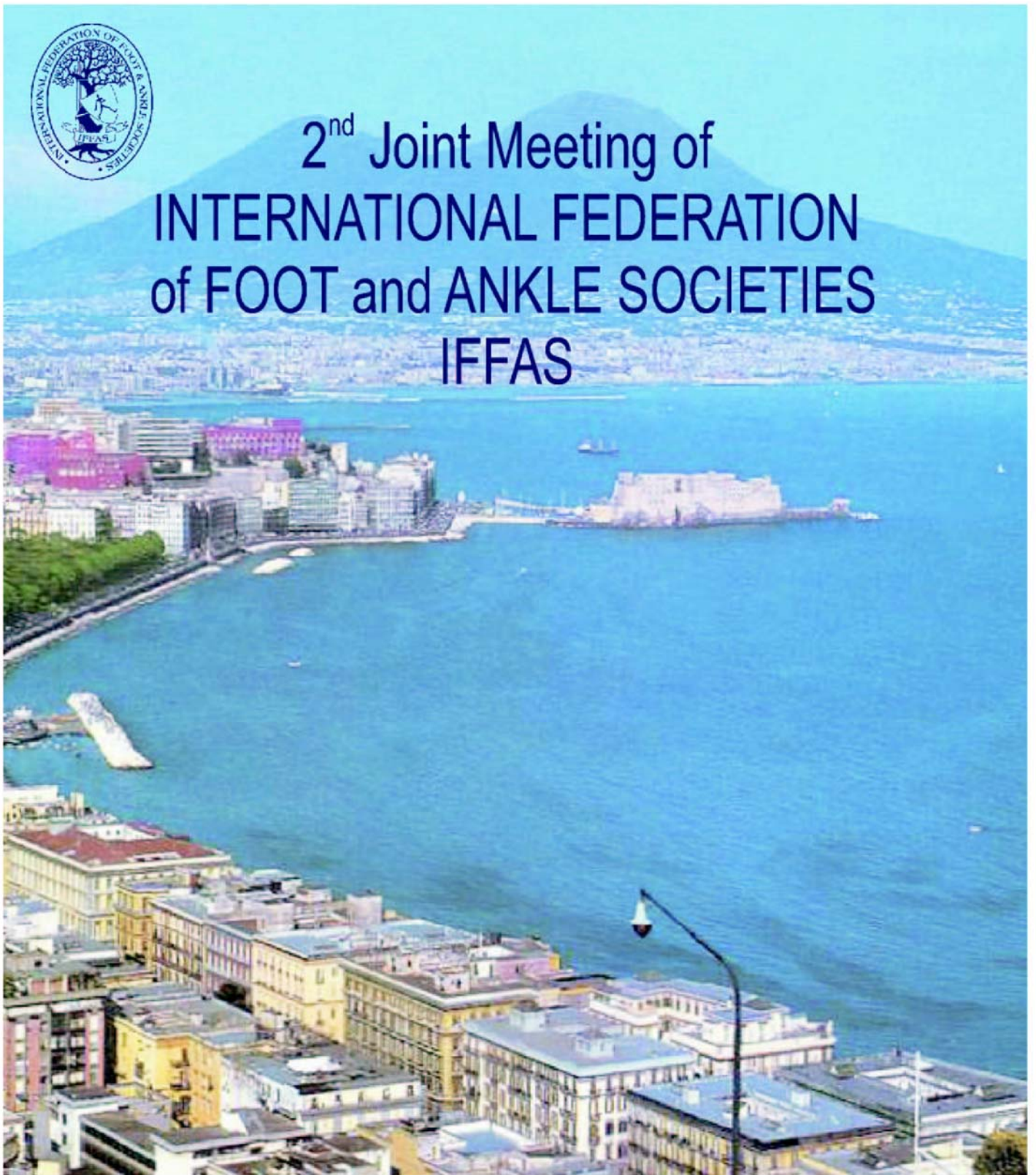




2<sup>nd</sup> Joint Meeting of  
INTERNATIONAL FEDERATION  
of FOOT and ANKLE SOCIETIES  
IFFAS



**Naples, Italy**  
**September 15-18, 2005**

**PRE-FINAL PROGRAM**

## **EFAS Organizing Committee**

**Patrice F. Diebold** (France)  
**Sandro Giannini** (Italy)  
**Hans Heino Kuester** (Germany)  
**Francesco Malerba** (Italy)  
**Ian Winson** (United Kingdom)

### **Local Chairmen**

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**UNDER THE AUSPICES OF:**

**E.F.A.S.**

European Foot and Ankle Society

**S.I.C.P.C.**

Italian Foot and Ankle Society

**S.I.O.T.**

Italian Society of Orthopaedics and Traumatology

**UNIVERSITA' DEGLI STUDI DI BOLOGNA**

## INVITED SPEAKERS/CHAIRPERSONS

HARUHITO AOKI (Japan)  
PAUL H. BENAMOU (France)  
JAMES BRODSKY (USA)  
ROBERTO BUDA (Italy)  
RUGGERO CADOSSO (Italy)  
RANIERI CANCEDDA (Italy)  
FRANCESCO CECCARELLI (Italy)  
STEPHEN CONTI (USA)  
PAUL COOKE (United Kingdom)  
MICHAEL COUGHLIN (USA)  
ANDREA CRACCHIOLO (USA)  
W. HODGES DAVIS (USA)  
MARINO DELMI (Switzerland)  
JAMES DEORIO (USA)  
GRETA DEREYMAEKER (Belgium)  
PATRICE F. DIEBOLD (France)  
ELEFTERIOS DOUNIS (Greece)  
RICHARD FERKEL (USA)  
RENEE FUHRMANN (Germany)  
SANDRO GIANNINI (Italy)  
MARCO GUELFY (Italy)  
SIGVARD HANSEN (USA)  
BEAT HINTERMANN (Switzerland)  
SUGURU INOKUCHI (Japan)  
HAKON KOFOED (Denmark)  
HANS-HEINO KUESTER (Germany)  
PATRICK LAING (United Kingdom)  
ALBERTO LEARDINI (Italy)  
JAN-WILLEM LOUWERENS (The Netherlands)  
ALBERTO MACKLIN VADELL (Argentina)  
BRUNO MAGNAN (Italy)  
FRANCESCO MALERBA (Italy)  
ROGER MANN (USA)  
ANTONIO MORONI (Italy)  
VINCENT MOSCA (USA)  
MARK MYERSON (USA)  
NESTOR HORACIO NATIELLO (Argentina)  
CAIO NERY (Brazil)  
JAMES NUNLEY (USA)  
IN-HEON PARK (Korea)  
GLENN PFEFFER (USA)  
SERGIO RUSSO (Italy)  
OSNY SALOMÃO (Brazil)  
BRUCE SANGEORZAN (USA)  
TERENCE SAXBY (Australia)  
NURI SCHINCA (Uruguay)  
RON SMITH (USA)  
TOM SMITH (United Kingdom)  
MICHAEL STEPHENS (Ireland)  
YOSHINORI TAKAKURA (Japan)  
HAJO THERMANN (Germany)  
DAVID THORDARSON (USA)  
HANS-JORG TRNKA (Austria)  
NIEK VAN DIJK (The Netherlands)  
ANTONIO VILADOT (Spain)  
RAMON VILADOT (Spain)  
ANTONIO VOLPE (Italy)  
SLOBODAN VUKICEVIC (Croatia)  
IAN WINSON (United Kingdom)  
HARUYASU YAMAMOTO (Japan)

# PROGRAM AT A GLANCE

## Thursday, September 15, 2005

time	AUDITORIUM	
14.00-15.50	EARLY VISITORS (Free Papers)	
15.50-18.00	TOTAL ANKLE REPLACEMENT (FP)	
18.00	COFFEE BREAK	
19.00-19.30	OPENING CEREMONY	
19.30-20.30	IFFAS COUNCIL MEETING	

WELCOME COCKTAIL AT PALAZZO REALE  
Transfer from Congress Venue - First bus at 20.30

## Friday, September 16, 2005

time	AUDITORIUM	Mirabilis Hall
8.00-9.20	<b>Symposium: Sequelae of Reconstructive Surgery of Foot and Ankle Fractures</b>	
9.20-10.50	METATARSALGIA AND LESSER-TOES DEFORMITIES (FP)	PEDIATRIC FOOT (FP)
10.50-11.00	COFFEE BREAK	
11.00-12.00	<b>Symposium: Mininvasive Surgery in the Foot and Ankle</b>	
12.00-13.00	<b>Symposium: Surgery of Osteochondral Lesions: Indications and Results</b>	
13.00-13.45	LUNCH	
13.45-16.00	FOOT DEFORMITY AND SOVRASEGMENTARY JOINTS (FP)	FUNCTIONAL ASSESSMENT OF THE FOOT I (FP)
16.00	COFFEE BREAK	
17.00	EFAS General Assembly	

## Saturday, September 17, 2005

time	AUDITORIUM	Mirabilis Hall
8.00-9.50	HALLUX VALGUS I (FP)	OSTEOCHONDRAL LESIONS+MISCELLANEA (FP)
9.50-10.10	COFFEE BREAK	
10.10-11.10	<b>Symposium: Total Ankle Replacement</b>	
11.10-11.20	Outgoing Presidential Speech	
11.20-13.10	TENDONS (FP)	HALLUX RIGIDUS (FP)
13.10-13.30	LUNCH	
13.30-14.50	<b>Symposium: Bone Healing Improvement</b>	
14.50-16.30	LIGAMENTS (FP)	FUNCTIONAL ASSESSMENT OF THE FOOT II (FP)
16.30	COFFEE BREAK	
17.00		FINSBURY WORKSHOP

SOCIAL DINNER

## Sunday, September 18, 2005

time	AUDITORIUM	
8.00-9.50	HALLUX VALGUS II (FP)	
9.50-10.00	COFFEE BREAK	
10.00-11.10	<b>Symposium: Treatment of Non-unions in Foot and Ankle</b>	
11.10-13.30	FRACTURES (FP)	
13.30-13.45	<b>Closing Remarks</b>	
13.45	LUNCH	

Thursday, September 15, 2005

14.00 Free Papers Session: EARLY VISITORS

AUDITORIUM

Modular screw system: Cannulated titanium self-drilling screws with bioresorbable heads for use in foot and ankle surgery  
S.D. Miller (Baltimore, MD USA)

