XVth Congress of the Federation of Societies for Surgery of the Hand

Bucharest, Romania
June 23 - 26, 2010

www.fessh2010.com

Final Programme
Primary Care of Complex Injuries of the Hand & Wrist

Editor
Thierry P. Dubert
Co-Editors
Alexandru V. Georgescu
Panayotis N. Soucacos

A MUST HAVE!
Ask about this book at the Congress Secretariat.
Welcome message
do the Secretary General of the Federation of European Societies for Surgery of the Hand,
Massimo Ceruso

Dear FESSH members, dear friends,

Our Federation consolidates through a process of maturation which is substantially founded upon the quality and number of contributions of the member nations. Such a contribution is brought, keeping each specific cultural makeup, within a common language and in the interest of a shared cultural and operational purpose.

Romania is the welcome host of our fifteen annual Congress and this year’s Instructional Course clearly expresses this assumption: it deals with an aspect of our discipline in which the host nation has expressed one of its most significant contributions; it updates, with its innovative and comprehensive approach, a subject which is of daily interest for the most of us; it collects, involving a large number of authors, the contributions of most of the member nations, and opens itself to the meaningful participation of the newer European Hand Societies that by right participate in the growth and consolidation of our professional quality.

The full realization of our Federation’s European size represents one of the most heartfelt FESSH current objectives, and happens through the harmonization of the formative processes, research, study, information and accreditation in which the Federation takes interest.

I am certain that the Congress will be rich and fruitful in each of its aspects, both scientific as convivial and I am also certain that Bucharest will happily surprise those who have not yet had the chance to visit this city which is so rich in spirit and history in a country which has such quality and warmth.

I wish you all a positive work experience and a pleasant stay.

Prof. Massimo Ceruso
Secretary General of FESSH

Welcome Message
of the President of the Romanian Society for Surgery of the Hand,
Teodor Stamate

Dear friends,

On behalf of the Romanian Society for Surgery of the Hand, I’m very happy and honored to invite you all, surgeons and hand therapists, at the XVth FESSH Congress, that will take place in Bucharest, Romania, in June 23rd-26th 2010.

This event is a great opportunity to meet specialists from all over Europe and from other continents, a time to create new connections or to continue and strengthen the old friendships and professional relationships.

The Organizing Committee is working on the scientific programme, doing the utmost to maintain the meeting’s high standards. The program is going to combine symposia, free paper sessions and workshops, which will cover the specific interests of all participants.

The FESSH Congress is an opportunity to exchange ideas and discussions about professional matters on elbow and wrist surgery, congenital diseases of the hand, or about technical progress on rheumatoid hand; about modern surgery of the tendons or last news about Dupuytren disease; about microsurgery of peripheral nerves and brachial plexus; about microsurgical modern techniques applied in complex trauma of the hand or free tissue transfers.

The numerous scientific sessions taking place simultaneously in the Ilis Grand Hotel Conference Center are going to be opened with two always present and intriguing subjects: Bone defects reconstruction in upper limb and Perforator flaps in upper limb, presented by an invited speaker. Young specialists are invited to participate in an attractive Instructional Course: Complex injuries in the upper limb, chaired by Thierry Dubert.

The Organizing Committee hopes that you will also remember Romania and Bucharest for having participated in a unique cultural tour to the great touristic places, where you are invited to taste delicious traditional Romanian food.

Some of the most important places, included in UNESCO patrimony, such as Danube Delta, North-Bucovina’s famous Churches, the old medieval Sighisoara Town or the already famous Dracula Castle, Peles Castle and the Prahova Valley will be for you a memorable time spent in Romania, for the years to come.

We intend to prepare and deliver an unforgettable scientific event, due to the presence of great specialists well-known all over the world, and also a very attractive social programme. That is why we are waiting for you all, specialists in hand surgery and hand-therapists, to join in this important meeting.

We look forward to seeing you in Bucharest, Romania!

With my warmest regards,

Prof. Teodor Stamate
President of the Romanian Society for Surgery of the Hand
Welcome Message from the Chairman of the Organizing Committee, Alexandru Georgescu

Dear friends and colleagues,

It is with great pleasure and pride that we announce you that the XVth FESSH Congress will take place in Bucharest, Romania, in June 23rd-26th 2010. On behalf of the Romanian Society for Surgery of the Hand, we are inviting you to share a wonderful experience, in a modern, yet history filled location. Romania is situated in the south-eastern part of Central Europe and Romanians are by nature hospitable, warm, friendly and with an innate sense of humor. Bucharest - Romania’s capital and largest city - was once known as the “Little Paris”. It cherished the influences of many different cultures that came and went (Roman, Greek, Turkish, German, etc) and merged them into a brilliant, original civilization. In the same time, Bucharest is one of the oldest university centers, with academic manifestations in absolutely all activity fields.

Before the Congress (June 21st -22nd 2010) the Council of FESSH will hold the 14th Diploma Examination for obtaining the European Diploma in Hand Surgery, process which validates the most qualified surgeons in this field of science. The FESSH Council will also hold its meeting in June 23rd 2010, between 10.00 and 17.00 hours.

The Congress Organizing Committee prepared a very complex and interesting scientific program, which will combine all the different aspects of upper limb pathology, including reconstruction methods for acute lesions of the bone and soft tissues, but also the most updated methods of treatment for chronic diseases, such as brachial plexus, cerebral palsy, wrist and elbow pathology, Dupuytren disease, rheumatoid and systemic diseases. There will be also a panel dedicated to congenital malformations pathology, and the microsurgical field will be very well represented by perforator flaps and tissue transfers panels.

In June 24th 2010 will take place the HTC Delegates Meeting and also the EWAS General Assembly. In June 25th it will be organized the FESSH Delegates Meeting and the FESSH General Assembly.

During the Congress will be presented an Instructional Course, divided in 5 sessions, entitled Primary care of complex injuries of the hand and wrist, having as Chairman the esteemed Professor Thierry Dubert, in which the most important and dedicated scientific personalities in hand surgery will offer glimpses of their knowledge to the participants.

In June 25th 2010 Professor Panayiotis Soucacos will approach a very interesting subject, as a keynote speaker, the molecular morphogenesis, classification and management of congenital hand anomalies.

Following the precedent set by Professor Romanowski in the last FESSH Congress, the congress organizers prepared a very interesting Eastern European Countries Panel, in which prestigious personalities from different European countries will share the accomplishments and downfalls of hand surgery in their country, in order to improve their understanding and help fasten their resolution.

Every day during the congress there will be poster presentation sessions and the most interesting and valuable one will be rewarded.

The Organizing Committee prepared for the congress participants and the accompanying persons many interesting pre- and post-congress social tours, which will offer the opportunity to better understand the Romanian way of life and the gorgeous landscape.

It is in our hands, minds and hearts to mould an impressive future together!

We are looking forward to see you in Bucharest, to share this wonderful scientific and social event!

Alexandru V. Georgescu
Chairman of the Organizing Committee

Welcome Message from the Chairman of the Scientific Committee, Steven Hovius

Dear friends and colleagues,

It is a pleasure to address you on behalf of the scientific committee of FESSH 2010 in Bucharest. The scientific committee has reviewed abstracts anonymously and has selected oral and poster presentations related to their score. As the number of slots for presentation is limited, only 200 oral presentations could be selected for either 8 or 4 minutes talks. Besides free papers, an instructional course and various discussion panels are planned.

Alexandru Georgescu and his organizing team have done a tremendous job until now. I am convinced we will have a wonderful scientific and social FESSH meeting in Bucharest.

On behalf of the scientific committee: Caroline Leclercq; Tim Davis; Max Haerle; Panayiotis Soucacos and Teodor Stamate.

We will be looking forward to meet you in Bucharest,

Kind regards

Prof. Steven Hovius
Chairman scientifi c committee

Welcome

Welcome
Leading Solutions for Upper Extremity

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VariAx™ Distal Radius

VariAx™ Hand

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Congress Committees

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Bordeianu Ion
Botan Adrian
Bratu Tiberiu
Capota Irina
Chertif Constantin
Ciuce Constantin
Crainiceanu Zorin
Enescu Dan
Finica Andon

Ionescu Dumitrescu Dima
Lascu Ioan
Luchian Stefan
Mastacaneanu Mihaela
Matiu Heana
Nica Sarah Adriana
Pieptu Dragos
Stamate Teodor
Visa Irina

Scientific committee
Chairman: Steven Hovius (the Netherlands)
Members:
Tim Davis (UK)
Max Haerle (Germany)
Caroline Leclercq (France)
Panayiotis Soucacos (Greece)
Theodor Stamate (Romania)

Instructional Course
Chairman: Thierry Dubert (France)
Members:
Alexandru Georgescu (Romania)
Panayiotis Soucacos (Greece)
FESSH Societies

FESSH Council Members
- Secretary General: Massimo Ceruso
- Treasurer: Daniel V. Egloff
- Examination Committee: Zolt Szabo
- Hand Surgery Training Committee: David Warwick
- Internet Committee: Georgio Pivato

FESSH National Society Members
- Austria: Österreichische Gesellschaft für Handchirurgie (ÖGH)
- Belgium: Belgian Hand Group (BHG)
- Bulgaria: Bulgarian Society for Surgery of the Hand (BSSH)
- Czech Republic: Czech Society for Surgery of the Hand (CSSH)
- Denmark: Dansk Selskab for Håndkirurgi (DSH)
- Finland: Suomen Kasikirugi Yhdistys (SKY)
- France: Société Française de Chirurgie de la Main (SFCM/GEM)
- Germany: Deutsche Gesellschaft für Handchirurgie (DGh)
- Greece: Hellenic Society for Surgery of the Hand (HSSH)
- Hungary: Magyar Kézsebészeti Társaság
- Ireland: Irish Hand Surgery Society
- Italy: Società Italiana de Chirurgia della Mano (SICM)
- Norway: Norsk Forening for Handkirurgi (NFH)
- Poland: Polskie Towarzystwo Chirurgii Ręki (PTCHR)
- Portugal: Sociedade Portuguesa de Cirurgia da Mão (SPCM)
- Romania: Societatea Romana de Chirurgie a Mainii (SRCM)
- Russia: Russian Society for Surgery of the Hand (RSSH)
- Slovenia: Slovenian Society for Surgery of the Hand (SSSH)
- Spain: Sociedad Española de Cirugía de la Mano (SECM)
- Sweden: Svensk Handikururgisk Förening (SHF)
- Switzerland: Schweizerische Gesellschaft für Handchirurgie (SGH) / Société Suisse de Chirurgie de la Main (SSCM)
- The Netherlands: Nederlandsche Vereniging voor Handchirurgie (NVVH)
- Turkey: Türk el Cerrahisi Dernegi (TCD)
- United Kingdom: British Society for Surgery of the Hand (BSSH)

Corresponding Members
- Israel: Israel Society for Surgery of the Hand
- Lithuania: Lithuanian Society for Surgery of the Hand
- Slovak Republic: Slovak Society for Surgery of the Hand
- South Africa: South Africa Society for Surgery of the Hand (SASSH)

Research Committee: Jan Fedden
Hand Trauma Committee: Thierry Dubert
Journal of Hand Surgery Committee: Marco JPF Ritt
Chairman European Accreditation of Hand Surgery: Frederic Schaud
Historian: Andreas Gehritz

Past FESSH Congresses
- I 1993, Brussels, Belgium: G. Lejeune
- II 1994, Dublin, Ireland: J. Varian
- IV 1997, Bologna, Italy: A. Landi
- V 1998, Vienna, Austria: H. Milla
- VI 1999, Bonn, Germany: P. Bruer
- VII 2000, Barcelona, Spain: A. Luch
- VIII 2002, Amsterdam, Netherlands: S. Hovius
- IX 2003, Lisbon, Portugal: A. C. Ferreira
- X 2005, Gothenburg, Sweden: A. Nachemson
- XI 2006, Glasgow, Scotland: P. Burge
- XII 2007, Athens, Greece: K. N. Malizos
- XIII 2008, Lausanne, Switzerland: D. V. Egloff
- XIV 2009, Poznan, Poland: L. Romanowski

Next FESSH Congresses
- 2011 XVI FESSH Congress: Oslo, Norway
- 2012 XVII FESSH Congress: Antwerp, Belgium
- 2013 XVIII FESSH Congress: Antalya, Turkey

FESSH Congresses

Did You Miss The Examination In 2010?
For further information about European Diploma in Hand Surgery, please visit www.fessh.com
Applications for 2011 are accepted by December 1st, 2010
XVth Congress of FESSH, Bucharest, Romania

Congress Date
The Congress will be held from Wednesday, 23rd of June, 2010 to Saturday, 26th of June, 2010.

Venue
The XV Congress of FESSH will be held at
RIN GRAND HOTEL CONFERENCE CENTER
7D Vitan - Bârzeşti Street, Bucharest, Romania
Phone: +40 731 110 800; Web: http://www.rinhotels.ro
The Rin Grand Hotel Conference Centre is situated at 8 Km from the city centre and 25 Km from the “Henri Coanda” International Airport.

Official Language
English will be the official language of the Congress. There will be no simultaneous translation.

Continuing Medical Education
The XV Congress of FESSH is in progress of obtaining European CME Accreditation awarded by the UEMS/EACCME in Brussels. UEMS accreditation includes a charter with the American Medical Association.
The Congress will also be awarded Romanian CME Accreditation.

Registration
Registration for pre-registered participants and on site registration as well as the other desks will be located in the lobby (the ground floor) at the RIN GRAND HOTEL CONFERENCE CENTER.
The opening hours of the registration area are as follows:
• June 23, 2010: 14:00 - 18:00
• June 24, 2010: 07:30 - 19:00
• June 25, 2010: 07:30 - 19:00
• June 26, 2010: 07:30 - 13:00
Congress documentation will be available there for pre-registered delegates and for anyone wishing to register on site.
The registration package will be distributed upon registration to all pre-registered participants and on-site registered participants. At the registration desks the participants can buy the Instructional Course Book for 80 euro.

Before and after the meeting
Romania Travel Plus
56 Tudor Ştefan St., Sector 1, Bucharest 011658, Romania
Tel: +40 21 230 42 82; +40 21 230 51 10; Fax: +40 21 230 50 42
E-mail: info@fessh2010.com

Hand therapist € 190.00
Resident € 210.00
Accompanying person € 85.00

On Site Congress Registration Fees
Very late from 25th of May and on site:
- FESSH member € 570.00
- Non-FESSH member € 630.00
- Hand therapist € 190.00
- Resident € 210.00
- Accompanying person € 85.00

On Site Methods of Payment
On site payments can be made in cash EURO/LEI or by credit card. The following Credit Cards are accepted: Visa and Master Card.

Delegates Registration Fees Includes
- Admission to the scientific sessions and satellite symposia
- Abstract CD-ROM
- Congress bag with scientific materials
- Congress badge
- Admission to Exhibition
- Admission to the Opening Ceremony and Welcome Reception
- Coffee Breaks during the Congress
- Lunch vouchers (June 24 and 25)
- Free shuttle bus transportation from RIN GRAND HOTEL to city centre
- Certificate of Attendance

General Information
Congress website
www.fessh2010.com
Name Badge
A name badge is provided with your registration documents upon arrival at the conference centre. For security and regulation purposes, the wearing of the badge is compulsory at all times inside the conference centre and at all official events organized within the context of the FESSH Congress.
A 20 EURO fine will be applied for lost badges.
The badges color codes are:
- Blue ■ Delegate
- Red ■ Organizing Committee
- Green ■ Exhibitor
- Orange ■ Accompanying person
- Pink ■ Staff

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- Certificate of Attendance

Visit us at our booth (No. 6) at the FESSH Congress in Bucharest/Romania from June 23rd - 26th, 2010
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General Information

Registration Fee for Accompanying Person includes:
- Admission to the Opening Ceremony and Welcome Reception
- Admission to Exhibition
- Free shuttle bus transportation from RIN GRAND HOTEL to city center
Registration received after 25th of March, 2010 will be processed as on-site registrations.

