

"More knowledge, more skills!"

PARIS²⁰¹⁴

XIXth FESSH Meeting

XIth EFSHT Meeting

Articular injuries of the wrist

June 18th-21st

Palais des Congrès
Porte Maillot

Chairman of the Congress: Christophe MATHOULIN

Vice-Chairman and Chief of Financial committee: Max HAERLE

Scientific Committee

Chairman: Thierry DUBERT

Faculty: Michel BOECKSTYNS, Maurizio CALCAGNI,

Riccardo GIUNTA, Carlos HERAS-PALOU,

Daniel HERREN, Riccardo LUCCHETTI

General Secretaries: Aurore DEBET, Philippe LIVERNEAUX

Chairman of the Instructional Course: Marc GARCIA-ELIAS

Registration, Accommodation & General Organisation

MCO Congrès - claire.bellone@mcocongres.com

Industry

MCO Congrès - natalie.ruxton@mcocongres.com

ASSZISZTENCIA - ildiko.szilagyi@asszisztencia.hu

Register online www.fessh2014.com

Programme





European Union of Medical Specialists
EACCME - European Accreditation Council for Continuing Medical Education
Institution of the UEMS
Avenue de la Couronne 20, B-1050, Brussels
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Federation of European Societies for Surgery of the Hand (FESSH)

SUBJECT: EACCME accreditation granted EACCME-10719-G

We are pleased to inform you that your application for European accreditation for:

XIXth Congress of the Federation of European Societies for Surgery of the Hand (FESSH)
Venue: Paris, France (18.-21.06.2014)
Event code: 10719

was granted **14 European CME credits (ECMEC)** by the European Accreditation Council for Continuing Medical Education (EACCME).

European Accreditation

European Accreditation is granted by the EACCME in order to allow participants who attend the above-mentioned activity to validate their credits in their own country.

Accreditation Statement

Accreditation by the EACCME confers the right to place the following statement in all communication materials including the registration website, the event programme and the certificate of attendance. The following statements must be used without revision:

«The 'Federation of European Societies for Surgery of the Hand (FESSH)' (or) 'XIXth Congress of the Federation of European Societies for Surgery of the Hand (FESSH)' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.»

«The 'XIXth Congress of the Federation of European Societies for Surgery of the Hand (FESSH)' is designated for a maximum of (or for up to) 14 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.»

«Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.»

«Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.»

EACCME credits

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for a half a day and 6 ECMECs for a full-day event.

Logo

The UEMS – EACCME logo is a service mark of the European Union of Medical Specialists – European Accreditation Council for CME. This service mark may be used publicly only with the permission of the UEMS – EACCME. The logo may only be used in conjunction with, and in proximity to, the EACCME accreditation statement. The logo cannot be used in notices, advertising, or promotion of activities other than in association with the EACCME accreditation statement.

Feedback report

The EACCME requires you to provide a feedback report of the event within four weeks of its completion together with a copy of the list of participants and the results of the individual feedback assessments by participants.

Brussels, 9. 5. 2014 The UEMS – EACCME Secretariat

UEMS - Union européenne des médecins spécialistes | Avenue de la Couronne 20, B-1050, Bruxelles

IBAN BE28 0001 3283 3820 | BIC (SWIFT) code: BPOTBEB1

The European Accreditation Council for Continuing Medical Education (EACCME) was set up by the UEMS for the purpose of ensuring the international mutual recognition of quality assessments of CME-CPD activities organised all over the world for the benefit of European physicians.

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WELCOME MESSAGE OF THE CHAIRMAN OF ORGANIZING COMMITTEE

Welcome to FESSH 2014 (co-hosted by EFSHT)

Dear friends,

The French Society of Hand Surgery is proud to host the 29th Congress of the FESSH in Paris from 18 to 21 June 2014 .

The Organizing Committee I had the pleasure to lead with the help of my friend Max Haerle, is very representative of the different trends in the European hand surgery . The first time we met was during the 2011 FESSH Congress in Oslo, and we regularly continued during the last 3 years . We tried to anticipate everything, which of course was a challenge ! We hope we have succeeded!

The scientific programme is, from a personal point of view , exceptional, especially with a very high level instructional course, led and organized by my friend Marc Garcia - Elias . A book has been published and is distributed to all registered participants.

Moments of conviviality will also allow us to spend some time all together in other circumstances than professional ones!

We welcome you and hope you will be happy to join us.

Wishing you an excellent Fessh Meeting !!

**Chairman of Organizing Committee
Prof. Christophe MATHOULIN**

WELCOME MESSAGE OF THE CHAIRMAN OF THE SCIENTIFIC COMMITTEE

Dear Colleagues, Dear Friends,

The Scientific Committee is happy to present the final release of the scientific program.

This program is very much oriented towards education and new techniques, as announced:

« More knowledge, more skills »

Invited sessions will offer a global view of current concepts on the hottest topics in Hand and Upper extremity surgery. By exposing yourself to the 10 lectures and 13 symposia chaired by the most prominent specialists, you will improve your knowledge and skills much faster than navigating at home on the Internet!

Three debates will provide a fun and spontaneous confrontation of experts that will help you to make your own opinion on controversial issues!

In the 2 clinical corners you will be able to present and discuss your own cases with our most experienced and specialized colleagues!

The oral free paper sessions are the best place to hear new concepts and techniques. We have received more than 860 abstracts for this meeting. Only 30% were selected. Harder for the authors, better for the listeners! We are confident you will hear very high quality presentations!

Poster sessions will not be marginal! E-posters will be displayed on screens in a dedicated area and selected by a single click! No more long and solitary walks in the venue!

The Scientific Committee does its best to convince you that there is more than one reason for a short stay in Paris in June!

**Thierry Dubert
Chairman of the Scientific Committee**

Michel Boeckstyns (DK),
Maurizio Calcagni (CH),
Riccardo Giunta (D),
Carlos Heras-Palou (UK),
Daniel Herren (CH),
Riccardo Luchetti (I).

FESSH 2014 SMARTPHONE AND TABLET APPLICATION

Try out the new smartphone and tablet application offering the following features:

- Browse the final programme
- Manage your favorite
- List of posters
- Exhibitor location on floormap
- Browse the FESSH 2014 website
- Answer questions during quizz sessions
- News and announcement in push messages

Download the App.

The "FESSH 2014" App is available for Apple, Android, Windows and Blackberry smartphones.

You can also flash the QRcode below to access the proper store depending on you smartphone.
You need to have a QRcode reader installed on your smartphone (Flashcode, Qrafter, i-nigma, etc).

Connection to the network.

You can either be connected to the system via 3G or via WiFi.
A free access to the wireless network is available in the congress venue.
Select the "FESSH" network and enter the access code: "FESSH2014".

Use your smartphone to vote for a quizz session.

The "FESSH 2014" App will allow to interact with the chairmen of selected session (debates,...).
Click on the "VOTE" button, then select the correct date to access the list of sessions available for a quizz.

As soon as a question is made available by the chairman, you will be able to give your answer.
The global results will be displayed on the main screen at the end of each voting period.
You need to be connected to Internet to post your vote (3G or WiFi).



CONGRESS COMMITTEES

FESSH Committee

Chairman

Prof. Christophe MATHOULIN
Institut de la Main - Paris, France

Scientific Committee

Dr. Thierry DUBERT
Institut de la Main Paris France et Hôpital Privé
Paul d'Egine Champigny sur Marne France

Vice-Chairman of the congress & Chief Financial Officer

Prof. Max HAERLE
Klinik für Hand- und Plastische Chirurgie,
Orthopädische Klinik Markgröningen
Markgröningen, Germany

General Secretaries

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Centre de Chirurgie Orthopédique et de la Main
Strasbourg, France

Dr. Aurore DEBET-MEJEAN
Institut Français de Chirurgie de la Main
Paris, France

Financial Committee

Prof. Michel LEVADOUX
Hôpital d'Instruction des Armées Sainte-Anne
Toulon, France

Dr. Christophe RIZZO
Clinique du Parc
Lyon, France

Natalie RUXTON
MCO Congrès - Marseille, France

EWAS Committee

Dr. David J. SLUTSKY
Slutsky Hand & Wrist Institute
Torrance, California, USA

Prof. Guillaume HERZBERG
Hôpital Edouard Herriot - Lyon, Paris

EFSHT Committee

Claude LE LARDIC
Nantes Assistance Main, Clinique Jeanne d'Arc
Nantes, France

Frédéric DEGEZ
SOS Main Angers - Angers, France

Sponsor Relation Committee

Dr. Michel RONGIERES
Centre Hospitalo-Universitaire Purpan
Toulouse, France

Dr. Riccardo LUCHETTI
Poliambulatorio Valturio
Rimini, Italy

Local Committee - FESSH EXAM

Dr. Didier FONTES
Hôpital Européen Georges Pompidou - Service
SOS Mains - Paris, France