Bunion surgery using locking plate fixation of proximal metatarsal osteotomies  
J. K. DeOrio, J.W. Gallentine (Jacksonville, FL USA)

Use of an external minifixator for displaced articular fractures of the calcaneum  
R. Bortolazzi, B. Magnan, A. Marangon, O. Micale, P. Bartolozzi (Verona, I)

Intraoperative 3-D imaging with a mobile motorized C-arm (ISO-C-3D) in foot and ankle trauma care. Preliminary results of the first 101 cases  
J. Geerling, S. Zech, D. Kendoff, P. Droste, M. Frink, C. Krettek, M. Richter (Hannover, D)

Total ceramic arthroplasty for painful, destructive disorders of the lesser metatarso-phalangeal joints  
D.N. Townshend, M.E. Greiss (Whiteheaven, UK)

The fibula nail for the treatment of ankle fractures in the elderly  
P. Appleton, M. McQuinn, C. Court-Brown (Edinburgh, UK)

The use of different external fixation devices in the treatment of foot and ankle deformations  
M. Schmidt, (Frankfurt, D)

A new technique for a more accurate performance and a stronger fixation of the crescentic osteotomy  
W. Pauli, F. Beutter, D. Cramer (Huttwil, CH)

Novel implant and instrument design for small bone surgery  
D. Kay, G. Njus, D. Ducharme, L. Strnad (Akron, OH, USA)

Forefoot-reconstruction with resorbable implants  
C. Kinast, P. Bouliopoulos, J. Hamel (Muenchen, D)

Subtalar arthroscopy with a new set up  
J. Frokjaer, P. Bo, J.U. Wester, C.U. Maegaard (Odense, DK)

Short-term results of uncemented titanium-alloy first metatarsophalangeal joint replacement  
M. Bardelli, L. Turelli, G. Scoccianti (Florence, I)

New procedures in lesser toes surgery  
L. Barouk, P. Barouk (Bordeaux, F)

The Foot and Ankle "Coddler" Splint in Foot and Ankle Surgery  
D. Reis, D. Zucker (Haifa, IL)

### **Discussion**

15.50 Free Papers Session: TOTAL ANKLE REPLACEMENT

Custom-made stainless-steel talus-replacement-prosthesis for tumors and failed TAR  
J. Keel (St. Gallen, CH)

Total ankle arthroplasty using alumina ceramic prostheses loaded with tissue engineered bone  
Y Tanaka, Y. Takakura, H. Ohgushi, S. Isomoto, K. Narikawa, T. Kumai, K. Sugimoto (Nara, J)

Midterm functional and structural effects of the S.T.A.R. - total ankle arthroplasty on the subtalar and the talonavicular joint - A prospective study in 57 TAAs  
R. M. Christ, F.W. Hagena (Bad Oeynhausen, D)



Early results of a novel ligament-compatible total ankle prosthesis  
S. Giannini, A. Leardini, M. Romagnoli, F. Catani (Bologna, I)

Ankle arthroplasty versus ankle arthrodesis for end-stage ankle arthritis: a functional comparison  
N. Duggal, S. Redekop, T.R.Daniels (Toronto, CDN)

A functional analysis of ankle arthroplasty for end-stage ankle arthritis  
N. Duggal, S. Redekop, T.R.Daniels (Toronto, CDN)

The S.T.A.R. total ankle replacement  
F.-W. Hagen, R.M. Christ (Bad Oeynhausen, D)

Unfavorable influence of total ankle arthroplasty malposition on ankle function  
T. Jotoku, H. Kitaoka, L. Berglund, K. Zhao, K. An, K. Kaufman  
(Kishiwada, J, Rochester, NY, USA)

Functional assessment of total ankle replacement  
M. G. Benedetti, L. Berti, A. Leardini, S. Giannini (Bologna, I)

Fixation and bone ingrow in tibial component of the AES ankle prosthesis  
M. Guelfi, C. Ameri, S. Bosio, F. Grilli, F. Priano (Genoa, Savona, Pietra Ligure, I)

Gait analysis after total ankle arthroplasty. A comparative study with a normal control group  
H. C. Doets, M. van Middelkoop, H. Houkijk, R.G.H.H. Nelissen, H. E. J. Veeger  
(Amsterdam, Leiden, NL)

Total ankle arthroplasty combined with lengthening osteotomy of the medial malleolus. A new technique for the treatment of varus deformity of the osteoarthritic ankle  
H. C. Doets, (Amsterdam, NL)

Ankle replacement and osteotomy around the Talus. Our experience about 56 cases indicated by Meary view Xray  
J. Asencio, C. Leonardi (Nimes, F)

MRI examination of total ankle joint replacement  
G. Bourke, (Melbourne, AUS)

Incidental periprosthetic cysts following total ankle replacement: a possible cause and management  
V. M. Budnar, I.G. Winson (Bristol, UK)

Total ankle prosthesis : five to eight years results of a third generation implant with an anatomic concept  
T. Judet, M.Bonnin, J.A. Colombier (Garches, Lyon, St. Jean, F)

Results of the pivotal study of the STAR prosthesis: 2000-2005. The USA Experience  
M. J. Coughlin (Boise, ID, USA)

### ***Discussion***

18.00 *Coffee Break*

19.00 OPENING CEREMONY

19.30 IFFAS Council Meeting

21.00 WELCOME COCKTAIL AT PALAZZO REALE  
Meeting point in the hall of hotel Royal at 20.30

Friday, September 16, 2005

8.00 Symposium: SEQUELAE OF RECONSTRUCTIVE SURGERY OF FOOT AND ANKLE FRACTURES

AUDITORIUM

Reconstructive surgery in sequelae of malleolar fractures  
F. Ceccarelli (Bologna, I)

Talar fracture  
S. Inokuchi (Tokyo, J)

Reconstructive surgery for the sequelae of malunited calcaneous fractures  
M. Myerson (Baltimore, USA)

Late reconstruction of Lisfranc tarso-metatarsal fracture dislocations  
J. W. Brodsky (Dallas, USA)

Tarsal-metatarsal injuries  
B. J. Sangeorzan (Seattle, USA)

Metatarsal fractures  
I. H. Park (Gang Neung, Korea)

**Discussion**

9.20 Free Papers Session: METATARSALGIA AND LESSER-TOES DEFORMITIES

A modification to the stainsby technique for arthritic or dislocated metatarsophalangeal joints of the lesser toes  
K. T. Trimble, N.J. Talbot, S.W. Parsons (Truro, UK)

Floating toes deformity as a complication of the Weil osteotomy  
A. Miguez, G. Slullitel, F. Bilbao, M. Carrasco, G. Solari (Buenos Aires, Argentina)

Morton's neuroma: a prospective, randomized 2 year follow-up study of plantar versus dorsal incisions in primary intermetatarsal neuromas  
C. Akermark, H. Crone, A. Skoog, L. Weidenhielm (Stockholm, S)

Forefoot reconstruction in rheumatoid arthritis: a peri-operative cost analysis  
G. A. Matricali, J. Verduyck, A. Boonen, R. Westhovens (Leuven, Maastricht, NL)

Prospective study of results of Weil osteotomy: multicentric study in Chile  
G. Carcuro, C. Ortiz, S. Fernández, M. Paleo, J. Gutiérrez, R. Munoz, H. Jara (Santiago, Chile)

Second metatarsal head pressure diminution with the use of aa metatarsal pad of bar: a clinical trial  
A. Deshaies, N. Murphy, P. Deshaies, P. Roy, E. Ancil (Sherbrooke, Rock-Forest, CDN)

The Weil osteotomy for metatarsalgia - Does it work?  
S. Anand, M.S. Sundar (Manchester, UK)

A surgical correction of crossover deformity of the second toe: a technique for tenodesis  
F. Barca, A. Saracino (Modena, I)

Biomechanical comparison of three different fixation methods for proximal interphalangeal joint arthrodesis  
T. A. McDonald, M.S. Aronow, S. Santangelo, E. Obopilwe, A.D. Mazzocca (Farmington, CT, USA)

Medium-term results of the Weil-osteotomy in treatment of metatarsalgia - A clinical, radiological and pedobarographic prospective study  
O. Meyer, G. Godolias (Herne, D)



Surgical treatment of Morton's neuroma: the neurectomy-relocation technique  
A. Volpe, D. Varotto, A. Postorino (Abano Terme, I)

Morton's neuroma size and the effect of corticosteroid on pain  
S. Lines, I. Winson, M. Bradley (Bristol, UK)

**Discussion**

9.20 Free Papers Session: PEDIATRIC FOOT

MIRABILIS HALL

Treatment of residual clubfoot deformities in paediatric patients with Ilizarov method  
M. Paleari, A. Kirienko, M. Paleari, G. Biancardi (Milan, Italy)

Classification of the postaxial polydactyly of the foot  
H. S. Lee, Y.S. Youm (Seoul, Korea)

Treatment of congenital and acquired foot deformities in children with external fixation  
M. Schmidt, G. Salameh (Frankfurt, D)

Quantitative analysis of foot length in congenital Talipes equinovarus deformity  
L. A. Williams, E. Robinson, M.P. Tomlinson (Auckland, NZ)

Idiopathic form of congenital vertical talus (CVT) treated by one stage open reduction. A clinical, radiographic and pedobarographic study  
M. Napiontek, M. Walczak (Poznan, PL)

Resection for symptomatic talocalcaneal coalition in children  
L. Milano, G. Peretti (Rozzano, I)

The variability of plantar pressure pattern distribution in healthy children and its relation to flexible flatfoot  
M. Walczak, M. Napiontek (Poznan, PL)

Average 12 year follow up results of circumferencial subtalar release for congenital club foot  
S. Ozeki, M. Kakihana, S. Yamasaki, N. Miyagi, H. Iisaka, K. Kaneda (Dokkyo, Hokkaido, J)

Arthroeresis for pediatric flat foot  
C. H. Chu, (Taichung city, Taiwan)

Anterior tibials tendon transposition in combination with Grice technique in the surgical treatment of spastic planovalgosity feet deformities  
M. Repko, R. Chaloupka (Bro, CZ)

Talipes equinovarus and maternal smoking: a population-based case-control study in Washington State  
V. S. Mosca, A.C. Skelly, V.L. Holt, B.W. Alderman (Seattle, WA, USA)

The dynamic changes of the anterior transverse arch of the foot in childhood during walking  
Y. S. Makino, T. Teramoto, T. Miyamoto, K. Ootsuka, K. Tasiro (Sasebo, Nagasaki, Ekisaikai, Oomura, J)