Registration, Confirmation, Cancellation & Legal Conditions
Registration will be confirmed upon complete payment of registration fees.
Deadline for early registrations is April 12th, 2010.
Registration on site is possible during the entire Congress within the opening hours of the registration counter.
In case of cancellation of participation until April 30th, 2010 registration fee will be refunded deducting a handling fee of 20 € per person.
After April 30th, 2010 there will be no refund for registration fee. For name changes a handling fee of 20 € will be charged.
These general conditions and all administrative information are to be considered as the legal basis for all reservations. Verbal agreements are not binding, unless confirmed in writing.

Exhibition
Exhibition area:
- Geneva room, Lobby Berlin-Paris and Foyer Paris
Exhibition Dates & Opening Hours
- Wednesday, 23 June, exhibition set up
- Thursday, 24 June, from 08:00 to 19:00
- Friday, 25 June, from 08:00 to 19:00
- Saturday, 26 June, from 08:00 to 13:00
- Saturday, 26 June, from 14:00 exhibition dismantling

Instructions For Oral Presentations
PowerPoint Instructions
Please use the Microsoft PowerPoint 97-2007 (.ppt), to guarantee they will open successfully on an on-site PC. (.PPTA format will work, please come to the Speakers Preview Room at least 2 hours before presentation.
We recommend you to save your PowerPoint presentation using PPT format instead of PPS.
Please note that we cannot guarantee the quality of Macintosh-based presentations, please check in advance their Windows compatibility.

Others Information
Laser pointer will be available in all main meeting halls.
Your own laptop for the presentation will not be accepted.
When your session is over, your presentation will be deleted from all computers, no copies or back-ups will be made.
All speakers are requested to keep the time of their presentation.

E-Poster Information & Guidelines
Computers with the E-posters will be located in GENEVA room at the 13th floor. The presentation must be in PDF or PowerPoint format. Use only standard fonts (Times New Roman, Arial, Tahoma).
We recommend you to use MS PowerPoint 2007 with .pptx extension to create a poster.
It must be no longer 5 slides.
The structure of the poster must be: Title, Introduction & Aim Of The Study, Material & Methods, Results, Conclusions.
Graphics, pictures and tables are accepted.
The presentation must be sent to e-poster@fessh2010.com as an attachment.

Cash Dispenser
Cash dispensers are available in the reception lobby of the RIN GRAND HOTEL.

Parking
A car park is available for visitors of the RIN GRAND HOTEL.
Parking fee is on participant's own expense and will be paid directly to the parking representative. There is no parking place for trucks or other big vehicles.

Communications
An internet café will be available in the GENEVA ROOM, 13th floor, in the exhibition area. Printer will also be available here.

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Laser pointer will be available in all main meeting halls.
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Communications
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Wireless internet access
The entire exhibition area, all meeting rooms and central foyers will be a hotspot for wireless internet access. Connection is also possible in the hotel lobby and on the terrace of the Diamond bar.
General Information

How to get to RIN GRAND HOTEL CONFERENCE CENTER

A shuttle bus will be available between RIN GRAND HOTEL CONFERENCE CENTER and the ROMANA SQUARE – city center (the bus turns and have a station in between Dacia Bulevard and Cadera Bastiliei Street) with direct access to the metro station and public transportation. There will be no shuttle service organized by the FESSH Congress between the RIN GRAND HOTEL, and any other hotel.

Taxis are available at the airport. Vouchers for transportation will be available at the FESSH welcome desk, located in the airport on the right side of the exit door from the customs, next to the information office. One way taxi transfer is 25 euro. Money cannot be changed at the airport; therefore all participants are encouraged to pre pay their taxi transfer. Taxis are also stationed near the hotels. Please contact the hostess at the TAXI DESK for airport transfers, or other taxi drives.

The airport welcome desk will be open as follows:
- June 22, 2010 10:00 - 20:00
- June 23, 2010 08:00 - 20:00

Taxis are also stationed near the hotels. Please contact the hostess at the TAXI DESK for airport transfers, or other taxi drives.

Attention should be paid to choosing a registered cab. These have the company name, telephone and pricing marked on their doors.

Transportation between city center and RIN GRAND HOTEL CONFERENCE CENTER

<table>
<thead>
<tr>
<th>Departure from RIN GRAND HOTEL</th>
<th>Departure from ROMANA SQUARE</th>
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<tr>
<td>June 24</td>
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Tipping

All restaurant prices and taxi fares include service, but good service in the restaurant can be rewarded with a tip. Tipping is at guest's discretion.

Important Banks in Bucharest, Currency and Credit Cards

<table>
<thead>
<tr>
<th>Bank Name and Address</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>BCR – Banca Comerciala Romana</td>
<td>(040 21) 410142</td>
</tr>
<tr>
<td>Raiffeisen Bank – Western Union</td>
<td>(040 21) 410652</td>
</tr>
<tr>
<td>ING Bank – Self Bank</td>
<td>(040 21) 410652</td>
</tr>
<tr>
<td>ABN – AMRO</td>
<td>(040 21) 401070</td>
</tr>
<tr>
<td>HYB Tiriac Bank</td>
<td>(040 21) 300204</td>
</tr>
</tbody>
</table>

Money can be exchanged at banks, hotels, and private exchange offices. It is advisable to shop around. It is both illegal and not advisable to change money in the street as the chance to be cheated is very high.

The participants can also use valid cards to make payments.

Currency

The currency in Romania is LEI. EURO is not accepted. EUR 1 is currently worth about LEI 4.20

Credit Cards

Major credit cards are accepted by most hotels, restaurants, supermarkets, and shops.

Time zone

Local time in June is UTC/GMT + 3 hours.

Climate and clothing

Romania has a moderate, continental climate. The average temperature in June is 18°C -28°C. Summer is usually warm and sunny but occasionally it can be rainy, so appropriate clothing is recommended.

Passports & VISA Requirements

For residents of EU Member States and USA no visa is required. Residents of other countries, please contact the Embassy/Konsulat of Romania in your country to get information about visa requirements.

Electricity

Electricity supply in Romania is 220 Volts (50 Hz) and wall outlets are according to the European standard (CEE 7/4) with two pin plugs. The standard two pin Euro plug (CEE 7/16) can be connected to these outlets.

Disclaimer

FESSH, ASSOCETENICA and Romania Travel Plus are not responsible for any damages/losses of any kind which may occur during the FESSH Congress to the participants or person/persons accompanying them, both during the congress activities and the trips/tours. Participation is at the person's own risk. The participants are advised to make insurance against losses, accidents, or damages that may occur during the Congress. Verbal agreements will not be binding unless they are confirmed in writing.

Useful Phone Numbers

International code for Romania: + 40

<table>
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<tr>
<th>Country Code</th>
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<tbody>
<tr>
<td>09 - Country code</td>
<td>Phone number</td>
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Emergency number: 112

Catering facilities

Coffee breaks and lunch on June 24th, and June 25th are included in the registration fees. Sandwiched and snacks can be purchased on the 13th floor, near the exhibition area at all times.

Several restaurants are located within the Conference Center.

First Aid

For assistance, please contact any staff member. An ambulance will be stationed in the near vicinity of the Congress Venue for emergency needs.

Meeting rooms

All meeting rooms for FESSH Congress are located in the RIN GRAND HOTEL CONFERENCE CENTER, 1st and 13th floors.

Smoking policy

The FESSH Congress Bucharest is a non smoking event.

Speakers preview room

For the general organization, after having collected the badge at the welcome desk, each speaker should go to the preview room located to the 13th floor, room Frankfurt:
- Wednesday, June 23, 2010 16:00 – 20:00
- Thursday, June 24, 2010 07:00 – 19:00
- Friday, June 25, 2010 07:00 – 19:00
- Saturday, June 26th, 2010 07:00 – 11:00

All presentations must be in English.

Each speaker should also verify in the final program that the name of the room and the time of his session have not changed.

General Information

Important Banks in Bucharest, Currency and Credit Cards

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The participants can also use valid cards to make payments.
Traditional surgical treatment of painful OA in the hand joints changes the anatomy and is irreversible.

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- **Regain functionality**
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- **New joint surface**
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- **Preserves an intact anatomy**
  Minimal bone resection

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Floors and Exhibition Plans

EXHIBITION FLOORPLAN (PROVISIONAL)
RIN Grand Hotel Conference Center - 13th Floor

Exhibition Room - Geneva Hall

Exhibition Room - Lobby Berlin - Paris
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### Programme at a Glance

#### Thursday, June 24th, 2010

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#### Friday, June 25th, 2010

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### Key Points
- **SESSIONS**
  - EWAS Session
  - e-Posters Session
  - Registration
  - Panel Sessions
  - Instructional Courses
- **MEALS**
  - Lunch Breaks
  - Coffee Breaks
  - Gala Dinner at Club Cortina (optional)
  - Congress Dinner at Hanu Berarilor (optional)
Programme at a Glance

Monday, June 21st, 2010
11:00 – 18:30 FESSH Diploma Examination (MCQ) Rooms Berlin
15:30 – 18:30 Meeting of the Multidisciplinary Committee of Hand Surgery Room Vienna

Tuesday, June 22nd, 2010
08:00 – 18:30 FESSH Diploma Examination (Oral) Rooms Warsaw, Rome, Venice, Torino, Milan, Florence, Lisbon, Valencia, Toledo, Seville

Wednesday, June 23rd, 2010
09:00 – 18:00 FESSH Council Meeting Room Strasbourg

Thursday, June 24th, 2010
08:00 – 09:30 HTC Delegates Meeting Room Bruxelles
12:30 – 14:00 EWAS General Assembly Room Bruxelles

Friday, June 25th, 2010
07:00 – 09:00 FESSH Delegates Meeting Room Bruxelles
17:00 – 18:00 FESSH General Assembly Room London

Saturday, June 26th, 2010
10:30 – 11:30 General Assembly of Romanian Society for Surgery of the Hand Room Amsterdam
11:30 – 12:30 General Assembly of Romanian Society for Reconstructive Microsurgery Room Amsterdam
12:30 – 13:00 Closing Ceremony Room London
**Free Papers 1: Nerves**

**Chairman:** Turker Ozkan (Turkey), Teodor Stamate (Romania)

**08:00**
**LECTURE:** An assessment of the sympathetic function within the hand in patients with partial laceration of the median nerve

Andrzej Zyluk (Poland)

**08:10**
Functional outcome after median or/and ulnar nerve transection in the forearm. 66 patients

S. Gaftasakis, I. Ignatadis, I. Papakostas, N. Gerostathopoulos, A.V. Zoumbou, P.N. Sourcasos (Greece)

**08:14**
Results of tardive nerve repair after 12 months in a series of 16 patients

H. Khalifa, Z. Belkheyar, J-P. Diverrez, A. Korchi, Ch. Oberlin (France)

**08:20**
Sensory nerve transfers for the restoration of sensibility in irreparable median and ulnar nerve lesions

T. Ozkan, S. Tuncer, Bekler, A. Aydin (Turkey)

**08:27**
Reestablishing neurological function and eliminating neuropathic pain following peripheral nerve trauma

D. P. Kuffer, J. L. Sosa, C. Santiago-Figueroa (Puerto Rico)

**08:34**
Free flap coverage for neuropathic pain

D. J. van der Avoort, J. H. Coert (the Netherlands)

**08:41**
Long-term results of treatment of painful neuroma by resection and nerve stump transposition into veins

H. Kochl, M. Wiedner, J. Justich, M. Hubmer (Austria)

**08:48**
Compression of the distal ulnar nerve at the Loge de Guyon: Intraoperative findings in 92 patients

M. Muñozdor, E. Hohendorff, J. van Schoonhoven, K. J. Reiniersbergen (Germany)

**08:55**
Secondary nerve reconstruction for painful neuroma of the hand and the upper limb using biological tubulization (muscle in vein)

E. Taglieri, R. Sadun, S. Faraglia, A. Pagnotta (Italy)

**09:02**
Muscle in vein graft for the microsurgical nerve reconstruction in the distal 1/3 of the forearm

T. Stamate, M. Stamate (Romania)

**09:09**
Biological conduits for primary repair of crush nerve injuries

P. Tos, L. G. Conforti, E. Boux, P. Titeo, S. Artiaco, S. Genoa, B. Battiston (Italy)

**09:16**
Utilisation of nanotechnology for the development of a new multichannel biodegradable conduit for peripheral nerve

A. Pabari, S. Y Yang, A. Moshebi, A. M. Seifalian (UK)

**09:20**
Neurodynamics of the digital nerve


**09:27**
3D reconstruction model of epidermal fibers: A novel approach for assessment of neuropathic pain


**09:33**
A promising, novel technique using ultrasound-guided needle positioning for near-nerve stimulated myography in rats: preliminary results

T. Nyhuis, E. S. Smits, J. W. Neck van, J. T. Walbeehm, J. H. Blok, G. H. Visser, S. E. R. Hovius (the Netherlands)
09:40  Influence of lumbar sympathectomy upon sciatic nerve regeneration following its autoneuroplasty: Experimental study
Igor Golubev, M. Merkulov, V. Golubev, A. Krupatkin, V. Zeinalov, E. Loseva, O. Kurskaya (Russia)

09:44  Magnetic resonance imaging for the objective assessment of sensory neuron death after peripheral nerve injury
Ch. West, A. Hart, G. T., M. Wiberg (Sweden)

09:51  Discussion

10:00 - 10:30  Coffee Break

10:30 – 12:30  Panel: Arthroscopic Management of Distal Radius Fractures
Chairman: Francesco del Piñal (Spain), PC Ho (Hong Kong)

10:30  General technical aspects: The Innsbruck experience.
M. Gabl (Austria)

10:42  Explosion type fractures-dry technique.
J. M. Cognet (France)

10:54  DRUJ Instability, TFCC tears and styloid fractures.
A. Atzei (Italy)

11:06  Intercarpal ligament injuries.
T. Lindau (UK)

11:18  Management of concomitant scaphoid fractures.
C. Mathoulin (France)

11:30  Perilunate dislocation and fracture dislocation.
G. Hezberg (France)

11:42  The role of arthroscopy in postfracture stiffness.
R. Luchetti (Italy)

11:54  Intraarticular osteotomy and role in malunion.
F. del Piñal (Spain)

12:06  Arthroscopic Radiocarpal Fusion for Post-traumatic Radiocarpal Arthritis.
P. C. Ho (Hong Kong)

12:18  Discussion

12:30 – 14:00  Lunch

14:00 – 16:00  Instructional Course:
Primary Care of Complex Injuries of the Hand and Wrist
Session 1: Basic Concepts For Mangled Hand Management

14:00  I. Generalities
Chairman: Philippe Bellemere (France), Stefan Luchian (Romania)
1.  The epidemiology of complex hand injuries: A review of the literature
   J. J. Dias
2.  Economical aspects of injuries to the hand
   H. E. Rosberg
3.  Hand injury prevention
   T. Kaleli
4.  Hand Trauma Committee
   T. Dubert

14:33  II. Initial evaluation
Chairman: Zorin Crainicescu (Romania)
1.  Management of open hand injuries using the SATT classification system
   P. Soucacos
2.  Clinical examination
   S. Ads
3.  Post-traumatic Stress Disorder (PTSD)
   S. Hovius

