractures : A comparison of two implant designs.
Nikolaou, V. / Efstatopoulos,N. ; Nikolaou, V.; Lazarettos, J.; Psixas, X.; Xypnitos, F.; Papachristou, G. |
| 11.40 | F709 | Reverse obliquity and transverse fractures of the trochanteric region. A Review of 101 Cases
Siegmeth, A. / Brammar, T.; Parker, M. |
| 11.50 | F710 | Treatment of peritrochanteric fractures using an inflatable self-locking system. Preliminary results
Psychoyios, V. / Psychoyios,VN.; Dinopoulos,H.; Zampiakis, E.; Sekouris,N.; Villanueva-Lopez, F. |
| 12.00 | F711 | The impact of a trochanteric entry point on neck-shaft angles in fixation of inter-trochanteric neck of femur fractures.
Saw, N. / Major,R.; Patel,AD.; Goodier,D. |
| 12.10 | F712 | Holland nail vs dhs in intertrochanteric femoral fractures
Justin Fernando, C. / Khaleel,A.; Elliot,D. |
| 12.20 | F713 | Analysis of lag screw cut-out phenomenon in gamma nailing
Kovács, A. / Kovacs,A.: Ban,L.: Merenvi,G.: Zaghl,I. |

AUDITORIUM 3

FREE PAPERS SPINE 7

CERVICAL SPINE

8:00 - 10:00

- | | | |
|------|------|---|
| 8.00 | F714 | Long-term disability following neck injury
Joslin, C. / Khan, SN.; Bannister, GC. |
| 8.10 | F715 | Loss of cervical lordosis following trauma. Is computed tomography necessary?
Paleochorlidis, I. / Vossinakis, IC.; Papathanasopoulos, A.; Paleochorlidis, IS.; Kostakis, A.; Georgaklis, V. |
| 8.20 | F716 | Anthropometrical analysis of cervical spine injuries.
Harty, J. / Harty, JA.; Quinlan, JF.; Kennedy, JG.; Walsh, M.; O'Byrne, JM. |
| 8.30 | F717 | A new clinical sign in traumatic atlantoaxial subluxation and dislocation
Agarwal, A. / Deep, K. |
| 8.40 | F718 | Surgical treatment of neck hyperextension in myopathies
Giannini, S. / Giannini, S.; Ceccarelli, F.; Faldini, C.; Grandi, G.; Pagkrati, S.; Digennaro, V. |
| 8.50 | F719 | Osteoporosis of the peg and its significance in odontoid fractures in the elderly
Lakshmanan, P. / Lakshmanan, P.; Jones, A.; Lyons, K.; Ahuja, S.; Davies, PR.; Howes, J. |

TUESDAY

7 JUNE 2005

AUDITORIUM 3**FREE PAPERS
SPINE 7****CERVICAL SPINE**

MODERATORS: VAN HORN, J. (THE NETHERLANDS); VILARINHO, J.C. (PORTUGAL)

8:00 - 10:00

9.00	F720	Biomechanical analysis of posterior atlantoaxial fixation Papagelopoulos, P. / Hokari,Y.; Currier,B.L; An,K.A.
9.10	F721	Anterior screw stabilization for surgical monitoring of type II odontoid fractures Nikolakakos, L. / Nikolakakos, L.G.; Fountas, K.N.; Dimopoulos, V.G.; Chloros,G.D.; Karampelas, I.; Feltes,C.H.; Kapsalaki,E.Z.; Robinson, J.S.; Soucacos, P.N.
9.20	F722	Clinical outcome and sport capacity after traumatic atlantooccipital dislocation Koller, H. / Oberst, M.; Ulbricht, D.; Holz, U.
9.30	F723	The C-1 lateral mass screw in posterior cervical stabilization. O'Toole, P. / O'Toole, P.; Lenehan, B.; Lunn, J.; Poynton, A.
9.40	F724	Recurrent laryngeal nerve injury in anterior cervical spine interventions. quantitative evaluation Nikolakakos, L. / Dimopoulos, V.G.; Nikolakakos, L.G.; Fountas, K.N.; Mouhtouri, P.G.; Kapsalakis, I.Z.; Kyriakopoulos,C.; Robinson, J.S.; Soucacos, P.N.
9.50	F725	Instrumented three-level anterior cervical discectomy and fusion. Papadopoulos, E. / Papadopoulos, E.; Synnott, K.;Girardi, F.P.;Cammisa,F.P.

SYMPOSIUM 30**CONTROVERSIES ABOUT SPINAL METASTASES TREATMENT**

10.00 - 11.30

MODERATOR: MAZEL, C. (FRANCE)

Treatment of spinal metastases rationale
Mazel, C.Total vertebrectomy: when?
Benlloch, A.M. / Boriani, S.Multi metastatic patients: what strategy?
Pointillart, V. / Boriani, S.When not to operate metastatic patients?
Pointillart, V.**ICL 18****THORACIC AND LUMBAR SPINE TRAUMA**

11.30 - 12.30

MODERATOR: KRPEC, M. (CZECH REPUBLIC)

**FREE PAPERS
SPINE 8****TECHNIQUES**

MODERATORS: MAZEL, C. (FRANCE); JANA, A. (PORTUGAL)

14.00 - 15.00

14.00	F726	The effect of spinal allograft on lumbar spine fusion. A finite element analysis. Salo, G. / Salo, G.; Caceres, E.; Lacroix, D.; Planell, J.A.; Llado, A.; Ramirez, M.
14.10	F727	The success fusion rate in rigid vs semirigid posterior spinal fusion instrumentation. A comparative retrospective study. Gaitanis, L. / Gaitanis, I.; Zindrick, M.; Voronov, L.; Paxinos, O.; Hadjipavlou, A.; Patwardhan, A.; Lorenz, M.
14.20	F728	Correlative evolution of instrumented dorsolateral fusion. Autograft versus coralline hydroxyapatite. Korovessis, P. / Koureas, G.; Petsinis, G.; Zacharatos, S. ; Papazisis, Z.; Korovessis, P.
14.30	F729	Effect of intra-operative repositioning on lordosis during lumbar spinal fusion Crawford, J. / Crawford, JR.; Hilton, J.; Crawford, R.J.
14.40	F730	Comparative study between isthmic reconstruction and intervertebral fusion in spondylolysis with emphasis on function and adjacent segment evolution at 5 to 15 years Gillet, P. / Gillet, P.; Colson, C.
14.50	F731	Complications in the operative treatment of high grade isthmic spondylolisthesis. A comparative analysis of three surgical procedures Behensky, H. / Robert, G.; Cornelius, W.; Martin, K.

AUDITORIUM 3

FREE PAPERS SPINE 9		DEGENERATIVE SPINE MODERATORS: MAZEL, C. (FRANCE); JANA, A. (PORTUGAL)	15.00 – 16.00
15.00	F732	Compression of L5 and S1 roots with atypical symptoms- the diagnostic value of nerve root injections. Sunil, A. / Sanderson, P.L.	
15.10	F733	The effect of end-plate preparation in circumferential arthrodesis of the lumbar spine. A finite element analysis. Salo, G. / Salo, G.; Caceres, E.; Lacroix, D.; Planell, JM.; Llado, A.; Molina, A.	
15.20	F734	Artificial disc replacement and osteolysis Thorpe, P. / Thorpe, P.; Licina, P.	
15.30	F735	Interbody fusion cages in the treatment of degenerative and multioperated lumbar spine Carlo, D. / Doria, C.; Lisai, P.; Milia, F.; Sassu, E.; Serra, M.; Barca, F.	
15.40	F736	Outcome of revision discectomies following recurrent lumbar disc herniation Papadopoulos, E. / Papadopoulos, E.C.; Girardi, F.P.; Sandhu, H.S.; O'Leary, P.F.; Cammisa, F.P. Jr.	
15.50	F737	Cauda equina following migration of prosthetic disc nucleus Agarwal, A. / Hammer, A.J.; Morar, Y.; Soler, J.A.	

AUDITORIUM 4

SYMPOSIUM 31		BLOOD LOSS AND BLOOD MANAGEMENT IN ORTHOPEDIC SURGERY MODERATOR: LEMAIRE, R. (BELGIUM)	8.00 – 9.30
		Reduction of blood loss in orthopaedic surgery Benoni, G. (Sweden)	
		Reduction of allogenic blood transfusion through increasing the preoperative erythrocyte stock Earnshaw, P. (U.K)	
		Use of autologous blood as a means to reduce allogenic blood transfusion Pitsaer, E. (France)	

FREE PAPERS KNEE 13		MOBILE BEARING KNEES MODERATORS: VICTOR, J. (BELGIUM); OLIVEIRA, P. (PORTUGAL)	10.00 – 11.30
10.00	F738	Evaluation of 567 cementless mobile bearing TKA with 2 to 15 year F/U. Boldt, J. / Keblish, Briard	
10.10	F739	Explicit finite element analysis of meniscal bearing knee under various simulated conditions. Baldini, A. / Baldini, A.; Aglietti, P.; Carfagni, M.; Governi, L.; Volpe, Y.	
10.20	F740	Ambulatory gait analysis results after total knee arthroplasty: arguments for mobile or fixed bearing? Jolles, B. / Jolles, B.M. ; Aminian, K.; Dejnabadi, H.; Voracek, C.; Leyvraz, P.F.	
10.30	F741	Restoration of the joint line: a comparison of a fixed and a mobile bearing total knee replacement Hassaballa, M. / Aueng, J.; Hardy, J.; Newman, J.H.; Learmonth, I.D.	
10.40	F742	Meniscal bearing and rotating platform total knee arthroplasty in young active patients Morgan, M. / Brooks, S.; Nelson, R.	
10.50	F743	Inlays of mobile-bearing tkrs remain mobile 5 years post-op Franz, A. / Franz, A.; Münchinger, M.; Reinschmidt, C.	
11.00	F744	Outcomes of 457 mobile bearing TKA with 10 to 13 year f/u. Munzinger, U. / Boldt	
11.10	F745	Proximal tibial strain distribution after mobile and fixed bearing total knee arthroplasty (tka) Kessler, O. / Lacatusu, E.; Erne, OK.; Zandschulp, V.C. ; Bottlang, M.	
11.20	F746	Cystic intrapelvic lesion of the groin due to metallosis. A rare long term complication of metal-on-metal total hip replacement. A report of two cases Gruber, F. / Andreas, B.; Siegfried, T.; Felix, L.; Peter, R.	

TUESDAY

7 JUNE 2005

AUDITORIUM 4

ICL 19	THE MANAGEMENT AND OUTCOME OF TRAUMATIC DISLOCATION OF THE KNEE MODERATORS: KEATING, J. (UNITED KINGDOM)	11.30 – 12.30
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FREE PAPERS KNEE 14	PATELLOFEMORAL JOINT MODERATORS: WITVOET, J. (FRANCE); FREITAS, R.T. (PORTUGAL)	14.00 – 16.00
14.00 F747	Functional outcome following modified Elmslie-Trillat procedure. Karataglis, D. / Karataglis, D.; Green, M.A.; Learmonth, D.J.A.	
14.10 F748	Anteromedial tibial tubercle transfer with Fulkerson osteotomy for patellofemoral malalignment: The clinical and radiographic outcome with a minimum 2-year follow-up Tsuda, E. / Tsuda, E.; Ishibashi, Y.; Tazawa, K.; Sato, H.; Toh, S.	
14.20 F749	A novel technique of trochleoplasty for recurrent patellar dislocation due to trochlear dysplasia Bereiter, H. / Bereiter, H.; von Knoch, F.	
14.30 F750	Patellofemoral Arthroplasty. Eight years experience with the Avon Design. Ackroyd, C. / Newman, J.H.; Eldridge, J.D.J.	
14.40 F751	Is unicompartmental patello-femoral arthroplasty beneficial? Chennagiri, R. / Chennagiri, R.J.; Sheshappavanar, G.; Gunn, R.S.	
14.50 F752	Patellar resurfacing in total knee arthroplasty for osteoarthritis. A systematic review. Forster, M. / MC Forster	
15.00 F753	Patello-femoral function after total knee arthroplasty: comparison of two posterior-stabilized designs. Baldini, A. / Baldini, A.; Cerulli-Mariani, P. Zampetti, P.G.; Anderson, J.A.; Pavlov, H.; Sculco, T.P.	
15.10 F754	Autologous patella reconstruction during TKA in patellectomized patients. Isokinetic strength after 6 to 12 years. Boldt, J. / Munzinger, Bizzini	
15.20 F755	Patello-femoral evaluation after total knee arthroplasty: validation of a new weight-bearing axial view and scoring system. Baldini, A. / Baldini, A.; Cerulli Mariani, P.; Anderson, J.A.; Pavlov, H.; Sculco, T.P.	
15.30 F756	In vivo femorotibial and patellofemoral kinematics for subjects into deep flexion Argenson, J. / Richard D.Komistek, PhD; Mohamed Mahfouz, PhD; Scott A.Walker, MS; Jean-Manuel Aubaniac, MD; and Douglas A.Dennis, MD	
15.40 F757	Change in patella tendon length following primary total knee arthroplasty. McGregor-Riley, J. / Welch, P.; Redden, J.	
15.50 F758	Arthrophibrosis in TKA Boldt, J. / Munzinger	

AUDITORIUM 5

SHOULDER 6	SHOULDER GIRDLE TRAUMA LESIONS MODERATORS: ZYTO, K. (SWEDEN); MONTEIRO, J. (PORTUGAL)	08.00 – 10.30
8.00 F759	Stabilization of humeral fractures using the fixion humeral intramedullary nailing system Hopp, M. / Bleeck, J.	
8.10 F760	Locking plate fixation of fractures of the proximal humerus Stern, R. / Stern, R.; Saudan, M.; Lebbeke, A.; Peter, R.; Hoffmeyer, P.	
8.20 F761	Health-related quality of life and subjective outcomes after shoulder replacement for proximal humeral fractures. Padua, R. / Padua, L.; Bonde, R.; Ceccarelli, E.; Calistri, A.; Campi, S.; Campi, A.	
8.30 F762	Retrograde nailing for diaphyseal humeral fractures and nonunions Santori, N. / Santori, N.; Piccinato, A.; Lo Storto, A.; Campi, A.; Santori, F.S.	

AUDITORIUM 5

SHOULDER 6		SHOULDER GIRDLE TRAUMA LESIONS MODERATORS: ZYTO, K. (SWEDEN); MONTEIRO, J. (PORTUGAL)	08.00 – 10.30
8.40	F763	Does the presence of a full thickness rotator cuff tear influence outcome following proximal humeral fractures? Nanda, R. / Nanda, R.; Goodchild, L; Gamble, A.; Rangan, A.; Campbell, R.S.D.	
8.50	F764	Management of traumatic anterior shoulder dislocation, the UK perspective Chong, M. / Chong, M.; Dimitris, K.; Learmonth, D.	
9.00	F765	Conservative management of proximal humeral fractures: functional scores outcome at 1 Year Nanda, R. / Nanda, R.; Rangan, A.; Al Maiya, M.; Goodchild, L; Finn, P.; Gregg, P.J.	
9.10	F766	Nonoperative treatment of displaced lateral third fractures of the clavicle Cairns, D. / Cairns, D. ; Robinson, C.M.	
9.20	F767	Surgical repair of the axillary nerve injury Demetriou, E. / Giannoulis, F.S.; Demetriou, E.I.; Velentzas, P.V.; Ignatiadis, I.; Gerostathopoulos, N.E.	
9.30	F768	Influence of restoring total humeral length in proximal humeral fractures treated with hemiarthroplasty Torrens, C. / Ruiz, A.; Martinez, S.; Caceres E.	
9.40	F769	Functional outcome after hemiarthroplasty in elderly with comminuted fractures of the proximal humerus Volpin, G. / Volpin, G.; Shtarker, H.; Kaushanski, A.; Shachar, R.	
9.50	F770	Results of the treatment of complicated fractures of proximal humerus Matisons, J. / Matisons, J.; Buzijans, A.; Lepins, A.	
10.00	F771	Scapular fractures and associated injuries in blunt trauma: a prospective study Lunsjo, K. / Lunsjo, K.; Tadros, A.; Czechowski, J.; Abu-Zidan	
10.10	F772	Locked intramedullary nail versus plate in midshaft humeral nonunions: A biomechanical and clinical multicenter study Roca Romalde, D. / Romalde, R.; Proubasta, D.; Ignasi, R.; Luisa, Perez.; Espiga, M.; Javier, T.; Caja Lopez V.	
10.20	F773	A new effective method of reducing anterior dislocation of the shoulder Sayegh, F. / Fares, E.; Sayegh, E.; Kessidis, J.; Sarris, V.; Makris, J.; Kirkos, G. Kapetanos	
FREE PAPERS HAND 2		HAND 2 MODERATORS: MOUTET, F. (FRANCE); BOTELHEIRO, J.C. (PORTUGAL)	14.00 – 16.00
14.00	F774	The optimal length of tissue anchors for distal phalanges. A study in 395 cadaver digits Singh, R. / Kakarala, G.; Persaud, I.; Roberts, M.; Standring, S.; Compson, J.	
14.10	F775	Revision arthrodesis for the rheumatoid wrist after failed total wrist arthroplasties Lautenbach, M. / Lautenbach, M.; Sparmann, M.	
14.20	F776	Reconstructive radial osteotomy with iliac crest graft interposition for malunited distal radial fractures Tyllianakis, M. / Tyllianakis, M.; Giannikas, D.; Panagopoulos, A.; Lambiris, E.	
14.30	F777	Biomechanical properties of various flexor tendon suture techniques (an experimental study on flexor tendons of fresh sheep cadavers) Halici, M. / Guney, A.; Turk, C.Y.; Halici, M.	
14.40	F778	Management of the first carpometacarpal joint by de la Caffinière prosthesis in rheumatic disease Skyttä, E. / Skyttä, E.T.; Belt, E.A.; Lehtinen, J.T.; Mäenpää, H.M.	
14.50	F779	Total arthroplasty of the trapeziometacarpal joint with a hydroxyapatite coated (hac) prosthesis Torrededia, L. / Cavanilles-Walker, J.M.; Trigo, L.E.; Matas, M.; Minoves, J.M.S	
15.00	F780	Non-endoscopic double-incision approach for median nerve decompression in idiopathic carpal tunnel syndrome. a comparative study of 155 hands. Garcia - Mas, R. / Garcia-Mas, R.; Veja, J.; Golano, P.	
15.10	F781	Dynamic extension splinting in the rehabilitation of zones III, IV and V extensor tendon repairs. Darlis, N. / Afendras, G.D.; Sioros, V.S.; Vekris, M.D.; Korompilias, A.V.; Beris, A.E.	
15.20	F782	Radiolunate fusion of the rheumatoid wrist by a three dimensional bended mini-titanium-T-plate and an oblique screw: A new operative procedure with high primary stability Gaulke, R. / Gaulke, R.	

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AUDITORIUM 5

FREE PAPERS HAND 2		HAND 2 MODERATORS: MOUTET, F. (FRANCE); BOTELHEIRO, J.C. (PORTUGAL)	14.00 – 16.00
15.30	F783	First experiences with a new bioreplaceable implant for small joints Mai, B. / Mai, B.; Mai, S.	
15.40	F784	Short- and midterm results of the uncemented, unconstrained HM-MCP-Arthroplasty in R.A. – A multicenter study – Hagena, F. / Hagena, F.W.; Mayer, B.; Gottstein, J.; Meuli, H.C.	
15.50	F785	Treatment of scaphoid pseudarthrosis by the "Zemel technique" – 51 cases. Botelhoiro, J. / Sarmento, G.; Silverio, S.; Leitao, F.	