Functional outcome of triple arthrodesis in patients with neglected clubfoot  
R.B. Pidloan, E.B. Tablante (Quezon City, Philippines)

**Discussion**

10.50 *Coffee Break*

Arthroscopic surgery of the subtalar and great toe joints  
R. D. Ferkel (Van Nuys, USA)

Arthroscopy and endoscopy of ankle and foot  
C. N. van Dijk (Amsterdam, NL)

Percutaneous surgery  
M. Knupp, B. Hintermann (Basel, CH)

Mini-incisions in M.I.S. of the foot and ankle  
S. Giannini (Bologna, I)

**Discussion**

12.00 Symposium: SURGERY OF OSTEOCHONDRAL LESIONS: INDICATIONS AND RESULTS

Debridement and microfractures in the treatment of talar osteochondral lesions  
C. Nery (São Paulo, BR)

Autologous osteochondral transplantation/Mosaicplasty  
H. Thermann (Heidelberg, D)

Evolution in autologous chondrocyte implantation (ACI) in osteochondral lesions of the talus  
R. Buda (Bologna, I)

Allograft replacement for osteochondral lesion of the talus  
J. A. Nunley (Durham, USA)

**Discussion**

13.00 *Lunch*

13.45 Free Papers Session: FOOT DEFORMITY AND SOVRASEGMENTARY JOINTS

Use of external fixation in the reconstruction of the Charcot foot and ankle  
J. C. Wang (Santa Monica, CA USA)

Hallux varus: transfer of the E.D.L. of the second toe  
P.F. Diebold (Maxeville, France)

Supramalleolar osteotomy for ankle arthritis  
G. Pagenstert, V. Valderrabano, B. Hintermann, W. Dick (Basel, CH)

The ceramic artificial talus for aseptic talar necrosis  
Y. Takakura, Y. Tanaka, T. Kumai, S. Isomoto, K. Narikawa, K. Sugimoto (Nara, J)

Tibiotalar calcaneal arthrodesis by an intramedullary nail for severe ankle/hindfoot deformities  
M. Klinke, A. Tavakkolizadeh, M. Davies (London, UK)

Talonavicular arthrodesis for the treatment of moderate adult flat foot deformity  
Y. M. Cheng, P.J. Huang (Kaohsiung City, Taiwan)

Foot joints arthrodesis and consecutive progressive distraction  
A. Kirienko, N. Markopoulos, N. Portinaro, V. Sansone, M. De Donato (Rozzano, I)

Comparison of radiographs and CT scans in evaluating healing of hindfoot arthrodesis  
J. Speight Grimes, M.J. Coughlin (Boise, ID, USA)

Foot dysmorphism and rotatory alteration of the inferior limb

E. Parino, M. Marconetto, P.C. Pisani (Turin, I)

Ankle arthrodesis: long-term functional and clinical performance. Minimum 12-year follow-up

R. W. Smith, J.R. Faux, S. Reischl, U. Waldecker (Long Beach, CA, USA)

Cytokine induced osteoclastic bone resorption in Charcot arthropathy: an immunohistochemical study

J. F. Baumhauer, R. O'Keefe, L. Schon M. Pinzur (Rochester, NY, Baltimore, MD, Chicago, IL, USA)

The results of pantalar and tibiototalcalcaneal arthrodesis

A. Cracchiolo (Los Angeles, CA, USA)

The TCNC-arthrodesis - ultima ratio in different talar pathology

M. Weber, (Aachen, D)

Arthroscopic ankle and subtalar arthrodeses: 13-year prospective study and follow up

J. P. Tasto (San Diego, CA, USA)

Tibiototalcalcaneal arthrodesis using a curved locking nail. Results of 71 cases demonstrating an evolution of the technique

R. Hammett, V. Budnar, I. Winson, S. Hepple, W. Harries, L. Livingstone (Bristol, UK)

Ankle arthrodesis and its relationship to ipsilateral hind and mid foot arthritis

B. Sheridan, D. Robinson, M. Hubble, I. Winson (Yeovil, Bristol, Exeter, UK)

The surgical treatment of severe deformations in the Charcot foot

S. Kessler, L. Kurvin (Muenchen, D)

Internal fixation versus Ilizarov apparatus in subtalar arthrodesis fixation

M. Alperson, D. Angel, A. Liberson (Haifa, IL)

Correction of the multiplanar deformity of the ankle with the distraction method

C. Grispigni, A. Kirienko, L. Spreafico (Rozzano, I)

The effects of a medializing calcaneal osteotomy with and without superior translation upon Achilles Tendon strain and plantar foot pressures

M. H. Hadfield, R.S. Adelaar, J. Snyder, P. C. Liacouras, J. R. Owen, J. Wayne (Richmond, VA, USA)

### **Discussion**

13.45 Free Papers Session: FUNCTIONAL ASSESSMENT OF THE FOOT I

*MIRABILIS HALL*

Effect of balance exercise on strength of the peroneal muscle in healthy athletes

G. A. Arangio, D. Z. Tusek, B. Civic, A. Rogman (Allentown, PA, USA)

Ankle instability may depend on joint configuration

A. Frigg, O. Magerkurth, H. P. Ledermann, B. Hintermann (Basel, CH)

A patient-based questionnaire to assess outcomes of foot surgery: validation in relation to surgery for hallux valgus

J. Dawson, J. Coffey, H. Doll, G. Lavis, M. Herron, C. Jenkinson, P. Cooke (Oxform, Birmingham, UK)

Superficial muscle activity measurement of ankle joint lesions - differences between traumatic and non-traumatic pathologies

D. Wolff, H. Hempfling, V. Buehren (Murnau, D)

The reliability and validity of the American Orthopaedic Foot and Ankle Society clinical rating scale for the hallux and lesser toes

J. F. Baumhauer, D. Nawoczenski, B. F. DiGiovanni, G. Wilding, B.M. Grant, A.E. Hanson, E.N. Jackstadt (Rochester, Buffalo, NY, USA)

Alterations in plantar pressure with different walking boot designs

F DiLiberto, J.F. Baumhauer, D. A. Nawoczenski (Rochester, NY, USA)

Dynamic performance of the ankle rotators in patients following operative intervention for malleoli fractures  
Y. Steinfeld-Cohen, S. Shabat, M. Nyska, C. Peretz, Z. Dvir (Tel-Aviv, Kfar-Saba, IL)

Kinematic alterations of dynamic foot function associated with posterior tibial tendon dysfunction  
J. M. Tome, A.S. Flemister, J.R. Houck, D.A. Nawoczenski (Rochester, NY, USA)

Dynamic foot positions and first MTP joint motion: challenge to current theory  
D. A. Nawoczenski, J.R. Houck, J.M. Tome, B.F. DiGiovanni, J.F. Baumhauer (Rochester, NY, USA)

The influence of the abductor hallucis muscle on the medial arch of the foot - a kinematic and anatomical in-vitro study  
Y.S. Wong, (Singapore, Singapore)

Consecutive isokinetic evaluation of planta-flexion torque following Achilles tendon rupture repair  
M Tobita, K. Naito, N. Kumahashi, M. Kono, H. Yamaguchi, T. Nagatani, M. Takao, Y. Uchio  
(Ohda, Shimane, J)

Compensatory function of the subtalar joint concerning the development of varus osteoarthritis of the ankle  
K. Hayashi, Y. Tanaka, T. Kumai, I. Higashiyama, Y. Takakura (Nara, J)

### ***Discussion***

16.00 *Coffee Break*

17.00 EFAS General Assembly

AUDITORIUM

Saturday, September 17, 2005

8.00 Free Papers Session: HALLUX VALGUS I

AUDITORIUM

Morphology of the first metatarsal: head shape, base obliquity and the intermetatarsal facet  
C. F. Hyer, G. C. Berlet, T. M. Philbin, T.H. Lee, P. Maurus (Columbus, OH, USA)

Mitchell's osteotomy using a PLLA Screw  
K. Sugimoto, Y. Takakura, Y. Tanaka, T. Kumai, R. Kasanami, M. Iwai (Nara, J)

Proximal metatarsal osteotomy in hallux valgus-Relationship between 1-year and greater than 3-year results  
R. Okuda, M. Kinoshita, T. Yasuda, T. Jotoku, M. Abe (Osaka, J)

First metatarsocuneiform joint arthrodesis: a biomechanical evaluation of different fixation techniques  
A. Tucker, D. Kay, G. Bennett, G. Njus, B. Ananthan (Akron, OH, USA)

Bioresorbable pin fixation in proximal spherical metatarsal osteotomies for hallux valgus deformity  
Z. Shi, Y. Dong (Shanghai, China)

Inspection of the congruity of the metatarsophalangeal joint in hallux valgus using 3D-CT images  
Y. Tanaka, S. Isomoto, K. Narikawa, T. Kumai, K. Sugimoto, Y. Takakura (Nara, J)

Change in the distal metatarsal articular angle after the proximal metatarsal osteotomy for the correction of hallux valgus deformity  
Y. Suda, S. Inokuchi, K. Matsuzaki (Tokyo, J)

A three dimensional geometric analysis on the effect of five different 1st metatarsal osteotomies using standardised Sawbone models  
C. M. Blundell, A.D. McCarthy, K. Wembridge, M. Davies (Sheffield, UK)

More than ten years follow up of proximal metatarsal osteotomy for hallux valgus  
Y. Kuroyanagi, S. Inokuchi, Y. Suda, N. Usami (Tokyo, J)

Hallux limitus. Our experience with the Weil decompression osteotomy of the first metatarsal  
P. Barouk, L. S. Barouk (Bordeaux, F)

Is the concavity of proximal crescentic osteotomy site in hallux valgus directed distally or proximally  
I. Tsuboi, H. Yamamoto (Ehime, J)

MTP-1 arthrodesis as revision procedure for failed Keller arthroplasty  
G. A. Matricali, P. Herman, K. Deschamps, T. Mulier, G. Dereymaeker (Leuven, B)

Proximal reverse Chevron osteotomy as the treatment of moderate to severe hallux valgus deformity  
S. H. Han, J.W. Lee, H.K. Yoon, S.B. Hahn, E.S. Kang (Seoul, Korea)

The change of 1st ray mobility after hallux valgus surgery  
J. Y. Kim, K. T. Lee, K. W. Young, S. D. Cha, E. S. Kim (Seoul, Korea)