14:59  III. Surgical approach
Chairman: Bruno Battiston (Italy), Teodor Stamate (Romania)
1.  Decisions and planning in complex injuries
   R. Boettcher
2.  Emergency or staged?
   U. Drexler
3.  Limits of reconstruction (when to amputate)
   P. Toss
4.  Spare parts indications
   B. Battiston
5.  Place of microsurgery
   A. Gohritz
6.  Microsurgical tricks for shortening the operating time in hand surgery
   T. Stamate
7.  Particularities in elderly
   I. Lascar
8.  Particularities of hand and wrist complex injuries in polytrauma management
   B. Battiston

16:00 – 16:30  Coffee Break
16:30 – 18:00

Instructional Course: Primary Care of Complex Injuries of the Hand and Wrist

Session 2: Recent Advances In Wrist Complex Injuries

Chairman: Massimo Ceruso (Italy), Panayotis Giannakopoulos (Greece)

1. Complex distal radius fractures with involvement of the proximal metadiaphysis
   U. Valentinotti

2. Radiocarpal dislocations
   C. Dumontier

3. Perilunate injuries
   E. Apergis

4. Palliative options in emergency following distal articular fractures of the radius
   M. Ceruso

5. Soft tissue defects around the wrist
   E. Vogelin

6. Complex fractures of the carpal bones
   L. Romanowski

7. Complex fractures of the scaphoid
   S. Romano

18:00 – 19:00

Free Papers 6: Ulna + DRUJ

Chairman: Francesco del Pinal (Spain), stavros Anagnostou (Greece)

18:00 Functional evaluation of patients undergoing Sauvé-Kapandji procedure for post-traumatic pathology of distal radioulnar joint
   P. Sotelo, L. Parra, B. Uribe – Echevarría, J. M. Breyer, A. Bifani, F. Andrade, S. von Unger (Santiago – Chile)

18:08 Long term outcome of ulnar shortening osteotomy in idiopathic ulnar impaction sSyndrome: At least 5-year follow-up
   Lee Hyuk Jin, M. S. Chung, Y. H. Lee, H. S. Gong, Y. H. Roh, G. H. Baek (South Korea)

18:16 Ulnar shortening osteotomy: Are complications under reported?
   S. Šalvador, S. Šan, M. Crag, (UK)

18:24 Ulna shortening with the ulna osteotomy locking plate - system (UOL): first experiences
   G. Schmidle, M. Gabi (Austria)

18:28 A technique for all inside TFC suturing.
   F. del Pinal, F. J. García-Bernat, L. Cagigal, C. Thams, J. Regalado, A. Studer (Spain)

18:36 Prosthetic replacement of the distal radio-ulnar joint (DRUJ). Experience with 2 designs in 13 patients
   J. Ganser, J. Wits (Sweden)

18:44 Ulnar head prostheses: mid-term follow up
   J. Messina, F. Torretta, B. Bonforti, U. Dacatra, V. Pedrini (Italy)

18:52 Discussion

08:00 – 10:00

Free Papers 2: Hand Injuries

Chairman: Musa Mateev (Kyrgyzstan), Irina Visa (Romania)

08:00 LECTURE; Themistokles Gluck 18:53-19:42) - surgical visionary against the resistance of his time and his contributions to hand surgery
   A. Gohritz, P.M. Vogt (Germany)

08:10 A paradigm revisited: The six hours limit in surgical treatment of open hand injuries
   M. A. Constantinescu, B. Joon, M. Isei, B. Angly, E. Vogeln (Switzerland)

08:18 Tactics aspects in reconstruction of upper extremity soft tissue defects
   M. Mateev (Kyrgyzstan)

08:26 Indications and limitations of posterior interosseus artery flap in hand reconstruction

08:30 Digital reconstruction algorithm with loco-regional flaps
   D. Dionysiou, A. Papas, A. Antoniou, A. Chantes, E. Demiri (Greece)

08:34 Chronic traumatic ligament instability of metacarpophalangeal and interphalangeal joint of the thumb and fingers
   E. Mackenney, E. Rebate, D. Pere, P. Hernández (Spain)

08:42 Surgical treatment for the fracture dislocations of proximal interphalangeal joint
   Koh Il-Hyun, H. J. Kang, S. P. Yoon, Y. R. Cho (South Korea)

08:50 Suzuki’s pins and rubbers traction for fractures of the base of the middle phalanx
   V. Finsen (Norway)

08:58 Minimally invasive internal fixation of intraarticular middle phalanx basis fracture
   Ph. Cuenod (Switzerland)

09:02 The intraarticular fractures occurred simultaneously in the fourth and fifth metacarpal base
   Oh Jin Rok, C. H. Lee, D. H. Kang (South Korea)

09:10 Two extension block Kirschner wires technique for mallet finger fractures
   Kim Jin Young, Y. H. Lee, M. S. Chung, G. H. Baek, S. K. Lee (South Korea)

09:14 The role of proximal pulleys in preventing tendon bowstringing: A biomechanical study using ultrasonography to measure bowstringing in different circumstances
   S. Leeflang, J. H. Coert (the Netherlands)

09:22 Modified Colzi method in the management of established Volkmann’s
   A. Doanasiewicz, J. Kaczmarzyk, A. Chelmanski, J. Jalsecki (Poland)

09:26 Functional recovery of the deep burned hand
   J. Vina, B. Baldea (Romania)

09:34 Lipofilling as regenerative medicine in acute trauma surgery of the hand: first report
   F. Bergamin, M. Borsetti, C. Cerato, A. Clemente, S. Pau (Italy)

09:42 Hand- and wrist injury malpractice claims in Dutch emergency departments
   B. M. Delavary, J.E.L. Cremers, M.J.P.F. Ritt (the Netherlands)

09:50 Discussion
Scientific Programme

10:00 – 10:30 Coffee Break

10:30 – 12:30

Panel: Strategy, Technique and Results in Brachial Plexus Reconstruction

Chairman: Alex Muset (Spain), Teodor Stamate (Romania)

10:30 Strategy and technique in upper obstetric brachial plexus
F. van Nie (The Netherlands)

10:42 Strategy and technique in total obstetric brachial plexus injuries
F. Zenes (Italy)

10:54 Results in upper and total microsurgical reconstruction
T. El-Gammal (Egypt)

11:06 Strategy in secondary surgery for hand reconstruction in obstetric brachial plexus
A. Muset (Spain)

11:18 Strategy and technique in upper traumatic lesions
T. Stamate (Romania)

11:30 Strategy and technique in total traumatic plexus
A. Bhatia (India)

11:42 Results in upper and total microsurgical reconstruction
M. Vekris (Greece)

11:54 Strategy in secondary surgery for hand reconstruction in traumatic plexus
J. Bertelli (Brazil)

12:06 Motorization free muscular transfers in traumatic brachial plexus
R. Hierner (Germany)

12:18 Discussion

12:30 – 14:00 Lunch

14:00 – 15:00

Free Papers 4: Brachial Plexus

Chairman: Jörg Bahm (Belgium), Giorgio Brunelli (Italy)

14:00 Comparison of tendon transfer results for shoulder in obstetrical palsy patients, whom had primary neurorehabilitation before or had no nerve reconstruction but only palliative surgery
A. Aydin, T. Ozkan, S. Ozkan, Z. Hossaj, N. Baydogan, M. Erer (Turkey)

14:08 Changes in rotatory movements of the shoulder after obstetric brachial plexus lesion: clinical condition, surgery, and analysis of objective prognostic factors
J. Bahm, C. Dassot-Ho-Klug, C. Ocampa-Flavey, W. Blau, F. Schuind (Belgium, Germany)

14:16 Clinical and neuropathological study about the neurotization of the suprascapular nerve in obstetric brachial plexus lesions
J. Bahm, D. Schaalke, B. Selhaus, J. Weis (Belgium, Germany)

14:24 A study into the feasibility of using the phrenic nerve harvested from the diaphragm for brachial plexus avulsion injury repair.
F. Azmil-Vaikunthan, V Rajaratnam (UK)

14:28 Clinical palsies after stretch injuries of brachial plexus roots: A newly-proposed classification system based upon a prospective study of 150 adult patients
J. A. Bertelli, M. F. Guzani (Brazil)

14:36 The use of the anterior rami of the third ansa of cervical plexus for neurotisation of the total or partial avulsed brachial plexus
G. Brunelli (Italy)

14:44 Upper and lower trapezius muscle transfer to restore abduction and external rotation in longstanding upper type palsies of the brachial plexus in adults
J. A. Bertelli (Brazil)

14:52 Discussion

15:00 – 16:00

Panel: Hand Transplant

Chairman: J. Jablecki (Poland), F. Schuind (Belgium)

15:00 Recuperation of sensibility after unilateral hand transplantation
F. Schuind, C. Van Holder, D. Mouraux, C. Robert, X. Libauton, O. Barbier, J. L. Thonnard (Belgium)

15:15 First upper arm transplantation: technical aspects and current clinical results
Ch. Hoehnke (Germany)

15:30 Rehabilitation after hand transplantation on wrist, mid-forearm, mid-arm level
J. Jablecki (Poland)

15:45 Discussion

16:00 – 16:30 Coffee Break

16:30 – 18:30

Panel: Perforator Flaps

Chairman: Geoffrey Hallock (USA), Alexandru Georgescu (Romania)

16:30 Propeller flaps: definition and technique
Marco Pignatti (Italy)

16:40 MDCT (multidirectional computer tomography) analysis of systemic suprafascial perforators directionality (SPD) for perforator flaps designing – the possibility of application for upper limb reconstruction
Shingo Oto (Japan)

16:50 The perforasome theory and the design of perforator flaps in the upper limb
Geoffrey Hallock (USA)
17:00 Perforator flaps reconstruction for upper extremity  
Jeong Tae Kim (South Korea)

17:10 Perforator flaps in reconstruction of soft tissue defects in upper limb  
Musa Mateev (Kyrgyzstan)

17:20 Distantly based ulnar artery perforator flaps in hand reconstruction  
Ioannis Ignatiadis (Greece)

17:28 Perforator flaps from the distal third of the arm for coverage of the elbow  
Paul Vigi Tas (Italy)

17:36 The place of emergency local perforator flaps in upper limb reconstruction  
Alexandru Georgescu (Romania)

17:44 Is the ALT flap the really “gold standard” for the hand?  
Roberto Adani (Italy)

17:52 Proximal phalangeal flap  
Jayme Bertelli (Brazil)

18:02 The chimeric flap: origin, terminology and role in the upper limb  
Geoffrey Hallock (USA)

18:10 Does the oblique branch of the lateral circumflex femoral artery exist? Anatomic study  
Antonio Carlos da Costa (Brazil)

18:20 Discussion

18:30 – 19:00

Free Papers 7: Perforators Flaps  
Chairman: Roberto Adani (Italy), Costache Chertif (Romania)

18:30 Mini-propeller flaps in finger’s reconstruction  
A. Georgescu, I. Capota, I. Matei, A. Olariu (Romania)

18:36 Is preoperative Doppler vascular exploration mandatory in raising forearm perforator flaps?  
I. Matei, I. Capota, I. Ignatiadis, A. Georgescu (Romania, Greece)

18:42 Applications of the perforating flaps at the level of the upper extremity  
C. Chertif, M. C. Chertif (Romania)

18:48 Local perforator flaps in elbow reconstruction  
I. Capota, I. Matei, O. Olariu, I. Ignatiadis, A. Georgescu (Romania, Greece)

18:52 Lateral intercostal artery perforator based flap in the reconstruction of antecubital and elbow reconstruction  
Acar Türk Tahsin Öğuz (Turkey)

18:56 Discussion

Room Amsterdam

07:30 – 10:00

EWAS Session  
Chairmen: Tommy Lindau (UK), Max Haerle (Germany)

07:30 Scapho-lunate problem  
1. Scapho Lunate Injuries: an anatomical study  
Jane Messiou, Luc Van Oversenaer, Riccardo Luchetti, Christophe Mathoulin

2. Wrist arthroscopy dorsal capsuloplasty in chronic scapho-lunate lesion  
Nicolas Dauphin, Vera Sallen, Christophe Mathoulin

3. Peri-lunate dislocations: should we move to arthroscopic treatment?  
Guillaume Herzberg

4. Arthroscopic decompression of scaphoid fossae of the radius in SLAC wrist: about 15 cases  
X. Martinache, JM Cognet

08:05 Wrist ganglion  
5. Volar wrist ganglion and their association to TFCC- lesions  
A. Zach, A. Eisenschink, M. Haerle

6. Recurrences of arthroscopic resection of wrist ganglia  
M. Levadoux, C. Gaillard, C. Mathoulin, R. Luccheti

7. Volar ganglia, origin of the pedicle. Implication in arthroscopic resection  
C. Leclercq

8. Scapho-lunate lesions and dorsal ganglion: is there any correlation?  
M. Haerle, Alexander Zach

08:35 TFCC tears  
9. Meta-analysis of open versus arthroscopic repair of TFCC  
N. Adlan, R. Copas, T. Lindau

10. Reliability of “Hook test” and “Trampoline Test” in arthroscopic diagnosis of TFCC peripheral tears  
A. Alza

11. Experience of arthroscopy of the wrist in patients with TFCC lesions  
N. Schmelzer-Schmied, M. Jung, W. Daecke

09:00 Miscellaneous  
12. Arthroscopic interposition of 1st CMC joint  
C. Mathoulin, Ph. Liverneaux

13. Arthroscopic management of intra-articular distal radius fracture  
I. M. Cognet, X. Martinache

14. Arthroscopic testing with hook, and classification of extrinsic ligament lesions  
I. Van Oversenaer, E. Camus

15. Biomechanical analysis of interosseous stability of the proximal row: implication of extrinsic ligaments  
E. Camus, L. Van Oversenaer

16. Arthroscopic Sauvé-Kapandji: what are the advantages?  
R. Luchetti, A. Alza, R. Cazzolino
Scientific Programme

17. Assessment and classification of Kienböck’s disease
G. Bain

18. Arthroscopic management of scaphoid nonunion
P. C. Ho

10:00 – 10:30 Coffee Break

10:30 – 12:30

Free Papers 3: Various 1
Chairman: Pierluigi Tos (Italy), Mihai Ionac (Romania)

10:30 LECTURE: Distraction lengthening by callotasis in the forearm
Sakohn Toh (Japan)

10:42 LECTURE: Trapezial osteotomy for trapezial hypoplasia
Mohammed El-Mahy (Egypt)

10:54 Pyrocarbon pip joint arthroplasty: outcomes of a sequential case series
C. D. White, M. W. Solomon, S. L. Carter (South Africa)

11:10 Mid term results of replacement arthroplasty of the proximal interphalangeal joint using the pyocarbon prosthesis
A. Elgammal, B. Lukas (Germany)

11:18 The importance of the appearance and state of Clinician’s hands - the patient’s perspective.
R. Sharma, I. Yunas, V. Rajaratnam (UK)

11:26 Deformity of the long fingers in complex (extrinsic and intrinsic) spastic hands in adult brain-damaged patients. A report on 69 hands operated.
Y. Allieu, G. St. Yves, P. Denormandie, T. Judet (France)

11:34 The Treatment of rhizarthrosis with Saddle-joint prosthesis Elektra versus Martini operation
S. Froschauer, H. Schoeffl, E. Hudsky, D. Hager, G. M. Huemer, O. Kwasny (Austria)

11:42 Tenosuspension technique with suture-anchor in first carpo-metacarpal joint arthritis - a new technique compared with Ceruso-Weilby arthroplasty
A. Vitali, L. Martini, G. Caruso, L. Preziuso (Italy)

11:46 Trapezeotomy with and without ligament reconstruction acc. to Epping. A prospective randomized multicenterstudy of the German Society for Surgery of the Hand (DGH)
M. Richter, P. Buerse, R. Lefering (Germany)

11:54 Threaded K-wires for treatment of proximal phalanx shaft fractures of the hand - a biomechanical study
A. Zoch, J. Langner, A. Ekenkamp, H. Menk (Germany)