AUDITORIUM 6

SYMPOSIUM 32		THE FUTURE OF ARTICULAR CARTILAGE REPAIR	8.00 – 9.30
		MODERATOR: BENTLEY, G. (UNITED KINGDOM)	
		Overview of cartilage repair methods and personal opinion for the future Jakob, R. (Switzerland)	
		Clinical tissue engineering today and future perspectives Brittberg, M. (Sweden)	
		Methodological quality of cartilage repair studies: a systemic and critical review Engebretsen, L. (Norway)	
		The future of MACI and minimally invasive surgery Cherubino, P. (Italy)	

ICL 20		FEMOROPATELLAR REPLACEMENT	10.00 – 11.00
MODERATOR: WITVOET, J. (FRANCE)			

FREE PAPERS KNEE 15		MENISCUS	11.00 – 12.30
		MODERATORS: WIRTH, C.J. (GERMANY); GAMELAS, J. (PORTUGAL)	
11.00	F786	Reliability, validity, and responsiveness of the Lysholm knee score and Tegner activity scale for meniscus injuries of the knee Rodkey, W. / Rodkey, W.G.; Briggs, K.K.; Kocher, M.S.; Steadman, J.R.	
11.10	F787	Thessaly test: diagnostic accuracy of a new clinical test for early detection of meniscal tears Zibis, A. / Karachalias, T.H.; Hantes, M.; Zibis, A.H.; Zachos, V.; Karantanas, A.H.; Malizos, K.N.	
11.20	F788	Kellgren-Lawrence (K-L) scores and arthroscopic findings in the degenerative knee Rodkey, W. / Arun, J.; Ramappa, J.; Steadman, R.; Bollom, T.S.; Briggs, K.K.; Rodkey, W.G.	
11.30	F789	Meniscal extrusion in non arthritic knees Puig-Verdie, L. / Corrales, M.; Melendo, E.; Puig, L.L.; Monllau, J.C.; Pelfort, X.	
11.40	F790	Fixation strengths of biodegradable meniscus screws as a function of hydrolysis time Nurmi, J. / Nurmi, J.T.; Ahvenjarvi, P.; Arnoczky, S.P.	
11.50	F791	Comparative results of two all-inside methods for meniscal refixation: fast-fix™ meniscal repair device vs. Clearfix meniscal screw. A prospective study. Mastrokalos, D. / Mastrokalos, D.S.; Kotsovolos, E.; Hantes, E.M.; Paessler, H.H.	
12.00	F792	Early meniscal degeneration following joint incongruity: an ultrastructural study using a rabbit model. Morris, S. / Morris, S.; Cottell, D.; McCormack, D.	

AUDITORIUM 6

FREE PAPERS KNEE 15		MENISCUS MODERATORS: WIRTH, C.J. (GERMANY); GAMELAS, J. (PORTUGAL)	11.00 – 12.30
12.10	F793	Cell viability in rabbit menisci after preservation in low concentrations of formalin. Sunil, A. / Dhillon, M.S.; Khuller, M.; Nagi, O.N.	
12.20	F794	The biomechanical effect of intraoperative pre-tensioning of meniscal transplants on the tibiofemoral contact area. An experimental study in sheep. von Lewinski, G. / Hurschler, C.; Allmann, C.; Wirth, C.J.	
FREE PAPERS KNEE 16		CONDROCYTES TRANSPLANTATION MODERATORS: HANGODY, L. (HUNGARY); MENDES, E. (PORTUGAL)	14.00 – 16.00
14.00	F795	Comparing effects of human platelet supernatants or recombinant human BMP-2 on expression of type I and type II collagens in human articular chondrocytes in monolayer versus alginate cultures Aicher, W. / Aicher, W.K.; Gruender, T.; Fritz, J.; Weise, K.; Gaissmaier, Ch.	
14.10	F796	Matrix-induced, autologous chondrocyte transplantation - five -year follow up Bitter, T. / Bitter, T.; Gille, J.; Russlies, M.; Kurz, B.; Behrens, P.	
14.20	F797	Autologous chondrocyte transplantation - histological evaluation and examination of cartilage type David, L. / Mahroof, S.; Pringle, J.; Bayliss, M.; Briggs, T.W.R.	
14.30	F798	Autologous chondrocyte implantation repair morphology; a review of 194 graft biopsies Bartlett, W. / Bartlett, W.; Gooding, C.R.; Amin, A.A.; Skinner, J.A.; Carrington, R.W.J.; Flanagan, A.M.; Briggs, T.W.R.; Bentley, G.	
14.40	F799	A prospective randomised study of type I/III collagen covered autologous chondrocyte Implantation (ACI-C) versus matrix-induced autologous chondrocyte implantation for osteochondral defects of the knee. Bartlett, W. / Bartlett, W.; Gooding, C.R.; Skinner, J.A.; Carrington, R.W.J.; Flanagan, A.M.; Briggs, T.W.; Bentley, G.	
14.50	F800	Repair of traumatic cartilage lesions of the knee by the use of matrix induced autologous chondrocyte transplantation (mact) - a alternative procedure to the standard method of act- Meyer, O. / Godolias, G.	
15.00	F801	Clinical and histological evaluation of membrane-seeded autologous chondrocyte implantation (maci) at 3 years follow up Gigante, A. / Gigante, A.; Bevilacqua, C.; Ricevuto, A.; Greco, F.	
15.10	F802	Our experience on autograft of the cartilage by cell culture following biotissue technique first results based on 10 cases Rhenter, J. / Rhenter, J.L.	
15.20	F803	Arthroscopic autologous chondrocyte transplantation for treatment of hip: Chondral defects. Andrea, F. / Andrea, F.	
15.30	F804	Autologous osteochondral transplantation for the treatment of chondral defects of the knee. Karataglis, D. / Karataglis, D.; Green, M.A.; Learmonth, D.J.A.	
15.40	F805	Effects of calcified cartilage on healing of chondral defects treated with microfracture in horses Rodkey, W. / Frisbee, D.D.; Rodkey, W.G.; Steadman, J.R.; McIlwraith, C.W.	
15.50	F806	Primary stability of osteochondral grafts used in mosaicplasty Kordas, G. / Kordas, G.; Szabo, J.S.; Hangody, L.	

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AUDITORIUM 7

**FREE PAPERS
HIP 16** **CEMENT IN THA** **MODERATORS: JANSSON, V. (GERMANY); GUERRA, M. (PORTUGAL)** **08.00 - 09.00**

8.00	F807	Choice of femoral cement mantle thickness based on initial stress Caruana, J. / Caruana, J.; Mannan, K.; Sanghrajka, A.; Higgs, D.; Briggs, T.W.R.; Blunn, G.W.
8.10	F808	Effect on cement mantle thickness with use of hardinge restrictor vs bone block Rajasekar, K. / Rajasekar, K.; Faraj, A.A..
8.20	F809	Does component heating affect the porosity within a bone cement mantle? Phelps, R. / Phelps, R.C.; Gheduzzi, S.; Learmonth, I.D.; Miles, A.W.
8.30	F810	A comparison of femoral pressurisation using three cementing systems Munro, N. / Munro, N.A.; Nicol, M.; Selvaraj, S.; Finlayson, D.F.
8.40	F811	Acetabular pressurisation and cement volumes Jarrett, J.W. / Jarrett, J.W.; Hodgkinson, J.P.
8.50	F812	Removal or retention of the subchondral bone plate? Effect on cemented acetabular component fixation. A 2-year study using Radiostereometry Flivik, G. / Flivik, G.; Kristiansson, I.; Kesteris, U.; Ryd, L.

**FREE PAPERS
HIP 17** **CEMENT HIP PROSTHESIS** **MODERATORS: JANSSON, V. (GERMANY); GUERRA, M. (PORTUGAL)** **09.00 - 10.30**

9.00	F813	The 7-10 years follow-up of a specific type of hybrid total hip arthroplasty. Babis, G. / Babis, G.C.; Tsarouchas, G.; Pashaloglou, D.; Tsailas, P.G.; Pantazopoulos, Th.
9.10	F814	Early failure of charnley elite: verification of rsa predictions? Gill, H. / Hauptfleisch, J.T. ; Glyn-Jones, S.; Beard, D.J.; Gill, H.S.; McLardy-Smith, P.; Murray, D.W.
9.20	F815	Survivorship of the Charnley low friction hip arthroplasty. Results in a general hospital Suárez Vázquez, A. / Garcia, M.A.S.; Fernandez J.; Hernandez, D.
9.30	F816	Surface finish affects the clinical and radiographic performance of a modern cemented femoral stem. A prospective study after a follow up of 4 to 7 years. Gonzalez Della Valle, A. / Zoppi, A.; Peterson, M.G.E.; Salvati, E.A.
9.40	F817	The CPS-Plus stem - an evolution in polished stem design Lankester, B. / Learmonth, I.; Lankester, B.J.A.; Spencer, R.F.; Learmonth, I.D.
9.50	F818	Prospective clinical and radiological study with the MS-30 stem. Eight to ten-year follow up in 127 matte and 128 polished MS-30 stems Berli, B. / Bernhard, B.; Walter, J.D.
10.00	F819	CLS-Stems in patients with rheumatoid or juvenile Arthritis. Schmied, M. / Schmied, M.H.; Hersche O.; Munzinger, U.
10.10	F820	Conversion hip arthroplasty Zahar, A. / Lakatos, J.; Lakatos, T.; Borocz, I.; Szendroi, M.
10.20	F821	The exeter polished stem in the long term: a survivorship study to the 33rd year of follow-up and a study of stem subsidence Charity, J. / Charity, J.A.F.; Gie, G.A.; Timperley, A.J.; Ling, R.S.M.

**FREE PAPERS
HIP 18** **WEAR PARTICLES** **MODERATORS: LÖHR, J. (GERMANY); CABRAL, R. (PORTUGAL)** **11.00 - 12.30**

11.00	F822	Randomised study comparing blood chrome-cobalt ions in metal-on-metal 28 mm total hip arthroplasty and metal-on-metal total hip resurfacing Vendittoli, P. A. / Motard, S.; Vendittoli, P.A.; Lavigne, M.; Roy, A.; Motard, S.
11.10	F823	Total hip survivorship and metallosis Koos, Z. / Balint, L.; Vermes, C.; Kereskai, L.; Lovasz, G.
11.20	F824	Which parameters control the wear behaviour of large metal-on-metal bearings? Rieker, C. / Rieker, C.

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FREE PAPERS HIP 18		WEAR PARTICLES MODERATORS: LÖHR, J. (GERMANY); CABRAL, R. (PORTUGAL)	11.00 – 12.30
11.30	F825	The relationship between activity and Ions in patients with metal-metal bearing hip prostheses Heisel, C. / Silva, M.; Skipor, A.K.; Jacobs, J.J.; Schmalzried, T.P.	
11.40	F826	Metal ion serum concentrations after MetaSUL-total hip replacement and birmingham hip resurfacing metal-on-metal hip arthroplasty Ziegler, J. / Ziegler, J.; Witzleb, W.-Ch.; Neumeister, V.; Guenther, K.P.	
11.50	F827	Whole blood metal ion concentrations in relationship with physical activity in two different metal-on-metal total hip arthroplasties: a comparative study Pattyn, C. / Pattyn, C.; van Overschelde, P.; de Smet, K.A.; Verdonk, R.	
12.00	F828	Backside wear in retrieved modular and non-modular uncemented acetabular cups. Gonzalez Della Valle, A. / Rana, A.; Furman, B.; Sculco, T.P.; Salvati, E.A.	
12.10	F829	High wear-rates and extensive osteolysis in three uncemented total hip arthroplasties Hallan, G. / Stein, A.; Havelin, L.I.	
12.20	F830	Metasul bearings of first and second generation designs in primary THA Delaunay, C. / Delaunay, C.	
FREE PAPERS HIP 19		HIP DISORDERS MODERATORS: GRADINGER, R. (AUSTRIA); FERNANDES, R. (PORTUGAL)	14.00 – 16.00
14.00	F831	Use of ultrasound in trochanteric bursitis. Kumar, G. / Kumar, G.; Warren, O.; Somashekar, N.; Marston, R.A.	
14.10	F832	Gluteal fascial transposition for refractory trochanteric bursitis Baker, R. / MacKeith, S.A.C.; Bannister, G.C.	
14.20	F833	Rupture of the gluteus minimus tendon in patients with osteoarthritis of the hip. Ploetz, W. / Thomas, S.; Schmid, C.; Horn, S.; Glatzmaier, U.; Ploetz,W.	
14.30	F834	Hip arthroscopy - an evaluation of 60 consecutive cases Cabrita, H. / Teochi, L.F.; Castropil, W.	
14.40	F835	Hip arthroscopy: indication, technique, future evolutions Santori, N. / Santori, N.; Chilelli, F.; Piccinato, A.; Bougrara, F.; Campi,A.	
14.50	F836	Femoroacetabular impingement treatment by means of an femoroacetabular osteoplasty through modified Hueter approach. (personal technique). Ribas, M. / Vilarrubias, J.M.; Ginebreda, I.; Silberberg, J.; Leal, J.	
15.00	F837	Hip morphology influences the pattern of acetabular cartilage damage. Femoro-acetabular impingement as a cause of early osteoarthritis of the hip Beck, M. / Leunig, M.; Ganz, R.	
15.10	F838	100 MRA verified acetabular labral tears followed for four years: conservative and operative treatment Pabinger, C. / Christof, P.; Stiegler, H.; Urban, M.	
15.20	F839	Complete debridement of the hip joint for synovial chondromatosis by surgical dislocation Schoeniger, R. / Siebenrock, K.A.; Trousdale, R.T.; Ganz, R.	
15.30	F840	The influence of the underlying etiology on the outcome of cementless hip replacement in patients with osteonecrosis of the femoral head. Results of a retrospective study Radl, R. / Radl, R.; Egner, S.; Leithner, A.; Koehler, W.; Windhager, R.	
15.40	F841	Short-term results of cementless total hip arthroplasty in young patients with avascular necrosis of the femoral head. Antonarakos, P. / Petsatodes, G.; Antonarakos, P.; Christodoulou, A.; Papas, L.; Pournaras, J.	
15.50	F842	The transtrochanteric rotational osteotomy according to Sugioka for osteonecrosis of the femoral head in young Caucasians - A prospective single surgeon study of 26 hips with a follow-up of 6.6 to 10 years Rijnen, W. / Rijnen, W.H.C.; Westrek, B.L.M.; Gardeniers, J.W.M.; Schreurs, B.W.	

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AUDITORIUM 8

FREE PAPERS TRAUMA 14		BLOOD MANAGEMENT / DVT MODERATORS: ERIKSSON, B. (NORWAY); AMADO, C. (PORTUGAL)	8.00 – 10.00
8.00	F843	Blood transfusion requirement prediction in patients undergoing total hip and knee arthroplasty Guerin, S. / Guerin, S.	
8.10	F844	Cost consequence analysis of fondaparinux versus enoxaparin in the prevention of venous thromboembolism after major orthopaedic surgery in belgium Haentjens, P. / Haentjens, P.; Minjoulat-Rey, M-C.; De Knock, M.; Vranckx, K.; Czarka, M.; Gabriel, S.; Annemans, L.	
8.20	F845	Significance of the quality of life assessment questionnaires sf-36 and womac in long term studies after total hip arthroplasty Pospischill, M. / Pospischill, M.; Knahr, K.	
8.30	F846	The role of erythropoetin in total hip replacement. A prospective randomized study Zacharopoulos, A. / Zacharopoulos, A.; Vasiliets, T.; Apostolopoulos, A.; Crisanthopoulou, M.; Anastasopoulos, P.; Antoniou, D.; Xenos, G.; Moscachlaidis, S.	
8.40	F847	Usfulness of plasma D-Dimer levels in detecting DVT following total hip and knee arthroplasty Rafee, A. / Rafee, A.; McLauchlan, G.J.; Gilbert, R.; Herlekar, D.	
8.50	F848	Reduction in blood transfusion rates after primary hip and knee and arthroplasty in a regional elective orthopaedic centre. Jayasekera, N. / Jayasekera, N.; Kidd, A.; Kashif, F.	
9.00	F849	Perioperative red cell salvage in revision hip surgery - a case matched study Bridgeman, J. / Evans, C.; Dobson, P.; Hamer, A.	
9.10	F850	Clinical evaluation of autologous blood transfusion drains following primary total knee arthroplasty. Is it an alternative to homologous transfusion? Prospective Randomised Controlled Trial Abuzakuk, T. / Abuzakuk, T.; Skinner, J.A.; Cannon, S.; Briggs, T.	
9.20	F851	Factors affecting blood loss in total knee arthroplasty Prasad, N. / Prasad, N.; Mullaji, A.; Padmanabhan, V.	
9.30	F852	The affect of aspirin and non-steroidal on post-operative blood loss following total knee arthroplasty Molloy, D. / Molloy, D.; Wilson, R.K.; Beverland, D.E.	
9.50	F853	Does iron supplementation following total knee or hip arthroplasty accelerate recovery of haemoglobin levels? A randomised, placebo controlled study. Mundy, G. / Mundy, G.M.; Birtwistle, S.J.; Power, R.A.	

FREE PAPERS TRAUMA 15		TIBIAL SHAFT FRACTURES MODERATORS: RUSHTON, N. (UNITED KINGDOM); CORREIA, L. (PORTUGAL)	10.30 – 12.30
10.30	F854	Assessment of lower limb alignment after I.I.S.S. fixation Pullen, H. / Pullen, H.; Mohanty, K.; Powell J.N.	
10.40	F855	Stabilization of proximal tibial fractures with the less invasive stabilization system Castelli, F. / Spagnolo, R.; Castelli, F.; Bonalumi, M.; Capitani, D.	
10.50	F856	Minimal invasive surgery of closed lower limb fractures: past and present experiences with conventional and updated devices in 90 cases. Montemurro, G. / Di Russo, L.; Vitullo, A.	
11.00	F857	Locked compression plating of metaphyseal fractures Rubel, I. / Corcoran, A.	
11.10	F858	Percutaneous fixation of comminuted fractures of long bones. Preliminary study Pospula, W. / Pospula, W.; Al Noor, A.T.; Al Rowaih, A.	
11.20	F859	Percutaneous tibial nailing: a new surgical technique. Nadarajah, V. / Asumu, T.; Nadarajah, V.	
11.30	F860	An economic analysis of management strategies for closed and open grade I tibial shaft fractures Sprague, S. / Sprague, S.; Busse, J.; Bhandari, M.; Sprague, S.; Johnson-Masotti, A.P.; Gafni, A.	