Treatment of hallux valgus with the modified Lapidus procedure  
D. Kolker, S. B. Weinfeld (New York, NY, USA)

### **Discussion**

8.00 Free Papers Session: OSTEOCHONDRAL LESIONS and MISCELLANEA

MIRABILIS HALL

Posterior femoral condylar autografting for osteochondral lesions of the talus  
J.K. DeOrio (Jacksonville, FL USA)

The morbidity associated with osteochondral harvest from asymptomatic knees for the treatment of chronic osteochondral lesions of the talus  
D. I. Pedowitz, S. Reddy, S.G. Parekh, B.J. Sennett, E. Okereke (Philadelphia, PA, USA)

Cystic type osteochondral lesion of the talus: histopathologic correlation with MRI  
W. C. Lee, J.S. Mun, H.S. Ko (Seoul, Korea)

Healing of the joint cartilage after low tibial osteotomy for medial ankle arthrosis  
K. Ohtera, H. Kura, T. Yamashita (Kushiro, Sapporo, J)

Osteochondral domus talar lesions treated with autologous osteochondral grafts (mosaicoplasty)  
M. Pires Prado, A.A. Moreira Mendes (São Paulo, BR)

Clinical results of osteochondral plug transplantation for Freiberg disease  
T. Kono, M. Takao, Y. Uchio, K. Oae, N. Yamagami, M. Ochi (Hiroshima, J)

Selection of treatment for osteochondral lesions of the talus  
N. Usami, E. Hiraishi, A. Waseda, C. Shimamura, H. Ikezawa, S. Inokuchi (Tokyo, J)

Bacterial skin contamination and bacterial recolonization, after surgical preparation, in foot operations and prevalence of postoperative early wound infection: a prospective study  
Y. Tytiun, S. Iordache, A. Grintal, S. Velkes, M. Salai (Petach Tikva, IL)

Posterior retrocalcaneus impingement syndrom treated by Zadek' osteotomy. A 23 cases report  
Y Tourné, A. Badulescu, D. Saragaglia (Grenoble, F)

Current trends in thromboprophylaxis in surgery of the foot and ankle  
A Gadgil, R. Thomas (Cardiff, UK)

A cotton batting compression dressing and fiberglass cast used safely in the immediate post-operative period following hindfoot or ankle operations  
M. Eagan, N.F. SooHoo, A. Cracchiolo (Los Angeles, CA, USA)

The Ilizarov-method in chronic osteomyelitis of the foot  
J. Correll, (Aschau, D)

Tarsal tunnel syndrome in Athletes  
M. Kinoshita, R. Okuda, T. Yasuda, M. Abe (Osaka, J)

Radiological assessment of calcaneum in posterior heel pain. A new technique  
D. Mishra, S. Musthyala, H. Kurup, D.K. Patro (Pondicherry, India)

Clinical analysis of inflammatory foot problems in seronegative spondyloarthropathy  
H. S. Lee, Y. Bin (Seoul, Korea)

The diabetic foot: initial experience with FDG-PET/CT  
E. Melamed, Z. Keidar, D. Militianu, R. Bar-Shalom, O. Israel, C. Zinman (Haifa, IL)

Prolonged intraosseal analgesia (PIA) for orthopedic procedures: a study of postoperative pain relief  
A. Liberson, B. Yanovsky, B. Shanderei, M. Alperson (Haifa, IL)

Effectiveness of surgical treatment of diabetic foot: a follow-up of 40 patients  
A. Merolli, A. Militerno, R. De Vitis, F. Catalano, G. Ghirlanda (Rome, I)

### ***Discussion***

9.50 *Coffee Break*

## Pros

Total ankle arthroplasty using three generations of metal and ceramic prostheses  
Y. Takakura (Nara, J)

## Cons

R. W. Smith (Long Beach, USA)

Ankle Arthroplasty The Cons or the Myths  
I. Winson (Bristol, UK)

**Discussion**

11.10 Outgoing Presidential speech

11.20 Free Papers Session: TENDONS

Gastrocnemius recession performed endoscopically - state of the art and results  
S.G. Trevino, V.K. Panchbhavi, M.B. Gibbs (Galveston, TX, USA)

Conservative, open or percutaneous repair for acute rupture of the Achilles Tendon  
B. Sarai, A. Ebinesan, G. Walley, D. Miller, D. McBride, N. Maffulli (Stoke-on-Trent, UK)

Faster rehabilitation for Achilles Tendon ruptures. Randomised controlled trials of immediate weight-bearing mobilisation for Achilles Tendon ruptures  
M. L. Costa, R. Chester, L. Shepstone, A. H. Robinson, S. T. Donell (Norwich, UK)

Distal anatomical relationship of the flexor hallucis longus and flexor digitorum longus  
B. LaRue, E. Anctil (Sherbrooke, CDN)

Surgical management of insertional calcific Achilles tendinitis  
K. Johnson, C. Zalavras, D. B. Thordarson (Los Angeles, CA, USA)

Immediate weight bearing after complete Achilles detachment and repair for calcific insertional Achilles tendinosis  
J. R. McWilliam, (New Rochelle, NY, USA)

Flexor hallucis longus and flexor digitorum longus tendons transfer for the treatment of drop foot from common peroneal nerve palsy  
F. Komatsu, M. Takao, Y. Uchio, M. Ochi (Shimane, Hiroshima, J)

Plantar fascia specific stretch results in marked improvement in subjects with chronic proximal plantar fasciitis: a two-year follow up study  
B. F. DiGiovanni, P. A. Graci, D. P. Malay, T. T. Williams, G. E. Wilding, J. F. Baumhauer, D. A. Nawoczinski (Rochester, Buffalo, NY, USA)

A direct repair for chronic Achilles tendon rupture - Connective tissue between the tendon stumps has good properties for repairs  
T. Yasuda, M. Kinoshita, R. Okuda, M. Abe (Osaka, J)

Surgical treatment of insertional Achilles tendinosis  
A. A. Moreira Mendes (São Paulo, BR)

Arthroscopic findings associated with peroneal tendon tears  
R. Ferkel, A. Bare (Van Nuys, CA, USA)

Endoscopical synovectomy of the posterior tibial tendon by rheumatoid arthritis  
G. Bulstra, P. G. M. Olsthoorn, R. P. Poll (Amsterdam, NL)



The pathogenesis of Achilles tendon xanthoma: histopathological study of the extremities of Watanabe heritable hyperlipidemic rabbits

A. Nakano, M. Kinoshita, R. Okuda, T. Yasuda, A. Abe, S. Shiomi (Osaka, Kobe, J)

Tibiotalar joint sparing reconstruction of stage IV posterior tibial tendon rupture

E. M. Bluman, C. Tankson, M. S. Myerson (Baltimore, MD, USA)

Early weightbearing and ankle mobilization after modified double Tsuge technique repair of acute Achilles tendon rupture

M. Maki, M. Noguchi, K. Nagasawa, K. Ikoma, W. C. Kim, K. Inoue, T. Kubo (Kyoto, Tokyo, J)

### **Discussion**

## 11.20 Free Papers Session: HALLUX RIGIDUS

*MIRABILIS HALL*

A reabsorbable spacer for the first metatarso-phalangeal joint in the surgical treatment of hallux rigidus  
B. Magnan, M. Marino, R. Bortolazzi, E. Samaila, P. Bartolozzi (Verona, I)

Replacement of the first metatarsophalangeal joint with a threaded non-cemented prosthesis  
M. Menge (Ludwigshafen, D)

The role of metallic proximal phalangeal hemiarthroplasty in hallux rigidus  
W. S. Taranow, M. Moutsatson, J. Cooper (Ypsilanti, MI, USA)

Longterm follow up of treatment of hallux rigidus by Hingeflexible Silicone Implant with titanium grommets  
G. Dereymaeker, N. Van Giffen, J. Verduyck (Leuven, B)

Arthrodesis of the metatarsophalangeal joint in hallux rigidus - Medium term experience with the Halluâ - Fix-System

D. Voss, O. Meyer, G. Godolias (Herne, D)

Results of cheilectomy and additional microfracture technique for the treatment of hallux rigidus  
C. Becher, R. Kilger, H. Thermann (Heidelberg, D)

The outcome of the Townley hemi-arthroplasty and cheilectomy for grade 3 & 4 Hallux Rigidus.  
M. R. Sullivan, D. Ocel, E. Giza, A. Best (Sydney, AUS)

### **Discussion**

## 13.10 Lunch

## 13.30 Symposium: BONE HEALING IMPROVEMENT

*AUDITORIUM*

A comparative animal study of four pin-types differing in design, implantation technique and surface  
A. Moroni (Bologna, I)

Bone substitutes

D. B. Thordarson (Los Angeles, USA)

Shockwaves

S. Russo (Naples, I)

BMPs

S. Vukicevic (Zagreb, Croatia)

Mesenchymal stem cells

R. Cancedda (Genoa, I)

Biophysical stimulation of skeletal tissue repair

R. Cadossi (Carpi, I)

### **Discussion**

14.50 Free Papers Session: LIGAMENTS

Anatomical reconstruction of the lateral ligaments with a hamstring autograft to resolve ankle instability: a new technique using an interference fit anchoring system

M. Takao, K. Oae, Y. Uchio, M. Ochi, H. Yamamoto (Shimane, Hiroshima, Ehime, J)

Long-term results of an anatomical reconstruction of the lateral ankle ligament - Clinical results and sports activities

H. Kura, K. Ohtera, K. Watanabe, A. Teramoto, T. Teramoto (Sapporo, J)

Lateral ligament reconstruction of the ankle using a modified technique with peroneus brevis

A. Qureshi, M. Zafar, D. McBride (Stoke on Trent, UK)

Reconstruction of the lateral ankle ligaments with allograft in patients with chronic ankle instability. New surgical technique

A. Caprio, F. Oliva, F. Treia (Rome, I)

Medial instability of the ankle joint - a biomechanical approach

C. Wyss, (Aarau, CH)

Effect of simulated fracture excision on the ligamentous attachments of the lateral talar process

P. Langer, F. Nickisch, D. Spenciner, C. DiGiovanni (Providence, RI, USA)

Diagnostic value of ultrasonography for disruption of the anterior talofibular ligament

K. Oae, M. Takao, Y. Uchio, J. Ishida (Shimane, J)

Minimally invasive deltoid ligament reconstruction: a biomechanical and anatomic analysis