11:58 Radio-anatomic study of partial trapeziectomy under arthroscopy
P. Desmousau, J. Beldame, H. Galley, J. Duparc (France)

12:06 Comparison of Martin and Jamar dynamometers for measuring grip strength
S. Privat, Ch. Robert, D. Mounaux, P. Cullus, W. El Kazzi, F. Schuind (Belgium)

12:10 LECTURE: Value of the DASH questionnaire in subjects over fifty years
C. Baudon, D. Mounaux, Ch. Robert, P. Cullus, W. El Kazzi, F. Schuind (Belgium)
15:40 Limb salvage in long bone tumors of the upper limb using free fibular flap  
M. Topalan, H. Durma, L. Erarç, Y. Demirtau, H. Ozger (Turkey)

15:46 Reconstruction of the hand with bone and joint allograft: success rate and functional outcome at a mean follow up  
R. Adamo, M. Innocenti, L. Delcroix, L. Tarallo (Italy)

15:50 Grafts of malleable cancellous bone paste in upper limb surgery  
G. Brunelli (Italy)

15:56 Discussion

16:00 – 16:30 Coffee Break

16:30 – 18:30 Free Papers 8: Congenital  
Chairman: Ann Nachemson (Sweden), Leszek Romanowski (Poland)

16:30 LECTURE: Important details in radial club hand reconstruction using MTP II-joint transplantation  
Simo Vilkki (Finland)

16:45 LECTURE: Elongation of the hand and forearm in congenital deformations  
Leszek Romanowski (Poland)

16:55 LECTURE: Self-concept and psychological well-being in children treated for congenital hand deformities  
Ann Nachemson (Sweden)

17:05 LECTURE: Variants of pollicization in patients with congenital hand deformities  
Igor Shvedovchenko, O. Agranovich (Russia)

17:15 Reconstruction of Apert hands with a Cube fix distractor  
P. Hessman, A. Nachemson (Sweden)

17:23 Suppressed polydactyly: subtle signs in rare cases  
R. Eaton, G. Smith (UK)

17:27 2-year experience with cross soft-tissue distraction prior to the release of complex syndactylies  
R. Hohenleitner, M. Mante, W. Haußleitner (Germany)

17:34 Surgical treatment in habilitation of patients with acrocephalosyndactyly  
I. Shvedovchenko, A. Kolts (Russia)

17:41 Dome shaped osteotomy of the distal radius  
W. Grasch, G. Pejic, M. Mickel, A. D’Monte, C. Kainer (Austria)

17:48 Evaluation of outcome following pollicization in children using a new validated and standardised hand and upper limb assessment tool  
R. Aslam, M. Groom, R. Lester, A. Jester (UK)

17:55 Restoration of elbow flexion in patients with arthrogryposis  
O. Agranovich, I. Shvedovchenko, A. Baindurashvili (Russia)

18:03 The natural history of pediatric trigger thumb: minimum five-year follow-up  

18:11 The tunnel carpal syndrome in the children  
A. L. Acioss, S. Sartini, N. Deita Rosa, A. Landi (Italy)

Emygdio Jose Leonil de Paula, R. Mattar Jr, M. R. Revende, E. N. Franca Boneto (Brazil)

18:26 Discussion

 ► Room Bruxelles

08:00 – 10:00 HTC Delegates Meeting
10:00 – 10:30 Coffee Break
12:30 – 14:00 EWAS General Assembly

 ► Room Madrid

12:30 – 14:00 Lunch Symposium: Synthes  
Concepts of Treating Fractures of the Radius. Experiences with the LCP Variable Angle Two Column Distal Radius Plate and LCP Distal Ulna Plate  
► see Company Symposia section for further details

Thursday, June 24th, 2010
**Scientific Programme**

**Friday, June 25th, 2010**

**Room London**

**08:00 – 10:00**

**Free Papers 9: Tissue Transfers/Microsurgery**  
*Chairman:* Roberto Adani (Italy), Lucian Jiga (Romania)

**08:00**  
**LECTURE:** Finger reconstruction wrap-around flap with 2nd toe PIP joint transfer for entire finger loss of MP joint to distal  
Takami Shoji (Japan)

**08:10**  
**LECTURE:** Arterialized venous free flaps for soft-tissue reconstruction of digits: a 40-case series  
W.D. Boeckx, F. de Lorenzi, R.R. van der Hulst, W.F. Dunnen (Belgium)

**08:20**  
The evolution of microsurgery illustrated by a single Scottish patient  
S. E. Thomson, Y. Suvanyan, M. J. Strick (UK)

**08:24**  
Thumb replantation: technique, survival, and functionality  
M. J. Trovato, J. A. Agarwal, G. M. Buncke (USA)

**08:28**  
Aggressive treatment of replanted fingers around the proximal phalanx  
H. Gotami, T. Yamano, K. Tamam, H. Iseura (Japan)

**08:35**  
Pollicization of the distal phalange of the ring finger as a method of reconstruction of the partially amputated thumb  
M. Randzel, L. Kaczmarzycz, A. Domanasiewicz, A. Elsaftawy, J. Jablonski (Poland)

**08:39**  
Microsurgery and telemicrosurgery training: a comparative study  
R. Ramhaha, M. Bednar, G. Mantovani, P. Liverneaux (France, USA, Brazil)

**08:46**  
Supermicrosurgical lymphaticovenular anastomosis for treatment of secondary upper extremity lymphedema  
Y. Demirtas, M. Topalpin (Turkey)

**08:53**  
European composite tissue allotransplantation centers. A comparison of the different systems in Europe.  
M. V. Meyer-Marcotty, M. Herter, K. Knobloch, H.-O. Rennekampff (Germany)

**09:00**  
The hexagonal thenar flap for traumatic fingertip defects reconstruction.  
T. Sukhinin, G. Nazaryan (Russia)

**09:07**  
Fre instep flap for palmar and digital resurfacing.  
T. Makarand (UK)

**09:14**  
Restoration of function in patients with ischemic hand contracture  
S. Strafun, A. Dobilagopol (Ukraine)

**09:18**  
Initial experience with the vascularised medial femoral condylo periosteal bone flap for the treatment of scaphoid nonunions with an avascular proximal pole  
S. Froshauth, D. Hager, O. Kwasny, G. M. Huemer (Austria)

**09:25**  
10 years of microsurgical courses: Lessons learned from the trainees  
L. Jiga, R. Adani, A. Nistor, V. Dornean, B. Hoinoiu, Mihai Ionac (Romania)

**09:29**  
The pig is an excellent training model of flap dissection  
A. Blidisel, L. Jiga, D. Pepetu, A. Avram, B. Hoinoiu, V. Dornean, Mihai Ionac (Romania)

**10:00 – 10:30** Coffee Break

**10:30 – 12:30**

**Instructional Course**

**Primary Care of Complex Injuries of the Hand and Wrist**

**Session 3: Hand Complex Injuries (part 1/2)**

**10:30**  
**I. Skin**  
*Chairman:* Zoe Dailiana (Greece), Dan Enescu (Romania)

1. Local flaps in hand complex injuries  
Z. Dailiana (Greece)

2. Forearm pedicled and transposition flaps in covering hand and wrist defects  
A. Georgescu (Romania)

3. Muscular flaps for coverage of soft tissue of the hand  
G. Ivato (Italy)

4. The distant pedicled flaps for mangling complex injuries  
I. Ignatiadis (Greece)

**11:20**  
**II. Bones**  
*Chairman:* Vasile Kostanopoulos (Greece)

1. Specificities in bone fixation  
M. Bonaccorso

2. Metacarpal defects reconstruction by free bone transfer  
A. Vucetin

**11:45**  
**III. Tendons**  
*Chairman:* Thierry Dubert (France), Irina Visa (Romania)

1. Primary repair of flexor tendons in zone II  
T. Dubert

2. Ulnar island retrograde composite flaps for reconstruction in complex salvage situation  
J. Guimberteau

3. The surgical strategy in hand flexor tendon repair for zone I, III, IV, V  
I. Visa

4. Difficult problems in extensor tendons injuries  
M. Gulić
12:30 – 14:00  Lunch

14:00 – 14:50  Panel: Distal Radial Fractures in the Physically Active Patient
Chairman: Tim Davis (UK), Andrzej Zyluk (Poland)

14:00 Non-operative and K-wire management of extra-articular distal radius fractures
Andrzej Zyluk (Poland)

14:10 Locking plates – their use, limitations and outcomes
Andrzej Zyluk (Poland)

14:20 Management of acute intra-articular fractures
Francisco del Pinal (Spain)

14:30 Intra-articular steps and gaps, radiological phenomena or major clinical issues?
Tim Davis (UK)

14:40 Discussion

14:50 – 16:00  Free Papers 14: Radius
Chairman: Panayiotis Soucacos (Greece), Igor Golubev (Russia)

14:50 LECTURE: Updates in treatment of distal radius fractures
Jaiyoung Ryu (USA)

15:02 LECTURE: Intra-articular distal radius fractures: A fragment specific treatment strategy.
Reid A. Abrams (USA)

15:12 Treatment of fractures of the distal end of the radius in elderly: ORIF with a fixed-angle plate versus external fixation
G. Cacou, A. Vittal, A. Aquino, L. Martin, L. Prezioso, A. Petrin (Italy)

15:20 A new polyaxial distal radius locking plate (Variax®): Experience with first 100 cases
V. Shanbhag, S. Malek, N. Vannet, D. P. Newington, J. D. Russell (UK)

15:28 Combined fractures of the distal radius and distal ulna
N. Hollevoet (Belgium)

15:36 Arthroscopic treatment for intercarpal ligament injuries associated with distal radius fractures
J. P. Kim, M. J. Yoo, J. B. Seo, S. Y. Moon, Y. H. Park (South Korea)

15:43 First experience with a dorsal plate in modern design for the treatment of distal radius fractures
M. Haefeli, R. Stober, C. Pillass, A. Jenzer, R. Steiger (Switzerland)

15:50 Distal radius fractures. From Ilizarov method to fixed-angel plates
A. Maksimov, I. Golubev (Russia)

15:54 Discussion

16:00 – 16:30  Coffee Break

16:30 – 17:00  Key Note Speaker: Panayiotis Soucacos
Understanding congenital hand anomalies: key features in molecular morphogenesis, epidemiology, classification and management
Moderator: Alexandru Georgescu (Romania)

17:00 – 18:00  FESSH General Assembly

8.00 – 9.00  Free Papers 10: Tendons
Chairman: Zoe Dailiana (Greece), Zorin Crainiceanu (Romania)

08:00 Surgical treatment of thenar muscles atrophy using the flexor digitorum superficialis tendon of Ring finger.
A. Athanasios, E. Zampakis, J. Kompakis, K. Dakis, A. Kotsoris, P. A. Kinnas (Greece)

08:06 Anatomic outcome of percutaneous release among patients with trigger finger
H. Colley, A. Tanchuding, D. Alagar, C. Tapia, A. Macalalad (Philipines)

08:10 Changes in core suture geometry within repaired flexor tendons: an X-ray evaluation
T. Peltz, R. Haddad, S. Nicklin, P. Scougall, W. Walsh (Australia)

08:17 Gene expression of tendon extracellular matrix components critical to strength in the healing process:
Corresponding strength changes and implications

08:25 Treatment of button-hole deformity with suture anchor implant
Oh Jin Rok, C. H. Lee, D. H. Kang (South Korea)

08:33 A comparison of human, porcine and ovine deep flexor tendons. What is the ideal animal model for in vitro flexor tendon studies?
T. Peltz, R. Haddad, P. Savage, P. Scougall, W. Walsh (Australia)

08:41 Molecular changes in gene expression regulating matrix degradation and correlated changes in adhesions and work of digital flexion during tendon healing

08:49 Does smoking influence a postoperative finger ROM within patients after tendon grafting?
J. Jastan, P. Ovanes, P. Hyza, I. Soukpa, Z. Dvorak, J. Vesely (Czech Republic)

08:56 Discussion
Scientific Programme

09:00 – 10:00

Round Table: Hand Trauma Prevention
Chairman: Thierry Dubert (France), Tufan Kaleli (Turkey)

1. EU injury database
   A. Bauer

2. The prevention of finger amputations and soft tissue injuries to the hand by Suva safety guard applications
   W. Vogt

3. Cost of Hand Injuries
   Philippe Bellemere

4. Success of Hand Trauma Prevention in the German Meat Industry and Butcher Shops
   Norbert Schultz

5. Hand Injury Prevention Society and Hand Injuries in Turkey
   Tufan Kaleli

6. Prevention of Ring Finger Avulsion
   Thierry Dubert

10:00 – 10:30 Coffee Break

10:30 – 11:43

Panel: Cerebral Palsy
Chairman: Caroline Leclercq (France), Yves Allieu (France)

10:30 Mechanical Characteristics of Spastic Muscles
   Jan Fridén (Sweden)

10:40 Three-dimensional kinematics during reach and grasp in normal and spastic children
   Jessica Rose, Vincent R. Hentz (USA)

10:50 Some innovative tools for evaluation of the upper limb in cerebral palsy
   Sabine Blanc, Christine Gallant, Sylvie Vassilien, Michel Thetio, Caroline Leclercq (France)

11:00 Surgery of the upper limb in cerebral palsy: The role of analytic clinical examination in decision making
   Alex Muset (Spain)

11:10 Upper Limb Selective Neurotomy in Children with Cerebral Palsy
   P. Jehanna, E. Filiaussi, G. Peronneau (France)

11:20 Tayloring tendon transfers in Cerebral Palsy
   Mick Keulen (the Netherlands)

11:30 The relation of patient satisfaction and functional and cosmetic outcome following Correction of the wrist flexion deformity in cerebral palsy
   Kathleen Libberecht, S. Raja Sabapathy, Praveen Bhardwaj (Germany)

11:40 Discussion

11:43 – 12:30

Free Papers 11: Cerebral Palsy
Chairman: Jan Fridén (Sweden), Andreas Gohritz (Germany)

11:43 Release of the elbow flexion contracture in patients with cerebral palsy, after brain stroke and brain injury
   L. Patova (Czech Republic)

11:49 Surgical improvement of upper extremity function in high-level spinal cord injuries due to diving accidents
   J. Fridén, C. Reinholdt, A. Gohritz (Sweden, Germany)

11:55 Effectiveness of brachioradialis pronatorplasty: biomechanical study
   H. Behler, T. Gukan, S. Tuncer (Turkey)

12:01 Transfer of flexors tendons according to Braun in the non functional hand of central origin: about a series of 15 cases
   Ph. Livneaux, P. Louis, P. Clavert, M. Inner, D. Gault, S. Facca, Y. Allieu (France)

12:07 Restoration of elbow extension in tetraplegia by axillary to radial nerve transfer - theoretical concept and anatomical feasibility
   A. Gohritz, P.M. Vogt, J. Fridén (Germany, Sweden)

12:13 Surgical treatment of spasticity in tetraplegia
   C. Reinholdt, J. Fridén (Sweden)

12:19 Functional outcomes after upper extremity surgery for cerebral palsy: comparison between high and low manual ability classification system (MACS) levels

12:25 Discussion

12:30 – 14:00

Lunch Symposium: Pfizer
New perspectives in the management of Dupuytren's contracture
»> see Company Symposia section for further details

14:00 – 15:40

Free Papers 15: Compression Syndromes
Chairman: Piotr Puchalski (Poland), Szabo Zsolt (Hungary)

14:00 LECTURE: Bilateral endoscopic carpal tunnel release
   Christos Dimitrou (Greece)