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FREE PAPERS TRAUMA 15		TIBIAL SHAFT FRACTURES MODERATORS: RUSHTON, N. (UNITED KINGDOM); CORREIA, L. (PORTUGAL)	10.30 – 12.30
11.40	F861	Our experience from intramedullary nailing as final treatment of the initially external fixed open fractures of tibial shaft. Karatzas, G. / Karatzas, G.; Kritis, D.; Doussias, A.; Aggelidis, Ch.	
11.50	F862	Recombinant human bone morphogenetic protein-2 for the treatment of gustilo grade iii open tibia fractures Nordsletten, L. / Valentim-Opran, A.	
12.00	F863	The impact of appearance related psychological distress after complex lower limb surgery Mushtaq, S. / Mushtaq, S.; Kotwal, A.; Pavlou, G.; Giannoudis, P.; Branfoot, T.	
12.10	F864	Syme level versus chopart level – war surgery Muminagic, S. / Muminagic, S.; Kapidzic, T.	
12.20	F865	Disarticulation at the ankle using an anterior flap Bek, D. / Atesalp, A.S.; Komurcu, M.; Tunay, S.; Bek, D.	
FREE PAPERS TRAUMA 16		TROCHANTERIC HIP FRACTURES MODERATORS: MORONI, A. (ITALY); CARDADOR, L. (PORTUGAL)	14.00 – 16.00
14.00	F866	Reliability of :classification for intertrochanteric fractures of proximal femur. Bonshahi, A. / Bonshahi, A.Y.; Raja, S.; Mohan, B.	
14.10	F867	Treatment of trochanteric femoral fractures with proximal femoral nail (PFN) Utkan, A. / Portakal, S.; Utkan, A.; Dayican, A.; Ozkan, G.; Karaman, Y.; Tumoz, M.A.	
14.20	F868	Norian srs augmentation in unstable intertrochanteric fractures treated with sliding hip screw. Hatzisymeon, A. / Venetsanakis, G.; Hatzisymeon, Ap.; Petsatodes, G.; Antonarakos, P.; Christodoulou, An.; Pournaras, J.	
14.30	F869	Cutting out: a main problem in the management of trochanteric fractures Friedl, W. / Florian, H.	
14.40	F870	Osteosynthesis of subtrochanteric femoral fractures with a condylar blade plate Djurdevic, D. / Pericic, D.; Djurdjevic, D.	
14.50	F871	Short femoral nails versus the sliding hip screw for the fixation of extracapsular hip fractures: a meta-analysis of 24 studies involving 3279 fractures Wynn Jones, H. / Parker, M.	
15.00	F872	Transfusion and infection incidence in hip fracture treated with a dynamic hip screw Espierrez, J. / Cuenca, J.; Martaanez, F.; Garcia-Erce, J.A.; Martinez, A.A.; Cardona, R.; Beneda, J.A.	
15.10	F873	Delay in theatre time in patients with proximal femur fractures on warfarin Prasanna, K. / Abdulkadir, U.A.; Prasanna, V.K.	
15.20	F874	Quantification of the systemic inflammatory response following early total care and damage control procedures for femoral shaft fracture Harwood, P. / Harwood, P.J.; Giannoudis, L.P.V.; van Griensven, L.M.; Krettek, H.C.	
15.30	F875	Cognitive function and cerebral micro-emboli following long bone fractures and intramedullary fixation Gray, A. / Torrens, L.; Christie, J.; Howie, C.; White, T.O.; Carson, A.; Robinson, C.M.	
15.40	F876	The use of parecoxib as a post surgical analgesic compound in the fractures of the hip joint in comparison with the use of diclofenac-pethidine. Zacharopoulos, A. / Apostolopoulos, A.; Kiriakidis, A.; Xrisanthopoulou, M.; Anastasopoulos, P.; Antoniou, D.; Liakou, K.; Zacharopoulos, A.	
15.50	F877	Treatment of tibial pseudoarthroses with pulsed electromagnetic fields Cebrian, J. / Cebrian, J.L.; Sanchez, P.; Alberto, F.; Garcia-Crespo, R.; Marco, F.; Lopez-Duran, L.	

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AUDITORIUM 9

FREE PAPERS PAEDIATRICS 7		LIMB LENGTH INEQUALITY MODERATORS: PFEIL, J. (GERMANY); SEABRA, J. (PORTUGAL)	8.00 – 10.00
8.00	F878	Single entry percutaneous physiodesis for leg length inequality. A prospective study of 26 consecutive patients Kutty, S. / Kutty, S.; Dowling, F.E.; Fogarty, E.E.; Moore, D.P.	
8.10	F879	Tibial lengthening and correction deformity in children using Sheffield Ring Fixator. Kasis, A. / Kasis, A.G.; Saleh, M.	
8.20	F880	Compression-distraction systems in the treatment of segmental bone defects in children and adolescents De Pablos, J. / Fernandez, J.P.; Garcia Gonzalez, S.; Arrese, A.G.; Echavarren, E.E.; Avila, A.	
8.30	F881	Deformity correction and limb lengthening by external fixation. Is the taylor spatial frame superior to other devices? Biedermann, R. / Biedermann, R.; Kirschbichler, K.; Kaufmann, G.; Mattesich, M.; Frischhut, S.; Krismer, M.	
8.40	F882	Outcome following deformities secondary to growth plate arrest around the knee in adults Kasis, A. / Kasis, A.G.; Pacheco, R.J.; Saleh, M.	
8.50	F883	Ankle Joint Reconstruction in fibular hemimelia in conjunction with the Ilizarov Technique Shalaby, H. / Hefny, H.; Thakeb, M.; El-kawy, S.; Elmoatasem, E.	
9.00	F884	Viability of the growth plate after physeal distraction De Pablos, J. / Fernandez, J.P.; Garcia Gonzalez, S.; Arrese, A.G.; Avila, A.; Corchuelo, C.	
9.10	F885	Congenital absence of the cruciate ligaments - results of radiological investigations and gait analysis Manner, H. / Kranzl, A.; Radler, C.; Grill, F.	
9.20	F886	Gait analysis following pediatric femur fractures Delialioglu, O. / Delialioglu, O.; Tasbas, B.; Bayrakci, K.; Daglar, B.; Yavuzer, G.; Kurt, M.; Gunel, U.	
9.30	F887	Slipped capital femoral epiphysis: evaluation of the femoral head vascularisation before and after cannulated-screw fixation with use of contrast-enhanced MRI Roehrig, H. / Ihme, N.; Niedhart, C.; Staatz, G.; Kochs, A.	
9.40	F888	The value of hip arthroscopy in children and adolescents Rehm, A. / Rehm, A.; Villar, R.N.	
FREE PAPERS PAEDIATRICS 8		CONGENITAL DEFORMITIES MODERATORS: WEBER, M. (GERMANY); LOPES, C. (PORTUGAL)	10.30 – 11.30
10.30	F889	Results of surgical treatment for thumb duplication in 120 cases Gohla, T. / Gohritz, A.; Lanz, U.	
10.40	F890	Four year results of registration of congenital limb malformations in Germany Schröder, S. / Berdel, Ph.; Ihme, N.; Niethard, F.U.; Weber, M.	
10.50	F891	Forearm derotational osteotomies for congenital proximal radioulnar synostosis Ramachandran, M. / Ramachandran, M.; Lau, K.; Calder, P.R.; Jones, D.H.A.	
11.00	F892	Sonographic evaluation of the treatment of idiopathic clubfoot according to Ponseti Suda, R. / Suda, R.; Radler, C.; Grill, F.	
11.10	F893	Effects of the percutaneous Achilles tenotomy on radiological findings in the treatment of congenital clubfeet using the Ponseti method Radler, C. / Radler, C.; Suda, R.; Grill, F.	
11.20	F894	Preliminary results of the Ponseti method for the treatment of congenital idiopathic clubfeet Radler, C. / Radler, C.; Suda, R.; Grill, F.	
ICL 21		HIP DYSPLASIA. DIAGNOSIS AND TREATMENT FROM BIRTH TO OLD AGE MODERATOR: NIETHARD, F.U.(GERMANY)	11.30 – 12.30

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FREE PAPERS TRAUMA 17		UPPER LIMB MODERATORS: D'ARIENZO, M. (ITALY); FRISCHKNECHT, J. (PORTUGAL)	14.00 – 16.00
14.00	F895	Fracture dislocation perilunate: choice of treatment in multiple trauma patient Valentinotti, U. / Valentinotti, U.; Spagnolo, R.; Capitani, D.; Sala, F.; Castelli, F.; Bonalumi, M.; Bono B.; Capitani, D.	
14.10	F896	Wrist injury with normal x-rays - which is better investigation? Dussa, C. / Dussa, C.U.; Gul, A.; Herdman, G.; Veeramuthu, K.; Singhal, K.	
14.20	F897	An analysis of interobsrver reliability and intraobserver reproducibility in the classification of distal radius fractures. Maguire, M. / Maguire, M.P.; Mohil, R.; Ng, A.; Hodgson, S.P.	
14.30	F898	Variables affecting stability of distal radius fractures fixed with K wires: A radiological study Michael, A. / Kurup, H. V.; Mandalia, V.; Singh, B.; Shaju, K.A.; Mehta, R.L.; Beaumont, A.R.	
14.40	F899	Intra-articular distal radius fractures: fluoroscopic or arthroscopic reduction? Dailiana, Z. / Basdekitis G.K.; Varitimidis S., Dailiana Z.H., Hantes M.E., Bargiotas K., Malizos K.N.	
14.50	F900	LCP - Distal Radius: advantages x difficulties and complications Nestrojil, P. / Nestrojil, Petr.	
15.10	F901	Combined strained fixation (cosf) in case of fractures, non-unions and defects of clavicle Solomin, L. / Solomin, L.; Tonkikh, S.; Kolomietz, A.; Parfeev, D.	
15.20	F902	Percutaneous insertion of a proximal humeral nail for fractures - results and assessment of the shoulder function Scarlat, M. / Scarlat, M.M.; Redreau, B.	
15.30	F903	Operative treatment of humeral shaft fractures with an intramedullary nail Dimakopoulos, P. / Dimakopoulos, P.; Giannikas D.; Pappas, M.; Papadopoulos, A.; Lambiris, E.	
15.40	F904	Clinical outcome of treatment of failed rotator cuff repairs: results of different treatment options Sukthankar, A. / Sukthankar, A.; Lingenfelter, E.; Jost, B.; Maquieira, G.; Gerber, C.	
15.50	F905	Innervation patterns of the inferior glenohumeral ligament: anatomical and biomechanical relevance. Gelber, P. / Gelber, P.E.; Reina, F.; Monllau, J.C.; Martinez, S.; Pelfort, X.; Caceres, E.	

AUDITORIUM 10

FREE PAPERS TUMOURS 1		TUMOURS 1 MODERATORS: SZENDROI, M. (HUNGARY); CASANOVA, J. (PORTUGAL)	08.00 – 10.00
8.00	F906	Tolerance of skin graft to external beam radiation for extremity sarcomas Hulse, N. / Narayan, H.; Rajashekhar, C.; Paul, A.S.; Wylie, J.P.	
8.10	F907	A clinical, radiological and pathological study of 89 cases of sarcomas complicatin....? Disease of bone Sharma, H. / Jane, M.J.; Reid, R.	
8.20	F908	Allograft-prosthesis composite for reconstruction of the proximal femur after limb salvage surgery for bone tumors: surgical technique and results Fabbri, N. / Mercuri, M.; Donati, D.; Fabbri, N.; De Paolis, M.	
8.30	F909	Pulmonary metastatic surgery in sarcomas Balacó, I. / Balaco, I.; Casanova, J.; Matos, P.; Teixeira, C.; Tavares, P.; Garcia, H.; Laranjo, A.; Portela, J.	
8.40	F910	Management of multiple recurrences of aggressive fibromatosis de Caso, J. / De Caso, J.; Gracia, I.; Doncel, A.; Majo, J.	
8.50	F911	Recurrent soft tissue tumors treated with wide re-excision and high dose intraoperative radiotherapy Kormas, T. / Kormas, T.P.; Zambatis, H.; Flioni - Vyza, A.A.; Soulomioti, G.; Beroukas, C.S.	
9.00	F912	Synovial sarcoma of the hand Peiro, A. / Peiro, A.; Lamas, C.; Gracia, I.; Perez, F.; De Caso, J.; Pulido, M.C.; Trullols, L.; Majo, J.	
9.10	F913	Malignant tumours of the fibula: 15 year review Hilton, A. / David, L.; Hilton, A.I.; Back, D.L.; Cobb, J.; Cannon, S.R.; Briggs, T.W.R.	

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FREE PAPERS TUMOURS 1			08.00 – 10.00
TUMOURS 1 MODERATORS: SZENDROI, M. (HUNGARY); CASANOVA, J. (PORTUGAL)			
9.20	F914	Preoperative irradiation and local resection in the treatment of liposarcoma Edipoglu, E. / Hiz, M.; Eklioglu, R.; Edipoglu, E.; Dincbas, F.; Dervisoglu, S.	
9.30	F915	En bloc resection and extracorporeal irradiation of bony malignancies with re-implantation for limb salvage reconstruction Davidson, A.W. / Davidson, A.W.; Hong, A.; Med, M.; McCarthy, S.W.; Stalley, P.D.	
9.40	F916	Total femoral endoprosthetic replacement David, L. / Blunn, G.W.; Cannon, S.R.; Briggs, T.W.R.	
9.50	F917	Accuracy of image guided percutaneous needle biopsy compared to percutaneous needle biopsy without image guidance in diagnosis of soft tissue tumours Narvani, A. / Narvani, A.A.; Tsiridis, E.; Mitchell, R.; Saifuddin A.; Briggs, T.W.; Cannon, S.R.	
FREE PAPERS TUMOURS 2			10.30 – 11.30
TUMOURS 2 MODERATORS: WINCKELMANN (GERMANY); CARDOSO, P. (PORTUGAL)			
10.30	F918	Bone scan with 99mTc-MIBI used to distinguish malignancies from benign bone entities Kormas, T. / Kormas, T.; Zanglis, A.; Andreopoulos, D.; Kyrilidou, A.; Vagelatou, A.; Baziotis, N.	
10.40	F919	Vascular endothelial growth factor expression in stage 2b osteosarcomas around the knee influences survival. Charity, R. / Foukas, A.F.; Grimer, R.J.; Deshmukh, N.; Mangham, D.C.; Taylor, S.	
10.50	F920	Lontophoresis as a means of antibiotic delivery in segmental bone allograft surgery Khan, R. / Khoo, P.; Fick, D.; Day, R.; Michalak, K.; Wood, D.J.	
11.00	F921	Effect of high hydrostatic pressure on osteoinductive properties of extracellular bone matrix proteins Diehl, P. / Diehl, P.; Magdolen, U.; Schauwecker, J.; Eichelberg, K.; Gollwitzer, H.; Gradinger, R.; Mittelmeier, W.; Schmitt, M.	
11.10	F922	Molecular predictors of outcome in patients with osteosarcoma Casanova, J. / Reith, J.D.; Scarborough, M.T.; Enneking, W.F.	
11.20	F923	Analysis of EXT1 and EXT2 genes in patients affected by multiple hereditary exostoses: impact on phenotype and secondary chondrosarcoma development Fabbri, N. / Fabbri, N.; Sangiorgi, L.; Maini, V.; Campanacci, L.; Pedrini, E.; Mercuri, M.; Picci, P.	
FREE PAPERS UPPER LIMB			11.30 – 12.30
ELBOW FRACTURES MODERATORS: JOSTEN, C. (GERMANY); AMARAL, C. (PORTUGAL)			
11.30	F924	Comminuted olecranon fractures: how not to shorten or lengthen when applying internal fixation Wadia, F. / Wadia, F.; Kamineni, S.	
11.40	F925	A biomechanical study of locking compression plates in low distal intra-articular humeral fractures in elderly patients Oliveira, M. / Matityahu, A.; Redfern, D.J.; Oliveira, M.L.R.; Belkoff, S.M.; Hopkins, J.; Eglseder, W.A.	
11.50	F926	Repair of distal biceps tendon ruptures by superanchors through a single anterior incision. Khan, A. / Khan, A.D.; Yin, Q.; Qi, Y.	
12.00	F927	Distal biceps tendon reconstruction in chronic ruptures Darlis, N. / Sotereanos, D.G.	
12.10	F928	Our experience in the treatment of the transolecranon fracture-dislocation of the elbow Pérez-Ubeda, M.J. / Pérez-Ubeda, M.J.; Otero, O.J.; López Morales, Y.; de Francisco Marugán, B.; Martínez, M.; López-Durán, F.; Stern, L.	
12.20	F929	The ulnar sled - a new device for fixation of fractures of the olecranon: A biomechanical comparison with the traditional AO tension band wiring Dieterich, J. / Dieterich, J.; Ceder, L.; Frederick, K.	

AUDITORIUM 10

FREE PAPERS HIP 20		MINI INVASIVE MODERATORS: GÜNTHER, K.-P. (GERMANY); SALGADO, J. (PORTUGAL)	14.00 – 16.00
14.00	F930	Mis versus standard incision total hip replacement: short term results. Thalava, R. / Reading, A.; Knebel, R.	
14.10	F931	THR using a mini invasive anterior approach computer assisted Catonné, Y. / Nogier, A.; Lazennec, J.Y.; Saillant, G.	
14.20	F932	THA using a minimally invasive posterior surgical approach: early results and comparaison with a standard technique Asencio, G. / Asencio, G.; Francis, N.; Caremeau, C.; Nämes, F.	
14.30	F933	Mini total hip arthroplasty Babis, G. / Babis, G.C.; Tsailas, P.G.	
14.40	F934	Minimal invasive hip arthroplasty in routine Klima, S. / Hein, W.	
14.50	F935	Stem and cup placement in navigated and non-navigated minimally invasive total hip arthroplasty through an anterior single incision approach - results of a cadaver study Nogler, M. / Rachbauer, F.; Mayr, E.; Prassl, A.; Thaler, M.; Krismer, M.	
15.00	F936	Hip resurfacing with computer navigation initial experience at the royal bournemouth hospital, uk Sandhu, H. / Sandhu, H.S.; Middleton, R.G.; Serjeant, S.A.	
15.10	F937	Metal on metal hybrid surface arthroplasty early experience with the birmingham hip resurfacing Pillai, A. / Pillai, A.; Basapa, P.; Hilmy, O.; El-Hadidi, M.	
15.20	F938	Surface replacement of the hip - one to five-year clinical and radiographic results of the Birmingham Hip Resurfacing Witzleb, W.C. / Witzleb, W.C.; Knecht, A.; Marlen, A.; Torsten, B.; Klaus-Peter, G.	
15.30	F939	Randomised study of gait analysis after total hip resurfacing and total hip arthroplasty Vendittoli, P. / Prince, F.; Vendittoli, P.A.; Lavigne, M.; Roy, A.; Prince, F.; Cote, J.	
15.40	F940	Hip resurfacing in a district general hospital McAndrew, A. / Khaleel, A.; Broomfield, M.D.; Aweid, A.M.	

AUDITORIUM 11

FREE PAPERS FOOT 5		FOOT AND ANKLE 1 MODERATORS: CHELL, J. (UNITED KINGDOM); CÔRTE-REAL, N. (PORTUGAL)	8.00 – 10.00
8.00	F941	Ankle instability and articular degeneration Frank, O. / Frank, O.; Horisberger, M.; Hintermann, B.	
8.10	F942	The S.T.A.R. - total ankle arthroplasty in patients with RA - A prospective comparative study in patients with RA and OA Christ, R. / Christ, R.M.; Hagen, F.W.	
8.20	F943	Outcome following tibiotalocalcaneal fusion with a retrograde intramedullary nail Komarasamy, B. / Best, A.; Power, R.A.; Leninbabu, V.	
8.30	F944	Foot motion after ankle arthrodesis: kinematic findings of adjacent joints using a multi-segment foot model Mueller, S. / Wolf, S.; Braatz, F.; Armbrust, P.; Doederlein, L.	
8.40	F945	Ilizarov technique for salvage ankle arthrodesis Aslam, N. / Aslam, N.; Nagarajah, K.; Sharp, B.; McNally, M.	
8.50	F946	Interventions for the treatment of acute achilles' tendon ruptures: a meta-analysis Khan, R. / Fick, D.; Brammar, T.; Crawford, J.; Parker, M.J.	
9.00	F947	The distribution of nerves and nerve endings in the achilles tendon an immunohistological study of acute ruptures, chronic painful tendinopathy and normal tendon. Costa, M. / Robinson, A.H.; Donell, S.T.; Curry, V.; Riley, G.P.	