E. Bluman, G. Khazen, N. Hariguchi, M.S. Myerson (Baltimore, MD, USA)

The function of the calcaneofibular ligament and clinical test for its insufficiency

S. Ozeki, H.B. Kitaika, K. Kaufman, K.N. An (Koshigaya, Rochester, MN, J, USA)

Treatment of the lateral ankle instability with reconstruction and augmentation with inferior extensor retinaculum

M. Pires Prado, A. A. Moreira Mendes (San Paolo, BR)

Outcome of the surgical treatment for non-union after an avulsion fracture of the anterior talofibular ligament

K. Ikoma, M. Noguchi, K. Nagasawa, W.C. Kim, M. Maki, T. Kubo (Kyoto, Tokyo, J)

**Discussion**

14.50 Free Papers Session: FUNCTIONAL ASSESSMENT OF THE FOOT II

MIRABILIS HALL

Functional outcome of "floating ankle" - Ipsilateral distal tibia and foot fractures

U. K. Debnath, A. Guha, K. Hariharan (Newport, UK)

Comparison of lateral forefoot pressures during cutting maneuvers and straight line running

N. Kadel, E. Rohr, A. Segal, C. Kweon, J. Medley, M. Orendurff (Seattle, WA, USA)

Effects of femoral torsion on ankle kinematic and kinetic data following femoral shaft fractures

M. O. Delialioglu, B.A. Tasbas, K. Bayrakci, B. Daglar, S. Unsal, U. Gunel (Ankara, TR)

Kinetic gait analysis in sequels of hindfoot injuries. Preliminary results

R. Bausa', A. Dalmau, J. Barrachina, F. Peydro' (Barcelona, E)

The application of a multi-segment, kinematic foot model in assessing outcomes of foot surgery in hemiplegic cerebral palsy

J. Stebbins, M. Harrington, N. Thompson, A. Zavatsky, T. Theologis (Oxford, UK)

Motion of the rearfoot, midfoot and metatarsal bones during the stance phase of walking

A. Leardini, L. Berti, M.G. Benedetti, D. Bettinelli, S. Straudi, S. Giannini (Bologna, Milan, I)

Motion analysis of Chopart joint by using video fluoroscopy

T. Miyamoto, T. Teramoto, Y. Makino, K. Tashiro, K. Ootsuka (Nagasaki, Sasebo, Oomura, J)

The dynamic assessment of the ankle joint in the cases of normal and osteoarthritis used by the image intensifier

T. Teramoto, T. Miyamoto, K. Ootsuka, Y. Makino, K. Tasiro  
(Nagasaki, Ekisaikai, Oomura, Sasebo, J)

"The 1st MTPJ is not a hinge ...": a kinematic analysis of the dynamic hallux

H. K. Tanaka, K. Hariharan (Newport, UK)

Difference of the sagittal configuration of the ankle joint between the lateral and the medial segment

H. J. Kim, H.T. Min (Suwon, Korea)

Preoperative gait characterization in patients with ankle arthritis

R. M. Marks, M. Khazzam, J.T. Long, G.F. Harris (Milwaukee, WI, USA)

### ***Discussion***

16.30 *Coffee Break*

17.00 FINSBURY WORKSHOP: "Total Ankle Replacement and Soft-Tissue Balance"

21.00 *Social Dinner*

Sunday, September 18, 2005

8.00 Free Papers Session: HALLUX VALGUS II

AUDITORIUM

Interposition graft arthrodesis as a salvage for failed arthroplasties of the first MPJ (Keller and Hueter)  
G. Peretti, L. Milano (Rozzano, I)

How was hallux valgus reconstructed with Mann procedure - Evaluation using two-dimensional mapping system

N. Narikawa, S. Isomoto, Y. Tanaka, I. Higashiyama, T. Kumai, Y. Takakura (Nara, J)

Distraction osteogenesis for the shortened metatarsal after hallux valgus surgery  
J. M. Hurst, J.A. Nunley (Durham, NC, USA)

Anatomical study and correlation technique to the treatment of the hallux valgus  
F. Barca, A. Saracino (Modena, I)

Scarf osteotomy in hallux valgus: a review of 72 cases  
R. P. Berg, P.G.M. Olsthoorn, R.P. Poll (Amsterdam, NL)

Treatment of hallux valgus deformity in 210 patients using a modified form of subcapital Chevron-osteotomy - Indication area, osteotomy level, transfer-metatarsalgias  
A. Mieles, O. Meyer, G. Godolias (Herne, D)

Scarf versus Chevron osteotomy in hallux valgus  
A. Deenik, P. Pilot, S.E. Brandt, W.F. Draijer (Heerlen, Sittard, Veghel, NL)

Result of distal lineal metatarsal osteotomy for hallux valgus  
S. Inokuchi (Keio, J)

The base wedge osteotomy (BWO) for hallux valgus with high I.M.A. highlights and the dark side  
A. Postorino, D. Varotto, A. Volpe (Abano Terme, I)

Hallux valgus: demographics, radiographic assessment and clinical outcome  
M. J. Coughlin, C.P. Jones (Boise, ID, Charlotte, NC, USA)

Hallux valgus and first ray mobility: a cadaveric study  
C. Jones, M. J. Coughlin, R. Viladot, P. Golano', B. R. Grebin, P. S. Shurnas (Charlotte, NC, Boise, ID, Barcelona, Belleville, IL, Columbia, MO, USA, E)

Bunion and bunionette operated at the same time in hallux valgus patient  
G. Rougereau, (Paris, F)

A comparison of distal Chevron osteotomy with and without adductor tenotomy for the treatment of hallux valgus  
I. T. Chu, J. W. Chung, H. W. Park (Seoul, Korea)

Treatment of advanced hallux valgus and hallux rigidus with a concentric oblique basilar resection arthroplasty  
R. M. Marks, G. J. Cush (Milwaukee, WI, USA)

Comparison between Austin osteotomy and Bosch osteotomy in surgery of hallux valgus.  
C. Verdoia, R. Benvenuti, C. Corradini (Milan, I)

### **Discussion**

9.50 *Coffee Break*

## 10.00 Symposium: TREATMENT OF NON UNIONS IN FOOT AND ANKLE

Prospective CT scan evaluation of hindfoot non-unions treated with revision surgery and low-intensity ultrasound stimulation

M. J. Coughlin (Boise, USA)

Ankle non-unions

M. Delmi (Geneve, CH)

New treatment of metatarsal nonunion

P. F. Diebold (Nancy, F)

Lisfranc non-unions

H-H. Kuester (Guetersloh, D)

Midtarsal non union

F. Malerba (Milan, I)

### **Discussion**

## 11.10 Free Papers Session: FRACTURES

Lisfranc joint dislocation-Better long-term results after initial open reduction than after closed reduction

P. Droste, S. Zech, J. Geerling, M. Frink, C. Krettek, M. Richter (Hannover, D)

Computer-assisted surgery (CAS) based correction of posttraumatic ankle and hindfoot deformities

M. Richter, J. Geerling, M. Frink, S. Zech, D. Kendoff, M. Citak, C. Krettek (Hannover, D)

Limited posterior incision for treating displaced intra-articular calcaneal fractures

I. H. Park (Seoul-Gang Neung, Korea)

Isolated midfoot fractures without Chopart's or Lisfranc's joint dislocation

M. Frink, J. Geerling, S. Zech, C. Krettek, M. Richter (Hannover, D)

A minimal invasive surgical approach of operative treatment (MIPO) for displaced calcaneal fracture - evaluation for percutaneous locking plate fixation

S. Chan (Hong Kong)

Treatment of Lisfranc injuries: primary arthrodesis compared with open reduction and internal fixation. A prospective, randomized study

J. C. Coetzee, T.V. Ly (Minneapolis, MN, USA)

Supination external rotation-type fractures occur in the pronated foot

N. Haraguchi, R.S. Armiger, J.T. Campbell, M.S. Myerson, E.Y.S. Chao (Baltimore, MA, USA)

Combined internal and external fixation of Os calcis fractures

M. Prayson, D. Kay, A. Tucker (Akron, OH, USA)

Minimum invasion and minimum internal fixation for severely displaced intra-articular calcaneal fractures using medial and anterolateral approach

H. Noguchi, Y. Ishii, Y. Matsuda, A. Hasegawa, K. Takagischi (Gunma, J)

New surgical procedure for intra-articular calcaneus fractures

T. Atsuta, Y. Tochigi (Chiba, Iowa City, IA, J, USA)

Anatomical study and microscopic MRI findings of Lisfranc Ligament Complex

T. Hirano, H. Niki, A. Kato, H. Kato, G. Morokawa, K. Arai, T. Tanaka, K. Yamawaki, H. Okada, H. Aoki, K. Sasaka (Kanagawa, J)

Classification of the distal tibial pilon fracture

C. J. Topliss, M. Jackson, R. M. Atkins (Bristol, UK)

Clinical outcome after closed reduction and percutaneous screw fixation of Lisfranc joint injuries  
C. J. Tankson, M. S. Myerson, D. Zaret, E. Bluman (Baltimore, MD, USA)

Injuries of Chopart's joint  
S. Gallardo Villares, A. Dalmau Coll, J. Omana Garcia (Barcelona, E)

Results of primary tibiototalcalcaneal arthrodesis using retrograde nailing in adult patients  
J. Verduyck, N. van Giffen, S. Van Bouwel, G. Dereymaeker (Leuven, B)

Prospective study of hindfoot nonunions treated with revision surgery and low-intensity ultrasound stimulation  
M. J. Coughlin, C.P. Jones (Boise, ID, Charlotte, NC, USA)

Pathoanatomy and treatment of the unstable old avulsion fractures of the lateral malleolus in adolescent  
K. Yasumura, S. Ozeki, Y. Nohara (Saitama, J)

Tarso-metatarsal dislocations treated with open reduction and percutaneous fixation: results at long term follow up and clinical outcome  
F. De Marchi, F. Malerba (Milan, I)