FESSH Relation Committee

Dr. J. Henk COERT
Department of Plastic, Reconstructive and Hand
Surgery, Erasmus MC - Rotterdam, The Netherlands

Dr. Francisco Del PIÑAL
Hospital Mutua Montañesa
Santander, Spain

CONGRESS COMMITTEES

GEM Relation Committee

Dr. Jean-Luc ROUX
Institut Montpelliérain de la Main
Montpellier, France

Dr. Dominique LE NEN
Hôpital de la Cavale Blanche
Brest, France

Social Programme Committee

Dr. Jane MESSINA
Istituto Ortopedico Gaetano Pini
Milano, Italy

Information Committee

Dr. Philippe KOPYLOV
Lund University Hospital - Lund, Sweden

Dr. Jean GOUBAU
A.Z. Sint Jan Av - Brugge, Belgium

Prof. Tufan KALELI
Uludag University - Faculty of Medicine
Görükle, Bursa, Turkey

Dr. Bruno LUSSIEZ
Institut Monégasque de Médecine et Chirurgie
Sportive - Principauté de Monaco

Technical Committee

Dr. Emmanuel CAMUS
Clinique Val de Sambre - Maubeuge, France

Dr. Philippe BELLEMERE
Nantes Assistance Main, Clinique Jeanne d'Arc
Nantes, France

Christophe SCHWOB
MCO Congrès - Marseille, France

FESSH SOCIETIES

FESSH Council Members

SECRETARY GENERAL Zsolt Szabo

TREASURER Chantal Bonnard

EXAMINATION COMMITTEE Maurizio Calcagni

HAND SURGERY TRAINING COMMITTEE
David Warwick

RESEARCH COMMITTEE Erik Walbeehm

HAND TRAUMA COMMITTEE Bruno Battiston

RELATIONSHIP COMMITTEE Max Haerle

JOURNAL OF HAND SURGERY COMMITTEE Marco JPF Ritt

EUROPEAN ACCREDITATION OF HAND SURGERY Jörg Bahm

TECHNICAL COMMITTEE Christophe Mathoulin

HISTORIAN Andreas Gohritz

CHAIR OF EUROPEAN BOARD OF HAND SURGERY
(observer status in FESSH Council) Massimo Ceruso

EDITOR-IN-CHIEF OF THE JOURNAL OF HAND SURGERY
(EUROPEAN VOLUME) (observer status in FESSH Council)
Grey Giddins

FESSH National Society Members

AUSTRIAN SOCIETY FOR SURGERY OF THE HAND (ÖGH)
Österreichische Gesellschaft für Handchirurgie

BELGIAN HAND GROUP (BHG)

BULGARIAN SOCIETY FOR SURGERY OF THE HAND (BSSH)

CZECH SOCIETY FOR SURGERY OF THE HAND (CSCR)

THE DANISH SOCIETY FOR SURGERY OF THE HAND (DSFH)
Dansk Selskab for Handkirurgi

ESTONIAN SOCIETY FOR SURGERY OF THE HAND (EKKS)
Eesti Käekirurgia Selts

THE FINNISH SOCIETY FOR SURGERY OF THE HAND (SKKY)
Suomen Käsi­kirurgiyhdistys r.y.

FRENCH SOCIETY FOR SURGERY OF THE HAND (SFCM/GEM)
Société Française de Chirurgie de la Main

GERMAN SOCIETY FOR SURGERY OF THE HAND (DGH)
Deutsche Gesellschaft für Handchirurgie

**HELLENIC SOCIETY FOR SURGERY OF THE HAND AND
UPPER LIMB (EEXX)**

HUNGARIAN SOCIETY FOR SURGERY OF THE HAND (MKT)
Magyar Kézsebész Társaság

IRISH HAND SURGERY SOCIETY (IHSS)

ITALIAN SOCIETY FOR SURGERY OF THE HAND (SICM)
Società Italiana di Chirurgia della Mano

LATVIAN ASSOCIATION FOR SURGERY OF THE HAND (LRKA)

NORWEGIAN SOCIETY FOR SURGERY OF THE HAND (NFH)
Norsk Forening for Handkirurgi

POLISH SOCIETY FOR SURGERY OF THE HAND (PTCR)

PORTUGUESE SOCIETY OF HAND SURGERY (SPOCMA)
Sociedade Portuguesa de Cirurgia da Mão

ROMANIAN SOCIETY FOR SURGERY OF THE HAND (SRCR)
Societatea Romana de Chirurgie a Mainii

RUSSIAN HAND SURGERY SOCIETY - HAND GROUP (RKG)
SLOVENE SOCIETY FOR SURGERY OF THE HAND (SSSH)
Sekcija za kirurgijo roke Slovenskega zdravniškega
društva

SPANISH SOCIETY FOR SURGERY OF THE HAND (SECMA)
Sociedad Española de Cirugía de la Mano

SWEDISH SOCIETY FOR SURGERY OF THE HAND (SHF)
Svensk Handkirurgisk Förening

SWISS SOCIETY FOR SURGERY OF THE HAND (SGH)
Schweizerische Gesellschaft für Handchirurgie

**THE NETHERLANDS SOCIETY FOR SURGERY OF THE HAND
(NVVH)** Nederlandse Vereniging voor Handchirurgie

**TURKISH SOCIETY FOR SURGERY OF THE HAND AND
UPPER EXTREMITY (TCD)**

THE BRITISH SOCIETY FOR SURGERY OF THE HAND (BSSH)

Corresponding Members

THE ISRAELI SOCIETY FOR SURGERY OF THE HAND (ISSH)

LITHUANIAN SOCIETY FOR SURGERY OF THE HAND (LSSH)
Lietuvos plastikos chirurgijos ir reabilitacijos draugija
"Manus Lithuania"

SLOVAK ASSOCIATION FOR HAND SURGERY (SSCR)
Slovenská Spoločnosť Chirurgie Ruky

**THE SOUTH AFRICAN SOCIETY FOR SURGERY OF THE HAND
(SASSH)**

THE KOREAN SOCIETY FOR SURGERY OF THE HAND (KSSH)

FESSH CONGRESSES

PAST FESSH CONGRESSES

1993	BRUSSELS, Belgium.....	G. Lejeune
1994	DUBLIN, Ireland.....	J. Varian
1996	PARIS, France.....	A. Gilbert
1997	BOLOGNA, Italy.....	A. Landi
1998	VIENNA, Austria	H. Millesi
1999	BONN, Germany	P. Bruser
2000	BARCELONA, Spain	A. Lluch
2002	AMSTERDAM, The Netherlands	S. Hovius
2003	LISBOA, Portugal.....	A. C. Ferreira
2005	GOTEBORG, Sweden.....	A. Nachemson
2006	GLASGOW, Scotland.....	P. Burge
2007	ATHENS, Greece	K. N. Malizos
2008	LAUSANNE, Switzerland	D. V. Egloff
2009	POZNAN, Poland.....	L. Romanowski
2010	BUCHAREST, Romania	A. Georgescu
2011	OSLO, Norway	L.-E. Myrseth
2012	ANTWERPEN, Belgium	Y. Baeten & J. Bahm
2013	ANTALYA, Turkey	S. Ada
2014	PARIS, France.....	C. Mathoulin

FUTURE FESSH CONGRESSES



XXth FESSH
2015, MILAN, Italy



XXIth FESSH
2016, SANTANDER, Spain



XXIIth FESSH
2017, BUDAPEST, Hungary

GENERAL INFORMATION

Dates

The XIXth FESSH and XIth EFSHT joint meeting will be held from Wednesday 18 to Saturday 21 June 2014.

Venue

Palais des Congrès de Paris - Level 2 / Niveau 2
2, place de la Porte Maillot - 75017 Paris - France
www.viparis.fr

Contact

Congress PCO: MCO Congrès
27 rue du Four à Chaux - 13007 Marseille - France
Phone: +33 495 09 38 00 - Fax: +33 495 09 38 01
Email: contact@fessh2014.com

Website www.fessh2014.com

Opening hours

- **Wednesday 18 June**
17:00-19:00: Registration opening
18:00-21:00: Opening Ceremony on the exhibition area
- **Thursday 19 June** 07:00-18:00
- **Friday 20 June** 07:00-17:30
- **Saturday 21 June** 07:00-13:00

Registrations

Registrations for pre-registered participants and on-site will be located at the welcome area of the congress.

On-site methods of payment

On-site payments can be made in cash (EURO), bank cheque or credit card (VISA, Master Card, American Express)

Delegates registration fee includes:

- access to lunch workshops
- abstract book
- congress bag with scientific materials
- congress badge
- access to exhibition area
- access to the Opening Ceremony and Welcome reception
- coffee breaks
- certificate of attendance

Accompanying person registration fee includes:

- congress badge
- access to exhibition area
- access to the Opening Ceremony and Welcome reception

Badge

A name EBadge is provided with your registration documents upon arrival at the conference center. Your personal badge is your entrance ticket to the conference centre and all scientific arrangements. For security and regulation purposes, the wearing of the badge is compulsory at all times inside the conference centre and at official events organised within the context of the FESSH congress.