14:10 Sensibility and specificity of supra- and infra-systolic Gilliat pneumatic tourniquet test for the diagnosis of carpal tunnel syndrome
   Th. Thungen, M. Sadowski, W. El Kaszi, F. Schuron (Belgium)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors/Institutes</th>
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<tbody>
<tr>
<td>14:18</td>
<td>Neuralgic amyotrophy or Parsonnage Turner Syndrome constitute a relevant differential diagnosis of peripheral nerve palsies</td>
<td>M. Calcagni, A. Schiller, I. Tami, P. Giovanoli (Switzerland)</td>
</tr>
<tr>
<td>14:26</td>
<td>Does TCL and forearm fascia release for the treatment of CTS change enterance angle of flexor tendons to the A1 pulley</td>
<td>T. C. Ogun, H. Karabork, N. Karalezli (Selcuk)</td>
</tr>
<tr>
<td>14:34</td>
<td>Carpal tunnel syndrome. Part II: Effectiveness of surgical treatments - a systematic review</td>
<td>B. M. A. Huissende, M. S. Randolopp, J. H. Coert MD, S. Geronum, M. van Mittelkoop, B. W. Koris (the Netherlands)</td>
</tr>
<tr>
<td>14:38</td>
<td>Effect of unilateral decompression on bilateral carpal tunnel syndrome (CTS). A prospective study</td>
<td>Alexander Nistor, S. Lucchina, G. Varavaglia, J. F. Beaulieu, J. F. Petry, M. Ionac, C. Furelli (Switzerland, Romania)</td>
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<tr>
<td>14:42</td>
<td>Percutaneous ultrasound guided carpal tunnel release - a new technique</td>
<td>D. Matthews, A. Ponniah, B. Fu, D. Atherton, E. Katsarika, R. Eckerley (UK)</td>
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<td>14:46</td>
<td>Ultrasound as a diagnostic tool for carpal tunnel syndrome</td>
<td>P. Sagiv, A. Regev, E. Glaser (Israel)</td>
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<td>14:54</td>
<td>Comparative study between ultrasound and electrodagnostic tests for the diagnosis of carpal tunnel syndrome</td>
<td>G. E. Kastanis, G. E. Arealis, N. G. Solidakis (Greece)</td>
</tr>
<tr>
<td>15:02</td>
<td>Evaluation of high-resolution sonography and electrophysiology in carpal tunnel syndrome</td>
<td>N. Badur, Ch. Klimsa, S. Kluge, B. Hennecce, K. Rößler, E. Vogelien (Switzerland)</td>
</tr>
<tr>
<td>15:06</td>
<td>Ultrasound as a diagnostic tool for carpal tunnel syndrome</td>
<td>P. Sagiv, A. Regev, E. Glaser (Israel)</td>
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<td>15:10</td>
<td>Management of scapho-lunate lesions associated to distal radius fracture (Italy)</td>
<td>Loris Pegol</td>
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<td>15:15</td>
<td>Arthroscopic management of chronic scapho-lunate lesions (Luxembourg)</td>
<td>Nicolas Dauphin</td>
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<td>15:26</td>
<td>The expression of estrogen receptors in the tenosynovium of postmenopausal women with idiopathic carpal tunnel syndrome</td>
<td>J. K. Kim, H. Hann, M. Kim, S. Kim (South Korea)</td>
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<td>15:29</td>
<td>Functional outcome of surgical treatment of radial tunnel syndrome: review of 213 cases</td>
<td>N. Naam (USA)</td>
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<td>15:30</td>
<td>Discussion</td>
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**Room Amsterdam**

**08:00 – 09:30**

**EWAS Course: Arthroscopic management of scapho-lunate lesions**

Chairmen: Andrea Atzei (Italy), Francesco del Pinal (Spain)

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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8.00</td>
<td>Scapho-lunate injury: an anatomical and arthroscopic study (Italy)</td>
</tr>
<tr>
<td>Jane Messina</td>
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<td>8.15</td>
<td>Arthroscopic classification of scapho lunate lesions (France)</td>
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<tr>
<td>Nicolas Dreant</td>
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<td>8.30</td>
<td>How to date a scapho-lunate injury? (Belgium)</td>
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<tr>
<td>Luc Van Overstraeten</td>
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<td>8.45</td>
<td>Arthroscopic treatment of acute scapho-lunate tears (Germany)</td>
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<tr>
<td>Max Hoerle</td>
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<tr>
<td>9.00</td>
<td>Management of scapho-lunate lesions associated to distal radius fracture (Italy)</td>
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<tr>
<td>Loris Pegol</td>
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<tr>
<td>9.15</td>
<td>Arthroscopic management of chronic scapho-lunate lesions (Luxembourg)</td>
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<tr>
<td>Nicolas Dauphin</td>
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**09:30 – 10:00**

**Mini-conference: Yves Allieu (France)**

Custom made key grip construction in high level tetraplegia
Moderator: Alex Muset (Spain)

**10:00 – 10:30 Coffee Break**

**10:30 – 12:30**

**Free Papers 12: Various 2**

Chairman: Jerzy Jablcki (Poland), Ileana Matei (Romania)

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:30</td>
<td>LECTURE: Non-united lateral condyle of the humerus: to fix or not to fix?</td>
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<tr>
<td>Mohammed M. El-Mahy (Egypt)</td>
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<td>10:40</td>
<td>LECTURE: Flexor tenosynovial fistulas in the palm</td>
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<td>Nash Naam (USA)</td>
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<tr>
<td>10:55</td>
<td>Severe upper extremity complications following parenteral abuse of Buprenorphine tablets</td>
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<tr>
<td>S. Stahl, E. Calif (Israel)</td>
<td></td>
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<tr>
<td>10:59</td>
<td>Deep granuloma annulare in children’s extremities</td>
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<tr>
<td>D. M. Weibel, L. Weibel (Switzerland)</td>
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<td>11:03</td>
<td>Omental flaps in treatment of chronic osteomyelitis of the hand and forearm bones - illustration of three cases</td>
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<tr>
<td>A. Domanasiewicz, L. Kaczmarek, J. Kaczmarek, J. Jablcki (Poland)</td>
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<tr>
<td>11:07</td>
<td>Longterm outcomes of osseointegrated digital prostheses</td>
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<tr>
<td>A. Sierakowski, C. Watts, K. Thomas, D. Elliot (UK)</td>
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<tr>
<td>11:15</td>
<td>Enchondroma: Epidemiology and treatment in the Hospital de la Princesa’s Hand Unit</td>
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<tr>
<td>A. Dudley, R. Antón, A. García Olea, M. Galán, J. Bustillo (Spain)</td>
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<tr>
<td>11:19</td>
<td>Surgical excision of giant cell tumor of the tendon sheath in the hand</td>
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<tr>
<td>G. E. Kastanis, G. E. Arealis, N. G. Solidakis (Greece)</td>
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<tr>
<td>11:27</td>
<td>Childhood extravasation injuries of the upper limbs : improved outcome following the introduction of hospital-wide guidelines.</td>
</tr>
<tr>
<td>A. Qharm, M. Morsous, R. Eton, J. Powell, G. Smith, N. Bulstrode (UK)</td>
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<tr>
<td>11:35</td>
<td>Pectoralis major transfer to restore elbow flexion: technical evolution and current indications about 16 cases</td>
</tr>
<tr>
<td>H. Michau, Z. Berkheyer, A. Karch, C. Oberlin (France, Algiers)</td>
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<tr>
<td>11:43</td>
<td>Comparison of superficial touch sense - stereognosis - between primary blind, secondary blind, amblyopic and people with correct eyesight</td>
</tr>
<tr>
<td>F. Dobrowski, A. Leczynski, J. Pietras, M. Cynowaj, M. Bienicki, S. Litwic, M. Jackowiak (Poland)</td>
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</tr>
</tbody>
</table>
11:51 Should prior axillary lymph node clearance be a contraindication to hand surgery? A survey of hand and breast surgeons in the UK
D. Fulford, S. Dalal, M. J. Hayton (UK)
11:59 Polish Program of Hand Transplantation
J. Jablonski, Z. Kaczmarsky, A. Domanskiwisz, A. Chelmomski, J. Kaczmarsky, M. Panuet, A. Eldafawey (Poland)
12:07 Determinants of patient satisfaction following orthopaedic interventions to the hand - A systematic literature review.
M. Marks, J. Goldhahn, F. Angst, B. R. Simmen, D. B. Herren (Switzerland)
12:15 A prospective analysis of patient compliance with post-surgical occupational therapy
J. M. Lombardi, M. J. Trovato, E. J. Fleegler, M. S. Granick (USA)
12:19 Discussion

12:30 – 14:00
Lunch Symposium: Integra
Universal 2 Total Wrist Prosthesis A Global Experience

14:00 – 14:50
Panel: Dupuytren
Chairman: Steven Hovius
14:00 Classical surgery
Joe Dias (UK)
14:10 Needle aponeurotomy
Paul Werker (the Netherlands)
14:20 Needle aponeurotomy and lipofilling
Steven Hovius (the Netherlands)
14:30 Collagenase injections
Nash Naam (USA)
14:40 Discussion

14:50 – 16:00
Free Papers 16: Dupuytren
Chairman: Neil Citron (UK), Irina Capota (Romania)
14:50 Injectable collagenase as an office-based treatment for Dupuytren’s contractures
V. B. Hentz, I. Hurst, M. Baldakaramote (USA)
14:57 Dupuytren’s Contracture: A Retrospective Database Analysis to Assess the Clinical Management in England
R. A. Gerber, R. Perry, C. Bidad, C. Bainbridge (UK)

15:03 Classic treatment vs modern treatment in Dupuytren’s disease . Comparative study
M. Chertif, C. Chertif (Romania)
15:09 Dupuytren’s disease: Mc Cash or Z-plasty? Comparative study
V. Tsampa, C. Dimitrou (Greece)
15:15 Long term results of dermofasciectomy for recurrent disease
N. Citron, S. Rhatieye (UK)
15:22 Aggressive Dupuytren’s contracture: to graft or not to graft?
Z. Mekroui, S. Gallega, C. Leclerq (France)
15:28 Percutaneous needle fasciectomy a serious alternative?
H. C. Erne, B. Lukas (Germany)
15:34 The effect of the severity of the Dupuytren’s contracture on the function of the hand before and after surgery
A. Zylak, W. Jagelski (Poland)
15:41 Clinically important difference and severity classification for range of motion in patients with Dupuytren’s contracture: Results from a phase 3 trial of collagenase Clostridium Histolyticum
R. A. Gerber, A. G. Bushmakin, J. C. Cappelleri, M-P Hellio Le Graverand (UK)
15:47 Treatment of recurrent Dupuytren’s disease after CRPS Type 1 following previous fasciectomy
H. van Dam, D. Elliot (UK)
15:51 Palmar cutaneous branches of the proper digital nerves encountered in Dupuytrens surgery: a cadaveric study
R. Choo, A. F. M. McBee, J. McNab
15:55 Discussion

10:30 – 11:58
Panel:
Neuropathies, tendinopathies and trauma of the elbow – current concepts
Chairman: Dean Sotereanos (USA), Bruno Battiston (Italy)
10:30 Elbow fractures. Dislocations
Dean Sotereanos
10:42 Distal humerus fractures
Bruno Battiston
10:54 Distal biceps: Anatomy, endoscopy, repair and reconstruction
Greg Bain
11:06 UCL reconstruction and OCD in the young athlete
Mark Baratz
**Scientific Programme**

**Room Madrid**

11:18   Salvage options for the elbow  
       Greg Bain

11:30   Skin coverage around the elbow  
       Alexandru Georgescu

11:42   Discussion

**11:55 – 12:30**

**Free papers 13: Elbow**  
*Chairman:* Bruno Battiston (Italy), Ioannis Ignatiadis (Greece)

11:55   LECTURE: Stiff elbow – open release  
       Panayotis Giannakopoulos (Greece)

12:05   Comparison of medial collateral ligament repaired and non repaired cases in terrible triad injuries of the elbow  
       T. Tulgar, O. Kema, S. T. Sadik, K. Munat, B. Emin, A. Sait (Turkey)

12:12   Congruent coronoid plate fixation for fracture of the coronoid process  
       S. R. Lee, K. J. Kim, W. S. Choy (South Korea)

12:18   Risk Factors in Lateral Epicondylitis (Tennis Elbow): A Case Control Study.  
       A. G. Titchener, A. Fakis, A. A. Tambe, C. Smith, R. Hubbard, D. I. Clark (UK)

       V. Triampa, I. Tsionos, B. Halidis, C. Karatzetzos, C. Dimitriou (Greece)

12:28   Type C bicondylar humeral fractures: what defines transposition of the ulnar nerve?  
       D. Enchev, M. Markov, M. Rashkov (Bulgaria)

12:32   Discussion

**Room London**

13:00 – 14:00  
**Lunch Symposium: Zimmer**  
Current concepts for hand and elbow treatment  
>> see Company Symposium section for further details

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**Saturday, June 26th, 2010**

**Room Madrid**

**13:00 – 14:00**

**Lunch Symposium: Zimmer**  
Current concepts for hand and elbow treatment  
>> see Company Symposium section for further details

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**Room London**

**13:00 – 14:00**

**Instructional Course**  
**Session 4: Hand Complex Injuries (part 2)**

08:00  
**I. Nerve repair in complex injuries**  
*Chairman:* Bruno Battiston (Italy)

1. State of the art in end-to-end microsurgical nerve suture  
   P. Liverneaux

2. Updates in management of nerve defect  
   B. Battiston

08:25  
**II. Vascular repair**  
*Chairman:* Igor Golubev (Russia)

1. New non-microsurgical technique for fingertip replantation  
   S. Villki

2. Vascular repair in complex injuries  
   Mihai Ionac

3. Flow-through flaps and piggy-back flaps as salvage procedures in complex defects of the hand  
   A. Georgescu

09:00  
**III. Other injuries**  
*Chairman:* Michele Riccio (Italy), Mihai Ionac (Romania)

1. Frostbite injuries  
   Igor Golubev

2. Blast injury to the hand  
   B. Coulet

3. Recent advances in medically assisted surgery in complex or contaminated injuries of the hand  
   Michele Ricchio

4. Crush syndrome to the hand  
   F. del Pinal

09:40  
**IV. Postoperative management**  
*Chairman:* Zsolt Szabo (Hungary)

1. Prosthesis  
   Z. Szabo

2. Keys for early Return to work  
   T. Dubert

10:00 – 10:30  
**Coffee Break**
### Instructional Course

**Session 5: Fingers Complex Injuries**

**Chairman:** Philippe Valenti (France), Dan Enescu (Romania)

1. Complex PIP joint injuries  
   G. I. Bain
2. PIP complex dorsal injuries  
   G. Candelier
3. Homodigital flaps for pulp reconstruction  
   E. Demiri
4. Heterodigital flaps for severe pulp defects  
   R. Adani
5. Reconstruction of pulp defects with free toe hemipulps  
   T. Toros
6. Germinai matrix and large nail bed reconstruction by vascularized transfers  
   Ph. Valenti
7. Dorsal finger coverage with flaps from the dorsum of the hand  
   T. Toros
8. High pressure injury  
   T. Giesen
9. Flaps for emergency complex reconstruction of the thumb  
   M. Riccio
10. Toe transfer for thumb reconstruction  
    A. Beris
11. Pollicisation in primary thumb reconstruction  
    G. Brunelli
12. Functional restoration after loss of all fingers  
    J. D. Golubev
13. Finger terminalisation technique  
    P. Houpert