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FREE PAPERS FOOT 5		FOOT AND ANKLE 1 MODERATORS: CHELL, J. (UNITED KINGDOM); CÔRTE-REAL, N. (PORTUGAL)	8.00 – 10.00
9.10	F948	Hassle-free management of achilles tendon ruptures. Our experience with a new protocol and prospective study. Monteagudo, M. / Monteagudo, M.; Martinez, N.; Muñoz, T.; Martos, S.; Rodea, M.J.	
9.20	F949	Percutaneous tendoachillis repair-review of 96 cases Garg, S. / Garg, S.; Singh, N.; Abed, T.	
9.30	F950	The management of ankle syndesmosis injuries - a national audit of united kingdom practice and comparison with published recommendations. Perera, A. / Perera, A.M.; Qureshi, A.; Porter, K.M.	
9.40	F951	Is reconstruction always necessary in chronic lateral ankle instability? Malviya, A. / Makwana, N.; Laing, P.	
9.50	F952	Ten-year follow-up of reconstruction of the lateral ligaments of the ankle with artificial ligament Usami, N. / Inokuchi, S.; Hiraishi, E.; Waseda, A.; Shimamura, C.; Ikezawa, H.	
FREE PAPERS FOOT 6		FOOT AND ANKLE 2 MODERATORS: WÜLKER (GERMANY); GOMES, A. (PORTUGAL)	10.30 – 12.30
10.30	F953	Change in intermetatarsal angle of hallux valgus following first metatarsophalangeal arthrodesis Cronin, J. / Cronin, J.; Kutty, S.; Limbers, J.; Stephens, M.M.	
10.40	F954	A retrospective analysis of first metatarso-phalangeal joint fusions Patil, S. / Patil, S.; Chojnowski, A.; Albert, J.	
10.50	F955	The 1st MTPJ is not a hinge: A biomechanical evaluation of 1st MTPJ replacement Tanaka, H. / Tanaka, H.; Hariharan, K.	
11.00	F956	A prospective comparison of clinical and radiological features of hallux rigidus before and after the total joint replacement: a 5 year follow-up and analysis Pulavarti, R. / Pulavarti, R.S.; Tulloch, C.J.	
11.10	F957	Halux metatarsophalangial joint preservation during forefoot resection arthroplasty Hulse, N. / Hulse, N.; Thomas, A.M.C.	
11.20	F958	Effectiveness of Stainsby operation for dislocated lesser toe M-P Joints Panikkar, V. / Hassan, K.; Rashid, M.; Panikkar, V.; Henry, A.P.J.	
11.30	F959	The results of the conservative treatment of Morton interdigital neuromas. Kastanis, G. / Kastanis, G.; Tsimplakis, M.; Karampalis, C.	
11.40	F960	Toe deformities in classical ballet dancers: second toe length is really important in the aetiology Oztekin, H. / Oztekin, H.H.; Nalcakan, M.; Zeren, B.	
11.50	F961	Foot and ankle of professional ballet dancers: patterns of injury and injury prevention Hailer, Y. / Hailer, Y.; Kerschbaumer, F.	
12.00	F962	Preparation for Forefoot Surgery. A Prospective Comparative Trial. Evans, A. / Evans, A.; Lim, K.; Cope, S.J.; Pereira, M.; Read, L.; Morgan, D.	
12.10	F963	Aofas scores a trend & correlation with quality score Malviya, A. / Makwana, N.	
12.20	F964	Objective Assessment of Plantar Aponeurosis Function Misra, A./ Misra, A.N.; Kontaxis, A.; Briggs, P.J.; Johnson, G.	

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FREE PAPERS TRAUMA 18		PERIPROSTHETIC FRACTURES MODERATORS: HOLZ (GERMANY); JUDAS, F. (PORTUGAL)	14.00 – 16.00
14.00	F965	Dynamic internal fixation of the periprosthetic femoral fractures Milenkovic, S. / Mirkovic, M.; Micic, I.; Stanojlovic, M.; Radenovic, M.; Stanojkovic, M.	
14.10	F966	Surgical treatment of periprosthetic femoral fractures without stem loosening Kastelov, R. / Kastelov, R.; Tachev, P.	
14.20	F967	INTEGRACJA stabilization system in the treatment of periprosthetic fractures of femoral shaft Wronski, W. / Kaleta, M.; Gazdzik, T.S.	
14.30	F968	Locked internal fixators for periprosthetic fractures around the femoral stem Bansal, R. / Bansal, R.; Luscombe, J.; Ali, S.; Cooper, J.P.	
14.40	F969	Exchange arthroplasty to treat periprosthetic femur fractures Katzer, A. / Katzer, A.; Loehr, J.F.; Steens, W.	
14.50	F970	Management of periprosthetic fractures Belov, M. / Daniyak, V.V.; Belov, M.V.; Kuropatkin, G.V.; Drjagin, V.G.	
FREE PAPERS TRAUMA 19		LOWER LIMB MODERATORS: HOLZ (GERMANY); JUDAS, F. (PORTUGAL)	14.00 – 16.00
15.00	F971	The iceskate and the snowplough the effect of intra-articular fracture line orientation on outcome Morris, S. / Cottell, D.; Fitzpatrick, D.; Buckley, C.; Mc Cormack, D.; Fitzpatrick, J.M.	
15.10	F972	New principals in the management of fractures under tension. Experimental and clinical examinations. Friedl, W. / Jonas, G.	
15.20	F973	Hybrid external fixation of femur: when we should use K-wire and when S-screw? Solomin, L. / Solomin, L.; Andrianov, M.	
15.30	F974	Relationship between locking bolt torque and load pre tension in the Ilizarov frame Osei, N. / Osei, N.A.; Bradley, B.; Culpan, P.; Mitchell, J.B.; Barry, M.; Tanner, K.E.	
15.40	F975	Traumatic Knee Dislocation. Outcome in ACL deficient knees. Umarji, S. / Matthews, H.; Bell, J.S.P.	
15.50	F976	Outcomes following stabilization of fractures around the knee with liss Apostolou, C.D. / Apostolou, C.D.; Papavasileiou, A.V.; Aslam, N.; Handley, R.; Willett, K.M.	

AUDITORIUM 12

FREE PAPERS GENERAL ORTHOPAEDICS 4		HIP MODERATORS: PFÖRRINGER, W. (GERMANY) ; BRAZ, B. (PORTUGAL)	8.00 – 10.30
8.00	F977	Differences in early postoperative mortality after insertion of primary hip (THA) and knee prostheses (TKA) reported to the Norwegian Arthroplasty Register. Lie, S.A. / L.B. Engeseter, Havelin, L.I.; Furnes, O.	
8.20	F978	Detection of orthopaedic implants with airport metal detectors: analysis and recommendations. Grimm, B. / van der Wal, B.C.H.; Grimm, B.; Heyligers, I.C.	
8.30	F979	TGF-beta2 and TGF-beta3 expression in the development of the heterotopic ossification Toom, A. / Toom, A.; Arend, A.; Haviko, T.; Selstam, G.	
8.40	F980	Osteoarthritis of the hip joint in former elite athletes Schmitt, H. / Schmitt, H.; Schneider, S.; Parsch, D.	
8.50	F981	Management of hip osteoarthritis by orthopaedic surgeons in the UK Cavendish, V. / Cavendish, V.J.; Williams, S.; Learmonth, I.D.; Dieppe, P.	
9.00	F982	Laboratory testing of thr: do we need more? Gallinaro, P. / Gallinaro, P.; Chiusoli, L.	

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FREE PAPERS GENERAL ORTHOPAEDICS 4

HIP

MODERATORS: PFÖRRINGER, W. (GERMANY) ; BRAZ, B. (PORTUGAL)

8.00 – 10.30

9.10	F983	Subsidence of the Exeter femoral stem: can the centraliser be used to measure subsidence within the cement mantle? Lewis, C. / Lewis, C.; Davis, E.; Pearson, A.; Pynsent, P.
9.20	F984	Acetabular destruction in hemiarthroplasty of the hip - a compulsory process? A longterm survey including a histological study. Schreiner, A. / Schreiner, A.; Clauss, M.; Luem, M.; Ochsner, P.E.
9.30	F985	Health technology assessment report on robotic assisted primary total hip replacement Schraeder, P. / Schraeder, P.; Rainer, R.
9.40	F986	Does the surgical approach used to perform a cemented hip arthroplasty affect the quality of the femoral cement mantle? Sanghrajka, A. / Caruana, J.; Higgs, D.; Mannon, K.; Cannon, S.R.; Blunn, G.; Briggs, T.W.R.
9.50	F987	Evaluation and first use of appropriateness criteria for total hip replacement Flören, M. / Müller, D.; Dreinhöfer, K.; Puhl, W.
10.00	F988	Trunk balance following total hip replacement Majewski, M. / Majewski, M.; Bischoff-Ferrari, H.A.; GrÄ1/4neberg C; Dick, W.; Allum, J.H.J.
10.10	F989	Press-Fit procedure of metal-on-metal hip resurfacing replacements: a contact mechanics study Udofia, I. / Liu, F.; Jin, Z.; Hirt, F.; Rieker, C.; Roberts, P.; Grigoris, P.
10.20	F990	Complications after lesions of the periphery nerve system after total-hip-replacement (THR). What can we offer to these anguished patients? The experiences of 15 years THR surgery. Zappe, B. / Majewski, M.; Ochsner, P.E.

CROSS FIRE 6

OSTEOARTHRITIS OF THE THUMB. FUSION, EXCISION OR REPLACEMENT?

MODERATOR: KOPYLOV, P. (SWEDEN)

10.30 – 12.30

Fusion

Kopylov, P. (Sweden)

Excision

Botelho, J.C. (Portugal)

Excision arthroplasties

da Costa, J.M (Portugal)

Replacement

Moutet, F. (France)

Cases presentation and discussion

All speakers

FREE PAPERS GENERAL ORTHOPAEDICS 5

CLINICAL SESSION

MODERATORS: SALIS-SOGLIO (GERMANY); CARO DE SOUSA, R. (PORTUGAL)

14.00 – 16.00

14.00	F991	Orthopaedic surgery of the lower limbs in 49.800 rheumatoid arthritis patients: results from the Swedish National Inpatient Registry from 1987-2001. Weiss, R. / Weiss, R.J.; Stark, A.; Wick, M.C.; Ehlin, A.; Wretenberg, F.Per
14.10	F992	Internet based quality control after total joint replacement Ploetz, W. / Ploetz, W.; Kuebler, M.; Kupzyk, C.; Kraenzlein, J.
14.20	F993	Partial weight-bearing in orthopaedic patients, monitoring with a new gait-analysis system. Clar, H. / Radl, R.; Wolf, M.; Windhager, R.

AUDITORIUM 12

FREE PAPERS GENERAL OTHOAEDICS 5		CLINICAL SESSION MODERATORS: SALIS-SOGLIO (GERMANY); CARO DE SOUSA, R. (PORTUGAL)	14.00 - 16.00
14.30	F994	Thoracic Outlet Syndrome: correlation between physical, radiological, neurophysiological and operative findings Chennagiri, R. / Chennagiri, R.; Wilson, D.; Giele, H.	
14.40	F995	Orthopaedic surgery in rheumatoid arthritis: a survey Matricali, G. / Verduyckt, J.; Leuven, J.U.; Boonen, A.; Maastricht, A.Z.; Taelman, V.; Leuven, H.H.; Verschueren, P.; Leuven, K.U.; Sileghem, A.; Genk, L.; Hasselt, C.; Westhovens, R.; Leuven, K.U.	
14.50	F996	Distraction osteogenesis in long bone nonunion Aslam, N. / Nagarajah, K.; Aslam, N.; McNally, M.	
15.00	F997	Correction of the angular deformities of the tibia using a unilateral external fixator Ohnishi, I. / Matsumoto, T.; Ohnishi, I.; Matsuyama, J.; Okazaki, H.; Sato, W.; Bessho, M.; Nakamura, K.	
15.10	F998	MRI and cognitive function loss after lower limb arthroplasty Rickman, M. / Rickman, M.; Lewis, P.; Butcher, C.; Lekkas, P.; Lee, M.	
15.20	F999	The ASA scoring system? – not in orthopaedics thanks an assessment of the inter and intra-observer reliability Carey Smith, R. / Davis, B.J.	
15.30	F1000	Lengthening with Ilizarov frame and Lengthening over Nail. A comparative study. Villacreses, C. / Craveiro Lopes, N.; Escalda, C.; Tavares, D.; Villacreses, C.	
15.40	F1001	Ashes to ashes: a comparison of in vivo dexta scanning versus directly measured bone mineral density in human bone. Morris, S. / Morris, S.; Murphy, T.; Clarke, F.; Keane, C.; Byrne, J.	
15.50	F1002	Secondary prevention of fragility fractures; are we following the guidelines? Closing the audit loop. Prasad, N. / Prasad, N.; Sundermoorthy, D.; Murry, J.; Martin, J.	

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V3	Kazennov, V.	Orthopaedics and trauma in telemedicine field
V4	Bevilacqua, C.	Patellofemoral malalignment in adolescents: treatment by the arthroscopic all inside technique
V5	Denes, R.	Arthrodesis of the i. metatarsophalangeal joint for the treatment of Hallux Valgus in rheumatoid arthritis
V6	Girolami, M.	Treatment of intertrochanteric hip fracture by a new short underdimensioned intramedullary rod. 1.5 yrs experience at the Istituto Ortopedico Rizzoli
V7	Kapoor, S.	Review of results of hip arthroscopy in diagnosis and treatment of hip pain
V8	Asparouhov, A.	Elastic intramedullary nailing for treatment of humeral shaft fractures and nonunions
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V10	Pavelescu, G.	Our therapeutic attitude in surgical treatment of spondylolisthesis
V11	Pavelescu, G.	Spinal sepsis: suggestions and treatment

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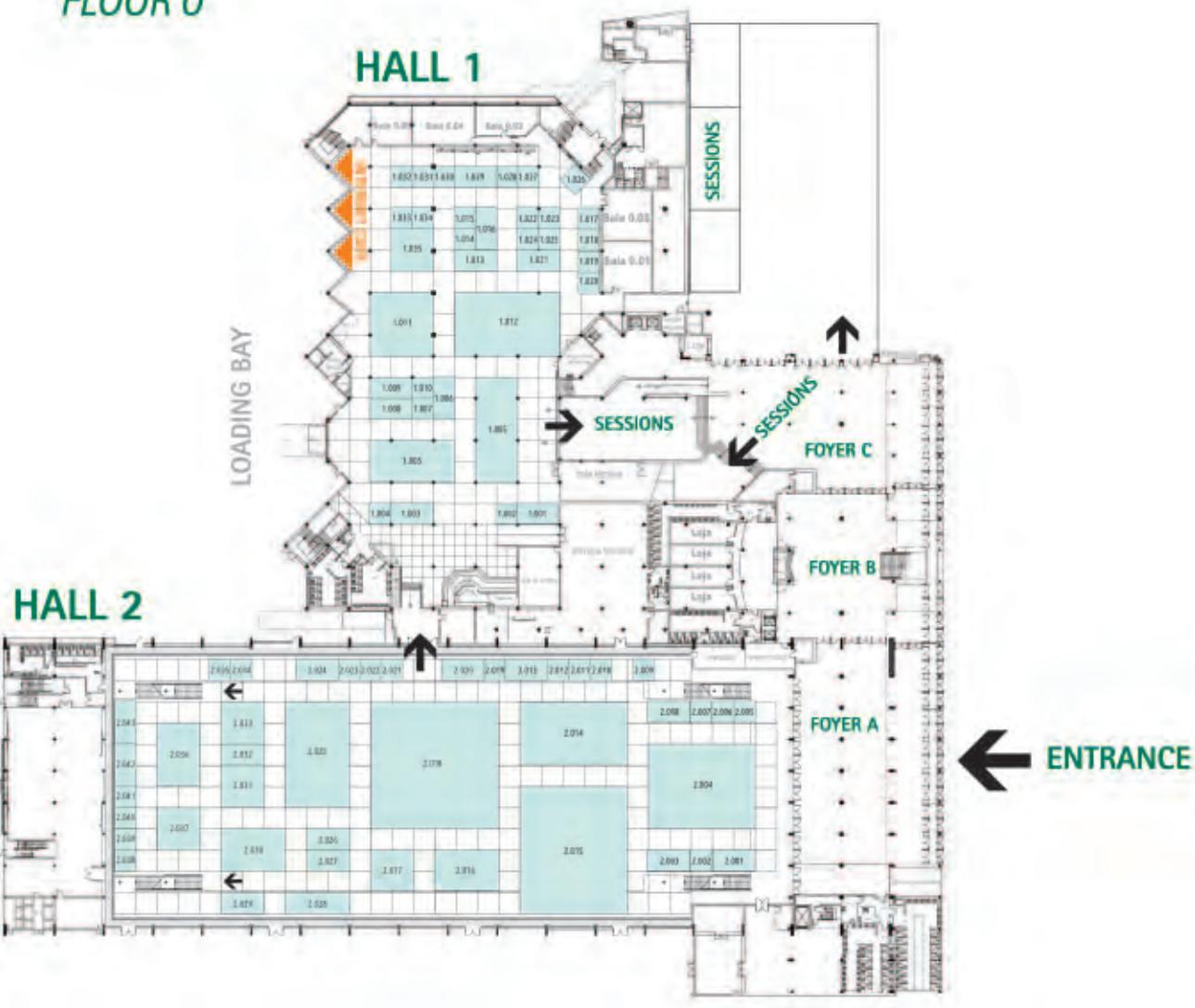