Exhibitors may scan your badge to collect your personal information. This information may be used for commercial purposes. Permission or refusal of badge scanning remains the badge holder's sole responsibility.

Official language

The official language of the Congress is English. No simultaneous translation will be available.

Certificate of attendance

Certificates of attendance will automatically be sent by email once you picked up your badge.

WIFI

There is free access to wireless internet in all parts of the congress venue. Select the 'FESSH' network name and enter the access code 'FESSH2014'.

International phone calls

For all your call abroad France, dial 00 followed by the country code 33.

Liability and Insurance

The Organising Committee accepts no liability for personal injuries or loss or damage of property belonging to the congress delegates, either during or as a result of the congress or during any of the social events. It is recommended that participants arrange their own personal health, accident and travel insurance.

Lunch

No lunch will be served during the congress.

Continuing Medical Education

»The 'Federation of European Societies for Surgery of the Hand (FESSH)' (or) 'XIXth Congress of the Federation of European Societies for Surgery of the Hand (FESSH)' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.«

GENERAL INFORMATION

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»Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.«

»Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.«

Posters

This year, the posters will be available as e-posters only. No paper posters will be displayed during the congress. 15 computers will be made available in a « Poster area » for all to browse the posters during the whole congress.

Speakers room

The speakers room will be located in room 204 at level 2 of the conference centre. Powerpoint presentations must be delivered to the speakers room at least 2 hours before the session starts. Personal computers in the session rooms will not be accepted.

Opening hours

- Thursday 19 June 07:00-18:00
- Friday 20 June 07:00-17:30
- Saturday 21 June 07:00-13:00

Instructional Course Book

The book of Instructional Courses will be given to all FESSH delegates at the welcome area.

Access

Paris can easily be reached by plane, train or car, as it is located crossroad of Europe. It is served by two international airports and a very convenient railway system. The shuttle buses from Charles de Gaulle or Orly airports arrive downtown.

The Palais des Congrès is easily accessible: by car (Parking Porte Maillot under the Convention Centre), by local city

bus (lines 82 - 73 - 43 - 244 PC) or by metro (line 1) or RER (Paris Suburban Express Metropolitan Network, line C). The station is called "Porte Maillot".

• Arriving by plane

Paris has two international airports. Most international flights use the larger Roissy Charles de Gaulle Airport (airport code CDG), 30 km north-east of Paris. The other one is the Orly Airport (airport code ORY), 18 km south of the city. Most international airlines have direct connections to Paris from their respective hubs. Roissy Charles de Gaulle Airport and Orly Airport are both well connected by public transport to central Paris.

From Roissy-Charles de Gaulle Airport (approximate travel time: 75 minutes):

1. RER B, stop at "Chatelet Les Halles"
2. then take RER A to "Charles de Gaulle/Etoile"
3. then line 1 of the metro to "Porte Maillot/Palais des Congrès"

By Air France or ADP shuttle bus: take line 2 (buses go directly to "Porte Maillot/Palais des Congrès" or to the "Opéra" in the city centre). Departure every 15 minutes from 05:45 to 23:00. Approximate travel time: 1 hour. Cost: € 15.00.

From Orly Airport (approximate travel time: 60 minutes):

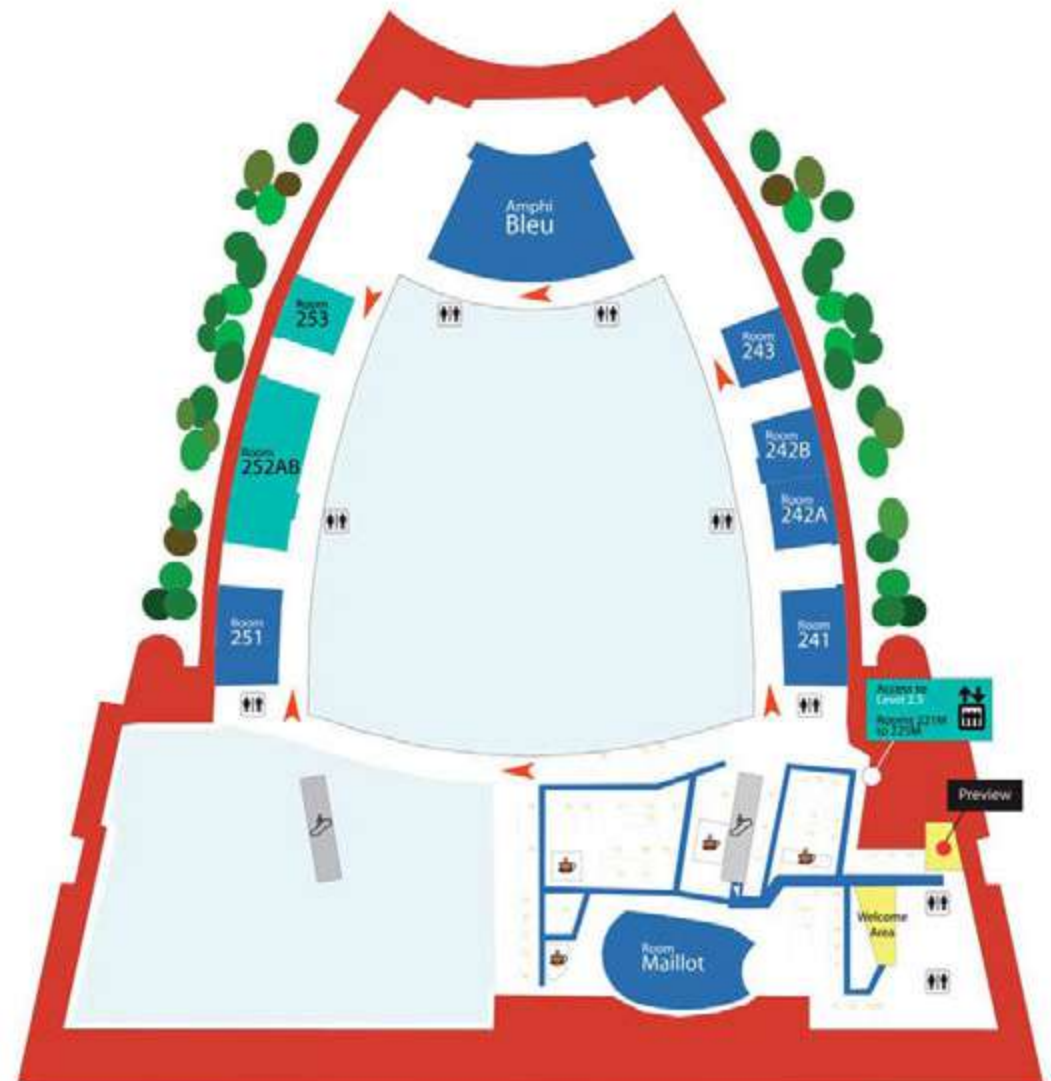
1. High speed shuttle (Orlyval) to "Antony"
2. RER B, stop at "Chatelet Les Halles"
3. then take RER A to "Charles de Gaulle/Etoile"
4. then line 1 of the metro to "Porte Maillot/Palais des Congrès"

By the "Cars Air France": go to "Terminus Etoile", then line 1 of the metro to "Porte Maillot/Palais des Congrès" Departure every 30 minutes from 06:00 to 23:00. Approximate travel time: 40 minutes to 1 hour. Cost: € 11.50. By taxi: approximate travel time to central Paris is 40 minutes to 1 hour depending on traffic. Cost: approximately € 50.00/60.00.

• Arriving by car

To Reach "Porte Maillot", you need to drive on the inner/outer ring road and you should exit at "Boulevard Périphérique Ouest" (west beltway). Direct access to the underground parking of the Palais des Congrès via Porte Maillot. Open 24 hours a day.

FLOOR PLAN



GENERAL INFORMATION

• Arriving by train

Line C of the RER Commuter train provides direct access to the “Porte Maillot” station.

Public transportation

• Metro

The metro is probably the best way to travel within the city. The Palais des Congrès is close to the “Porte Maillot” metro station. It runs from 05:30 to 01:00. You should keep your ticket until you leave the metro as you may need to show it /have it with you at some exit doors and in case of controls.

Line 1 of the metro (La Défense-Château de Vincennes) crosses the city from east to west and provides direct access to the Palais des Congrès “Porte Maillot” station.

• Bus

They are slower than the metro at certain hours of the day depending on traffic, but the bus services are frequent during the day even if more irregular after 20:00 on some lines. Lines to “Porte Maillot”: 82 (Luxembourg-Neuilly), 73 (Concorde-La Défense), and PC1, PC2, PC3 (beltway lines).