### Free Papers 17: Wrist

**Chairman:** Riccardo Luchetti (Italy), Mihaela Mastacaneanu (Romania)

- **08:00** Distal radius implant arthroplasty combined with proximal row carpectomy  
  B. Adams, E. A. Lawler, T. L. Kuhl (USA)
- **08:08** **LECTURE:** It is wrong to modify the Brunelli's procedure to cure carpal instability  
  Giorgio Brunelli (Italy)
- **08:18** Fracture distribution compared to ligament attachment for distal radius fractures  
  G. Bain, D. Mondzioz (Australia)
- **08:26** Surgical treatment of complex intra-articular fractures of the distal radius by replacement and resurfacing prosthesis  
  J.-L. Rois (France)
- **08:34** Proximal row carpectomy in the treatment of the wrist degenerative arthritis  
  P. Dedic, J. Pilny, D. Ira (Czech Republic)
- **08:42** A new and easier technique for the treatment of palmar midcarpal instability  
  M. Ritt, P. J. M. de Groot (The Netherlands)
- **08:50** Re-motion total wrist replacement. The prospective follow-up of 50 consecutive cases  
  M. E. H. Baekkly, A. I. Sørensen (Denmark)
- **08:58** The outcome of the four-corner fusion procedure at a minimum of 10-years  
  G. Bain, A. C. Warts (Australia)
- **09:06** Four bone fusion and isolated scaphoid excision as salvage procedures for SLAC and SNAC wrist  
  M. Altissimi, L. Braghiroli, M. Baroneetti, A. Azzara (Italy)
- **09:14** How does four corner fusion effect circumduction of wrist  
  H. Singh, J. J. Dias (UK)
- **09:18** Hook of hamate fracture and non union treated by percutaneous screw fixation. A series of 10 cases  
  Ph. Cuenod (Switzerland)
- **09:22** Arthroscopic ligamentoplasty (bone-tendon-tenodesis). A new surgical technique for scapholunate instability: cadaver preliminary study  
  F. Corella, M. Del Cerro, R. Lamasanar M.T. Vazquez (Spain)
- **09:26** Comparison between arthroscopic and open resection of the distal pole of the scaphoid for STT arthritis  
  R. Luchetti, A. Atzen, M. Canadil, L. Pegoli (Italy)
- **09:34** Dorsal capitulodesis for SLIL partial lesion  
  R. Luchetti, A. Atzen (Italy)
- **09:42** Arthroscopic resection arthroplasty of the STT Joint  
  T. Gobbi, T. Poinier, C. J. Lemke
- **09:50** Computer mouse associated ulna sided wrist pain  
  J. W. Park, J. W. Kang, W. J. Jeon, D. H. Kum, J. R. Yoon
- **09:54** Discussion

### Closing Ceremony
### 10:30 – 12:30

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
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<tbody>
<tr>
<td>10:30</td>
<td>LECTURE: Recent approaches for scaphoid fractures</td>
<td>Satoshi Toh (Japan)</td>
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<tr>
<td>10:45</td>
<td>Clinical outcomes of Preiser disease treated with vascularized bone grafting</td>
<td>T. Nakamura, M. Okazaki, K. Sato, Y. Toyama, H. Ikegami (Japan)</td>
</tr>
<tr>
<td>10:49</td>
<td>Optimal fixation of acute scaphoid fractures - a finite element analysis</td>
<td>S. Luria, S. Hoeh, M. Liebergall, R. Mosheiff, E. Peleg (Israel)</td>
</tr>
<tr>
<td>11:05</td>
<td>STT arthrodesis vs. proximal row carpectomy as therapy in Lichtman stage IIIA Kienböck’s disease: a one year prospective study</td>
<td>B. Hohendorff, M. Mühldorfer, K. H. Kalt, J. van Schoonhoven, K. J. Pommersberger (Austria)</td>
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<tr>
<td>11:13</td>
<td>A new capsular based vascularized distal radius bone graft for scaphoid pseudarthrosis</td>
<td>F. Giannoulis, N. Tzinieris, E. Fandridis, N. Hadjinikolaou, J. Ignatiadis, N. Gerostathopoulos (Greece)</td>
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<tr>
<td>11:21</td>
<td>Thumb metacarpal vascularized bone graft in scaphoid non-union - a useful graft via either a dorsal or palmar approach: A cohort study of 57 patients</td>
<td>C. P. Tacca, J. A. Bertelli, J. R. Rost (Brazil)</td>
</tr>
<tr>
<td>11:29</td>
<td>The arthroscopic distal pole resection of the scaphoid: clinical and radiological results in STT osteoarthritis</td>
<td>P. Desmaeux, J. Normand, H. Galey, P. Boisrenoult, P. Beaull (France)</td>
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<tr>
<td>11:37</td>
<td>Clinical and MRI evaluation of Kienböck’s disease treated by radial osteotomy camembert</td>
<td>E. J. Camus, L. Van Overstraeten (Belgium)</td>
</tr>
<tr>
<td>11:45</td>
<td>Long term results of Bone-Ligament-Bone reconstruction of dynamic scapholunate instability</td>
<td>A. Atzei, D. Caldirola, L. Pangallo, F. Gor, A. Garofano, A. Adani, R. Luchetti (Italy)</td>
</tr>
<tr>
<td>11:53</td>
<td>Vascularized bone graft in carpal pathology</td>
<td>A. Pagnotto, E. Taglieri, R. Sadun (Italy)</td>
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<td>12:01</td>
<td>Cable augmented scapholunate reconstruction procedure</td>
<td>G. Bain, A. C. Watts (Australia)</td>
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<tr>
<td>12:09</td>
<td>Accuracy of common radiological methods to diagnose scapholunar dissociation (ACCORDS)</td>
<td>J. E. Dornberger, G. Rademacher, D. Stengel, C. Ottersbach, S. Mutze, A. Eisenhenn (Germany)</td>
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<td>12:13</td>
<td>Discussion</td>
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### Room Amsterdam

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
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<tr>
<td>08:00</td>
<td>Bone micro-architecture of finger joints, measured with high-resolution pQCT, as a base for the development of new treatment strategies</td>
<td>J. Goldhahn, K. Stok, T. L. Mueller, R. Müller, C. Kolling (Switzerland)</td>
</tr>
<tr>
<td>08:04</td>
<td>The modified Clayton-Mannerfelt arthrodesis of the wrist in rheumatoid arthritis: a report of 93 cases</td>
<td>S. Kluge, E. S. Wernersson (Sweden)</td>
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<tr>
<td>08:12</td>
<td>Advanced stage in trapeziometacarpal osteoarthritis: long-term outcomes of suspension arthroplasty</td>
<td>E. Gudemez, A. Gudemez, Y. Ataker, J. C. E. (Turkey)</td>
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<tr>
<td>08:20</td>
<td>CMC joint arthrosis of the thumb: a new surgical technique for intermediate/advances stages according to Eaton’s classification</td>
<td>G. Pajardi, F. Brunetti, A. C. Novelli, L. Paglioli (Italy)</td>
</tr>
<tr>
<td>08:28</td>
<td>A constrained finger joint implant for rheumatoid patients, evaluated by theoretical, mechanical and clinical methods</td>
<td>H. Håkanson, G. Lundboag, A. Björkman, E. S. Wernersson (Sweden)</td>
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<tr>
<td>08:44</td>
<td>ARPE prosthesis in osteoarthritis of the trapeziometacarpal joint - Retrospective study of our first cases</td>
<td>L. Fernandez, P. Simas, L. Almeida, F. Cruz, J. Almeida (Portugal)</td>
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<td>08:48</td>
<td>Discussion</td>
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### 9.00 – 10:00

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<th>Panel: Eastern European Countries</th>
<th>Authors</th>
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<tr>
<td>09:00</td>
<td>Belarus • Miachkouski Siarhey</td>
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<td>09:05</td>
<td>Bulgaria • Margarita Kateva</td>
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<td>09:10</td>
<td>Czech Republic • Pavel Dráš</td>
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<td>09:15</td>
<td>Hungary • Zsolt Szabo</td>
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<td>09:20</td>
<td>Kyrgyzstan • Musa Mateev</td>
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<td>09:25</td>
<td>Latvia • Laura Logina</td>
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<td>09:30</td>
<td>Moldova • Grigore Verega</td>
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<td>09:35</td>
<td>Polandia • Leszek Romanovski</td>
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<td>09:40</td>
<td>Romania • Teodor Stamate</td>
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<td>09:45</td>
<td>Russia • Igor Golubev</td>
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<td>09:50</td>
<td>Serbia • Predrag Nedeljkovic</td>
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<td>09:55</td>
<td>Ukraine • Sergi Strafin</td>
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</table>
10:00 – 10:30 Coffee Break

10:30 – 11:30

Session of the VIIIth RSSH Congress

Chairman: Teodor Stamate, Stefan Luchian

10:30 Hand surgery in Romania: Where we are and where do we go?
A. Georgescu (Cluj-Napoca)

10:36 Beginning and progress of the Romanian Society for Surgery of the Hand
I. Visa (Brasov)

10:42 Skin approach in Dupuytren disease
T. Stamate (Iasi)

10:48 Therapeutic controversies in Dupuytren disease
St. Luchian (Bucharest)

10:54 Timisoara experience in upper limb replantation
Z. Crainiceanu (Timisoara)

11:00 General Assembly of the RSSH

11:30 – 12:30

Session of the IXth RSRM Congress

Chairman: Alexandru Georgescu, Lucian Jiga

11:30 Microsurgical reconstructions of the thumb
T. Stamate (Iasi)

11:36 Versatility of VFG in bone defects reconstruction
St. Luchian (Bucharest)

11:42 Twenty years of microsurgery in the Clinic of Plastic Surgery and Reconstructive Microsurgery from Cluj-Napoca
A. Georgescu (Cluj-Napoca)

11:48 The use of local perforator flaps for soft tissue reconstruction in the lower extremity
L. Jiga, A. Blidisel, D. Grujic, R. Filipceanu, G. Filipceanu, S. Barac, M. Ionac (Timisoara)

11:54 Complex microvascular reconstruction in the lower extremity
M. Ionac, L. Jiga, V. Damean, A. Roata, D. Bocanet, S. Barac, G. Patrut, C. Buciuman (Timisoara)

12:00 General Assembly of the RSRM
A Wide Range of Solutions in Your Hands

Lunch symposium
Friday, June 25, 12.30–14.00
Room “Madrid”

Current Concepts for Hand and Elbow Treatment

01. Bone defects reconstruction in upper limb

A-0107 Immediate overgrafting of dermal regeneration template with thin epidermal autograft for reconstructing degloving injuries of the upper extremity
E. Dimitri, D. Dionysiou, A. Chantes, A. Papachristinou, A. Dionyssopoulo, K. Kaidoglou (Greece)

A-0131 Nonunion of humeral intercondylar comminuted fracture treated with fibular graft:
A case report
Oh J R, Lee Chang Ho, Kang D H (Korea)

A-0180 The surgical treatment of IP joint pilon fractures.
Beasley Murray (New Zealand)

A-0360 Long-term results after the plasty of upper limbs long bones defects by vascularized bone autotransplants
Anton Gavrion, S. Golyan, A. Oreshkov (Russia)

A-0404 The utilization of mixed grafts for the treatment of the malunion of the distal radius fractures
Ernest Andreae, Y Galan Laboca, L. Gorostiola Vidusaanaza, J. Moreta Suarez, Gomez Ugarte M J M (Spain)

A-0454 Free PIP joint transfer following Pseudomonas Osteomyelitis: Management and outcomes.
Rebecca Exton, G. Smith (United Kingdom)

A-0463 Upper Extremity Reconstruction Using Free Vascularized Bone Grafts
Werner Girsch, R. Ganger, G. Petje, F. Griftl, M. Dominikus (Austria)

A-0482 The use of autologous bone graft in post-traumatic metacarpal and phalangeal bone loss
Massimo Corain, A. Atzei, R. Adani (Italy)

A-0492 The surgical treatment by cortico-spongious bone graft in the mielopla克斯 tumours of the hand’s bones
D. Grigorescu, J. Muntean (Romania)

02. Perforator flaps in upper limb

A-0190 The use of posterior interosseous forearm island flap for reconstruction of the skin defects
G. Verega, A. Midori (Moldavia)

A-0214 Reconstruction of traumatic defects of the fingers by the use of dorsal metacarpal perforative flaps
M. Kateva, K. Dimitrov (Bulgaria)

A-0225 Is it possible to use local perforator flaps in complex injuries of forearm and hand?
Georgescu Alexandru, Matei I, Capota I, Olaru R (Romania)

A-0332 Local perforator flaps in soft tissue reconstruction of the upper limb
Carlo Baldighi, M. Innocenti, L. Delcava, A. Balati, R. Adani (Italy)

A-0351 Metacarpal transposition flaps without sacrificing the dorsal metacarpal artery
Filip Andreea, I Matei, O Olariu, Al Georgescu (Romania)

A-0428 Ulnar Artery Adipos Only Perforator Flap in the Reconstruction of Volar Wrist and Exposed Median Nerve
Acarun Tatarin Oljuz (Turkey)

03. Nerves

A-0085 Study regarding the efficacy of Rehabilitation program in neurological sequelae after traumatic injuries of the hand
Consuela Monica Brailescu, RG Scarlet, AS Nica, I Lascar (Romania)

A-0136 Epidemiology of Clinically Diagnosed and Surgically Treated Carpal Tunnel Syndrome in the Korean General Population
Hyun Sik Gorg, H J Roh, H J Lee, SH Hie, MJ Chung, GH Baik (South Korea)

A-0163 Microanatomy of the ulnar nerve: Utility in the Oberlin technique
Maria Rosa Moro-Martí, A. Mustafa-Gondolbou, J. Casarías-Sintes, A. Oliva-Ortiz, M. León-López, M. Lusa-Pérez (Spain)

A-0190 Autogenous venous nerve conduit in emergency hand reconstruction
Costache Cherit, M. Cherit (Romania)
ePosters

A-0418 Tissue engineering strategies for nerve regeneration in rats
Ioannis Papakostas, S. Galanos, I. Ignatiadis, N. Hatzinikolaou, N. Gerostathopoulos (Greece)

A-0212 Case Report of Saturday Night Palsy after Briefly Lying on Her Front
Dong Guen Lee (South Korea)

A-0228 Kite flap for treating pulp thumb neuroma in a professional musician.
Ioannis Ignatiadis, S. Galanos, D. Arapoglou, N. Hatzinikolaou, S. Liakapis, X. Alimnidas, N. Gerostathopoulos (Greece)

A-0342 The vascularisation of the median nerve in the distal forearm and its clinical significance
Thomas Greener, R. Ackland, S. Thinkarain, D. Elliott (USA)

A-0347 Anterior subcutaneous transposition of the anterior interosseous nerve in the forearm.