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FLOOR PLAN HALL 1 & 2

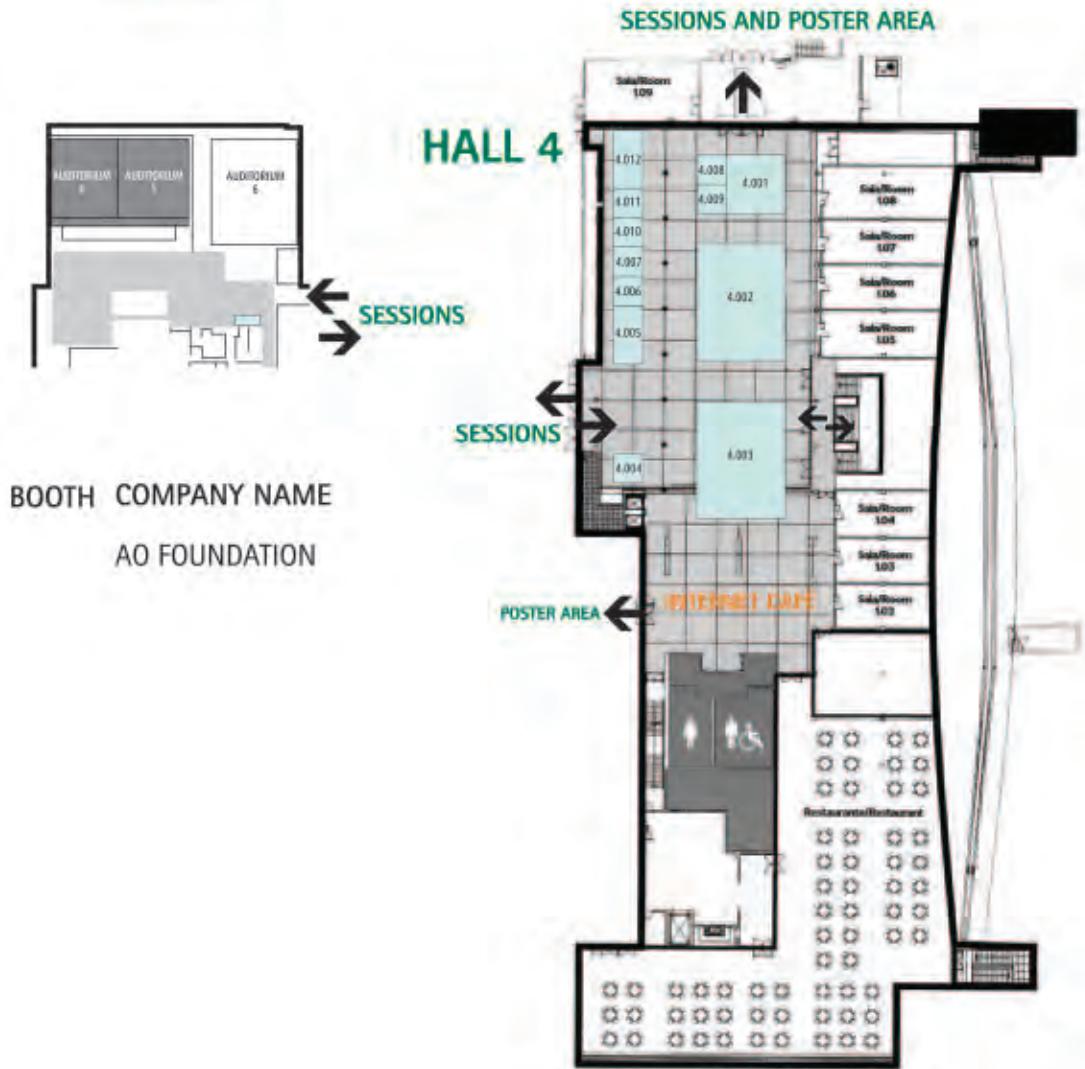
FLOOR O



HALL 1		HALL 2	
BOOTH	COMPANY NAME	BOOTH	COMPANY NAME
1.001	LINVATEC EUROPE	2.001	TORNIER
1.002	AVA SURGICAL	2.002	RSA BIOMEDICAL AB
1.003	BRAINLAB	2.003	TRIAD ORTHOPEDIC
1.004	PARAGON MEDICAL EUROPE	2.004	STRYKER
1.005	SMITH & NEPHEW	2.005	BIOCOMPOSITES LTD
1.006	PETER BREHM	2.006	TELEFLEX MEDICAL
1.007	FINE TUBES LTD	2.007	PERMEDICA SPA
1.008	DJ ORTHOPEDICS	2.008	GENZYME
1.009	ORTHOFIX	2.009	GRUPPO BIOIMPLANTI
1.010	INOMED ENGINEERING	2.010	BITE CIC
1.011	WALDEMAR LINK	2.011	PRECIMED SA
1.012	SYNTES	2.012	FINSBURY ORTHOPAEDICS
1.013	TRB CHEMEDICA	2.013	CORIN
1.014	BAUERFEIND	2.014	PLUS ORTHOPEDICS AG
1.015	DE SOUTTER MEDICAL LTD	2.015	DEPUY INTERNATIONAL
1.016	ISOTIS	2.016	B. BRAUN - AESCULAP
1.017	ITS - IMPLANT TECHNOLOGIE SYSTEM	2.017	SURGIVAL CO.
1.018	JRI LIMITED	2.018	ZIMMER
1.019	GELITA HEALTH INITIATIVE	2.019	AIRCAST EUROPE
1.020	MTF	2.020	INION LTD
1.021	SANATMETAL LTD	2.021	APATECH LIMITED
1.022	GMREIS BIOLÓGICA	2.022	CERAMTEC
1.023	OST DEVELOPPEMENT	2.023	SAWBONES
1.024	FH ORTHOPEDICS	2.024	TECRS SPA
1.025	NEWDEAL	2.025	BIOMET EUROPE
1.026	IOTA	2.026	ORMED
1.027	ORTHOPAEDIC PRODUCT NEWS	2.027	ENCORE MEDICAL CORPORATION
1.028	WICHTIG EDITORE SRL	2.028	KARL STORZ
1.029	JBJS - JOURNAL OF BONE AND JOINT SURGEONS	2.029	INVIBIO LTD
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1.031	ORTHOPEDICS TODAY INT. EDITION	2.031	MATHYS LTD BETTLACH
1.032	ELSEVIER	2.032	CITIEFFE
1.033	AAOS - AMERICAN SOCIETY OF ORTHOPAEDIC SURGEONS	2.033	LIMA-LTO SPA
1.034	BJD - BONE & JOINT DECADE	2.034	CH MEDICAL LTD
1.035	EFORT	2.035	KYPHON EUROPE
		2.036	PFIZER INC
		2.037	SAMO SPA
		2.038	SYNBONE
		2.039	SYNIMED
		2.040	AGFA HEALTHCARE
		2.041	ORTHODYNAMICS
		2.042	HAND INNOVATIONS EUROPE
		2.043	LAFITT SA

FLOOR PLAN HALL 4

FLOOR 1



HALL 4 BOOTH COMPANY NAME

- 4.001 MERCK SHARP & DOHME
- 4.002 GLAXO SMITH KLINE
- 4.003 ASTRAZENECA
- 4.004 MEDTRONIC
- 4.005 LABORATÓRIOS ROVI
- 4.006 SIEMENS MEDICAL SOLUTIONS
- 4.007 GROUPE LEPINE
- 4.008 HALLUFIX
- 4.009 ZIEHM
- 4.010 LIDEL
- 4.011 EPM ENDO PLANT MÜLLER GMBH
- 4.012 SPOT

EXHIBITORS LISTED BY CHRONOLOGICAL BOOTH NUMBER

COMPANY NAME	BOOTH NO.	COMPANY NAME	BOOTH
AO FOUNDATION	Floor 1	PRECIMED SA	2.011
LINVATEC EUROPE	1.001	FINSBURY ORTHOPAEDICS	2.012
TAVA SURGICAL	1.002	CORIN GROUP LTD	2.013
BRAINLAB	1.003	PLUS ORTHOPEDICS AG	2.014
PARAGON MEDICAL EUROPE	1.004	DEPUY INTERNATIONAL	2.015
SMITH & NEPHEW	1.005	B. BRAUN AESCULAP	2.016
PETER BREHM	1.006	SURGIVIAL CO.	2.017
FINE TUBES LTD	1.007	ZIMMER	2.018
DJ ORTHOPEDICS	1.008	AIRCAST EUROPE	2.019
ORTHOFIX INC.	1.009	INION LTD	2.020
INOMED ENGINEERING	1.010	APATECH LIMITED	2.021
WALDEMAR LINK	1.011	CERAMTEC	2.022
SYNTHES	1.012	SAWBONES	2.023
TRB CHEMEDICA	1.013	TECRES SPA	2.024
BAUERFEIND	1.014	BIOMET EUROPE	2.025
DE SOUTTER MEDICAL	1.015	ORMED	2.026
ISOTIS	1.016	ENCORE MEDICAL CORPORATION	2.027
ITS - Implant Technologie Systems	1.017	KARL STORZ	2.028
JRI LIMITED	1.018	INVIBIO LTD	2.029
GELITA HEALTH INITIAVE	1.019	WRIGHT	2.030
MTF - Musculoskeletal Transplant Foundation	1.020	MATHYS LTD. BETTLACH	2.031
SANATMETAL LTD	1.021	CITIEFFE	2.032
G.M.REIS BIOLÓGICA	1.022	LIMA-LTO SPA	2.033
OST DEVELOPEMENT	1.023	CH MEDICAL LTD	2.034
FH ORTHOPEDICS	1.024	KYPHON EUROPE	2.035
NEWDEAL	1.025	PFIZER INC.	2.036
IOTA	1.026	SAMO SPA	2.037
ORTHOPAEDIC PRODUCT NEWS	1.027	SYNBONE	2.038
ORTHOPEDICS TODAY INTERNATIONAL EDITION	1.028	SYNIMED	2.039
JBJS - Journal of Bone and Joint Surgery	1.029	AGFA HEALTHCARE	2.040
EHS - European Hip Society	1.030	ORTHODYNAMICS	2.041
WICHTIG EDITORE SRL	1.031	HAND INNOVATIONS EUROPE	2.042
ELSEVIER	1.032	LAFITT SA	2.043
AAOS - American Society of Orthopaedic Surgeons	1.033	MERCK SHARP & DOHME	4.001
BJD - Bone & Joint Decade	1.034	GLAXO SMITH KLINE	4.002
EFORT	1.035	ASTRAZENECA	4.003
TORNIER	2.001	MEDTRONIC EUROPE	4.004
RSA BIOMEDICAL AB	2.002	LABORATÓRIOS ROVI	4.005
TRIAD ORTHOPEDIC	2.003	SIEMENS MEDICAL SOLUTIONS	4.006
STRYKER	2.004	GROUPE LÉPINE	4.007
BIOCOPPOSITES LTD	2.005	HALLUFIX	4.008
TELEFLEX MEDICAL	2.006	ZIEHM IMAGING	4.009
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GENZYME	2.008	EPM ENDO PLANT MÜLLER GMBH	4.011
GRUPPO BIOIMPLANTI S.R.L.	2.009	SPOT - Sociedade Portuguesa de Ortopedia e	4.012
BITE CIC	2.010	Traumatologia	

EXHIBITIORS LISTET BY COMPANY NAME

COMPANY NAME	BOOTH NO.
AAOS - American Society of Orthopaedics Surgeons	1.033
AGFA HEALTHCARE	2.040
AIRCAST EUROPE	2.019
AO FOUNDATION	Floor 1
APATECH LIMITED	2.021
ASTRAZENECA	4.003
B. BRAUN AESCULAP	2.016
BAUERFEIND	1.014
BIOCOMPOSITES LTD	2.005
BIOMET EUROPE	2.025
BITE CIC	2.010
BJD - Bone & Joint Decade	1.034
BRAINLAB	1.003
CERAMTEC	2.022
CH MEDICAL LTD	2.034
CITIEFFE	2.032
CORIN GROUP LTD	2.013
DE SOUTTER MEDICAL	1.015
DEPUY INTERNATIONAL	2.015
DJ ORTHOPEDICS	1.008
EFORT	1.035
EHS - European Hip Society	1.030
ELSEVIER	1.032
ENCORE MEDICAL CORPORATION	2.027
EPM ENDO PLANT MÜLLER GMBH	4.011
FH ORTHOPEDICS	1.024
FINE TUBES LTD	1.007
FINSBURY ORTHOPAEDICS	2.012
G.M.REIS BIOLÓGICA	1.022
GELITA HEALTH INITIAVE	1.019
GENZYME	2.008
GLAXO SMITH KLINE	4.002
GROUPE LÉPINE	4.007
GRUPPO BIOIMPLANTI S.R.L.	2.009
HALLUFIX	4.008
HAND INNOVATIONS EUROPE	2.042
INION LTD	2.020
INOMED ENGINEERING	1.010
INVIBIO LTD	2.029
IOTA	1.026
ISOTIS	1.016
ITS - Implant Technologie Systems	1.017
JBJS - Journal of Bone and Joint Surgery	1.029
JRI LIMITED	1.018
KARL STORZ	2.028
KYPHON EUROPE	2.035

COMPANY NAME	BOOTH NO.
LABORATÓRIOS ROVI	4.005
LAFITT SA	2.043
LIDEL, EDIÇÕES TÉCNICAS, LDA	4.010
LIMA-LTO SPA	2.033
LINVATEC EUROPE	1.001
MATHYS LTD. BETTLACH	2.031
MEDTRONIC EUROPE	4.004
MERCK SHARP & DOHME	4.001
MTF - Musculoskeletal Transplant Foundation	1.020
NEWDEAL	1.025
ORMED	2.026
ORTHODYNAMICS	2.041
ORTHOFIX INC.	1.009
ORTHOPAEDIC PRODUCT NEWS	1.027
ORTHOPEDICS TODAY INTERNATIONAL EDITION	1.028
OST DEVELOPPEMENT	1.023
PARAGON MEDICAL EUROPE	1.004
PERMEDICA SPA	2.007
PETER BREHM	1.006
PFIZER INC.	2.036
PLUS ORTHOPEDICS AG	2.014
PRECIMED SA	2.011
RSA BIOMEDICAL AB	2.002
SAMO SPA	2.037
SANATMETAL LTD	1.021
SAWBONES	2.023
SIEMENS MEDICAL SOLUTIONS	4.006
SMITH & NEPHEW	1.005
SPOT - Sociedade Portuguesa de Ortopedia e Traumatologia	4.012
STRYKER	2.004
SURGIVAL CO.	2.017
SYNBONE	2.038
SYNIAMED	2.039
SYNTHES	1.012
TAVA SURGICAL	1.002
TECRRES SPA	2.024
TELEFLEX MEDICAL	2.006
TORNIER	2.001
TRB CHEMEDICA	1.013
TRIAD ORTHOPEDIC	2.003
WALDEMAR LINK	1.011
WICHTIG EDITORE SRL	1.031
WRIGHT	2.030
ZIEHM IMAGING	4.009
ZIMMER	2.018

COMPANY DESCRIPTIONS AND ADRESSES

AAOS – AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS BOOTH # 1.033 – HALL 1

PROFILE:

American Academy of Orthopaedic Surgeons (AAOS) is the world's largest medical association of musculoskeletal specialists, serving over 24.000 members, including 2.800 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.

COMPANY INFO:

6300 North River Road
Rosemont, Illinois 60018
USA
Tel.: +1 847 823 7186, Fax: +1 847 823 0668
e-mail: aaos-international@aaos.org
www.aaos.org

AGFA HEALTHCARE BOOTH # 2.040 – HALL 2

PROFILE:

An integrated patient view for the collective needs of Orthopaedic professionals. An integrated patient view. Enhanced surgical planning. Highly functional diagnostic image, information and reporting. 24x7 geographic coverage by highly experienced technical support staff. Workflow analysis, project management, applications training, installation and upgrades by trained professionals. This is Agfa's IMPAX for Orthopaedics solution.

COMPANY INFO:

Septestraat 27
2640 Mortsel
Belgium
Tel: +32 3 444 7516, Fax: +32 3 444 76 00
www.agfa.com

AIRCAST EUROPE BOOTH # 2.019 – HALL 2

PROFILE:

Aircast is a world wide leading Medical Devices Manufacturer specialised in the functional treatment of joint injuries, fractures and oedema in the Orthopaedics and Sports Medicine fields. Aircast pioneered the functional management treatment concept for ankle sprains by developing the Air-Stirrup(tm) Ankle brace - now the standard of treatment. Building on this philosophy the Aircast Pneumatic Walker(tm), Foam Walker(tm), SP Walker(tm) and the Leg Brace are designed to treat injuries of the foot and lower leg. The Aircast Cryo-Cuff-cold compression therapy combines local compression with cold in a post operative or post trauma situation for all body joints.

COMPANY INFO:

Georg Wiesböck Ring 12
83115 Neubeuern
Germany
Tel: +49 8035 87 99 50, Fax: +49 8035 87 99 55
e-mail: export@aircast.de
www.aircast.de

AO FOUNDATION FLOOR 1

PROFILE:

The AO Foundation is a medically oriented non-profit organization with international research and educational activities, led by specialized surgeons. Its mission is to promote patient care in the fields of trauma surgery, orthopaedics and diseases of the musculoskeletal system.

COMPANY INFO:

Clavadelstrasse
7270 Davos Platz
Switzerland
Tel: +41 (0) 81 414 8201, Fax: +41 (0) 81 414 22 80
e-mail: foundation@aofoundation.org
www.aofoundation.org

COMPANY DESCRIPTIONS AND ADRESSES

APATECH LIMITED BOOTH # 2.021 - HALL 2

PROFILE:

Stimulating stable integrated bone repair

ApaTech Limited was formed in 2001 with the rights to bone materials research and IP from London and Cambridge Universities. ApaTech's technology is based on extensive research to engineer the optimum structure for a safe, effective bone graft material that closely approximates natural bone and provides a scaffold for new growth.

Since foundation ApaTech has gained the CE Marck and 510k approval for its first bone graft substitute ApaPore(r) in all orthopaedic applications, and for Pore-Si a new class of bone graft material that combines osseo-conductive and osseo- stimulatory activities. The products are being used clinically in spinal fusions, bone tumours, fractures and in the replacement of failed or loose joint prostheses.

COMPANY INFO:

327 Mile End Road
E1 4NS London
United Kingdom
Tel.: +44 207 882 75 02, Fax: +44 207 882 75 03
e-mail: info@apatech.com
www.apatech.com

ASTRAZENECA BOOTH # 4.003 - HALL 4

PROFILE:

AstraZeneca is one of the world's leading pharmaceutical companies. AstraZeneca has a comprehensive portfolio of cardiovascular products including Atacand, Atacand Plus/Hytacand, Seloken ZOK/Toprol-XL (not available in Portugal) and CRESTOR.

The most recent products in development include ximelagatran, the first oral treatment in a new class of direct thrombin inhibitors (DTIs) being developed for the prevention and treatment of thromboembolic disorders. Exanta (ximelagatran) is approved in EU for the prevention of venous thromboembolic events in elective hip or knee replacement surgery.

With corporate headquarters situated in the UK, AstraZeneca has research and manufacturing sites all over the world. The R&D headquarters for Cardiovascular Medicine is situated in Mölndal, Sweden.

COMPANY INFO:

AstraZeneca
S-431 83 Mölndal
Sweden
Tel: +46 31 7761000 Fax: +46 31 7763784
www.incirculation.net, www.astrazeneca.com

B. BRAUN - AESCULAP

BOOTH # 2.016 - HALL 2

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 the orthopaedics implants and surgery. In close collaboration with clinical authors, implants and handling orientated instruments are conceived. Aesculap combines its core competence in surgical instruments 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 dictates.

COMPANY INFO:

Aesculap Ag & Co. KG
Am Aesculap-Platz
78532 Tuttlingen
Germany
Tel: +49 7461 95-0, Fax: +49 7461 95-2600
e-mail: information@aesculap.de
www.aesculap.de

BAUERFEIND

BOOTH # 1.014 - HALL 1

PROFILE:

The Company Bauerfeind with more than 70 years of experience is one of the first Companies offering orthopaedics products in the world in the world. With Medical Line, Bauerfeind gives to doctors and specialized technicians well developed concepts for the individual treatment of whatever part of the body. The Companies belonging to the Bauerfeind AG Group are specialized in the fields of Phlebology, Orthopaedics, Foot Orthopaedics and Prosthetics. Bauerfeind Orthopaedics, as market leader, establish new lines in

the field of active bandages and therapeutical orthosis for the treatment of injuries in the different joints. Our objective is a fast recuperation and mobilization of the patients.

COMPANY INFO:

Weissendorferstrasse 5
07937 Zeulenroda
Germany
Tel.: +49 (0) 36628 66 10-01, Tel.: +49 (0) 36628 66 10-99
e-mail: info@bauerfeind.com
www.bauerfeind.com

BIOCOMPOSITES

BOOTH # 2.005 – HALL 2

PROFILE:

Biocomposites engineers high purity synthetic, calcium based, composite surgical implants and materials, used globally by surgeons to treat fractures, bone disease and sports injuries.

The company's core technologies include innovative materials and devices which are absorbed by the body's tissues, providing an osteoconductive matrix for the in-growth of blood vessels and osteogenic cells.

Our products include synthetic bone graft materials Allogran-N(r), Allogran-R(r), and Stimulan(r), in addition to internal fixation devices such as Bilok(tm) and Biosteon(tm). This year, Biocomposites will showcase the Little Graftor(tm) Screw system, a unique fully absorbable compression screw representing a new concept in small bone fixation.

COMPANY INFO:

Keele Science Park, Keele
Stoke-on-Trent
ST5 5NL Staffordshire
United Kingdom
Tel.: +44 1782 33 85 80, Fax: +44 1782 33 85 99
e-mail: info@biocomposites.com
www.biocomposites.com

BIOMET EUROPE

BOOTH # 2.025 – HALL 2

Biomet Europe introduces a number of major new initiatives at EFORT 2005. The Rapid Recovery programme which includes techniques and protocols for reduced stay surgery and faster patient rehabilitation. Minimally Invasive Surgery is a key part of the programme and a complete range of Total Knee.

Total Hip and Total Shoulder systems are displayed together with other new product technologies and innovations.

Supplementing this is information on patient management /education schemes, wound healing and infection control and pain management again for reduced stay surgery.

Please call in for a coffee at our stand (number 2.025 in Hall 2, look forward to seeing you.

COMPANY INFO:

Waterton Industrial Estate
CF31 3XA Bridgend
United Kingdom
www.biometeurope.com

BITE CIC

BOOTH # 2.010 – HALL 2

PROFILE:

BITE CIC is a reputable and independent resource for medical device applied research & development using expertise and facilities based in UK universities.

Operating both in the UK and internationally and controlled through a team of professional project managers, BITE CIC brings together industry, researchers and clinicians to develop the next generation of orthopaedic devices.

BITE CIC represents a valuable expert resource that assures commercial integrity in the important areas of confidentiality, intellectual property, quality, and project management.

COMPANY INFO:

3320 Century Way, Thorpe Park
LS15 8ZB Leeds
United Kingdom
Tel.: +44 (0) 113 284 02 26, Fax: +44 (0) 113 284 02 11
e-mail: info@bitecic.com
www.bitecic.com

COMPANY DESCRIPTIONS AND ADRESSES

BJD – BONE & JOINT DECADE BOOTH # 1.034 – HALL 1

PROFILE:

The Bone and Joint Decade 2000-2010.