• Public transport tickets

Paris public transport is operated by the RATP and includes the metro subway system, RER trains, buses, night buses, Montmartre bus, and the Montmartre funicular railway, all of which accept the same tickets and passes.

You can purchase individual tickets, or a Paris Visite Metro Pass, available for 2, 3 or 5 consecutive days of unlimited travelling: these tickets were created especially for visitors they also include special offers and discounts of up to 35% at a variety of attractions in the Paris area. This makes travelling around the city very easy.

Single tickets cost € 1.80. Tickets for public transport are available at subway stations, some bus terminals and registered retailers, usually tobacconists and bookshops, displaying the RATP sign.

• Taxis

There are approximately 500 taxi stations on the city's major avenues and boulevards. There is an initial fee for each ride. The average fare from downtown to the Palais des Congrès is € 15.00. For your ride back, there is a taxi station located on the Avenue de la Grande Armée, right next to the Palais des Congrès: +33 (0)1 45 72 61 84.

The Airports' specialist is: +33 (0)6 08 57 75 83 available 24 hours and 7/7 days (major credit cards accepted).

Useful telephone numbers

> Paris airports (Roissy CDG and Orly): 3950

> Air France: 3654

> SNCF (French National Railways): 3635

> Taxi services:

Taxis G7: +33 (0)1 47 39 47 39

Taxis Bleus: +33 (0)1 49 36 10 10

> Emergency: 15 or 112

CLIMATE AND CLOTHING

The weather in Paris in June is usually hot and sunny with daily temperatures ranging from 20°C to 35°. Night temperatures are usually mild.

ELECTRICITY

Electricity used in France is 220 Volts; its frequency is 50 Hz and the plugs have two male contact points. Plan to bring a transformer for your electrical or electronic equipment using different voltage.

CURRENCY

EUR (€) is the official currency in France. Money can be changed at the main train stations, international airports, major banks, exchange bureau, most large hotels and the post office. All major credit cards are accepted in most hotels, restaurants and shops.

FESSH PRESENTER GUIDELINES

1. General Technical Guidelines

All presentations are held in Microsoft PowerPoint on Mac or PC computers.

If you are using software other than Microsoft PowerPoint (e.g. OpenOffice, PowerPoint for MAC, Keynote) please make sure your presentation is converted to Microsoft PowerPoint before you travel to the Congress.

Presentations in Acrobat PDF format or WORD format will not be accepted.

Computer projection will be available. Neither slide (35mm) projections nor personal laptops (MAC and PC) can be used in the Congress session rooms. A single computerised system will manage all projections and will send the presentations to the assigned Congress rooms automatically. This tried and tested method guarantees easier management, high quality projection and a quicker, smoother running of the presentations.

In the Speaker Preview Room, a technician helps the speaker to transfer his or her presentation into the central congress network. When the transfer is complete, the technician performs a quick run of the presentation with the speaker to check whether the presentation runs correctly and all parts of the presentation are copied. Desktop computers will be available at the speakers' secretariat for any last minute changes and to review presentations.

No more changes can be made inside the session room where the session will take place.

In the session room, each speaker starts the corresponding presentation. When the presentation is launched, the speaker has control and can navigate with a remote device.

Technical instructions

- During the Congress, presentations will run on PowerPoint 2010 with a resolution of 1024 x 768 pixels.
- Your presentation should be prepared in PowerPoint 2003, 2007 or 2010.
- Preferred page setup is landscape orientation with high-contrast lettering and readable fonts.
- Use high-contrast colours: light text on dark background or vice versa

• A maximum of 7 lines / slide and 5 words / line will improve the communication value of your slide.

• PowerPoint presentations on USB memory stick (preferred medium), disk or CD-Rom must be delivered at the Speaker Preview Room at least two hours before the beginning of the session.

Suggestions to improve a PowerPoint presentation

- In general: the smaller your PowerPoint presentation (in size) the easier it is to handle.
- Any movie/image file must be in the same folder of the PowerPoint presentation and must be copied in the folder before being included in the presentation.
 - Alternatively use "Pack and go" or "Package to CD/DVD/USB" in PowerPoint. For ease of possible assistance if there is a problem with your movies (not playing on standard machines because codec's under which the movie was recorded are unknown and not installed on standard machines) we recommend that you do not use the new feature in PowerPoint 2010 to EMBED the movies in your presentation. We advise a LINK to the movie file instead.
- We suggest putting a maximum of one movie per slide.
- The following media are recommended to facilitate the presentation download at the Preview Room: USB memory sticks (preferred medium), CD-ROMs and DVD. It is also possible to download the presentation from a personal laptop at the Preview Room, provided that the speaker stops at the Preview Room at least two hours before the beginning of the session.
- Only single projection is available in the Congress rooms.

Transitions

- Please do not use timer controlled transitions. Timer controlled transitions are transitions that will switch to the next slide after x seconds or minutes. This will interfere with our cue light system and confuse you during your talk.

Presenter Mode

- The presentation software will not allow use of the Microsoft PowerPoint Presenter Mode. This mode allows you to read comments on your presentation file but is not compatible with transitions and videos. You should then print your comments before coming to the Congress.

Pictures

- Do NOT save the picture as BMP or TIFF (size is too big)
- Images with .gif and .jpg extensions are recommended to obtain a light presentation (other kinds of extensions - recognisable by PowerPoint - will be accepted all the same).
- Save the pictures used in your presentation on your CD, DVD or USB-stick (In case of problems we can re-insert the original).

Video

- Movies must not exceed 50 MB each (50 MB is not necessarily the limit, we can handle larger movies without any problems but the video may not present smoothly). Always bring your movies on DVD or other support, and inform the technicians at the Preview Room the day before the presentation.
- MPG (MPEG), MP4, AVI are the only acceptable video formats.
- Save the videos used in your presentation on your USB-stick CD or DVD (in case of problems we can re-insert the original).

Fonts

- Try to avoid the use of non-Standard fonts as they may not be displayed correctly during the presentation.

Always try the CD on another computer before you bring it to the Congress.

2. Speakers and Moderators specific Guidelines

a. Symposia

All the symposiums last 1 hour. The moderators are free to allocate different times to the speakers and divide discussion, as they want. The total time of the session must be scrupulously respected, and this is of the moderator's responsibility.

b. Free Papers sessions

Speakers Guidelines

Duration for Free oral presentations is 7mn. Each speaker must give a PowerPoint presentation to the technicians in the preview room as soon as they arrive on the congress.

Moderators Guidelines

- Duration for Free oral presentations is 7mn.
- The sessions may last 30mn, 60mn, 90 mn or 120 mn. Before starting the session, count the time allocated for discussion according to the number of papers. The moderators are free to allocate the discussion slots as they wish. The total time of the session must be scrupulously respected, and this is the moderator's responsibility.

c. Video Flash sessions

Speakers Guidelines

- Duration of Video Flash are 3mn.
- The ideal formats for videos are .avi and .mp4.
- There won't be sound systems to play any audio from the presentations but presenters are invited to personally comment the movie to the audience.

Moderators Guidelines

- Duration of Video Flash presentations are 3mn.
- Video Flash sessions are 30mn long.
- Before starting the session, count the time allocated for discussion according to the number of presentations.
- The moderators are free to divide discussion as they want.
- The total time of the session must be scrupulously respected, and this is of the moderator's responsibility.

d. ePosters

- ePosters will be available through computers in the ePoster area.