A-0284 End-to-side neurorrhaphy of rat sciatic nerve
Greg Johnston, R. Asgen (Australia)

A-0307 An evaluation of the effectiveness of custom-made splints in the treatment of trigger thumb - a case study
H. Dunne, J. Pollard, M. Randow, A. Newton (United Kingdom)

A-0450 Use of Transcranial Magnetic Stimulation in rat model of nerve regeneration
Petr Czapecski, A. Szukalski, I. Huber, L. Romanowski (Poland)

04. Compression Syndromes

A-0002 Carpal Tunnel Decompression & the Nerve of Berrettini: A Retrospective Audit of Nerve Preservation and its Effect on Scar Tenderness
Christopher J. Lewis, D. Barnes, D. Sainsbury, M. Berrettini: A Retrospective Audit of Nerve Preservation and its Effect on Scar Tenderness
Christopher J. Lewis, D. Barnes, D. Sainsbury, M. Schenker (United Kingdom)

A-0023 An assessment of the sympathetic function within the hand in patients with carpal tunnel Syndrome
A. Zyluk, L. Kossowska (Poland)

A-0033 Dual-Portal Endoscopic Carpal Tunnel Release - New Modification
Marcello Cunha, J. Pistelli (Brazil)

A-0060 Carpal tunnel release under high-frequency ultrasonography
Livensche Klok, B. Bosma, J. Middelkoop, Bart W Koes, Suzanne Glerum, Marienke van der Velde (The Netherlands)

A-0111 Endoscopic Carpal Tunnel Release - An On-line Training Course
Ketti Takmakova, P. Molchovski, A. Atanassov, P. Atanassova, N. Mleva, S. Stoyanova (Bulgaria)

A-0165 A novel cause of upper limb symptoms - an undescribed variant of the first rib
Jeremy Rodrigues, J Hunter, J. Parkin, W Tennant (United Kingdom)

A-0222 Compression of the deep palmar branch of the ulnar nerve due to a fractures of the hook of the hamate or ganglions in the pisohamate tunnel.
Claudia Lamas, R. Maldovan, J. Colomina, J. Carreras, I. Pabon, M. Almenara, J. Gomez (Spain)

A-0243 Application of particular non-surgical methods in the treatment of carpal tunnel Syndrome
Zuzanna Bankowksi, L. Romanowski (Poland)

A-0262 Results of 10 recurrent carpal tunnel syndromes operated with the technique with synovial flap
Zadra Armen (Armenia)

A-0272 Preliminary Results of Extensive Surgical Intervention in Carpal Tunnel Syndrome for Patients with Mucopolysachandoses
Rioa Fabian, C. Moller, H. Moller, M. Lester, A. Lester (United Kingdom)

A-0301 The medial epicondyloplasty proposed by De la Caffiniere for the treatment of cubital tunnel syndrome. Preliminary result.
Francisco Lopez-Morcu, A. Fuentes-Diaz, I. Izquierdo-Pizarro, R. Laz-Perez, A. Garcia-Galvez, ML Aguilar-Martinez, D. Coves-Mojica, JA Lazano-Requena (Spain)

A-0312 Neurogenic Thoracic Outlet Syndrome in Children
Gerlinde Weigel Ch. Geiser, H. Konrad, Marienke van der Velde, Suzanne Glerum, Marienke van der Velde (The Netherlands)

A-0391 Carpal tunnel syndrome. Part I: Effectiveness of conservative treatments - a systematic review
Bionka MA Huissdre, Peter Hoogvolet, Maroon S Randsorp, Suzanne Glerum, Marienke van Middelkoop, Bart W Koes (The Netherlands)

A-0397 Study regarding the efficiency of hand rehabilitation after carpal tunnel release
Consuela Bravesica, M. Moreis, M. Cojocara, A. Sica, C. Parasc hivesca (Romania)

A-0456 Localisation of compression site in cubital tunnel syndrome using ultrasonography
Berhany Soemah (France)

05. Brachial plexus

A-0087 Study regarding the rehabilitation after brachial plexus traumatic pathology
Consuela Bravesica, RG Scarlet, A. Sica, I. Lasscer (Romania)

A-0092 CS6.7 iatrogenic lesion during torticollis surgery
Tunc Cevat Ojuhn, H Kunacu (Turkey)

A-0314 Complex surgical rehabilitation of the upper limb after total root avulsion of brachial plexus - case report
Horvath Szidonia Norrn, P Barcio, A. Simonka, B. Ille, P Doczkocs, S. Pintek (Hungary)

06. Cerebral palsy / tetraplegia

No papers were submitted for this section.

07. Congenital

A-0015 Percutaneous A1 Pulley Release of Locked Trigger Thumb in Children
Jong PI Kim, SY Moon, SH Yoon (Korea)

A-0144 The embolization in the treatment of vascular malformations of upper limb
Mario Igor Rossello, A. Barile, O. Spingardi (Italy)

A-0146 The scaphoid titanium prostheses: an unfairly underestimated technique
Ombretta Spingardi, M. I. Roselle, A. Chiara, E. Machi (Italy)

A-0201 Polydactyly toe to aplastic thumb
Tunc Cevat Ojuhn, H Kunacu, N Karalezli (Turkey)
A-0216 Preaxial polydactyly: surgical approach and analysis of results
Giorgio Pajardi, C Novelli, C Parola, A Colomba, V Ferrano (Italy)

A-0363 Arthrogyrosis of upper limb: 2 cases
Mohamed Nazam Naoua, A Korchi, A Guerguedj, M Bensahia (United Kingdom)

A-0402 Familial clavicle hand anomalies
Nathan Hammett, A Mishra, P McArthur (United Kingdom)

A-0441 Cavi-care dressings following syndactyly correction
A. Mishra, NTI Hammett, P McArthur (United Kingdom)

08. Radius

A-0074 Does the DVR plate recreate normal anatomy following fractures of the distal radius?
Pablo Menendez, S Pater, HB Colaco, FS Nassim, E Taylor, Mh Lee (Spain)

A-0075 Subchondral Bone Mineral Density of Distal Radius: Characteristics and Differences between Young and Old Age Groups
Seung Hwan Rhee, M S Chung, YH Lee, H S Gong, G H Baek (South Korea)

A-0113 Intra-articular hyaluronic acid treatment following arthroscopy of the wrist joint - presentation of a prospective randomized study
Alexander Schuetz, S Stangl, S Moser, P Dobner, M Nerlich (Germany)

A-0261 Preaxial polydactyly: surgical approach and analysis of results
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A-0264 A Novel Radiographic View: Determining Dorsal Screw Protrusion in Fixation of The Distal Radius
Samuel Joseph Harvey (Australia)

A-0309 Correction of nascent malunion of distal radius fractures
S. Sinan Bilgin (Turkey)

A-0338 Open Reduction Internal Fixation of Distal Radius Fractures performed as Day-Case Surgery
Knut R. Laughame, E. Deshmukh S (United Kingdom)

A-0372 Complex Fragmentation of the Articular Surface of the Distal Radius: Management with Small Kirschner Wires and Bone Graft
Thomas Pikukat, Jorg van Schoonhoven, Karl-Josef Prommersberger (Germany)

A-0377 Visual Estimation of Computerised X-ray Angles. Should we be using digital measuring tools?
S. Nicholison, C. McGravy, L. Rajan, B Singh (United Kingdom)

A-0427 Short- and midterm results with Synthes® Volar Column Plates (VCP) used for unstable distal radius fractures
Adam Gerthard Span, E. Varga, B. Êöõõõøøøhelyi (Hungary)

A-0433 Regional osteodensitometry of the wrist in radius distal fractures consequences
Sergi Stafaf, S. Tymoshenko (Ukraine)

A-0445 Kapandji's pin technique and a non bridging hybrid Ilizarov fixator in the management of unstable distal radius fractures
Minos Tyllianakis, C. Matzaroglou, N. Sfikas, C. Georgiou, A. Saridis (Greece)

A-0470 Outcomes of distal radius fracture fixation with APTUS locking plates and variable angle locking screws
Yadvinder Singh, N. Jagadzinski, R. Nonis, V Rajasmanan, S. Tan, J. Jones, D. Power (United Kingdom)

A-0604 Operative treatment of unstable distal radial forearm fractures - Analysis of 7 cases using a distal half of flexor carpi ulnaris sling procedure around the ulnar neck
Hao-Jung Kang, J S Lee, HY Koh, JG Lee, Y R Choi (South Korea)

A-0129 Operative treatment of distal ulna fracture Joo Hak Kim, H S Park, WS Chung, KH Lee (South Korea)

A-0339 Nonunion of the ulna after ulnar shortening osteotomy
Tochiharu Nakamura, M Okazaki, K Sato, Y Toyama, H Hirogami (Japan)

A-0354 Our experience in upper and lower limb great reimplantation
Alberto De Mas, R Nepola, P. Menla, M Impagnatiello, G Udali, R Mele (Italy)

A-0378 Our experience on TFCC reconstruction with Palmaris longus tendon
Lucia Perez-Garcia

10. Wrist

A-0009 Radial wedge osteotomy with partial resection of the posterior intraosseous nerve in painful osteoarthrosis of the wrist
M Ibarraou, G Roumeloio, E Laimisss (Greece)

A-0041 Diagnosis and classification of wrist fractures using Multimedia Messaging Services (MMS)
Alexandru Novist, S. Lucchinia, A Fenera, G Garavaglia, J Petri, M Ionac, C Fusetti (Switzerland)

A-0071 Proximal row carpectomy: interest to start early results.
Stathis Kappas, N. Chrisiaki, G. Mavrosochatis, M. Paximadis (Greece)

A-0082 Late results of the surgical treatment of distal radius fracture with volar displacement.
Stathis Kappas, P. Zampaki, J. Karkanis, P. Annis, V. Mavros, P. Xinnas (Greece)

A-0361 Reconstruction of Basal Joint Arthritis with Suture Suspension Arthroplasty Technique
Amit Baban, K. Kaba, S. Iyer, C T Khoo (United Kingdom)

A-0365 Four-corner arthrodesis the advantages of circular radiolucent plate fixation.
Dobreanu CN, Meyer G, Amsara B, Ovrouzi E, Valverde M, Alexy Y (France)

A-0367 Volar locking plates for distal radius, can we predict the right size?
N. Thunm Bock, S. Von Unger Covarrubias, Paula Sotelo Villanueva, G. Morgan Siefe, R. de Vinagre, A. Thunm Bock (Chile)

A-0411 1 year Anatomical and Functional Outcomes of patients treated with LCP volar plates for distal radius fractures.
Paula Sotelo, C. Gomez, JM Breyer, A. Canales, R. Borda, C. Susa, L. Pansa, A. Bifani, F. Andrade, S. Voonlager N. Thunm (Chile)

A-0465 A retrospective case series of PIP spacers used in Trapeziectomy.
G. Mark Prempeh (United Kingdom)

A-0470 Outcomes of distal radius fracture fixation with APTUS locking plates and variable angle locking screws
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A-0465 A retrospective case series of PIP spacers used in Trapeziectomy.
G. Mark Prempeh (United Kingdom)
15. Tissue transfers / microsurgery

A-0045 Elbow prosthesis in adolescent
Landini Cugola, E. Cantà (Italy)

A-0090 Case Report of a Radiocapitellar
Roshanak Moradi

A-0348 Dislocation of the carpometacarpal joint of the thumb associated with trapeziump and Bennett’s fractures
Cătălin Lamas, M. Almenara, R. Moldovan, C. Alves, M. Gómez, I. Natera, I. Pouliotis, N. Barzil (Spain)

A-0396 What’s best: forearm stump or an atypical replanted hand ?
Stammie Teodor, R. A Budanca (Romania)

A-0399 When fish fight back: Perch fin foreign body in a pandactyl hand
Nathan Hammett, H. Tehrani, P. McArthur (United Kingdom)

A-0416 Archers’ Thumb: An aneurysm from the ulnar digital artery of the thumb.
Farah Azmil-Vaikunthan, R. Jose, D. Power (United Kingdom)

A-0432 Functional evaluation and medical rehabilitation in the post plastic surgery hand
Sarah Adriana Nico, A. Murgu, G. Mologhan, C. Bălescu, R. Scarlă, M. Ivascu, B. Mitoiu (Romania)

A-0434 Study on clinico-functional and thermographic evaluation of post-plastic surgery hand
Sarah Adriana Nico, G. Mologhan, F. Ögöa, A. Murgu, B. Mitoiu, C. Bălescu, R. Scarlă, M. Ivascu (Romania)

A-0451 Old bullets in the hand: unusual cases of retained foreign body with clinical presentation of lead colic
C. Matzanjakou, E. Athanassalis, A. Sandi, S. Syggelos, M. Tyllianakis (Greece)

A-0493 The osteosynthesis of the hand’s bones by one K-wire
D. Gregorencu, I. Muntean (Romania)

A-0502 Design of an articulated mini-fixation device for proximal interphalangeal joint fractures
T. Letoquip, A. De Greef, S. Bantuelle, W. El Kozi, N. Warsze, A. Detchambre, F. Schaud (Belgium)

17. Elbow

A-0045 Elbow prosthesis in adolescent
Landini Cugola, E. Cantà (Italy)

A-0090 Case Report of a Radiocapitellar
Unicompartimental Elbow Prosthesis (SBI)
Jakubek Markus, Enzendorfer Martin, Treh Clemens (Austria)
A-0157 Ipsilateral distal humerus and distal radius fractures - cases report.
Hyun Soo Park, JH Kim, RH Lee, WS Chung, WJ Jung (South Korea)

A-0198 The importance of pre-operative MRI in epicondylitis treatment
P. Desminouss, S. Scharyck, H. Gsley, P. Beauflis (France)

A-0205 Severe post-traumatic elbow lesions treated with semi-constrained total elbow arthroplasty
Ioannis Ignatidi, D. Aristopoulos, E. Pateromihelakis, S. Liakiopap, N. Hatzinikolaou, E. Panasiou, N. Gerostathopoulos (Greece)

A-0260 Case report: distal humerus wide excision and endoprosthetic replacement in a patient with total elbow posttraumatic ankylosis and extensive joint disorganization
I. Ignatidi, A. Aristopoulos, V. Pouloyi, E. Pateromihelakis, S. Liakiopap, K. Dimitriadis, N. Gerostathopoulos (Greece)

A-0234 Open reduction and internal fixation of the radial head fractures
Suvadil Angelos, Aleksandar D. Valentinov & B. Bulgrad (Bulgaria)

A-0262 The posterolateral approach for the lateral metacarpal with a mini external fixator vs conservative management
M. Ioannou, G. Roumeliotis, I. Papannastassiou, E. Lemosi (Greece)

A-0017 Adventitious and its role in regeneration of vascular wall after microvascular suture performing
Vladimir Balintser, Irina Malinovskaya, Yelena Baranova (Russia)

Samreen Hassan, W. Gahaj, J. Batchin, G. Orange, A. Wilmshurst (United Kingdom)

A-0083 Metacarpophalangeal joints kinematics during grip of everyday objects using three dimensional motion analysis system - preliminary results
Tomasz Bazański (Poland)

A-0094 Model for skill acquisition in surgery
Tahseen Chaudhry, S. Williams, V. Rajaratnam (United Kingdom)

Filippou Giannouts, E. Fandulou, N. Tserenis, N. Hadjipanailou, I. Ignatidi, N. Gerostathopoulos (Greece)

A-0169 Elektra prosthesis for treatment of the base of the thumb oossearthritis.
Pedro Hernandez Cortes, J. DeTores-Urrea, M. Toledo-Romans, M. Pajares-Lopez, R. Gomez-Sanchez, M. Ribes (Spain)

A-0176 Anatomical study determining the length of volar wrist ligaments
Mohammed Omar Ahmed, A. Tavakolzadeh, J. Sinha (United Kingdom)

A-0194 Evaluation of a new collagen membrane (Cova™ ORTHO) in guided tissue regeneration for tenolysis or neurolysis in upper limb surgery. Preliminary results
Emanuel Masmenyan, C. Schlur, G. Cohen, C. Dana, M. Chetouani (France)

A-0208 Application of the external elastic distractor in a comminuted metacarpal head and neck fracture - a case report
A. Mouluouca, G. Tomsia, H. Benea (France, Romania)

A-0221 Adrenaline and ‘end artery systems’ anaesthesia - Dispelling the myth
Benjeer Singh Dhillion, MC Miller, TC Teo (United Kingdom)

A-0283 Surgical treatment of CMC joint arthritis using a mini external fixation system.
E. Zampiakis, S. Thomsa, Athanasias Alexandros, A. Mpagiopolous, N. Kores, P. A. Kinnas (Greece)

A-0291 De la Caffnriére arthropathy in patients with trapeziometacarpal osteoarthritis, 15 years follow up.
Santiago Amilìa, LM Romero (Spain)

A-0293 Posttraumatic exostosis of the fifth metacarpal: Differenatial diagnosis with osteoarthritis.
Santiago Amilìa, LM Romero (Spain)

A-0313 Hypnosis in Hand Surgery
David Llewellyn-Clark, Shervin Abdallah, Richard Venn (United Kingdom)