### ***Discussion***

13.30 CLOSING REMARKS

13.45 *Lunch*

## POSTERS

- P1 New foot orthosis for the treatment of lateral midfoot sprain: preliminary results  
K. Shoukry (Paris, F)
- P2 Hindfoot alignment and view and associated deformities in adult acquired flatfoot: a study with weight bearing radiographs  
G.A. Arangio, A. Rogman, A. B. Matamoros (Allentown, PA, USA)
- P3 Stainsby operation for rheumatoid and other forefoot arthropathies  
V. Panikkar, K. Hassan, M. Rashid, V. Panikkar, A.P.J. Henry (Derby, UK)
- P4 First web space soft tissue release: a new sequential approach  
V.K. Panchbhavi, S.G. Trevino (Galveston, TX, USA)
- P5 Systemic osteogenic factor production mesenchymal stem cell proliferation in low-intensity pulsed ultrasound-promoted healing of atrophic nonunion in rats  
Y-J. Chen, K-Y Hsu, W-J Chen, E. Sung (Taipei, Taiwan)
- P6 Distinguishing between Charcot osteoarthropathy and osteomyelitis in the diabetic foot  
E.J. Sella (Hamden, CT, USA)
- P7 A new fixation technique for the Lapidus buionectomy  
J.C. Wang (Santa Monica, CA USA)
- P8 Cost comparison of crossed screws versus dorsal plate construct for 1st MTP arthrodesis  
C.F. Hyer, G.C. Berlet, T.M. Philbin, T.H. Lee (Columbus, OH, USA)
- P9 Total contact casting for diabetic foot ulcers: outcome and recurrence rate over five years  
A. Frigg, G. Pagenstert, D. Schaefer, B. Hintermann (Basel, CH)
- P10 Epidemiologic investigation on 1400 feet: coincidence of hindfoot malalignment and Achilles tendinitis  
U. Waldecker, S. Drewitz, G. Hoffmann (Stadecken Elsheim, D)
- P11 Removal of the 2nd toe in severe hammertoe deformities of elderly patients  
J. W. Gallentine, J. K. DeOrio (Jacksonville, FL, USA)
- P12 Technique of first metatarsal head OATS procedure: another approach to first metatarsal head cartilage damage  
C. Title, D. Zaret, K. Means, J. Vogtman, S.D. Miller (Baltimore, MD, USA)
- P13 Interposition resection arthroplasty for hallux rigidus  
S.D. Miller (Baltimore, MD, USA)
- P14 Spastic equinovarus as a late presentation of ankle sprain  
K. Sharma, W.H. Baugher, S. D. Miller (Baltimore, MD, USA)
- P15 Percutaneous plating of distal tibial fractures  
N. Maffulli, A.D. Toms, A. McMurtie, F. Oliva (Stoke-on-Trent, UK)
- P16 Sesamoid nonunion combined with hallux valgus in athletes  
G. Pagenstert, V. Valderrabano, B. Hintermann (Basel, CH)
- P17 Graft Jacket™ allograft interposition arthroplasty for hallux rigidus  
T. Lee, C. Hyer, G. Berlet, T. Philbin (Columbus, OH, USA)
- P18 Percutaneous distal metatarsal osteotomy for correction of hallux valgus  
B. Magnan, E. Samaila, A. Marangon, M. Marino, O. Micale, P. Bartolozzi (Verona, I)
- P19 A new foot and ankle outcome score: questionnaire based, visual analogue scale, validated & computerized  
S. Zech, J. Geerling, M. Frink, C. Krettek, M. Richter (Hannover, D)
- P20 Intraoperative pedography a new validated method for intraoperative biomechanical assessment  
M. Richter, S. Zech, M. Frink, N. Vanin, J. Geerling, P. Droste, C. Krettek (Hannover, D)



- P21 Three-dimensional imaging (ISO-C 3D) based computer-assisted surgery (CAS)  
Guided Retrograde drilling in osteochondral defects of the talus  
J. Geerling, D. Kendoff, M. Citak, S. Zech, M. Frink, C. Krettek, M. Richter (Hannover, D)
- P22 The mechanical properties of calcaneus artificial specimens, fresh frozen specimens and embalmed specimens differ in an experimental testing  
K. Schultz-Brunn, T. Goesling, S. Zech, P. Droste, J. Geerling, M. Frink, C. Krettek, M. Richter (Hannover, D)
- P23 Weil metatarsal osteotomy - middle term results  
L. Pravda,
- P24 Use of titanium lumbar fusion cage as a structural support in reconstructive foot and ankle surgery  
B. LaRue, E. Anctil (Sherbrooke, CDN)
- P25 Fourth metatarsal brachymetatarsia: progressive elongation using external minifixators  
R. Acosta, F. Gonzalez (Mexico City, Mexico)
- P26 Hallucal sesamoid bones stress fracture: a new surgical procedure. A 16 cases report  
Y. Tourné, S. Jaeger, P. Diebold (Grenoble, F)
- P27 Retrospective analysis of biological arthroplasty of the first metatarsophalangeal joint for grade III hallux rigidus deformity  
A. Battaglia, A. Basile (Rome, I)
- P28 The use of gait motion analysis in evaluation of the functional deficits in patients suffered foot and ankle deformities from post-poliomyelitis syndrome  
S. Chan, (Hong Kong)
- P29 The Symptomatic accessory navicular in adult  
W. C. Lee, (Seoul, Korea)
- P30 Bilateral ligidus procedures: a bad idea  
J. C. Coetzee, (Minneapolis, MN, USA)
- P31 Fixation of the crescentic osteotomy with an angular stable X-Plate, early results  
W. Pauli, (Huttwil, CH)
- P32 Surgery of the first toe: experiences and relevant statistical considerations  
R. A. Saez, (Rome, I)
- P33 Back malleolar pain Kager space pathology etiology  
R. A. Saez, (Rome, I)
- P34 A case of isolated plantar dislocation of the intermediate cuneiform bone: an anatomic dissection to clarify the mechanism of injury  
H. Nishi, M. Takao, Y. Uchio, N. Yamagami (Shimane, J)
- P35 Coralline hydroxyapatite bone graft substitute in hind foot surgery  
J. Speight Grimes, M.J. Coughlin (Boise, ID, USA)
- P36 Freiberg's infraction - Treatment with metatarsal neck dorsal closing wedge osteotomy  
P. Huang, Y.M. Cheng (Kaohsiung, Taiwan)
- P37 Morphological changes in the sinus tarsi in pediatric flatfoot  
N. Markopoulos, F. Esposti, F. Pelillo, L. Balzarini, N. Portinaro (Rozzano, I)
- P38 Metatarsophalangeal joint preserving surgery for the rheumatoid forefoot  
L. A. Williams, M.P. Tomlinson (Auckland, NZ)
- P39 Surgical treatment of hallux valgus by mini-invasive distal osteotomy?  
A. Siqueira (Rio de Janeiro, BR)

- P40 An evaluation of foot problems in rheumatoid arthritis (RA) patients  
J. Verduyck, G.A. Matricali, A. Boonen, V. Taelman, P. Verschuere, A. Sileghem, L. Corluy, R. Westhovens (Leuven, Maastricht, Genk, Hasselt, B)
- P41 Osteomyelitis of the cuboid caused by migration of foreign bodies; a case report  
H. Yamaguchi, M. Takao, H. Nishi, Y. Uchio, M. Ochi (Shimane, Hiroshima, J)
- P42 Weil osteotomy for metatarsalgia of lesser toes with hallux valgus  
J. W. Lee, S.H. Han, S.K. Kwon, S.B. Hahn, E.S. Kang (Seoul, Korea)
- P43 Distal chevron osteotomy with one BOLD screw fixation in hallux valgus  
S. H. Han, J.W. Lee, H.K. Yoon, S.B. Hahn, E.S. Kang (Seoul, Korea)
- P44 The digital nerve stretch test: a sensitive indicator of Morton's neuroma and neuritis  
D. J. Cloke, M.E. Greiss (Whitehaven, UK)
- P45 Minimal invasive surgery for the correction of the hallux valgus  
F. J. Saavedra Carbajal, E. Castaneda Landa, L. Benitez Pozos (México City, Mexico)
- P46 Cadaveric strain gauge study demonstrates optimal positions for plantar fascia stretch exercises  
B. F. DiGiovanni, R.M. Flanagan, D.A. Nawoczenski (Rochester, NY, USA)
- P47 Percutaneous drilling for chronic heel pain  
S. Santini, A. Rebecato, G. Turi, L. Nogarin (Vicenza, Mantua, I)
- P48 Assessment of foot loading in diabetics. The role of Achilles tendon and plantar fascia  
C. Giacomozzi, E. D'Ambrogi, L. Uccioli, V. Macellari (Rome, I)
- P49 Radiofrequency-based microtenotomy, a minimally invasive procedure for chronic tendinosis of the foot and ankle  
J. P. Tasto, D. Amiel, J. Locke, J. Cummings, K. Hanson, F. Harwood (San Diego, CA, USA)
- P50 Pigmented villonodular synovitis localized in posterior tibial's tendon sheath  
R. Abad, S. Zabala, V. Baena, M. Jimeno (Barcelona, E)
- P51 Replacement arthroplasty for hallux rigidus - early results  
B. Balain, M.C. Trevett (Worcester, UK)
- P52 The effect of peroneal longus and posterior tibialis tendon for the transverse foot arch. A biomechanical study  
T. Kokubo, T. Hashimoto, H. Yajima, H. Ikezawa, S. Inokuchi (Tokyo, J)
- P53 Treatment of macrodactyly in an adult foot (A case report)  
J. H. Ahn, K.W. Lee, W.J. Kim, Ha.Y. Kim, W.S. Choy (Daejeon, Korea)
- P54 Isolated gout of the hallucal medial sesamoid - A case report  
H. G. Jung, J.W. Yu, J.H. Go, M.H. Kim (Cheonan, South Korea)
- P55 Preliminary results of fibular tendon stabilisation under tendinoscopy  
S. Guillo, C. de Lavigne, S. Jambou, O. Laffenetre (Bordeaux, F)
- P56 Chevron osteotomy for correction of hallux valgus  
A. A. Moreira Mendes, M. Pires Prado (San Paolo, BR)
- P57 A comparison of cost effectiveness for accelerated rehabilitation after surgical treatment of the acute Achilles tendon rupture  
T. Yotsumoto, M. Takao, Y. Sakai, K. Naito, M. Kono, Y. Uchio (Shimane, J)
- P58 Arthroscopic ankle fusion with using the 2 medial cannulated screws  
H. J. Kim, T.S. Kim, J.R. Yoon, C.H. Park (Seoul, Korea)
- P59 Severe hallux valgus could be successfully treated with a distal-soft tissue procedure and distal metatarsal osteotomy  
H. Kura, K. Ohtera, K. Watanabe, A. Teramoto, T. Yamashita (Sapporo, J)