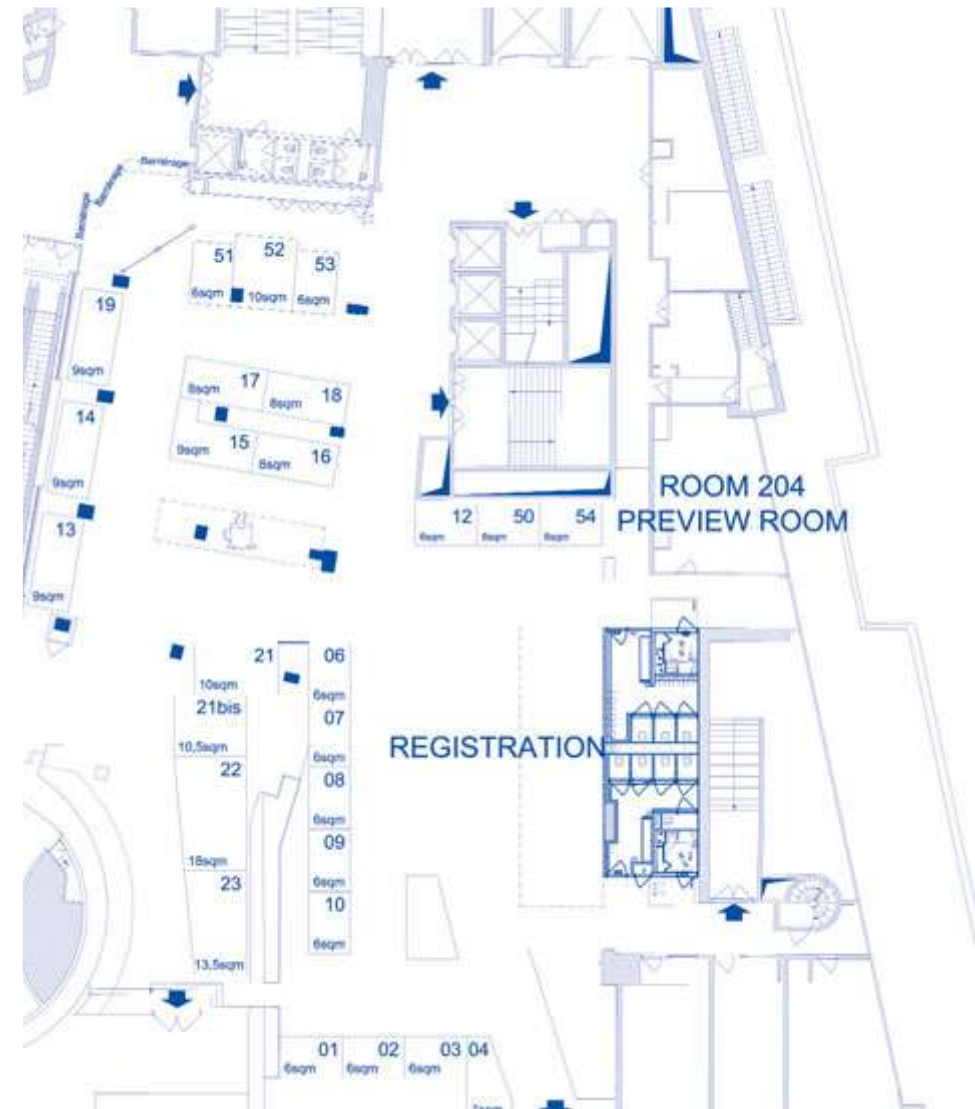
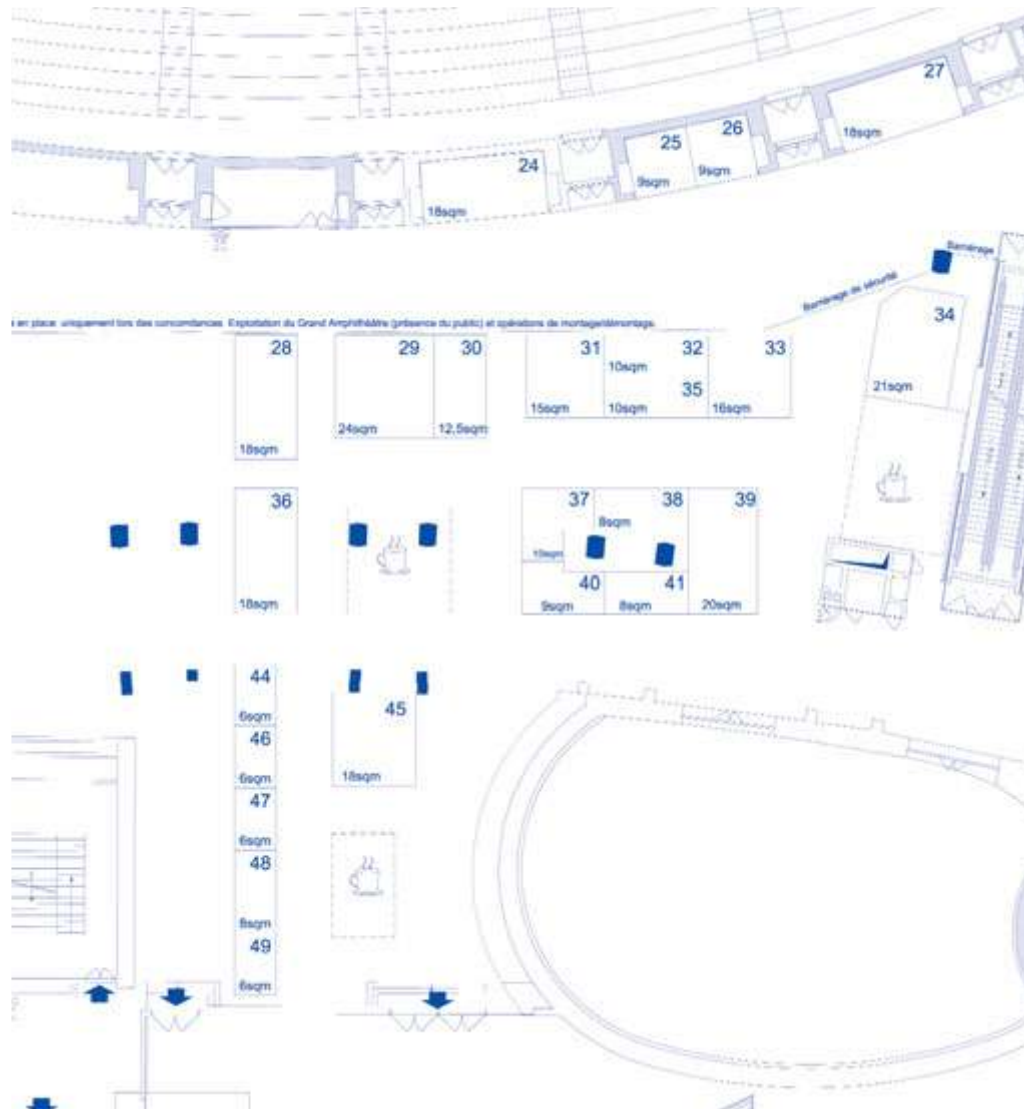
Each author received a link to upload the eposter before the congress as there won't be any possibility to upload them onsite.

Participants will be able to view, comment and rate the ePosters.

EXHIBITION FLOORPLAN

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Acumed	32	EFSHTnear rooms 252AB/253
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LUNCH WORKSHOPS

Thursday 19 June 2014 -
12.30 - 13.30



AXOGEN

Current Concepts for Improving Nerve Repair Outcomes
Peter J. Evans, MD, PhD, Steve L. Moran, MD, Greg M. Buncke, MD, Erick DeVinney
Room 252AB



DEPUY SYNTHES

High-energy injuries of the wrist
Speakers: Prof. Michel Merle, Dr. Daniel Rikli, Dr. Bernard Lallemand
Room 241



KARL STORZ

Intrinsic ligament injury and arthroscopic repair in the wrist
Speakers: Prof. Max Haerle, Prof. Christophe Mathoulin, Dr. Andrea Atzei, Dr. Paco Pinal, Dr. Nicole Schmelzer-Schmied
Room 253



MEDARTIS

Distal Radius Fracture Malunion – Failed Repairs – Salvage Procedures
Speakers: Prof. Hermann Krimmer, Dr. Laurent Obert, Dr. Radek Kebrle, Dr. Martin Leixnering, Dr. Christoph Pezzer
Room 251



SMALL BONE INNOVATIONS

A new solution for a cmc joint: Moovis® dual mobility (SBI)
Speakers: Pr Gilles Dautel MD, MD Alain Tchurukchichian, MD Jean-Luc Roux
Room 242A



TORNIER

Feedback and tips & tricks on Pyrocardan and Amandys interposition implants
Speakers: Dr Philippe Bellemere, Dr Erle Weltzer, Pr Maurizio Altissimi, Dr Greg Hoy
Room Maillot



Friday 20 June 2014
12.30 - 13.30

ARTHREX

1. A new approach to an old problem. Scapholunate axis Method. Central Transosseous SL Repair. *Dr. Jürgen Dolderer*
2. Tightrope Suspension after Trapeziumectomy. Fast, reliable, effective. *Dr. Martin Wells*
Room Maillot



INTEGRA

Integra® Freedom Total or Hemi Wrist Prosthesis launch Meet the expert
R. Bindra MD FRCS
Room 224M/225M



KLS MARTIN

CapFlex PIP - A real surface replacement
Speakers: Dr. Daniel Herren, Dr. Stephan Schindele, Prof. Dr. med. Hermann Krimmer
Room 242B



LEPINE

CMC1 Total Arthroplasty 10 years experience
Speakers: Prof. Chammas, Prof. Obert, Dr. Kinnen, Dr. Teissier, Dr. Barbary, Dr. Bovet, Dr. Vandendungen
Room 253



MATERIALISE

Distal radius osteotomies, a novel approach with 3D virtual planning and guided surgery
Speakers: Dr. Frederik Verstreken, Prof. Dr. Diego L. Fernández
Room 252AB



NEWCLIP TECHNICS

Hand: Innovative Solutions
Speakers: Dr Gilles Candelier, Dr. Stephane Romano, Dr. Thomas Aparid, Dr. Andre Gay, Pr Jean-Yves Beaulieu
Room 242A