Launched in January 2000, the Bone and Joint Decade is an NGO, headquartered in Sweden, comprised of National Action Networks in nearly 60 countries and with the support of more than 750 related organisations worldwide. Its mission is to advance understanding of musculoskeletal disorders worldwide through research and to improve the quality of life for those affected by these conditions. Its scope encompasses conditions associated with musculoskeletal disorders such as joint diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, low back pain, spinal disorders, severe trauma to the extremities, crippling diseases and deformities in children. For more information, visit www.boneandjoint-decade.org.

COMPANY INFO:

For press information:

Ms Sara Martin

BJD Communications Manager

Tel: +32 476 274 325

Email: smartin@skynet.be

For general information:

The Bone and Joint Decade Secretariat :

Department of Orthopaedics

University Hospital

221 85 Lund Sweden

Tel: +46 46 17 71 61

Email: bjd@ort.lu.se

www.boneandjointdecade.org

BRAINLAB AG

BOOTH # 1.003 – HALL 1

PROFILE:

At BrainLAB, we make innovative software for the full spectrum of orthopaedic surgical procedures. Over 1300 hospitals in 63 countries worldwide rely upon BrainLAB's CAS technology to help them provide a higher standard of care for their patients and set themselves apart as health care leaders. BrainLAB provides strength in numbers, with more partners for an open platform approach, excellent service and a firm commitment to CAS.

Come see our innovative CAS portfolio including THR navigation, TKR navigation, Resurfacing navigation, Trauma navigation, ACL navigation and much more.

COMPANY INFO:

Ammerthalstrasse 8

85551 Heimstetten

Germany

Tel: +49 (89) 99 15 68-0, Fax: +49 (89) 99 15 68-33

e-mail: sales@brainlab.com

www.brainlab.com

CERAMTEC AG

BOOTH # 2.022 – HALL 2

PROFILE:

CeramTec is an international leading supplier of technical ceramics and specialises on the development, the production and distribution of innovative products made from ceramic materials. Major markets include the electronics, telecommunications, automotive, medical, machinery, metalworking, electrical and chemical industries. One core competence lies on medical applications:

Alumina ceramic ball heads and inserts (BIOLOX(r) forte) and composites (BIOLOX(r) delta) for hip arthroplasty as well as ceramic parts for knee arthroplasty.

COMPANY INFO:

Innovative Ceramic Engineering

Medical Products Division

Fabrikstrasse 23-29

73207 Plochingen

Germany

Tel: +49 7153 611 513, Fax: +49 7153 611 496

e-mail: p.silberer

www.biolox.com

CH MEDICAL LTD

BOOTH # 2.034 – HALL 2

PROFILE:

C.H. Medical is exhibiting the full range of Mennen Clamp-On Plates which address the biological needs of bone fracture healing and offer significant reduced healing times. Designed to achieve true minimum contact with bone Mennen Plates are particularly

suitable for osteoporotic bone and the elderly patient in the upper and lower limb.

We look forward to welcoming delegates to Stand 2.034.

COMPANY INFO:

8, Oak Tree Place
Matford Business Park
Exeter Devon EX2 8WA
United Kingdom
Tel: +44 (0) 1392 824 668, Fax: +44 (0) 1392 823 147
e-mail: sales@chmedical.com
www.chmedical.com

CITIEFFE

BOOTH # 2.032 - HALL 2

PROFILE:

Citieffe is an Italian manufacturer since 1963. The devices that we produce are distinguished by their quality, design and technological content. The latest products introduced in our markets are a new external fixation line an innovative nailing system for femoral lateral neck fractures.

COMPANY INFO:

Via Armaroli, 21
40012 Calderara di Reno (BO)
Italy
Tel.: +39 051 72 18 50, Fax: +39 051 72 18 70
e-mail: citieffe@citieffe.com
www.citieffe.com

CORIN GROUP PLC

BOOTH # 2.013 - HALL 2

PROFILE: Key to Corin's success in supplying orthopaedic implants to the worldwide market for 20 year's has been the company's differentiation from most of its competitors by its strong focus on providing solutions for the treatment of the young arthritic patient. From early involvement in the development of mobile bearing knees to pioneering the modern generation of metal-on-metal hip systems, Corin has been intimately involved in some of the most important technological developments in orthopaedics over the past two decades.

COMPANY INFO:

The Corinium Centre
Cirencester
GL7 1YJ Gloucestershire
United Kingdom
Tel: +44 1 285 659 866, Fax: +44 1285 658 960
www.corin.co.uk

DE SOUTTER MEDICAL LTD

BOOTH # 1.015 - HALL 1

PROFILE:

De Soutter Medical announces the launch of the innovative MDX-600 Cordless modular power tool system for orthopaedics and trauma, available in both aseptica and autoclavable battery versions.

Visit our stand and be impressed by the versatility, size and power of this truly state of art, machine washable system which is backed by over 50 years of manufacturing excellence in surgical power tools and is covered by our no-nonsense guarantee and unparalleled after sales service.

Also exhibited will be the EPV-200 micro pneumatic modular system plus the popular MPX-500 pneumatic modular system and the MPZ-400 mini pneumatic modular system.

COMPANY INFO:

River park, Billet Lane
Berkhamsted, HP4 1HL
United Kingdom
Tel.: +44 (0) 1442 860 300, Fax: +44 (0) 1442 860 333
www.de-soutter.com

DEPUY INTERNATIONAL LIMITED

BOOTH # 2.015 - HALL 2

PROFILE:

DePuy will be exhibiting the new and exciting DePuy ASR (tm) system (Articular Surface Replacement). The DePuy ASR (tm) system is indicated for partial or total articular surface replacement of the hip in patients with severe pain and disability.

In addition, the Ci (tm) system for Computer Assisted Surgery will be shown in conjunction with the very latest MITKR instrumentation. Designed with the surgeon in mind, it offers unrivalled benefits that deliver superior surgical outcomes, both in terms of performance and longevity.

COMPANY DESCRIPTIONS AND ADRESSES

COMPANY INFO:

Number one, White Rose Office Park
Leeds LS11 8DT
United Kingdom
Tel: +44 113 38 77 800, Fax: +44 113 38 77 886
e-mail: ksmith35@dpygb.jnj.com
www.jnjgateway.com

DJ ORTHOPEDICS

BOOTH # 1.008 – HALL 1

PROFILE:

dj Orthopedics is a global orthopedic sports medicine company specializing in the design, manufacture and marketing of products and services that rehabilitate soft tissue and bone, help protect against injury and treat osteoarthritis of the knee. Its broad range of over 600 existing products, many of which are based on proprietary technologies, includes rigid knee braces, soft goods, specialty and other complementary orthopedic products. These products provide solutions for patients and orthopedic sports medicine professionals throughout the patient's continuum of care.

COMPANY INFO:

Dj Orthopaedics Europe
8, the pines Business Center
Broad street
Guildford GU3 3 BH
Surrey
United Kingdom
Tel: 00 44 1 483 469 659, Fax: 00 44 1 483 469 470
www.djortho.co.uk

EFORT – EUROPEAN FEDERATION OF ORTHOPAEDICS AND TRAUMATOLOGY

BOOTH # 1.035 – HALL 1

PROFILE:

EFORT stands for the European Federation of National Associations of Orthopaedics and Traumatology. The federation links 37 National Orthopaedic Associations, and 19 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 communi-

cates 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 bi-annual congresses which attracts 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:

EFORT
Freihofstrasse 22
CH-8700 Küsnacht
Switzerland
Tel: +41 44 931 3225, Fax: +41 44 931 3223
e-mail: office@efort.org
www.efort.org

EHS – EUROPEAN HIP SOCIETY

BOOTH # 1030 – HALL 1

PROFILE:

The EHS has become an important specialty society of Orthopaedics in Europe. Turkey as a European country has been a part of this endeavor since its beginning. Therefore, it is a great pleasure to invite you to the 7th Domestic Meeting of the European Hip Society to be held at the Turkish Riviera. We are looking forward to providing an environment for achieving our goals of education, scientific excellence, and discussion. Antalya, the largest city of the Turkish Riviera has an excellent international airport, the delicious Mediterranean cuisine and fabulous hotels. In addition to its intrinsic charms, Antalya is close to the ancient cities of Perge, Aspendos, Phaselis and Thermessos. After lengthy discussions on the science of the hip, you can relax and enjoy the Turkish Riviera that will treat you to a surprise.

7TH DOMESTIC MEETING OF THE EUROPEAN HIP SOCIETY

31 MAY - 4 JUNE 2006, ANTALYA, TURKEY

ELSEVIER
BOOTH # 1.032 – HALL 1

PROFILE:

Elsevier is a world-leading multiple media publisher of superior STM information products and services. Please visit the Elsevier booth in the exhibit area to pick up free sample copies of journals such as Current Orthopaedics, Injury, and the Journal of Biomechanics. Also on display will be an extensive selection of key book titles amongst others the latest edition of Green's Operative Hand Surgery, Campbell's Operative Orthopaedics 10th Edition, Textbook of Arthroscopy, Review of Orthopaedics 4th Edition, The Shoulder 3rd Edition and many more.

www.elsevier.com / www.elsevierhealth.com

COMPANY INFO:

Radarweg 29
1043 NX AMSTERDAM
THE NETHERLANDS
Tel.: +31 - (0)20 - 485 3310
Fax: +31 - (0)20 - 485 3249
www.elsevier.com
www.elsevierhealth.com

ENCORE MEDICAL
BOOTH # 2.027 – HALL 2

COMPANY INFO:

IMPLANTS:

Knee: EPIK(tm), Foundation(r), 3DKnee(tm)
Hip: Foundation(r), Revelation(r), Linear(r), Vitality(r),
Keystone(r)Keramos(tm) Ceramic-on-Ceramic, FMP(r)
Metal-on-Metal, Imin Modular Hip Series, ALFA II, CLP
Shoulder: Foundation(r), Reverse Shoulder
Trauma: True/Flex(r) fixation, True/Lok(r) external fixator
Spine: PASS(tm), Cyclone(tm) cervical plate, MEH-4(tm)
Corpectomy, VariFix, VariLift, VariGrip.

COMPANY INFO:

9800 Metric Boulevard
78758 Austin, Texas
USA
Tel: +1 512 832 9500, Fax: +1 512 834 6356
e-mail: bryan_monroe@encoremed.com
www.encoremed.com

EPM ENDO PLANT MÜLLER GMBH
Booth # 4.011 – Hall 4

PROFILE:

Endoplant Group was founded on 1994 by physicians from the endoprosthetic department of the University Hospital at GAP, Germany for development of innovative products in the field of endoprosthetics, focused on the user and the well-being of the patient. In the age of space research and MIS, we intend to close the chapter of "cheese-graters". The acetabular "EndoReamer" is unrivalled from a medical, scientific and technological point of view. EndoDriver stem extractor used since 1993, in more than 400 hospitals in Germany. 10 years of cooperation with UH of GAP and Munich, Duke N.C. and SOTE Budapest.

COMPANY INFO:

Weibersweg 9b,
63839 Kleinwallstadt
Germany
Tel: +49 602 225 419, Fax: +49 602 224 904 / +49 602 225 419
e-mail: mueller@endoplant.com
www.endoplant.com

FH ORTHOPEDICS
BOOTH # 1.024 – HALL 1

PROFILE:

FH orthopedics is the subsidiary of Fournitures Hospitalières SA dedicated to develop, produce and market orthopaedic implants using advanced surgical techniques and instrument sets. Fournitures Hospitalières SA benefits from more than 40 years experience in medical supply. Its main fields are orthopaedic, Trauma and Cardio-vascular surgery.

In 2005, FH orthopedics has more than 30 years experiences in orthopaedic surgery and some of its actually promoted implants have more than 18 years follow-up with excellent survival ship and results. FH orthopedics products are available in more than 30 countries including the major European countries, USA, Turkey, Australia and South Africa. FH orthopedics welcomes candidate distributors at the EFFORT 2005 at booth n° 1.024.

COMPANY DESCRIPTIONS AND ADDRESSES

COMPANY INFO:

Za Mulhouse
BP 9
68990 Heimsbrunn
France
Tel: +33 389 81 90 92, Fax: +33 389 81 80 11
e-mail: orthopedie@f-h.fr
www.f-h.fr

FINE TUBES LTD BOOTH # 1.007 – HALL 1

PROFILE:

The latest innovations in titanium alloys (TiAl 4V, TiAl 7V, Ti3Al 3.25V) used for cannulated bar applications within the trauma implants product market will be available in addition, Fine Tubes will present its full range of medical application products including stents (stainless steel, L605, MP35N) and instruments.

COMPANY INFO:

Estover Works
Plymbridge Road, Plymouth
Devon PL6 7LG
United Kingdom
Tel: +44 (0) 1752 697 212, Fax: +44 (0) 1752 733 212
e-mail: bschadow@fine-tubes.co.uk
www.finertubes.com

FINSBURY ORTHOPAEDICS LTD BOOTH # 2.012 – HALL 2

PROFILE:

Finsbury continues its tradition of setting the standards in metal on metal technology with the introduction of the APEDT(r) Hip System. This new product group complements the current implant range which includes the DBK Dual Bearing Knee and the MRK Medial Rotation Knee.

COMPANY INFO:

13 Mole Business Park, Randalls Road
Leatherhead, Surrey, KT22 0BA
United Kingdom
Tel: +44 (0) 1372 360830, Fax: +44 (0) 1372 360779
e-mail: info@finsbury.org
www.finsbury.org

GMREIS BIOLOGICA

BOOTH # 1.022 – HALL 1

PROFILE:

GMReis Biological is a Brazilian industry of orthopedic products that started producing in 1989, in Campinas - S.Paulo - Brazil. GMReis produced three different Lines: Orto/Trauma, Spine and Biological. Using the most modern technological methods and using raw materials imported from EEUU.

There are considered as very important products in Trauma Line: The PBA Plates, modern technology of Autoblocking plates and Locking screws manufactured in Titanium. The Interlocking Nails Line: Proximal Translock, Tibial, Humerus and Retrofix Tibiotarsic Nail. All them Plates and Nail manufactured in Titanium.

Spine Line that include Fixation systems. Cages and Plates for lumbar and cervical using Titanium and PEEK. Vertebroplasty systems is also an important system. Biological offers Bone graft substitutes no animal components. They use exclusively Sulphate of Calcium Medical Grade: NEW OSTEO. Or _TCP: SPONJOSA. Last launching system is OSTEOGENICA, a bone marrow filtration system to separate mesenchymal osteoprogenitor cells.

COMPANY INFO:

Rua Antônio Carlos Sebastião, 120
Jardim Nova Mercedes
CEP 13053-504 Campinas S.P.
Brazil
Tel: +55 19 3765 9900, Fax: +55 19 3765 9908
e-mail: gmreis@gmreis.com.br
www.gmreis.com.br

GELITA HEATH INITIATIVE

BOOTH # 1.019 – HALL 1

PROFILE:

The GELITA Health Initiative (GHI) was created by the GELITA Group, the leading worldwide manufacturer of gelatine and collagen hydrolysate. The objective of the GHI is to promote collagen hydrolysate research in the area of degenerative joint diseases. GELITA has been supporting scientific research of collagen hydrolysate and its beneficial effects since the late 1970s. Since 2004, the subsidiary GELITA Health Product GmbH has been offering a ready-to-drink dietary supplement in German pharmacies. It contains the specially developed collagen hydrolysate CH alpha(r) in the recommended daily dose and was especially designed to protect and regenerate stressed joint cartilage.

COMPANY INFO:

Uferstarsse, 7
69412 Eberbach
Germany
Tel: +49 (0) 6271 842 190, Fax: +49 (0) 6271 842 718
e-mail: michael.teppner@dgfsss.com
www.gelita-health-inniative.com

GENZYME**BOOTH # 2.008 – HALL 2****PROFILE:**

Pratice your intra-articular injection technique on our "virtual Hip" simulator and discuss the benefits of Synvisc(r) for your OA patients on stand 2.008 in Hall 2.
Synvisc is effective in all disease stages and one Synvisc course can relieve the pain and immobility of Knee OA for up to 12 Months. Proven to offer significantly longer clinical benefit than IA steroids, and safer than NSAIS's, viscosupplementation with Synvisc is ideal for patients whose symptoms are not controlled by pharmaceutical therapies, where NSAISs are contraindicated, or where surgery should be delayed or avoided.

COMPANY INFO:

4620 Kingstate - Cascade Way
Oxford Business Park South
Oxford OX4 2SU
United Kingdom
Tel: +44 (0) 1865 405 200, Fax: +44 (0) 1865 774 172
E-mail: louise.raeside@genzyme.com
www.synvisc.com

GLAXO SMITH KLINE**BOOTH # 4.002 – HALL 4****PROFILE:**

GlaxoSmithKline (GSK) is a world leading research-based pharmaceutical company with a powerful combination of skill and resources that provides a platform for delivering strong growth in today's rapidly changing healthcare environment.
GSK's mission is to improve the quality of human life by enabling people to do more, feel better and live longer.

COMPANY INFO:

Thrombosis Centre of Excellence
Laboratoire Glaxo Smith Kline
100, Route de Versailles
78163 Marly-Le-Roy Cedex
France
Tel: +41 79 371 6220, Fax: +33 139 178 048
e-mail: nils.n.holler@gsk.com
www.gsk.com

GROUPE LÉPINE**BOOTH # 4.007 – HALL 4****PROFILE:**

Since 1714 , LEPINE has been represented by a lineage of French surgical material and instruments manufacturers. Now, GROUPE LEPINE activities are focused on the manufacture and worldwide distribution implants for joints replacement. The GOUPE LEPINE implants are known for their high quality and their ergonomic instrumentation, as the NEW WAVE knee replacement implants, as well as the INTEGRA hip revision system. This know-how is materializes by a rigorous quality system allowing all the certifications: CE marks, ISO 13485 and FDA approvals. Its competing sales policy made GROUPE LEPINE a major actor in the joint replacement field and a business partner.

COMPANY INFO:

44, rue Saint-Isidore
Boîte postale 3008
69394 Lyon Cedex 03
France
Tel: +33 (0) 4 72 33 02 95, Fax: +33 (0) 4 72 13 55 00
e-mail: info@groupe-lepine.com
www.groupe-lepine.com

COMPANY DESCRIPTIONS AND ADRESSES

GRUPPO BIOIMPIANTI BOOTH # 2.009 – HALL 2

PROFILE:

Gruppo Bioimpianti is an Italian manufacturer who sells his own products in more than 25 countries all over the world providing also a post-selling technical and scientific assistance. Gruppo Bioimpianti produce top high quality hip-prostheses, tumoral prosthesis, revision, intramedullary locked nails for femur tibia and humerous, osteosynthesis and more. Latest developments in hip revision replacement will be shown.

COMPANY INFO:

Via Liguria, 28
20068 Peschiera Borromeo (MI)
Italy
Tel: +39 02 51 65 03 71, Fax: +39 02 51 65 03 93
e-mail: info@bioimpianti.it
www.bioimpianti.it

HALLUFIX GMBH & CO.KG BOOTH # 4.008 – HALL 4

PROFILE:

The Hallufix GmbH&Co.KG introduces a dynamic day and night comfort splint that is designed for correcting the valgus positioning of the toe. A worldnew construction of a hallux valgus splint that can be worn even during daytime while walking. Studies indicate that it is the first conservative aid that helps effectively to correct the malpositioning of the toe. Results of studies will be presented at the congress relating to pre- and postoperative treatments.