- P60 Hallux valgus deformity associated with Os intermetatarsale: analysis 8 cases  
K. T. Lee, K.W. Young, J.Y. Kim, S.D. Cha, E.S. Kim (Seoul, Korea)
- P61 Treatment of tibial plafond fracture using Ilizarov external fixator  
K. T. Tashiro, T. Teramoto, Y. Makino, . Ohtsuka, T. Miyamoto, K. Takaki (Nagasaki, J)
- P62 The first metatarsophalangeal joint meniscus: an anatomical and clinical study  
G. Dereymaeker, T. Mulier (Leuven, B)
- P63 Relationship between the shortening of the first metatarsal and range of motion of the first metatarsophalangeal joint after bunion surgery  
N. Samoto, Y. Miyauchi, K. Sugimoto, C. Kitada, Y. Tanaka, Y. Takakura (Nara, Osaka, J)
- P64 Changes of foot alignment in hallux valgus  
M. Kubota, N. Yui, T. Taguchi, N. Tanabe, N. Nakano, K. Mochizuki, K. Fujii (Tokyo, J)
- P65 Distal metatarsal osteotomy in treatment of recurrent hallux valgus  
L. Milano, G. Peretti (Rozzano, I)
- P66 Comparison of Chevron-Akin osteotomy and distal soft tissue reconstruction-Akin osteotomy for correction of mild hallux valgus  
A. Basile, A.U. Minniti de Simeonibus, M. Stopponi, A. Battaglia, A. Campi (Rome, I)
- P67 Stress fracture of the proximal phalanx of the great toe - Report of six cases  
H. Ikezawa, N. Usami, T. Sakurada, A. Waseda, S. Inokuchi (Tokyo, J)
- P68 Stress fracture of accessory navicular bone  
J. Bada, J. Bassò, J.R. Aguilera, X. Chornet, J. Rodriguez, R. Oller (Blanes, E)
- P69 The management of wound complications following calcaneal fracture fixation using an extended lateral approach  
Z. Mohammad, A. Quereschi, A. Misra, D. Prinsloo, D. McBride (Stoke on Trent, UK)
- P70 Post-traumatic flatfoot deformity in child: a case report  
L. Bondi, R. Bondi, A. Folliero, M. Celi, R. Iundusi, U. Tarantino (Rome, I)
- P71 Surgical treatment of severely lesser toe deformities: many particular cases  
A. Folliero, L. Bondi, R. Bondi, R. Iundusi, U. Tarantino (Rome, I)
- P72 Hallux rigidus treated with sliding osteotomy. Clinical study  
A. Caprio, F. Oliva, F. Treia (Rome, I)
- P73 Effect of low intensity ultrasound on healing of arthroscopic ankle arthrodesis  
N. Gurbani, (Bellflower, CA, USA)
- P74 Estrogen receptor expression in posterior tibialis tendon dysfunction. A pilot study  
J. Bridgeman, Y. Zhang, H. Donahue, P. Juliano (Hershey, PA, USA)
- P75 Differences in elements among the three components of the spring ligament fibrocartilage complex  
A. Taniguchi, Y. Tanaka, T. Kumai, M. Noboru, K. Kadono, Y. Takakura, S. Tohno, Y. Tohno (Nara, J)
- P76 Evaluation of the longitudinal arch of the foot in os tibiale externum in asymptomatic athlete and symptomatic patient  
T. Komeda, S. Nakayama, Y. Tanaka, Y. Takakura (Nara, J)
- P77 Pedobarograph studies on patients with metatarsalgia  
V. Kumar, F.G. Attar, A. Adedepo (Middlesbrough, UK)
- P78 Pedobarograph study in hallux rigidus patients  
F. G. Attar, V. Kumar, A. Adedepo (Middlesbrough, UK)
- P79 Foot function following operative fixation of displaced intra-articular calcaneal fractures (DIACF)  
U. K. Debnath, C. Tansey, S. Kadambande, G. Gillespie, K. Hariharan (Newport, UK)

- P80 Intraoperative three-dimensional imaging (ISO-C-3D) during minimally invasive surgery in foot fractures  
S. Zech, J. Geerling, D. Kendoff, P. Droste, M. Frink, C. Krettek, M. Richter (Hannover, D)
- P81 Tendon arthroplasty of the first metatarsophalangeal joint in hallux rigidus  
A. Saracino, F. Barca (Modena, I)
- P82 Peroneal tendon repair with autologous hamstring tendons  
A. Ozgur, H. Ozer (Ankara, TR)
- P83 Mini-fixator assisted correction of DMAA in hallux valgus surgery  
A. Ozgur, (Ankara, TR)
- P84 Long term follow up of extensor digitorum brevis transfer for lateral ankle instability  
R. Bansal, C. Taylor, I.D. Sargeant (Prestatyn, UK)
- P85 The Scarf osteotomy for correction of hallux valgus in rheumatoid arthritis  
R. P. Berg, W. Kelder, P.G.M. Olsthoorn, R.P. Poll (Amsterdam, NL)
- P86 The use of a new angle (DM2AA) for the surgical planification of hallux valgus  
J. Y. Coillard, P. Determe, P. Diebold, X. Roussignol, Talus Group (Lyon, F)
- P87 Osteomyelitis of cuboid bone  
K. Matsuzaki, Y. Suda, S. Inokuchi (Tokyo, J)
- P88 Gait analysis and computer simulation: a helpful tool to indicate hindfoot surgery  
C. Wyss, (Aarau, CH)
- P89 Percutaneous suture of the Achilles tendon rupture in modified technique - Prevention of iatrogenic damage to the Nervus Suralis?  
O. Meyer, G. Godolias (Herne, D)
- P90 In vitro evaluation of fragment excision on ankle and subtalar joint stability  
P. Langer, F. Nickisch, D. Spenciner, B. Fleming, C. DiGiovanni (Providence, RI, USA)
- P91 Using intraoperative three-dimensional imaging (ISO-C-3D) within calcaneal fractures  
M. Frink, J. Geerling, S. Zech, D. Kendoff, M. Citak, P. Droste, C. Krettek, M. Richter (Hannover, D)
- P92 New techniques for weight bearing amputees in severe calcaneum destruction  
A. Liberson, (Haifa, IL)
- P93 Our experience in the surgical treatment of TTS  
M. Alpers, D. Angel, A. Liberson (Haifa, IL)
- P94 New trans Achillotendon approach to the calcaneal osteotomy  
P. Yesipov, D. Angel, A. Liberson (Haifa, IL)
- P95 Retrograde nailing for severe ankle deformity in Charcot joint. A limb salvage procedure  
A. Volpe, L. Dalla Paola, D. Varotto, A. Postorino, E. Brocco, S. Ninkovich (Abano Terme, I)
- P96 Biomechanical metatarsalgia: algorithm of surgical treatment and follow-up  
D. Varotto, A. Postorino, A. Volpe (Abano Terme, I)
- P97 Continuous sciatic nerve block for post-operative pain control after outpatient foot and ankle surgery  
S. Anderson, S. Klein, J. Nunley (Durham, NC, USA)
- P98 Development of the in vitro lower extremity preparation for the study of the gait-controlling neural system  
T. Hashimoto, Y. Okada, H. Yajima, T. Kokubo, H. Ikezawa, S. Inokuchi (Shizuoka, Tokyo, J)
- P99 The theory and results of the new distal tibial osteotomy for the osteoarthritis of the ankle  
K. Otsuka, T. Teramoto, Y. Makino, K. Tashiro (Nagasaki, J)
- P100 Clinical results of the correction of the rotational deformity treated by Ilizarov external fixator  
T. Miyamoto, Y. Makino, K. Tashiro, K. Otsuka, T. Teramoto (Ekisaikai, Sasebo, Nagasaki, Oomura, J)

- P101 Minimal access gastrocnemius slide - results of a new technique  
H. K. Tanaka, S.T. Hansen, K. Hariharan (Newport, Seattle, UK, USA)
- P102 Myxoid liposarcoma of the foot that mimics tarsal tunnel syndrome - a case report  
Y. J. Chou, H.P. Teng, C.Y. Wong (Kaohsiung, Taiwan)
- P103 Is the second metatarsal base vital to the stability of the Lisfranc joint?  
H. J. Kim, K.J. Han (Suwon, Korea)
- P104 Osteochondral transplant of fresh cadaver talus augmented with Symphony™ autogenous growth factor for large talar osteochondral defects  
N. A. Abidi, R.F. Anderson (Santa Cruz, CA, USA)
- P105 Arthrodesis of the first metatarsophalangeal joint for idiopathic hallux valgus: intermediate results  
C. J. Jones, B.R. Grebing, M.J. Coughlin (Charlotte, NC, Boise, ID, Belleville, IL, USA)
- P106 How was hallux valgus reconstructed with Mitchell procedure - Evaluation using two-dimensional mapping system  
S. Isomoto, Y. Tanaka, K. Narikawa, I. Higashiyama, T. Kumai, Y. Takakura (Nara, J)
- P107 Effect of triamcinolone on human tendon explants - an in vitro study  
M. Wong WN, W.T. Lui (Shatin, Hong Kong)
- P108 Weil osteotomy for bunions  
S. I. Kosugi, Y. Tanaka, T. Kumai, K. Hayashi, S. Isomoto, K. Narikawa, Y. Takakura (Nara, J)
- P109 Extra-corporeal shockwave therapy for the treatment of plantar fasciitis  
F. Khan, J. Harty, C. Healy, R. Stack, P. Hession, L. D'Souza (Limerick, IRL)
- P110 Ankle grinding test for osteochondral lesion of talus  
I. T. Chu, J.W. Chung, H. W. Park (Seoul, Korea)
- P111 New operative procedure for hallux rigidus  
N. Usami, E. Hiraishi, A. Waseda, C. Shimamura, T. Ashida, H. Ikezawa, S. Inokuchi (Tokyo, J)
- P112 Overuse ballet injury of the metatarsals  
E. Hiraishi, S. Ogawa, T. Honma, S. Yasui, H. Sakihara, G. Tanabe, K. Ito (Tokyo, J)
- P113 Dynamic gait analysis concerning the mobility of the first ray in TMT1  
P. Lindenlaub, C. Wyss (Aarau, CH)
- P114 Is the abnormality of sesamoid affected results of hallux valgus surgery?  
K. T. Lee, K.W. Young, J.Y. Kim, S.D. Cha, E.S. Kim (Seoul, Korea)
- P115 Pedobarographic examination following total first metatarsophalangeal joint replacement  
G. Bourke, (Melbourne, AUS)
- P116 Metatarsalgia and pronation syndrome of the subtalar joint: some consideration  
E. Parino, P.C. Pisani (Turin, I)
- P117 C.N.F. (Calcaneal Notch Filler) for the surgical treatment of flat foot  
A. Rebecato, S. Santini, R. Schiavon, G. Turi, L. Nogarin (Vicenza, Mantua, I)
- P118 Treatment of Brachmetatarsia using ceramic implant  
T. Ishida, M. Noguchi (Kyoto, Tokyo, J)
- P119 Outcome of cheilectomy for hallux rigidus  
K. Nagasawa, M. Noguchi, K. Ikoma, M. Maki, W.C. Kim, T. Kubo (Kyoto, Tokyo, J)
- P120 Outcome of distal soft tissue procedure with proximal crescentic osteotomy and Mitchell procedure for hallux valgus deformity  
M. Noguchi, K. Ikoma, K. Nagasawa, M. Maki, K. Inoue (Tokyo, Kyoto, J)