SObi

Strengthen your expertise in Dupuytren's contracture
Speakers: Prof. Warwick, Dr. Leclercq, Dr. Wilbrand
Room 241

PROGRAMME AT A GLANCE

FESSH Thursday 19 June 2014

Room	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00
AMPHITHÉÂTRE BLEU	SYMPOSIUM VOLAR PLATING OF DISTAL RADIUS FRACTURES – UPDATES	LECTURE Congenital differences: "What to do and what not?"	FREE PAPERS: DUPUYTREN				FREE PAPERS: DUPUYTREN	DEBATE Is there a role for collagenase in the management of Dupuytren's?					LECTURE Crush injuries to the hand.	FREE PAPERS VIDEO FLASH WRIST	LECTURE State of Hand Surgery in 2014.	LECTURE Evolution of functional surgery for the upper limb in tetraplegia. 40 years of experience.	SYMPOSIUM FAILURES AND EXPERIENCE-BASED CHANGES IN PRACTICE		
Room MAILLOT	FREE PAPERS: WRIST FUSIONS		SYMPOSIUM DRUJ INSTABILITY PROPOSITION FOR AN ALGORITHM			INSTRUCTIONAL COURSE Articular injury of the wrist - Part 1	FREE PAPERS: BASIC SCIENCE 1			LUNCH BREAK, VISIT OF POSTERS & LUNCH WORKSHOPS									
Room 241	FREE PAPERS: FINGER OSTEOARTHRITIS		FREE PAPERS: FLEXOR TENDONS		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION										FREE PAPERS: FLAPS		FREE PAPERS: WRIST ARTHROPLASTY		
Room 242 A	FREE PAPERS: MISCELLANEOUS		FREE PAPERS: WRIST INSTABILITY			FREE PAPERS: HAND TRAUMA	11:30 SYMPOSIUM HAND TRAUMA COMMITTEE		SYMPOSIUM CONGENITAL: WASSEL IV DUPLICATED THUMB	FREE PAPERS: WRIST ARTHROSCOPY			SYMPOSIUM DISTAL RADIUS MALUNION DIAGNOSIS AND TREATMENT	FREE PAPERS: BASIC SCIENCE 2					
Room 242B	HTC MEETING		FREE PAPERS: FINGER BONE AND JOINT			FREE PAPERS: CONGENITAL		IFSSH DELEGATES MEETING										CLINICAL CORNER THE PAINFUL PIP JOINT	

PROGRAMME AT A GLANCE

FESSH Friday 20 June 2014

	AMPHITHÉÂTRE BLEU	Room MAILLOT	Room 241	Room 242 A	Room 242B
08:00	LECTURE Robotic Microsurgery				
08:30	DEBATE What will be the future successful strategy following limb amputation? Transplantation or prosthesis?	FREE PAPERS: DISTAL RADIUS FRACTURE	FREE PAPERS: FINGER TRAUMA	SYMPOSIUM NERVE CONDUITS	FREE PAPERS: ELBOW & SHOULDER
09:00					
09:30	FREE PAPERS: NERVE REPAIR		FREE PAPERS: OUTCOME MEASUREMENT	SYMPOSIUM NERVE TRANSFER	
10:00		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION			
10:30			FREE PAPERS: OUTCOME MEASUREMENT	SYMPOSIUM TOP 10 DOWNLOADED ARTICLES IN JHS IN 2013	FREE PAPERS: ELBOW & SHOULDER
11:00					
11:30	FREE PAPERS: SCAPHOID NON UNION	INSTRUCTIONAL COURSE Articular injury of the wrist - Part 4	SYMPOSIUM OUTCOME MEASUREMENTS: WHERE DO WE STAND WHERE SHOULD WE GO?	FREE PAPERS: DISTAL RADIUS FRACTURE	SYMPOSIUM ELBOW
12:00					
12:30		LUNCH BREAK, VISIT OF POSTERS & LUNCH WORKSHOPS			
13:00					
13:30	VIDEO PRESENTATION Destination tendon.		FREE PAPERS: SCAPHOID NON UNION		
14:00	LECTURE Dupuytren's anatomy revisited.	INSTRUCTIONAL COURSE Articular injury of the wrist - Part 5	FREE PAPERS: WRIST LIGAMENT INJURY	FREE PAPERS: BRACHIAL PLEXUS	CLINICAL CORNER BASAL THUMB OSTEOARTHRITIS
14:30	DEBATE Is CRPS a useful diagnosis?				
15:00		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION			
15:30	LECTURE Clinical anatomy of the intrinsic muscles of the hand.	FREE PAPERS: VIDEO FLASH HAND	FREE PAPERS: FINGER LIGAMENT INJURY	FREE PAPERS: BRACHIAL PLEXUS	
16:00					
16:30	FESSH GENERAL ASSEMBLY				
17:00					

PROGRAMME AT A GLANCE

FESSH Saturday 21 June 2014

	AMPHITHÉÂTRE BLEU	Room MAILLOT	Room 241	Room 242 A	Room 242B
08:00	LECTURE Analysis of Rembrandt's Anatomy Lesson	FREE PAPERS: MICROSURGERY	08:00 - 09:45 FREE PAPERS: BASAL THUMB OSTEOARTHRITIS	FREE PAPERS: OTHER NERVE ENTRAPMENTS	
08:30	SYMPOSIUM EWAS - SESSION 1 - INSTABILITY			FREE PAPERS: ULTRASOUND CTR	
09:00		FREE PAPERS: POST TRAUMATIC WRIST	FREE PAPERS: CHRONIC PAIN MANAGEMENT		
09:30	09:40 - 10:10 LECTURE What lesson after more than 20 years of wrist arthroscopic surgery?				
10:00	COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION				
10:30	10:40 - 11:00 SYMPOSIUM EWAS - SESSION 2 - CARPUS	LECTURE Trauma Reconstruction of "complex" fractures in the upper limb		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION	
11:00	11:00 - 11:40 SYMPOSIUM EWAS - SESSION 3 - DISTAL RADIUS	FREE PAPERS: KIENBOCK'S DISEASE		FREE PAPERS: TENDONS ELECTIVE SURGERY	
11:30	11:40 - 12:20 SYMPOSIUM EWAS - SESSION 4 - RESECTION	FREE PAPERS: ANATOMY	FREE PAPERS: CARPAL TUNNEL	SYMPOSIUM ULTRASOUND IN HAND SURGERY	
12:00					
12:30					
13:00					

PROGRAMME AT A GLANCE

EFSHT Thursday 19 June 2014

Room 252AB		Room 253	Room 223M
08:30	REGISTRATION		
09:00	WELCOME OPENING		
09:30	WRIST SESSION		
10:30		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION	
11:00	ALLOGRAFT SESSION	HAND REHABILITATION ACTUALITIES SESSION	WORKSHOP ELECTROTHERAPY TREATMENT
12:00		LUNCH BREAK, VISIT OF POSTERS & LUNCH WORKSHOPS	
14:00	CHRONIC POLYARTHRITIS SESSION	TENDON SESSION	WORKSHOP ELECTROTHERAPY TREATMENT
15:00		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION	
15:30	THE CMC OSTEOARTHRITIS SESSION	ANATOMY AND PHYSIOLOGY SESSION	HAND THERAPY CERTIFICATION: HOW TO PREPARE YOUR ECHT PORTFOLIO MEMBERS OF EFSHT EDUCATION COMMITTEE
17:00			

PROGRAMME AT A GLANCE

EFSHT Friday 20 June 2014

Room 252AB	Room 253	Room 223M
09:00		WORKSHOP ORTHOSIS
09:30	09:00 - 09:40 SHOULDER SESSION 09:40 - 10:10 RADIUS FRACTURE SESSION 10:10 - 10:30 GENERAL TOPICS SESSION	
10:30		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION
11:00	SENSIBILITY SESSION	11:00 - 11:20 GENERAL TOPICS SESSION ORTHOSIS SESSION
12:00		LUNCH BREAK, VISIT OF POSTERS & LUNCH WORKSHOPS
14:00	MUSICIANS AND MSDS SESSION	TEN STEPS FROM YOUR CLINICAL QUESTION TO SETTING UP YOUR RESEARCH PROJECT
15:30		COFFEE BREAK AND VISIT OF POSTERS & EXHIBITION
16:05	ECHT SESSION	
16:35	EFSHT SESSION	WORKSHOP ORTHOSIS
17:00		

OTHER MEETINGS

Wednesday 18 June

08:00>17:00	FESSH COUNCIL MEETING	<i>Room 243</i>
14:00>18:00	IFSSH EXECUTIVE COMMITTEE MEETING	<i>Room 242B</i>

Thursday 19 June

08:00>08:30	HAND TRAUMA COMMITTEE MEETING	<i>Room 242B</i>
11:00>15:00	JOURNAL OF HAND SURGERY BOARD MEETING	<i>Room 221M/222M</i>
12:00>14:00	IFSSH DELEGATES' COUNCIL MEETING	<i>Room 242B</i>
16:30>17:30	FESSH DELEGATES' MEETING	<i>Room 242A</i>