COMPANY INFO:

Porstendorfweg 9A
6370 Kitzbuehel
Austria
Tel: +49 89 9605 6647, Fax: +49 89 9605 6649
e-mail: johannagoede@hallufix.org
www.hallufix.org

HAND INNOVATIONS EUROPE BOOTH # 2.042 – HALL 2

PROFILE:

Hand Innovations has established itself as a technological leader in the marketplace through proprietary products and innovative technologies. The company designs, develops, and markets surgical implants to repair fractures of the forearm and the hand. Since its inception, Hand Innovations has focused its efforts on the upper extremity surgery market. Presently the company distributes the following three families of products: The Distal Radius Fixation System - Consisting of the DVR plate (the original volar locked fixed angle designed for dorsal fractures) and the DNP plate (a minimally invasive dorsal endoplate) the Small Bone Fixation System (a percutaneous locked intramedullary nail for metacarpal and phalangeal fractures) and The Proximal Humerus Locking Plate.

COMPANY INFO:

Av. Diagonal, 477, 19-C
8036 Barcelona
Spain
Tel: +34 93 363 55 66, Fax: +34 93 444 03 03
e-mail: lcanovas@handinnovations.com
www.handinnovations.com

I.T.S. IMPLANT TECHNOLOGIE SYSTEMS BOOTH # 1.017 – HALL 1

PROFILE:

Our company I.T.S. Implant-Technology-Systems is an Austrian company based in Graz. We develop and produce innovative trauma implants.

The best way to predict future is to invent it.
Com and see the future at our booth nr 1.017

COMPANY INFO:

Autal 28
8301 Lassnitzhöhe
Austria
Tel: +43 316 211 21 0, Fax: +43 316 211 21 20
e-mail: office@its-implant.com
www.its-implant.com

INION LTD
BOOTH # 2.020 - HALL 2

PROFILE:

Inion is a Finnish company that specializes in the development of biodegradable medical implants, a fast-growing segment of the global orthopaedics, sports medicine, CMF and dental markets. This growth is being driven by an on-going shift from metal implants to biodegradable 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. The implants are used to enhance the healing of skeletal (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,4
33520 Tempere
Finland
Tel: +358 3 230 66 00, Fax: +358 3 230 66 01
e-mail: info@inion.com
www.inion.com

INOMED ENGINEERING SWITZERLAND
BOOTH # 1.010 - HALL 1

PROFILE:

Research, development, engineering, manufacturing and distribution of orthopedics instruments and items.

COMPANY INFO:

Mattenstrasse, 2 A
2555 Brügg B. Biel
Switzerland
Tel: +41 (0)32 372 13 80, Fax: +41 (0)32 372 13 81
inomed@bluewin.ch

INVIBIO LTD
BOOTH # 2.029 - HALL 2

PROFILE:

Invibio(r) is a leading provider of biocompatible polyetheretherketone (PEEK) plastics to medical device manufacturers. Invibio is the world-wide manufacturer and distributor of booth PEEK-OPTIMA(r) and PEEK-CLASSIX(tm) polymers, which are ideally suited for medical devices. Invibio's PEEK based polymers are produced at its headquarters and manufacturing facility in the United Kingdom.

COMPANY INFO:

Hillhouse International, Thornton, Cleveleys
FY5 4QD Lancashire
United Kingdom
Tel: +44 (0) 1253 89 77 08, Fax: +44 (0) 1253 89 77 01
e-mail: info@invibio.com
www.invibio.com

IOTA
BOOTH # 1.026 - HALL 1

PROFILE:

Manufacturer and worldwide selling its full range of orthopaedic prostheses, IOTA ORTHOPEDIE(r) is introducing on this booth:

- Hip and cup Prostheses: PAVI(r) articulation (ceramic on ceramic)
- Revision locking stem: CARIATIDE(r)
- Cemented and cementless new rotatory knee prosthesis "ENDURANCE".
- PHOENIX(r) bone allografts from TISSUE BANK OF France(r) for bone filling (chips - complete/partial heads - wedges and its new paste)

COMPANY INFO:

7 Rue de la Robotique
42950 St. Etienne
France
Tel: +33 477 91 30 60, Fax: +33 477 91 30 61
e-mail: christine.etaix@iota.fr
www.iota.fr

COMPANY DESCRIPTIONS AND ADDRESSES

ISOTIS

BOOTH # 1.016 – HALL 1

PROFILE:

IsoTis OrthoBiologics is one of today's leading providers of musculoskeletal regeneration technologies. Created by the merger of U.S.-based GenSci OrthoBiologics and Swiss-Dutch, biomedical company, IsoTis S.A., we combined complementary expertise in natural and synthetic biomaterials, creating one of the largest orthobiologic companies in the world.

Focused solely on the development of products used for musculoskeletal regeneration, we are opening up new avenues of treatment in an industry previously dominated by metal and plastic-based materials. Offering solutions made from biocompatible materials that directly impact tissue repair, our products are at the forefront of what has already become the fastest growing segment of the orthopaedic marketplace.

Publicly traded with a strong financial foundation, we are well-positioned to continue providing patients, surgeons –and our own people – a promising future.

IsoTis OrthoBiologics' growth is spearheaded by a team of industry-trained and experienced executives operating across two continents. Visit www.isotis.com for detailed executive team information.

COMPANY INFO:

Rue de Sebeillon 1
1004 Lausanne
Switzerland
Tel: +41 21 620 60 00, Fax: +41 21 620 60 60
www.isotis.com

JBJS – JOURNAL OF BONE AND JOINT SURGERY

BOOTH # 1.029 – HALL 1

PROFILE:

Come to the JBJS stand and claim your free copy of the latest issue of the Combined Volume of the JBJS on DVD.

We are also offering a 10% discount on direct subscriptions to JBJS during the Meeting and residents/trainees can obtain a 50% discount on the direct subscription rate (with proof of status).

We have all the previous volumes in the European Instructional Course Lectures series for sale.

If you are already a JBJS subscriber, visit our stand to find out about the new features on our website www.jbjs.org.uk and to obtain help in activating your online access.

COMPANY INFO:

22 Buckingham Street
London WC2N 6ET, UK
Tel.: +44 20 7782 0010, Fax: +44 20 7782 0995
www.jbjs.org.uk

JRI LIMITED

BOOTH # 1.018 – HALL 1

PROFILE:

JRI is the leading independent British manufacturer of orthopaedic implants and instrumentation.

Renowned for its Furlong(r) H-A.C. Total Hip replacement, which this year celebrates twenty years of outstanding clinical success, JRI offers a comprehensive range of joint replacement solutions for both hip and knee.

Its proprietary Supravit(r) 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(r) performs and learn why we passionately believe that the Furlong(r) H-A.C. THR offers the realistic prospect of a "Hip for Life" solution for young, active patients.

COMPANY INFO:

8 Broadstone Place
W1U 7EP London
United Kingdom
Tel: +44 (0) 20 7487 4477, Fax: +44 (0) 20 7224 2862
e-mail: jri@jri-ltd.co.uk
www.jri-ltd.co.uk

KARL STORZ GMBH & CO. KG

BOOTH # 2.028 – HALL 2

PROFILE:

KARL STORZ is globally well established in all fields of endoscopy and is market leader in rigid endoscopy. The family held company has a world wide presence of 3000 employees, with its headquarters in Tuttlingen, Germany. KARL STORZ has a tradition of 60 years and is known for its innovative and high quality products. Today's product range also includes fully integrated concepts for OR and servicing.

COMPANY INFO:

Mittelstrasse 9
79532 Tuttlingen
Germany
Tel: +49 7461 708 115, Fax: +49 7161 708 377
e-mail: s.lanzillotti.de
www.karlstorz.de

KYPHON EUROPE
BOOTH # 2.035 – HALL 2**PROFILE:**

The vision of Kyphon is to improve patient Quality Of Life through revolutionising the practice of medicine.
BALLOON KYPHOPLASTY is a minimally invasive orthopaedic procedure to treat Vertebral Compression Fractures.
The 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.

COMPANY INFO:

Leuvensesteenweg 369/6
1932 Zaventem
Belgium
www.kyphon.com

LABORATÓRIOS ROVI
BOOTH # 4.005 – HALL 4**PROFILE:**

Starting from the experience accumulated during more than 50 years dedicated to the research and development of antithrombotics, ROVI has researched and filled for patent new molecules whose therapeutic qualities are being widely recognised by all the scientific community.
Considered as the first second generation LMWH by its distinctive pharmacological properties, BEMIPARINA represents an important innovation in the prophylaxis and treatment of Deep-Vein Thrombosis in all its clinical forms. The acceptance and the success of BEMIPARINA in the international markets and in Spain resulted in the attribution of Prince Filipe's Award for Corporate's Excellency.

COMPANY INFO:

Avenida Defensores de Chaves nr 15, 4º C e D
1000-109 Lisboa
Portugal
Tel: +351 21 3300 477, Fax: +351 21 3300 479
e-mail: geral@rovisa.com.pt
www.rovi.es

LAFITT SA
BOOTH # 2.043 – HALL 2**PROFILE:**

Lafitt, S.A. is a Spanish company specialized on manufacturing and selling orthopaedic implants such as: Hip & Knee protheses, intramedullary nails, compression plates, screws, spinal fixation system, bone cement, femoral heads, etc and all instruments for its surgeries.

COMPANY INFO:

C/ Villa de Bilbao
40 Polígono Industrial Fuente del Jarro
46988 Paterna - Valencia
SPAIN
Tel: +34 96 132 53 04, Fax: +34 96 132 47 20
e-mail: lafitt@lafitt-sa.com
www.lafitt-sa.com

LIDEL, EDIÇÕES TÉCNICAS LDA
BOOTH # 4.010 – HALL 4**PROFILE:**

LIDEL, Edições Técnicas, Lda was founded on March 1963 and began as distributor of medical publishers. With affiliated houses and bookshops in the main Portuguese cities (Lisbon, Oporto and Coimbra). LIDEL has succeeded in obtaining good exclusive representatives of technical books and most of the leading medical publishers entrust LIDEL to represent their companies at the 60/70 Scientific Conferences LIDEL attends every year in Portugal. Besides this activity, 10 years ago LIDEL began its own publishing programme on medicine , promoting local authors.

COMPANY DESCRIPTIONS AND ADRESSES

COMPANY INFO:

Rua D. Estefânia, nr 183 - r/c Dtº
1049-057 Lisboa
Portugal
Tel: +351 213 511 448, Fax: +351 213 577 827
e-mail: lidel@lidel.pt
www.lidel.pt

LIMA-LTO SPA

Booth # 2.033 – Hall 2

PROFILE:

Since 1945, the great orthopaedic experience and the matured in-depth Know-how, have enabled Lima-Lto to be present internationally with a wide range of high-tech TJR products.
Up-to-date technologies and research impulse feature in 2005 one of the most advanced orthopaedic solutions:
SMR, TSA for trauma, election, revision, reversing and tumoral: Delta and Modulus, the THA of the unique 36 head since cup 44 combined with the modular stem solution for morphological-surgical limits; Multigen Plus TKA, one instrumental 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 - Villanova
33030 San Daniele Del Friuli (UD)
Italy
Tel: +39 0432 94 55 11., Fax: +39 0432 94 55 12
e-mail: info@lima.it
www.lima.it

LINVATEC EUROPE

BOOTH # 1.001 – HALL 1

PROFILE:

We have changed our name to ConMed Linvatec(tm). Our commitment to provide superior quality products to medical professional remains.
Please visit our exhibit to see our latest new products; the new Turbo(tm) Shaver Handpiece - the lightest most powerful shaver available.

Ask about the new Pinn ACL(tm) Cross-Pin System or the new Impact(tm) Suture Anchor, both made from our unique self-reinforced bioabsorbable technology.

COMPANY INFO:

Riverside Business Park
Rhine House UNIT 2
Boulevard International 55
1070 Brussels
Belgium
Tel: +32 2 526 05 60, Fax: +32 2 526 05 72
e-mail: international@linvatec.com
www.linvatec.com or www.conmed.com

MATHYS LTD. BETTLACH

BOOTH # 2.031 – HALL 2

PROFILE:

Your European partner in orthopaedics
Since the international internal fixation division of the company was transferred some time ago to its long-standing market partner Synthes, Mathys AG Bettlach has been concentrating completely on the development and manufacture of implants and instrumental for joint replacement in the hip, knee and shoulder. Following its tradition conviction, Mathys AG has placed partnership with European doctors at the centre of its activities. "Your European partner in orthopaedics" is therefore not just a slogan that the company today applies to its comprehensive range of products for orthopaedic surgery.

COMPANY INFO:

Güterstrasse 5
2544 Bettlach
Switzerland
Tel: +41 32 644 1 644, Fax: +41 32 644 1 161
e-mail: info@mathysmedical.com
www.mathysmedical.com

MEDTRONIC EUROPE

BOOTH # 4.004 – HALL 4

PROFILE:

Medtronic Sofamor Danek's Commitment is concentrated on developing new products and services that take quality and cost effectiveness of patient care to an even higher level than before.

These products and services span all Medtronic's strategic areas: Physician Services and Medical Education, Surgical Products, minimal access Spinal Technologies, biological solutions and eBusiness.

COMPANY INFO:

ZAC Paris Nord II
13, rue de la Perdrix
95940 Roissy CDG Cedex
France
Tel: + 33 1 493 88 000
Fax: +33 1 493 88 001
e-mail: david.donnell@medtronic.com
www.sofamordanek.com

MERCK SHARP & DOHME
BOOTH # 4.001 – HALL 4

PROFILE:

ARCOXIA(tm)† (etoricoxib, MSD)

ARCOXIA delivers fast and powerful relief of pain and inflammation, with a broad range of indications, such as acute gouty arthritis, osteoarthritis, and rheumatoid arthritis.

ARCOXIA is a product from Merck Sharp & Dohme, a leading, research-driven pharmaceutical company that discovers, develops, manufactures and markets a broad range of innovative products with the ultimate goal of improving human health.

†Trademark of MERCK & CO., Inc., Whitehouse Station, NJ, USA

COMPANY INFO:

One Merck Drive
Whitehouse Station
P.O. Box 100
08889-0100 New Jersey
USA
Tel: +1 908 423 1000, Fax: +1 908 735 1685
www.merck.com

MTF – MUSCULOSKELETAL TRANSPLANT FOUNDATION
BOOTH # 1.020 – HALL 1

PROFILE:

MTF is the world's largest bone and tissue organization to providing quality tissue through a commitment to excellence, education, research, recovery and care for recipients, donors and their fami-

lies. Our commitment is to safety and quality and the advancements of bone, ligament and cartilage transplantation.

We distribute over 600 types of freeze-dried and frozen processed bone and tissue. MTF offers a comprehensive selection of Musculoskeletal Allograft tissues including Struts, Cancellous Chips, Shafts, Iliac Crest Wedges, Anterior and Posterior Tibialis Tendons, Bone-Tendon-Bone, femoral Heads, Fascia Lata, Menisci, Demineralized Tissues and much more.

MTF is AATB accredited and ISO 9001 certified.

Company Info:

125, May Street
EDISON, NJ 08837
USA
Tel: +1 732 661 2229, Fax: +1 732 661 2572
e-mail: lucinda_calvanese@mtf.org
www.mtf.org

NEWDEAL
BOOTH # 1.025 – HALL 1

PROFILE:

Founded in 1997, Newdeal has developed a strong expertise and innovation reputation for Foot and Ankle orthopaedic solutions. A wide range of implants complemented by unique instrumentation allows Newdeal customers the best choice to address the most complex foot and ankle deformities.

Through the improvement of osteosynthesis system, Surfix has developed a range of innovative products for osteotomies and in the fields of traumatology and paediatric orthopaedic surgery. Since 2004, Newdeal and Surfix are part of Integra LifeSciences group pf companies.

Company Info:

10, place d'helvétie
69006 Lyon
France
Tel: +33 4 37 47 51 51, Fax: +33 4 37 47 51 52
e-mail: newdeal@newdeal.info
www.newdeal.info

COMPANY DESCRIPTIONS AND ADRESSES

ORMED GMBH & CO. KG BOOTH # 2.026 - HALL 2

PROFILE:

ORMED - IDEAS IN MOTION - ORMED GmbH & Co.KG offers a broad range for early rehabilitation. General aim is to shorten the stay in the hospital. Quality in service and performance is our company policy. Since 1996 the company is certified to DIN ISO 9001/EN 46001.

COMPANY INFO:

Merzhauser Str. 112
79100 Freiburg
Germany
Tel: +49 761 4566 01, Fax: +49 761 4566 5501
e-mail: info@ormed.de
www.ormed.de

ORTHODYNAMICS BOOTH # 2.041 - HALL 2

PROFILE:

Custom implants are at the core of Orthodynamics UK based manufacturing facility. Offering a partnership to the surgeon, Orthodynamics can provide "off the shelf" primary (logic) and revision hip implants (canulok), as well as custom designed arthrodesis Knee (Mayday Nail) and revision hip systems.

You will be able to visit us on Hall 2 on stand nº 2.041.

COMPANY INFO:

10 Airfield Road, Christchurch
Dorset, BH23 3TG
United Kingdom
Tel: +44 1202 481 153, Fax: +44 1202 481 150
www.orthodynamics.co.uk

ORTHOFIX INC. BOOTH # 1.009 - HALL 1

PROFILE:

Orthofix offers a comprehensive range of trauma and reconstruction products for orthopaedic surgeons, including the ISKD Limb Lengthener for internal lengthening. The radiolucent, sterile kit packaged XCaliber Fixator, which is available in three configurations:

Periarticular, Meta-Diaphyseal and Articulated Ankle. Also, the Percutaneous Compression Plating System for Pectrochanteric Hip Fractures, a minimally invasive hip fracture fixation device.

COMPANY INFO:

1720 Bray Central Dr.
Mckinney
75069 Texas
USA
www.orthofix.com

ORTHOPAEDICS PRODUCT NEWS BOOTH # 1.027 - HALL 1

PROFILE:

European Orthopaedic Product News is distributed throughout Europe and Scandinavia and has become the leading European orthopaedic publication, enabling medical and surgical personnel to keep up to date on new products and current topics of interest within the industry.

It is devoted to new products and innovations in orthopaedics, including special product feature sections on topics of interest, as well as relevant technical articles. OPN also provides a medium for hospital news, related company news, and details of future events such as major exhibitions and seminars.

For further information, visit Debbie Hall Group Sales & Marketing Manager booth 1.027.

COMPANY INFO:

14 Raglan Street
Harrogate, HG1 1LE, England
United Kingdom
Tel: +44 (0) 1423 569 676, Fax: +44 (0) 1423 569 677
e-mail: editor@opnews.com
www.opnews.com

ORTHOPEDICS TODAY INTERNATIONAL EDITION BOOTH # 1.031 - HALL 1

PROFILE:

SLACK Incorporated, publisher of medical-related journals, invites you to visit booth # 1.031 to get your complimentary issue of Orthopaedics Today International Edition - Global News in Musculoskeletal Health & Disease - the only newspaper serving the global orthopaedic community. It covers news of the latest

studies and techniques in orthopaedic surgery and updates from scientific meetings around the world. Also see Orthopedics and The Journal of Knee Surgery. Sign up for our free news wire service at ORTHOSuperSite.com.

COMPANY INFO:

SLACK Incorporated
6900 Grove Road
Thorofare,
New Jersey 08086-9447
U.S.A

Tel: +1 856 848 1000, Fax: +1 856 848 6091 or +1856 848 3055

OST DEVELOPEMENT

BOOTH # 1.023 – HALL 1

COMPANY INFO:

15 Rue Georges Besse
63017 Clermont Ferrand
France
Tel.: +33 4 73 981 428, Fax: +33 4 73 981 429
e-mail: info@ost-dev.com

PARAGON MEDICAL EUROPE

Booth # 1.004 – Hall 1

PROFILE:

Instrumental in your success.

Single source turnkey surgical instrumentation, implantable component and delivery system solution. UniGraphics certified engineers, rapid prototyping, virtual information transfer, vertical integration and experience allow us to adapt our services to support your strategic needs with innovative solutions. US and European offices. FDA 510 (k) cleared delivery system. ISO 9001:2000 certified.