- P121 Arthroscopic treatment of chondral lesions at the ankle joint with Maciâ  
D. Clementi, A. Gigante, S. Marzorati, F. Greco (Bollate, Ancona, I)
- P122 Simultaneous operation using modified Ludloff osteotomy in bilateral hallux valgus  
S. U. Yu, J.S. Kim, S.H. Woo, G.J. Lee, K.C. Kim, S.H. Ha (Daegu, Korea)
- P123 Fixation of the Chevron osteotomy with a self-cutting break-off screw  
G. J. Cush, R.M. Marks (Milwaukee, WI, USA)
- P124 Iloprost in the treatment of bone-marrow oedema of the talus: case-report  
N. Heybeli, S. Gursu, B. Demir, V. Sahin (Istanbul, TR)
- P125 The correction of severe complex foot deformities with the Ilizarov technique  
B. Demir, N. Heybeli, K. Ozturk, V. Sahin (Istanbul, TR)
- P126 Hematomas of the lateral aspects of ankle and foot  
K. Shoukry, (Paris, F)
- P127 Age related change in Human Achilles tendon-biochemical and morphological studies  
T. Taguchi, M. Kubota, M. Saito, N. Yui, M. Tsuji, K. Marumo, K. Fujii (Tokyo, J)

# SCIENTIFIC INFORMATION

## Posters

Posters will be exhibited at the designated area for all the duration of the meeting. Poster dimensions: cm. 80 (width) x cm120 (height) MAXIMUM.

Authors can affix their posters on September 15, 2005 and should remove them on September 18, at the end of the meeting. The Organizing Secretariat will not be responsible for posters left in the congress area.

## Best Papers Prizes

Newdeal, with the endorsement of IFFAS, will assign 2 prizes to the best papers presented in the meeting:

Best Clinical presentation: Takakura prize (value 5000 USD)

Best Research presentation: Presidential prize (value 5000 USD)

For information please contact the Organizing Secretariat Desk.

## Official Language

English will be the official language of the meeting.

No simultaneous translation will be provided.

## Badge

Each participant will receive a personal badge upon registration to the meeting.

The badge is the official pass and should be always worn to gain entry to the sessions and social events.

## Certificate of Attendance

A certificate of attendance will be given to all the registered participants who will request it at the Organizing Secretariat Desk.

## ECM Credits

Accreditation for ECM has been requested to the Italian Health Ministry (for Italian participants only).

## EFAS Secretariat

The EFAS Secretariat will be present with a desk for all the duration of the meeting.

## Slide Centre

In order to guarantee a high quality of projection and a smooth running of the sessions, the meeting rooms will be equipped **only** for PC projection, operated through a single system which will serve all the rooms.

**No traditional slide projection will be available and it will not be possible to connect laptops in the meeting rooms.**

Speakers are requested to use Power Point 2000 for Windows; their presentation must be delivered (saved on a Floppy Disk or CD-ROM, or Flash Card or Pen Drive) to the Slide Centre, available on the premises, at least 45 minutes prior to their talks. To avoid delays, we strongly recommend that the presentations do not exceed 20 MB.



# GENERAL INFORMATION

## Congress Venue

ROYAL CONTINENTAL HOTEL  
Via Partenope, 38  
80121 NAPLES, Italy  
Tel. +39.081.2452068  
Website: [www.hotelroyal.it](http://www.hotelroyal.it)

## Organizing Secretariat

O.I.C. S.r.l.  
Via Fatebenefratelli, 19  
20121 MILAN, Italy  
Tel. +39.02.6571200  
Fax +39.02.6571270  
E-mail: [IFFAS-2005@oic.it](mailto:IFFAS-2005@oic.it)  
Website: [www.oic.it/iffas2005](http://www.oic.it/iffas2005)

## EFAS

Those wishing to apply for membership at the EFAS are kindly requested to contact the EFAS Secretariat in the meeting area

## Registration Fees

PLEASE NOTE THAT UNTIL JULY 15, 2005 IT WILL BE POSSIBLE TO REGISTER TO THE MEETING WITH THE LATE REGISTRATION FEES. PLEASE USE THE ONLINE FORM [WWW.OIC.IT/IFFAS2005](http://WWW.OIC.IT/IFFAS2005)

ON SITE REGISTRATION FEES		
A)	IFFAS /EFAS MEMBERS	€ 800,00
B)	NON MEMBERS	€ 900,00
C)	STUDENTS/YOUNG DOCTORS (up to 30 years)*	€ 300,00
D)	ACCOMPANYING PERSONS	€ 190,00
E)	GUIDED TOURS	
1)	September 16, 2005: Half day sightseeing tour of Naples	€ 80,00
2)	September 17, 2005: Full day excursion to Pompei & Ercolano	€ 100,00

Fee payments have to be made in Euro. VAT is already included in the listed fees.

(\* Copy of a document proving the student/young doctor status should be provided)

A/B/C) The fee includes access to the scientific sessions, abstract book, congress kit, working lunches, and access to the welcome cocktail (fees A and B only).

D) The accompanying persons fee includes the welcome cocktail, 1 full-day excursion to Pompei/Ercolano, and 1 half-day sightseeing of Naples. On-site registrations will be accepted only upon availability.

## Working Lunches

Working lunches are included in the registration fees A and B.

## Guided Tours

### Friday, September 16, 2005

Half day (morning) sightseeing of NAPLES (historical centre and subterranean Naples)  
Lunch in a typical restaurant.  
Meeting point in the hall of Hotel Royal at 9.00

### Saturday, September 17, 2005

Full day excursion to POMPEI and ERCOLANO

Lunch in a typical restaurant.  
Meeting point in the hall of Hotel Royal at 9.00

On-site registrations will be accepted only upon availability.

## **How to reach Naples**

### **By air**

Naples International Airport (Capodichino), about 8 km / 5 miles northeast of the city centre, is southern Italy's main airport. Located near the city centre, Capodichino Airport has two terminals, which are within easy walking distance of each other. Naples airport is used by many major international airlines and the airport handles a large number of flights.

Naples International Airport / Capodichino Airport (NAP)  
Viale F. Ruffo di Calabria, 80144 Naples, Italy  
Tel. +39.081.789.6111

### **By train**

Naples is served by a full range of trains. The city of Naples is a main rail hub for southern Italy and the city's largest and most important train station is the Stazione Centrale in Piazza Garibaldi. Many trains that originate in the north pass through Rome and terminate in Naples. From here there are both local and national lines that travel into the suburbs of Naples and down the coast to Sorrento and beyond, via Pompei and Ercolano. There are up to 30 trains that travel daily between Naples and Rome and the journey time is around 2.5 hours.

## **IMPORTANT NOTICE**

If you take a TAXI from the airport or railway station please keep in mind that there are fixed fares that must be applied, on request, by the driver.

The fare from Capodichino Airport to the Hotels Royal-Continental, Vesuvio, Excelsior, Santa Lucia is of Euro 19,00

From the airport to the city centre the fare can be of Euro 12,50 or 16,00 maximum

From the railway station (Central Station) to the hotels Royal-Continental, Vesuvio, Santa Lucia, Excelsior the fare is of Euro 9,50

### **By car**

Napoli is located at the end of the A1 highway (Milan-Naples) and is served by a local ringroad (T04-Tangenziale di Napoli). In order to reach the congress venue, Hotel Royal Continental, participants arriving by car should leave the tangenziale (ringroad) at the Via Marittima-Porto exit.

## **Weather and clothing**

At the middle of September temperatures are around 27-30 °C (80-86°F) during the day, and 20-25 °C (68-77 °F) during the night.

## **Electricity supply**

The voltage current in Italy is 220 volts, 50-Hz AC.

Italian outlets only accept round-prong plugs.

Appliances designed to operate on 110/120 volts require a voltage converter and a plug adapter.

## **Banking**

The official Italian currency is the Euro (€).

Money can be easily exchanged at all main banks. Traditional banking hours are Monday through Friday, from 8.20 am to 1.20 pm and 2.30 to 3.30.

Banks are closed on Saturday and Sunday.

Cash points are located outside the major banks to provide 24-hour service.

Most hotels and shops accept credit cards and the main foreign currencies, although the exchange rate can be slightly less favourable.

## **Insurance**

The Congress Organizers do not accept any liability for personal injuries sustained or loss of, or damage to, property belonging to congress participants (or their accompanying persons), either during or as result of the congress.

## **SOCIAL PROGRAM**

### **Opening Ceremony & Welcome Cocktail**

The Opening Ceremony will take place in the late afternoon of September 15, 2005, in the Auditorium at the congress venue.

The Welcome Cocktail will take place at 21.00 at Palazzo Reale, Naples.

Before the cocktail, a private guided visit of the Palazzo Reale Museum has been organized.

All registered delegates and accompanying persons can attend the welcome cocktail and participate in the visit of the Museum.

Bus transfers to Palazzo Reale will be provided from the congress venue. The first bus will leave at 20.30.

Meeting point in the hall of hotel Royal at 20.30.

### **Social Dinner**

The social dinner will take place on September 17, 2005, at 21.00 in the restaurant of the hotel Royal.

On site requests will be accepted upon availability.

No refund will be possible.