Friday 20 June

12:30>13:30	EWAS GENERAL ASSEMBLY	<i>Amphi Bleu</i>
16:00>17:30	FESSH GENERAL ASSEMBLY	<i>Amphi Bleu</i>

DETAILED PROGRAMME Thursday, 19 June 2014

08:00-09:00

S01-1 SYMPOSIUM VOLAR PLATING OF DISTAL RADIUS FRACTURES: UPDATES*Amphi Bleu*

Moderators: Diego L. FERNANDEZ (Bern, SWITZERLAND), Hermann KRIMMER (Ravensburg, GERMANY)

- > Technique, Tricks and Hints of Volar Plating. *Hermann KRIMMER (Ravensburg, GERMANY)*
- > Minimally Invasive Volar Plating. *Philippe LIVERNEAUX (Illkirch Graffenstaden, FRANCE)*
- > Limitations and Contraindications of Volar Plating. *Jesse Bernard JUPITER (Massachusetts, UNITED STATES OF AMERICA)*
- > Complications of Volar Plating. *Michele RAMPOLDI (Rome, ITALY)*
- > Corrective Osteotomies Through the Volar Approach. *Diego L. FERNANDEZ (Bern, SWITZERLAND)*

S02-1 FREE PAPERS WRIST FUSIONS.....*Amphi Maillot*

Moderators: Philippe BELLEMERE (Nantes, FRANCE), Philippe CUENOD (Geneve, SWITZERLAND)

- A-0080 - Long term results of Four Corner Fusion and Proximal Row Carpectomy. Two salvage procedures of the wrist. *Marel Berkhou, Yara Bachour, Kang- Hé Zheng, Simon Strackee, Marco Ritt (Netherlands)*
- A-0158 - Proximal-row carpectomy in manual workers: what can we expect? A single-center series of 17 patients with 75 months average follow-up. *S. Delclaux, P. Mansat, M. Rongières, C. Aprédaei, P. Bonneville (France)*
- A-0257 - Does distal scaphoid resection in radioscapholunate arthrodesis increase range of motion at long term follow-up? *Marie Loret, Cindy Bouvet, Ergys Gjika, Philippe Vostrel, Alexander De Smet, Jean-Yves Beaulieu (Switzerland)*
- A-0358 - Total Wrist Fusion Using a Volar Locking Plate. *Reema Chawla, Anna Kropelnicki, Charles A Pailthorpe, Zulfiqar O Rahimtoola (UK)*
- A-0455 - Reliability and reproducibility of radiological classifications of SLAC and SNAC wrist. *T. Waitzenegger, P. Viala, H. Lenoir, C. Lazerges, B. Coulet, C. Cyteval, M. Chammass (France)*
- A-0784 - Does partial or complete wrist fusion change the load distribution of the hand during gripping? *Marion Mühlendorfer-Fodor, Angela Reger, Alessandra Cristalli, Axel Kalpen, Jörg van Schoonhoven, Karl Josef Prommersberger (Germany)*
- A-0582 - Posttraumatic arthritis of the wrist: proximal row carpectomy versus four-corner arthrodesis. *Lisa Reissner, Sebastian Kluge, Stefanie Hensler, Daniel Herren (Switzerland)*

S03-1 FREE PAPERS FINGER OSTEOARTHRITIS*Room 241*

Moderators: Laurent OBERT (Besancon, FRANCE), Klauss RUDOLF (GERMANY)

- A-0606 - Anatomic PIPJ Replacements: A Comparison of the Avanta and Ascension Implants at 6 year follow-up. *Clare Langley, Jonathan Hobby (UK)*
- A-233 - CapFlex-PIP© - A new modular surface-gliding arthroplasty. Results of a prospective pilot study. *S. Schindele, L. Audigé, S. Hensler, M. Marks, D. Herren (Switzerland)*
- A-0430 - Costal Osteochondral Grafting for Cartilage Defects in Finger Joints. *Kazuki Sato, Takuji Iwamoto, Noboru Matsumura, Yoshiaki Toyama, Toshiyasu Nakamura (Japan)*
- A-0032 - Pyrocarbon proximal interphalangeal joint arthroplasty: a medium to long term follow-up of a single surgeon series. *P. A. Storey, M. Goddard, C. Clegg, M. E. Birks, S. H. Bostock (UK)*
- A-0853 - A prospective, synchronous, three region, audit of distal inter-phalangeal joint arthrodesis in the UK. *Emma Reay, David Dickson, Jonathan Stevenson, Ian Grant (UK)*

S04-1 FREE PAPERS MISCELLANEOUS.....*Room 242A*

Moderators: Régis LEGRE (Marseille, FRANCE), Alberto LLUCH (Barcelona, SPAIN)

- A-0566 - Botulinum toxin type A in the treatment of Raynaud's phenomenon due to systemic sclerosis. *Andre M Gay, Julien Serri, Veronique Veit, Aurelie Iniesta, Didier Guinard, Régis Legré (France)*
- A-0715 - Effects of repeated Botulinum toxin A injections and occupational therapy on hand function in children with cerebral palsy. A randomized controlled trial. *Git Lidman, Ann Nachemson, Marie Peny-Dahlstrand, Kate Himmelmann (Sweden)*
- A-0604 - A Novel Minimal invasive technique for autogenous cancellous bone graft harvesting from the iliac crest: Early Clinical outcomes. *Nazim Karalezli, Onur Bilge, Ismail Hakki Korucu, Toirul Ismailov (Turkey)*
- A-0127 - Short duration of antibiotic administration concomitant to surgical drainage does not enhance recurrence risk of hand phlegmona. *Camillo Müller, Jean-Yves Beaulieu, Paolo Erba, Alexandre De Smet, Nicolas Balagué, Daniel Walder, Ilker Uçkay (Switzerland)*
- A-0547 - Amputation of a spastic, paralysed arm after a stroke, prosthetic supply and functional outcome. *Pernille Leicht, Ellen Thomsen Rasmussen, Stig Jensen, Lisbeth Villemoes Sørensen (Denmark)*
- A-0597 - Osteoid osteomas of the wrist. Report of 19 cases. *Alberto Lluch, Angel Ferreres, Marc Garcia-Elias (Spain)*
- A-0250 - Rock climbing as a risk factor for Dupuytren's disease: results of a cross-sectional study in Catalonia (Spain). *Helena Beleta, José M^a Arandes Renú, Ferran Torres, Joaquín Forés (Spain)*

09:00-09:15

E02 EFSHT WELCOME OPENINGRoom 252AB

Welcome Opening- EFSHT President. Gabriele VERSÜMER BÜCKER (Thun, SWITZERLAND)

09:00-09:30

S01-2 LECTURE CONGENITAL DIFFERENCES: WHAT TO DO AND WHAT NOT?Amphi Bleu

Moderator: Julien GLICENSTEIN (Paris, FRANCE)

Presenter: Steven HOVIUS (Rotterdam, NETHERLANDS)

09:00-10:00

S02-2 SYMPOSIUM DRUJ INSTABILITY: PROPOSITION FOR AN ALGORITHMAmphi Maillot

Moderators: Andrea ATZEI (Treviso, ITALY), Didier FONTES (Paris, FRANCE)

Introduction. Didier FONTES (Paris, FRANCE), Andrea ATZEI (Treviso, ITALY)

Stabilizing mechanisms of the DRUJ. Elisabet HAGERT (Stockholm, SWEDEN)

Clinical and arthroscopic diagnosis of DRUJ instability. Tommy LINDAU (Derby, UNITED KINGDOM)

DRUJ instability in distal radius fractures and malunions. Markus GABL (Innsbruck, AUSTRIA)

DRUJ instability due to repairable TFCC tear. Riccardo LUCHETTI (Rimini, ITALY)

DRUJ instability due to irreparable TFCC tear. Max HAERLE (Markgröningen, GERMANY)

Proposal for algorithm of treatment. Marc GARCIA ELIAS (Barcelona, SPAIN)

Discussion.

Conclusive remarks. Didier FONTES (Paris, FRANCE), Andrea ATZEI (Treviso, ITALY)

S03-2 FREE PAPERS FLEXOR TENDONSRoom 241

Moderators: Roberto ADANI (Modena, ITALY), Raja SABAPATHY (Coimbatore, INDIA)

A-0288 - Biomechanical Analyses of the Human Flexor Tendon Adhesion Model in the Hand: A Cadaveric Study.