A-0323 On the relation between the control of force and movement in the hand function
Joao Carlos Nakamoto, J. Her, M. Saia, M. Duarte (Brazil)

A-0335 Sesamoid Arthrodesis of the Thumb Interphalangeal Joint
A. Nicholls, TB Crook, DG Hargreaves (United Kingdom)

A-0345 Pyrocylar Proximal Interphalangeal joint arthroplasty: 8 years experience with 12 implants
Robert Choa, AFM McKee, CP Little, GH McNab (United Kingdom)

A-0368 Proximal phalangeal exostosis of the little finger
Ahmoud Ahtkar, P. Ralte, N. Vassireddy, R. Bassili (United Kingdom)

A-0383 A comparison of patient satisfaction at a busy fracture clinic and specialised hand clinic of a tertiary referral centre in Public Hospital in the UK
Joanne Ritchie, D. Power, V. Rajaratnam (United Kingdom)

A-0387 Are we publishing our abstracts presented at British Society for Surgery of the Hand (BSSH) meetings?
Nakul Kain, A. Mishra, P. McAtharun (United Kingdom)

A-0400 Hand prosthesis - concepts and evolution
Consuelo Monica Ballestres, RG Scarlett, AS Nica, I. Lascar (Romania)

A-0414 Comparison between general anaesthesia and scalen block in shoulder surgery.
Athanasias Alexandros, A. Tsougoi, J. Zampiakis, A. Flitiniotis, S. Thomsa, D. Roazko, M. Mela, P. A. Kinnas (Greece)

A-0431 Comparing the sensitivity and specificity of the grind test and subluxation-relaxation test in osteoarthrisis of the carpometacarpal joint (CMCJ) of the thumb: case series
Robert Choa, N. Parvizi, H. Giele (United Kingdom)

A-0442 What determines the middle phalangeal length: a review of 100 consecutive plain radiographs
Nathan Harrett, A. Mishra, P. McAtharun (United Kingdom)

A-0448 First results of the bone ultrasound measurements after the upper limb replantation and mutilated trauma.
Laura Logina, D. Kirevis (Latvia)

A-0459 War surgery in civil conditions: case presentation of a practical experience in French Guyana
A. Mouluouca, ND. Than, G. Tomsia, H. Benea (France, Romania)

A-0486 Multiple tissular reconstruction after gunshot injuries of upper limb: 33 cases
Mohamed Nassim Nouara, A. Korchi, A. Guerguedj, M. Benyoula (Algeria)

A-0496 The treatment of infectious flexor tenosynovitis in a gouty hand (case presentation)
D. Girgirescu (Romania)

A-0497 A possible strategy regarding the closure of the infected wounds of the upper limb
D. Girgirescu (Romania)
**Integra Symposium**
Friday, June 25th, 2010, Room Amsterdam, 12:30 - 14:00

**Overview and Results of the Total Wrist Arthroplasty Universal 2**

12.30  An American Experience. Universal 2. Presentation of cases
Brian Adams (USA)

13.00  A European Experience. Presentation of cases
Angel Ferreres (Spain)

13.20  Total Wrist Arthroplasty. Surgical Alternatives
Brian Adams (USA)

13.40  Case discussions

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**Pfizer Symposium**
Friday, June 25th, 2010, Room Paris, 12:30 - 14:00

**New Perspectives in the Management of Dupuytren’s Contracture**

12:30  Introduction
Massimo Ceruso (Co-chair) (Consultant Hand Surgeon, Azienda Ospedaliero Universitaria Careggi, Italy)

12:40  Taking a fresh look at Dupuytren's contracture
David Warwick (Consultant Hand Surgeon, Southampton University Hospitals, UK)

13:00  Collagenase in Dupuytren's contracture: data and investigator experiences
Stephan Wilbrand (Consultant Hand Surgeon, Akademiska University Hospital, Sweden)

13:20  Ensuring collagenase benefits our patients: administration training and the role of the hand surgeon
Zsolt Szabo (Consultant Hand Surgeon, BAZ University County Teaching Hospital, Hungary)

13:40  Q & A
Chairman: Joseph Dias (Co-chair) (Consultant Orthopaedic Surgeon, University Hospitals of Leicester, UK)

13:55  Closing remarks
Joseph Dias (Co-chair) (Consultant Orthopaedic Surgeon, University Hospitals of Leicester, UK)

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**Synthes Symposium**
Thursday, June 24th, 2010, Room Madrid, 12:30 - 14:00

**Concepts of Treating Fractures of the Radius. Experiences with the LCP Variable Angle Two Column Distal Radius Plate and LCP Distal Ulna Plate.**

Andreas SCHERZ, Dr

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**Zimmer Symposium**
Friday, June 25th, 2010, Room Madrid, 12:30 - 14:00

**Current Concepts for Hand & Elbow Treatment**

Moderator: Frank-W. Hagena

12:30  Registration & Lunch

13:00  Elbow Fracture Treatment
Chris Coapes

13:15  Elbow Joint Replacement
Daniel Weber

13:30  Wrist Joint Replacement
Frank-W. Hagena

13:37  Finger Joint Replacement
Frank-W. Hagena

13:45  Discussion

In this Zimmer Lunch Symposium the participants can have the possibility to learn more about the Current Concepts for Hand and Elbow Treatment. During the meeting three Expert Faculty members will present the new solutions for the Upper Extremities: fracture solutions for Elbow as well as the implant options for Elbow, Wrist and Fingers.
Opening Ceremony & Welcome Cocktail

Wednesday, June 23rd, 2010, 18:00

All delegates and accompanying persons are kindly invited to attend the Opening Ceremony at the Rin Grand Hotel, Bucharest Room 1st floor. A unique program was specially tailored for this event in order to satisfy all participants. The opening ceremony will be followed by the Welcome Cocktail, also at the Rin Grand Hotel, in the STARS Restaurant, hotel lobby.

The Opening Ceremony and the Welcome Cocktail are included in the registration package for all participants and their accompanying persons.

Congress Dinner at Hanu Berarilor (optional)

Thursday, June 24th, 2010, 19:00

An optional Congress dinner will be held at the Hanu Berarilor (Brewery Inn) - a place that you can rarely find in Bucharest today, a place where you can taste the best dishes along with the best beer. If you want to have fun, the inn is a must, so do not hesitate in booking your ticket to the dinner. Delegates who have confirmed and prepaid their participation will receive the ticket for this Congress dinner with the registration package.

Tickets can be purchased from the Registration Desk, at the price of EUR 50.00 / person.

Dress code: casual

Gala Dinner at Club Cortina (optional)

Friday, June 25th, 2010, 19:00

Come and join us at the spectacular dinner at Cortina Club with a multitude of special dishes (international and traditional Romanian) and an entertaining social program. Cortina Club is about 30 km away from Bucharest, idyllically located in the beautiful countryside of Cobeancu. The location’s garden has been specially designed by a famous Romanian landscapist architect, Virgil Izbasescu in order to be green, exuberant and attractive throughout the year, regardless of the snow or the extreme heat.

Tickets can be purchased from the Registration Desk, at the price of EUR 100.00 / person.

Dress code: casual

Social Events

Half Day City Tours

1. Museum of the Romanian Peasant

Sightseeing tour of Bucharest with stops at the Romanian Peasant’s Museum, with its impressive collection of pottery, traditional costumes, hand-made textiles, handicrafts, religious objects and painted icons.

The tour includes a visit to Curtea Veche Museum, located in the very center of town, with its narrow and picturesque streets still named after ancient artisans’ guilds: Blanariilor (Furriers’) Street; Selarilor (Saddlers’) Street.

Price per person: 30 €

The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

2. Medieval architecture tour

Departure for a panoramic sightseeing of Bucharest and continue with the visit of Mogoșoaia Palace and Târgoviște Monastery.

Mogoșoaia Palace was built by Wallachian Prince Brâncoveanu between 1698 and 1702 as a summer residence for his family and an inheritance for his son Stefan. It is considered to be among the country’s finest examples of Brâncoveanu architecture. Built within a large court and surrounded by a lake and oak forests, the Palace’s main feature is a traditional balcony that winds around the front façade.

Established in 1780, the main church was built in 1812 by the boyar Radu Golea. It is famous for its workshop where the nuns make artistic embroideries used to adorn churches and also sacerdotal clothes.

The monastery also has a small museum.

Price per person: 40 €

The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

3. Village museum

Sightseeing tour of Bucharest, with stops at the Village Museum.

Founded by royal decree in 1936, this fascinating outdoor museum, the largest in Europe, covers some 30 acres on the shores of Lake Herastrau in Herastrau Park. It features a collection of 50 buildings representing the history and design of Romania’s rural architecture. Steep-roofed peasant homes, thatched barns, log cabins, churches and watermills from all regions of the country were carefully taken apart, shipped to the museum and rebuilt in order to recreate the village setting. Throughout the year, the Village Museum hosts special events where you will have a chance to witness folk artisans demonstrating traditional skills in weaving, pottery and other crafts.

The tour includes the Romanian Athenaeum, a concert hall from the 19th century. It was built in record time due to popular contribution, and became the center of music and the national symbol of the Romanian culture, and is the home of the Romanian first
symphony orchestra.
The tour will also stop at the Cotroceni Palace*, the residence of the President of Romania, re-opened to the public since 1991. The Cotroceni Palace also houses the Cotroceni National Museum, which features a rich collection of medieval art.
Price per person: 30 €
The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.
* Please note that the Cotroceni Palace can only be visited if there are no Governmental Meetings at the time.

4. Bucharest sightseeing tour

The tour includes 2 visits, at the Village Museum and the Parliament Palace*. Other attractions included in the city tour are: the Free Press House, The Triumph Arch, Grigore Antipa Museum, the Romanian Peasant Museum, Victoria Palace, George Enescu National Museum, the Art Collection Museum, Romanian Athenaeum, the Royal Palace, Cismigiu Park, Military Academy, Botanic Garden, Cotroceni Palace (the house of the current president).

The Parliament Palace currently holds three records homologated by the Guinness Book of World Records: for the largest civilian administrative building. It was designed by Ceauşescu’s regime as the seat of political and governmental meetings at the time.
The building is the heaviest building and the most expensive administrative building. Its initial official name was House of the People.

The name of this town is connected to the Horezu ceramics which are known and appreciated in 25 countries. The skill of its inhabitants in the art of clay moulding is recognized through a traditional event called “The Horez Cook”, which is an open-air ethnographic museum of old village buildings with exhibits of furniture, household objects and costumes. Visit the Polovragi monastery. Some of them dating back to its foundation.
The establishment founded by the ruler Constantin Brancoveanu in 1619 is located nearby the gorge Polovragi, drained by an Olt affluent, the Oltul River, in the limestone massif of Polovragi.
The citadel was conquered only once in its history, around the year 1600 by Gabriel Báthory. Lunch in Brasov.

1. Bran (Dracula’s) Castle & Surroundings

Arrival in Bran, visit the Castle and its surroundings. This fortified medieval castle, often referred to as Dracula’s Castle, was built in 1377 to protect nearby Branov from invaders. It also served as a customs station. Bran is home to a rich collection of Romanian and foreign furniture and art items from the 14th-19th Centuries. The castle sits high atop a 200 ft. tall rock overlooking the picturesque village of Bran. On the grounds below there is an open-air ethnographic museum of old village buildings with exhibits of furniture, household objects and costumes.

Visit Rasnov Fortress. In Râşnov a citadel was built around the year 1215 by the Teutonic Knights and it was mentioned for the first time in 1331. The citadel was conquered only once in its history, around the year 1600 by Gabriel Báthory. Lunch in Branov.

Price per person: 115 €
The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

2. Medieval Town of Brasov & Poiana Brasov Resort

Departure from Bucharest. Arrival in Brasov, visit the city center by foot. Fringed by the peaks of the Southern Carpathian Mountains and resplendent with gothic, baroque and renaissance architecture, as well as a wealth of historical attractions, Brasov is one of the most visited places in Romania.

Visit the Polovragi monastery. Some of them dating back to its foundation. The establishment founded by the ruler Constantin Brancoveanu in 1619 is located nearby the gorge Polovragi, drained by an Olt affluent, the Oltul River, in the limestone massif of Polovragi.

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Price per person: 115 €
The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

3. Horezu, Polovragi & Targu Jiu

Departure for Horezu, passing through Râmeciu Valera.

Visit the Polovragi monastery. Some of them dating back to its foundation. The establishment founded by the ruler Constantin Brancoveanu in 1619 is located nearby the gorge Polovragi, drained by an Olt affluent, the Oltul River, in the limestone massif of Polovragi.

The name of this town is connected to the Horezu ceramics which are known and appreciated in 25 countries. The skill of its inhabitants in the art of clay moulding is recognized through a traditional event called “The Horez Cook”, taking place in Horezu every year.

The Horezu Monastery is the best and complete Brancovan ensemble in the whole country. The establishment founded by the ruler Constantin Brancoveanu, between 1690-1693 has a rich collection of religious objects, some of them dating back to its foundation.

Visit the Polovragi monastery.
Optional Tours

Three Day Trips – pre/post Congress

1. Painted Monasteries

Among the most picturesque treasures of Romania are the painted churches located in Bucovina, many of which are protected by UNESCO as part of humankind’s world heritage. These richly decorated houses of worship are “albums” of fresco art that have survived the elements since the 15th century. The Voronet Monastery Church in Bucovina, founded in 1488 by Stephen the Great, is widely known throughout Europe as “the Sistine Chapel of the East,” because of its interior and exterior wall paintings, which offer an abundance of blue-chromatic frescoes featuring a color that has come to be known as Voronet blue. The frescoes of this church and many other painted churches in the Bucovina region illustrate biblical scenes, prayers, episodes of sacred hymns and themes such as The Last Judgment and The Ladder of St. John, all variously featuring the colorful and detail-rich imagery of apostles, evangelists, philosophers, martyrs, angels and demons. Beside their vivid frescoes the painted monasteries are famous for the original way of depicting beliefs or events: Sucevita with its unique “Ladder of Virtue”; Humor, featuring the devil amusingly depicted as a woman, and Moldovita, where a monumental scene of the Siege of Constantinople is displayed.

Frescos, surely, and unquestionably religious, but in northeastern Romania’s Bucovina region, the “big five” painted monasteries greatest treasures aren’t hidden behind closed doors. Instead, they cover the exterior walls, eaves to ground, ready to overwhelm viewers at first glimpse. They’ve been doing just that for some 500 years.

Price per person: 600 €

The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

The package includes accommodation, meals, transportation, entertainment, and English speaking guide.

2. Danube Delta

The waters of the Danube, which flow into the Black Sea, form the largest and best preserved of Europe’s deltas - The Danube Delta (Delta Dunarii). The Danube Delta is home to more than 300 migratory and permanent bird species; 160 kinds of fish that include caviar-bearing sturgeon and 800 plant families. This wetlands preserve covers more than 1,678,000 acres (2,622 sq miles) comprising channels and canals widening into tree-fringed lakes, reed islands, numerous lakes and marshes, oak forests intertwined with lianas and creepers, desert dunes and traditional fishermen villages.

On this tour package you will discover the best of the Danube Delta’s bird watching. The birds are those who created Danube Delta’s fame, known, from the beginning of the century, as an avian paradise. The delta of the Danube River represents one of the last natural paradises in Europe, a network of channels, lakes, and lushly vegetated forests. It is home to a fascinating mix of cultures and people — and a huge diversity of birds, presided over by the greatest of them all, the pelican.

Price per person: 700 €

The prices are for a minimum of 25 persons. If the number of interested participants is less than 25, the tour will either be cancelled, or the fees will be different.

The package includes accommodation, meals, transportation, entertainment and English speaking guide.