COMPANY INFO:

Av. Gratta-Paille 2
P.O.Box 506
1000 Lausanne 30
Switzerland
Tel: +41 21 641 18 70, Fax: +41 21 641 18 71
e-mail: international.info@paragonmedical.com
www.paragonmedical.com

PERMEDICA SPA

BOOTH # 2.007 – HALL 2

PROFILE:

Permedica is a manufacturing company of medical devices for orthopaedic surgical applications. The commitment to excellence to excellence in R&D, manufacturing and marketing of leading-edge joint replacement products are the basis of the company's expansion. Quality, service, flexibility and production are the key elements to guarantee the company's engagement to continuous improvement and search for the future success.

COMPANY INFO:

Via COMO 38
23807 Merate
Italy
Tel: +39 039 990 6795, Fax: +39 039 990 3078
e-mail: info@permedica.com
www.permedica.com

PETER BREHM GMBH

BOOTH # 1.006 – HALL 1

PROFILE:

The company Peter Brehm GmbH has got its emphasis on hip revision-, spine- and knee prosthesis. Being a market leader in the modular revision hip surgery in Germany, this innovative company can also provide all kinds of excellent quality implants in endoprosthesis and traumatology/osteosynthesis.

COMPANY INFO:

Am Mühlberg 30
91084 Weisendorf
Germany
Tel: +49 9135 7103-0, Fax: +49 9135 7103-45
e-mail: info@peter-brehm.de
www.peter-brehm.de

COMPANY DESCRIPTIONS AND ADDRESSES

PFIZER INC. BOOTH # 2.036 - HALL 2

PROFILE:

Pfizer Inc discovers, develops, manufactures and markets leading brand prescription medicines for humans and animals and many of the world's best-known consumer brands. Our innovative, value-added products improve the quality of life of people around the world and help them enjoy longer, healthier and more productive lives.

COMPANY INFO:

235 East 42nd Street
10017 New York
USA
Tel: +1 212 573 23 23
www.pfizer.com

PLUS ORTHOPEDICS AG BOOTH # 2.014 - HALL 2

PROFILE:

For over a decade Plus Orthopedics has focused its activities on the development of implants for hip, knee, shoulder and small joints. Plus Orthopedics implant systems are based on years of close co-operation with experienced physicians, and have been developed through the expertise of their employees. This guarantees the highest quality standards and the continuous further development of the products.

The Plus Orthopedics head office and the production plant are located in Switzerland. Worldwide more than 600 qualified employees work for Plus Orthopedics, approximately 300 in Switzerland.

Plus Orthopedics is using all the resources to make tomorrow's potential available today.

COMPANY INFO:

Erlenstrasse 4a
6343 Rotkreuz
Switzerland
Tel: +41 41 798 41 11, Fax: +41 41 798 41 00
[e-mail: info@plusorthopedics.com](mailto:info@plusorthopedics.com)
www.endoplus.com

PRECIMED SA BOOTH # 2.011 - HALL 2

PROFILE:

PRECIMED develops and manufactures Orthopaedic instruments and full delivery systems. Particular focus is placed on facilitating surgical technique, increasing surgical precision, improving instrument handling and reducing the risk of contamination. The most recent product developments in the area of minimally invasive hip surgery have resulted in the successful launch of the Chana reamer handle and the MPR reamer family.

COMPANY INFO:

L'Echelette 7
2534 Orvin
Switzerland
Tel.: +41 32 358 01 11, Fax: +41 32 358 01 00
[e-mail: f.aeberli@precimed.com](mailto:f.aeberli@precimed.com)
www.precimed.com

RSA BIOMEDICAL AB BOOTH # 2.002 - HALL 2

PROFILE:

We offer UmRSA(r) - a complete system for RSA(r) measurements in three-dimensional with high precision and accuracy. We also offer mdesk(tm) orthopaedics, a measurement and pre-operative planning system in a digital environment.

COMPANY INFO:

Tvistevägen 47
903 36 Umea
Sweden
Tel: +46 90 154 943, Fax: +46 90 154 932
[e-mail: info@rsabiomedical.se](mailto:info@rsabiomedical.se)
www.rsabiomedical.se

SAMO SPA BOOTH # 2.037 - HALL 2

PROFILE:

S.A.M.O. is a long-established Italian Company manufacturing implantable medical devices for Orthopaedics and Traumatology. The experience achieved in many years of activity allows a wide offer of products, ranging from the simplest screws to custom-

made endo-arthroprostheses. A special attention is given to quality of materials and manufacturing practice, in compliance with ISO 9001 and ISO 13485 certifications, and as a consequence SAMO products are very top level ones.

In its effort to maintain and increase such high standards, SAMO takes part in research projects in co-operation with other Italian and European and University centres.

COMPANY INFO:

Via Giacomo Matteoti, 37
40057 Cadriano, Granarolo Emilia (BO)
Italy
Tel: +39 051 763 811, Fax: +39 051 766060
e-mail: info@samobiomedica.com
www.samobiomedica.com

SANATMETAL LTD

BOOTH # 1.021 – HALL 1

PROFILE:

Sanatmetal offers full range of trauma products (screws, plates, nails). The worldwide unique intramedullary nailing systems for the femur and tibia are sold with special distal aiming devices, for femoral neck fractures the easy-to-use double screw fixation is offered. All trauma implants are made of stainless steel and titanium. In the field of orthopaedics Sanatmetal manufactures semi-rigid systems for spine fixation and hip prosthesis in cemented and cementless versions.

COMPANY INFO:

3300 Eger
Faiskola u.5.
Hungary
Tel: +36 36 512 900, Fax: +36 36 512 932
e-mail: metal@sanatmetal.hu
www.sanatmetal.hu

SAWBONES

BOOTH # 2.023 – HALL 2

PROFILE:

For three decades, we, the originators, continue to be the leader in medical models for orthopaedics and medical education. Our models are developed for use in motor skills exercises where a realistic artificial anatomical model is required for the "hands-on" teaching

of surgical procedures. In addition to a product line of over 3000 models for hands-on training, we offer a complete range of models to enhance the world of medical education, product demonstration and patient awareness. We are specialists in customizing products after your company's specifications. Get in touch and let us be your right hand. SAWBONES®

COMPANY INFO:

Krossverksgatan, 3
216 16 Limhamn
Sweden
Tel.: +46 40 650 70 00, Fax: +46 40 650 70 01
e-mail: info@sawbones.se
www.sawbones.se

SIEMENS MEDICAL SOLUTIONS

BOOTH # 4.006 - HALL 4

PROFILE:

Siemens Medical Solutions is one of the world's largest suppliers to the healthcare industry. The company is known for developing innovative medical technologies, healthcare information systems, management consulting, and support services, to help customers achieve tangible, sustainable, clinical and financial outcomes. From imaging systems for diagnosis, to radiotherapy and patient monitoring equipment and beyond , while improving operational efficiencies and optimizing workflow in hospitals and clinics (IT systems), Siemens innovations contribute to the health and well-being of people across the globe.

COMPANY INFO:

Estrada Nacional 107, nr 3570, Freixieiro
4456-901 Perafita
Portugal
Tel.: +351 (22) 999 2196, Fax: +351 (22) 999 2001
e-mail: bmoffice@siemens.com
www.siemens.pt

SMITH & NEPHEW, INC.

BOOTH # 1.005 - HALL 1

PROFILE:

Smith & Nephew Orthopaedics is a global provider of leading-edge joint replacement systems for knees, hips, shoulders and trauma products to help repair fractured bones and a range of other med-

COMPANY DESCRIPTIONS AND ADRESSES

ical devices to help alleviate pain in joints and promote healing. Smith & Nephew Endoscopy is the global leader for surgical techniques that reduce trauma and pain to the patient, reduce cost to healthcare systems and provide better outcomes for surgeons.

COMPANY INFO:

1450 Brooks Road
38116 Memphis, Tennessee
USA
www.smith-nephew.com

SPOT - SOCIEDADE PORTUGUESA DE ORTOPEDIA E TRAUMATOLOGIA
BOOTH # 4.012 - HALL 4

PROFILE:

SPOT - Sociedade Portuguesa de Ortopedia e Traumatologia (Portuguese Society of Orthopaedics and Traumatology) SPOT was created in 1947 and is the organization which represents the Portuguese Orthopaedic Surgeons, and has its headquarters in the beautiful city of Lisbon, in the former location of EXPO 98. Currently we have a total of 620 active members. SPOT has nine specialty sections: Paediatrics, Spine, Hip, Knee, Biomechanics, Tumours, Hand, Elbow and Forearm, Foot.

SPOT's main purpose is to provide a means for the Continued Education of its members as well as to be their voice in this time of turmoil due to the changes in contracts, and changing relationship between the government and the physicians.

The President of SPOT for 2005 is also the Chairman of the Local Organizing Committee of the 7th EFORT Congress - Dr. Manuel Cassiano Neves.

COMPANY INFO:

Rua dos Aventureiros, Lote 3.10.10 - Loja B
Parque das Nações
1990-024 Lisboa
Portugal
Tel: +351 21 895 86 66, Fax: +351 21 895 86 67
e-mail: spot@mail.telepac.pt or spot@spot.pt
www.spot.pt

STRYKER EUROPE
BOOTH # 2.004 - HALL

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 products as well as patient handling and emergency medical equipment.

COMPANY INFO:

Cité-Centre
Grand-Rue 92
1820 Montreux
Switzerland
Tel: +41 21 966 12 01, Fax: +41 21 966 12 00
www.strykereurope.com

SURGIVAL CO.
BOOTH # 2.017 - HALL 2

PROFILE:

SURGIVAL is created in order to manufacture surgical instrumental and implants aimed to specialists in ORTHOPEDIC SURGERY and TRAUMATOLOGY.

SURGIVAL offers a final product manufactured in a completely automated way by using high-technology machinery across the group: production, quality control, packaging... SURGIVAL guarantees a perfect finishing and homogeneous qualities in all its products. SURGIVAS new projects are developed in the I+D department. This projects are born by own initiative, due to the needs of the market or as a result of scientific worries transmitted to us by the PROFESSIONALS OF THE HEALTH.

The objectives foreseen in 1995 are a reality today. SURGIVAL designs, develops, manufactures and distributes all over the world a wide range of products, from GENERAL OSTEOSYNTHESIS to the complete hip systems as SYMHA and KAREY, spinal system as SHERPA, or the UNIBAX intramedullary nail system.

COMPANY INFO:

Parque Tecnológico
c/ Leonardo Da Vinci, 12-14
46980 Paterna (Valencia)
Spain
Tel: +34 96 136 62 66, Fax: +34 96 136 62 66
e-mail: surgival@surgival.com
www.surgival.com

SYNBONE**BOOTH # 2.038 – HALL 2****PROFILE:**

SYNBONE is a young dynamic Swiss company that was founded in 1988 and has since then been producing anatomical teaching models for trauma and orthopaedics surgery. Since 1997 SYNBONE products have become commercially available to everyone and many new models have been added to our range. Providing customers all over the world with a wide range of products while always ensuring that they have the most appropriate models for their needs when and wherever they are needed. Offering the highest quality and the most realistic bone models available for orthopaedic workshops with an unsurpassed standard of customer support.

COMPANY INFO:

Neugutstrasse 4
7208 Malans
Switzerland
Tel: +41 81 300 02 80, Fax: +41 81 300 02 89
e-mail: production@synbone.ch
www.synbone.com

SYNIMED (SYNERGIE INGENIERIE MEDICALE)**BOOTH # 2.039 – HALL 2****PROFILE:**

Synimed is an experimented, fully integrated manufacturer of biomaterials. We have a complete commitment with research and development of quality, easy to use, reliable products.

- Our product range includes:
- Acrylic Bone Cements for Orthopaedics,
- Acrylic Bone Cements for Vertebroplasty,
- Acrylic Bone Cements for Cranioplastics,
- Vertebroplasty application sets.

- Temporary Spacers,**- Mixing and Delivery Systems for Bone Cements****COMPANY INFO:**

Zone Artisanale del Angle 19370
Chamberet
France
Tel: +33 555 98 31 33, Fax: +33 555 98 35 76
e-mail: gguitelman@synimed.com
www.synimed.com

SYNTHERS**BOOTH # 1.012 – HALL 1****PROFILE:**

Syntethes. 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. This year at EFORT Synthes is presenting the latest in orthopaedic technology: the Expert Tibial Nail, the PFNA for proximal femoral fractures, TomoFix for open and closed wedge osteotomies of the proximal tibia and distal femur, and our latest biomaterial products ChronOs, DBX and Norian. We look forward to seeing you at our symposia or welcoming you at the Synthes stand.

COMPANY INFO:

Glutz Blotzheim-Strasse 3
4500 Solothurn
Switzerland
Tel: +41 32 720 40 60, Fax: +41 32 720 40 61
e-mail: hermann.liliane@synthes.com
www.synthes-stratec.com

TAVA SURGICAL**BOOTH # 1.002 – HALL 1****PROFILE:**

Tava Surgical is a sales and marketing arm of the medical manufacturing giant Brasseler USA(tm) Surgical Power and Accessories, a leader in the manufacturing and development of surgical power equipment and accessories including rotary cutters and surgical sawblades for use by Orthopaedic and Neuro Surgeons. We also offer a comprehensive device repair service.

COMPANY DESCRIPTIONS AND ADRESSES

COMPANY INFO:

One Brasseler Blvd.
GA 31 419 Savannah
USA
Tel: +1 912 921 7575
Fax: +1 912 921 25 38
e-mail: customerservice@tavasurgical.com
url: www.tavasurgical.com

TECRES SPA

BOOTH # 2.024 – HALL 2

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 develops and markets also a complete range of pre-formed Spacers, the unique temporary antibiotics-loaded prosthesis for hip and knee two-stage septic revision.

COMPANY INFO:

Via A. Doria, 10
37066 Sommacampagna-Verona
Italy
Tel: +39 0 459 217 311, Fax: +39 0 459 217 330
e-mail: info@tecres.it
www.tecres.it

TELEFLEX MEDICAL

BOOTH # 2.006 – HALL 2

PROFILE:

Teleflex Medical is a pre-eminent global outsource provider focused on orthopaedic instruments and medical devices, including sutures. From concept development to manufacturing solutions, we provide dedicated engineering and technical services to ensure the successful transition from concept through development, manufacturing, and product packaging. Our brands include KMedic and Beere.

COMPANY INFO:

2345 Wallkegan Road, Suite 120
Bannockburn, IL 60015
USA
www.teleflexmedicaloem.com

TORNIER SA

BOOTH # 2.001 – HALL 2

PROFILE:

For 40 years, Tornier has offered its skills and reliable prosthetic solutions, to meet your needs.

It is well known and established all over the world:

- 7 subsidiaries - 5 in Europe, 1 in USA, 1 in Australia and 18 Distributors.

TORNIERS presents:

- A very complete range of SHOULDER prostheses
- 20 years clinical outcomes on our KNEE implants
- A wide range of HIP prostheses - Cups and Stems - to meet the largest number of pathologies.
- Significant experience on the ANKLE prostheses
- Performing optimal approach solutions
- Innovative COMPUTER ASSISTED SYSTEMS on the Hip and the Knee

COMPANY INFO:

161, Rue Lavoisier - Montbonnot
38334 Saint-Ismier Cedex
France
Tel: +33 (0) 4 76 61 35 00, Fax: +33 (0) 4 76 61 35 33
e-mail: cristophe.bruna@tornier.fr
www.tornier.com

TRB CHEMIDICA INTERNACIONAL SA

BOOTH # 1.013 – HALL 1

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(r) is a 0.5% solution of sodium hyaluronate intended for use as a post arthroscopic synovial fluid substitute.
- Ostenil(r) is a course of 3-5 weekly injections (2ml) of 1% sodium hyaluronate indicated for the symptomatic treatment of osteoarthritis.

- Ostenil(r) mini is a course of 1-3 weekly injections (1ml) of 1% hyaluronate indicated for the symptomatic treatment of osteoarthritis of the small joints.

COMPANY INFO:

12, Rue Michel-Servet
P.O. Box 352
1211 Geneva 12
Switzerland
Tel.: +41 22 703 49 00, Fax: +41 22 703 49 01
e-mail: international@trbchemedica.com
www.trbchemedica.com

TRIAD ORTHOPEDIC PRODUCTS INDUSTRIAL CO. BOOTH # 2.003 - HALL 2

PROFILE:

Deltai Medical & Health Articles Co. Ltd supplies perfect products and service in orthopaedic line and daily living aid products. We are the leading professional manufacturer in China with near 30-years experience. We have the ISO 9001 certificate, and our products are CE marked. We trade with our customers throughout the world in the spirit of quality, service and profession.

COMPANY INFO:

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Fax: +86 21 6275 5842, 6275 0182
E-Mail: dazzling@sh163.net
www.triad-orthopedic.com.tw

WALDEMAR LINK GMBH & CO. KG BOOTH # 1.011 - HALL 1

PROFILE:

Link: more than 50 years in endoprosthetics with innovative designs such as the anatomical link(r) lubinus spii(r) hip prosthesis (spectacular results reported by the swedish hip registry), the link(r) endo-model(r) rotational knee prosthesis, the femoral-neck-preserving link(r) c.f.p. Hip stem and the link s.t.a.r.(r) total ankle prosthesis. Early on, link pioneered new developments in revision and tumor surgery. The current link product range includes a wide spectrum 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
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Tel.: +49 40 539 95-0, Fax: +49 40 539 95-313
e-mail: sabrina.voss@linkh.de
www.linkhh.com

WICHTIG EDITORE SRL BOOTH # 1.028 - HALL 1

PROFILE:

Wichtig Editore - Medical Publisher began its activity in 1977, dedicating passion and competence to the publication of widely appreciated scientific journals - which expertly cover the most diverse medical fields, ranging from hip surgery, biometrials, biomechanics and organ transplantation to dialysis, ophthalmology and biological markets. Most of these journals are indexed in important bibliographic databases.

The editorial Boards of these outstanding Journals acknowledge well-known international scientists and it is also thanks to their contributions that Wichtig Editore periodicals are increasingly appreciated world-wide.

www.hip-int.com - www.jabb.biz - www.artificial-organs.com

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www.wichtig-publisher.com

WRIGHT CREMASCOLI ORTHO LTD BOOTH # 2.030 - HALL 2

PROFILE:

Wright Medical is a global orthopaedic Medical device company specialising in the design manufacture and marketing of reconstructive joint devices and biologics.

COMPANY DESCRIPTIONS AND ADRESSES

Wright's product offerings include large joint implants for the hip and knee; extremity for the hand, elbow, shoulder, foot and ankle and both synthetic and tissue - Based bone craft substitute materials.

COMPANY INFO:

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e-mail: glancaster@wcortho.com
www.wmt.com

ZIEHM IMAGING GMBH

BOOTH # 4.009 – HALL 4

PROFILE:

With the competence of more than 3000 systems installed worldwide, Ziehm Imaging GmbH, Founded in 1971 in Nuremberg, is one of the top leading Company producing C-arms, focused on patients, operators and physicians' benefits, providing superior performances, such as an innovative imaging solutions for health-care, ease of use, connectivity and effortless mobility..

Still today, in spite of the common globalization process, Ziehm Imaging maintain its own personality and its specialized management, notwithstanding it is part of the financial private leading group ATON.

Southern Europe is managed by Ziehm Imaging srl, (head office in Reggio Emilia, ITALY).

COMPANY INFO:

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www.ziehm.com

ZIMMER GMBH

BOOTH # 2.018 – HALL 2

PROFILE:

Zimmer is the worldwide #1 pure-play orthopaedic leader in the design, development, manufacture and marketing of reconstructive and spinal implants, trauma and related orthopaedic surgical products. In 2003, the company finalized its acquisition of Centerpulse Ag, a Switzerland-based orthopaedics company and the leader in the European reconstructive market. The new Zimmer is supported by the efforts of more than 6.500 employees in more 24 countries, and sells products in more than 80 countries. Zimmer is listed on the New York (ZMH) and the Swiss Exchange (ZMH). Visit us at www.zimmer.com

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