Jihyeung Kim, Young Ho Lee, Hyun Sik Gong, Seung Hwan Rhee, Hyuk Jin Lee, Goo Hyun Baek (South Korea)

A-0140 - Outcome results of primary flexor tendon repair in zone 1 and 2: Early passive mobilization versus controlled active motion (CAM). Florian Frueh, Viviane Kunz, Isaac Gravestock, Leonhard Held, Mathias Haefeli, Pietro Giovanoli, Maurizio Calcagni (Switzerland)

A-0474 - Early active finger flexion exhibits better short term but not better long term results than passive flexion. A prospective randomized study. István Zoltán Rigó, Jan-Ragnar Haugstvedt, Magne Røkkum (Norway)

A-0170 - Flexor tendon repair in zone II with 6-strand technique and early controlled active mobilization.

Junya Imatani, Shiro Moritani, Kazushige Maeda, Yukiko Kirita, Masamichi Hayashi. (Japan)

A-0866-Primary flexor tendon grafting in the acute settings as a possible zone 2 injury treatment option. Irina Miguleva, Ivan Kliukvin (Russia)

A-0719 - What are the key determinants of successful flexor tendon repair? Can good outcomes and a low rupture rate still be achieved despite varied operative techniques? Ashleigh Bell, Martin Joseph, Helen Smith, Megan Newton, Sahan Rannan-Eliya (UK)

A-0084 - Restoration of Profundus Tendon Function in Digits with Good Active Flexion in Proximal Interphalangeal Joint.

Irina Miguleva, Ivan Kliukvin (Russia)

S04-2 FREE PAPERS WRIST INSTABILITYRoom 242A

Moderators: Alejandro BADIA (Doral, UNITED STATES OF AMERICA), Luc VAN OVERSTRAETEN (Tournai, BELGIUM)

A-0584 - A 20 - year Prospective Outcome Study for the Treatment of Dynamic Scaphoid Instability.

Houshang Seradge, Mark Anderson, Winfred Parker, Carrie Baer, Ashley McKenzie (USA)

A-0393 - The inter- and intra-observer variability of wrist cineradiography in diagnosing scapholunate dissociation.

G.S.I. Sulkers, N.W.L. Schep, M. Maas, S.D. Strackee (Netherlands)

A-0766 - The role of three-ligament tenodesis in the treatment of chronic scapholunate instability.

Nicolas Pauchard, Antoine Dedericks, Jerome Segret, Stephane Barbary, François Dap, Gilles Dautel (France)

A-0660 - Early results of Scapho-lunate instability treatment with Mathoulin arthroscopic capsulodesis.

Fernando Cruz, Sílvia Silvério, Leonor Fernandes (Portugal)

A-0611 - The dorsal arthroscopic capsulodesis. Is it the treatment of the sole SL instability?

Luc Van Overstraeten, Emmanuel J Camus, Gustavo Mantovani Rugiero (France)

A-0663 - Dorsal capsuloligamentous repair for acute scapholunate ligament tears. Mathilde Gras, Christophe Mathoulin (France)

A-0495 - The Vascularity of the Lunate: a Micro Computed Tomography Study.

Nick A. van Alphen, Alexis T. Laungani, Andrew Vercnocke, Michel Saint-Gyr, Nirusha Lachman, Erik L. Ritman, Steven L. Moran (Netherlands)

S35-1bis FREE PAPERS FINGER BONE & JOINTRoom 242B

Moderators: Berthold BICKERT (Ludwigshafen, GERMANY), Bertrand FRITSCH (Toulon, FRANCE)

A-0283 - Management of Distal Phalangeal Fractures a 7 year review. Robyn Aik Siew Hay, Shian Chao Tay (Singapore)

A-0543 - Modified Suzuki Frame for the Treatment of Difficult Rolando Fractures. Lisa Neukom, Thomas Giesen, Maurizio Calcagni (Switzerland)

A-0537 - Phalanx reconstruction after finger bone tumors resection. Stamat Teodor, Budurca A. Radu, Lazar Andrei, Mazilu Gabriel, Topa Ionut (Romania)

A-0562 - Phalanx bone defect reconstruction. Amir Karra, Mouna Ounaies, Zied Mabrouki, Hamdi Dimessi, Mehdi Daghfous, Sayed Baccari, Lamjad Tarhouni (Tunisia)

A-0629 - Hook Plate: A versatile tool in hand fracture fixation. Petros Mikalef, Anuj Mishra, Manish Gupta, Simon Tan, Rajive Jose, Dominic Power (UK)

A-0102 - Clinical results after using bioabsorbable plates for treating upper extremity fractures: Efficacy and limitations.

Yukichi Zenke, Akinori Sakai, Toshihisa Oshige, Kunitaka Menuki, Teppei Murai, Yoshiaki Yamanaka, Kayoko Furukawa (Japan)

A-0293 - Prospective Multicenter Trial of Modified Retrograde Percutaneous Intramedullary K-wire Fixation for Displaced Metacarpal Neck and Shaft Fractures. Young Ho Lee, Jung Eun Lee, Seung Hwan Rhee, Sang Lim Lee, Sang Ki Lee, Goo Hyun Baek (South Korea)

09:15-10:30

E03 EFSHT WRIST SESSIONRoom 252AB

> Wrist Proprioception -Past, Present and Future? Elisabet HAGERT (Stockholm, SWEDEN)

> Post operative management of total wrist arthroplasty. Jeanine BEASLEY (UNITED STATES OF AMERICA)

> EFSHT-A-0009 Treating the chronically painful wrist with functional re-education and strengthening.

Annemieke Videler, Mark Smeulders, Mick Kreulen - The Netherlands

> EFSHT-A-0074 Scapholunate dissociation: a complex problem. Midterm clinical and radiological outcomes of the modified Brunelli procedure. Laura C Hamilton, Hayley Richards, Rory G Wetherell, - UK

> Discussion.

09:30-10:00

S01-3 FREE PAPERS DUPUYTRENAmphi Bleu

Moderators: James BLAIR (Edenbridge, UNITED KINGDOM), Giorgio PIVATO (Milano, ITALY)

A-0658 - Accumulative Cost of Needle Aponeurotomy, Collagenase Injection and Open Selective Fasciectomy for Dupuytren's Contracture. Cynthia Tsang, James Blair (UK)

A-0577 - Collagenase dose related correction of flexion deformity in Dupuytren's contracture: A prospective randomized study.

Nash Naam (USA)

A-0548 - Our experience on 83 patients affected by Dupuytren's contracture treated with McCash procedure.

Alessandro Pozzi, Loris Pegoli, Davide Zanin, Francesca Susini, Giorgio Pivato (Italy)

10:00-10:30 COFFEE BREAK AND VISIT OF THE EXHIBITION AREA

10:30-11:30

S09 FREE PAPERS HAND TRAUMARoom 242A

Moderators: Peter HOUPET (Zwolle, NETHERLANDS), Andrzej ZYLUK (Szczecin, POLAND)

A-0623 - Hot Clinics A novel approach to traumatic hand injuries.

Mary McCarthy, Petros Mikalef, Katie McManus, Donna Thompson, Manish Gupta, Darren Chester (UK)

A-0491 - Is the UK ready for hand transplantation?

Mohammad Nassimzadeh, Shohib Tariq, Abdul Karim Nassimzadeh, Ibrar Ali, Dominic Power (UK)

A-0089 - Three-year activity report of the Replantation Service for amputation of the hand in Poland.

A Zyluk (Poland)

A-0717 - Simulation Based Assessments of Hand Trauma Coordinators.

Priyanka Chadha, Matthew Pywell, Lisa Hadfield-Law, Katherine Owers (UK)

A-0556 - Simulation Based Assessments of Hand Trauma Coordinators: A Need for Training.

Priyanka Chadha, Matthew Pywell, Lisa Hadfield-Law, Katherine Owers (UK)

A-0162 - The Epidemiology of Wrist and Hand Injury in Jerusalem.

Shai Luria, Daniel Talmud, Ido Volk, Meir Liebergall, Ronit Calderon-Margalit (Israel)

10:30-12:00

S06-1 FREE PAPERS DUPUYTRENAmphi Bleu

Moderators: Caroline LECLERCQ (Paris, FRANCE), Arnold Peter WEISS, M.D. (Providence, RI, UNITED STATES OF AMERICA)

A-0657 - Xiapex® (collagenase clostridium histolyticum) treatment of patients with Dupuytren's contracture 1 year follow-up. Søren Larsen, Karina Liv Hansen, Tune Ipsen and Jens Lauritsen (Denmark)

A-0023 - Clinical results of percutaneous needle fasciotomy for Dupuytren's disease Is there any correlation between preoperative severity or Dupuytren's diathesis and clinical results? Yoshihiro Abe, Susumu Tokunaga (Japan)

A-0614 - Skin rupture after manipulation in Xiapex® (collagenase clostridium histolyticum) treatment of patients with Dupuytren's contracture. Dorte Kragsgaard, Charlotte Myhre Jensen, Søren Larsen, Tune Ipsen, Jens Lauritsen (Denmark)

A-0481 - Italian experience of the use of Clostridium histolyticum collagenase in the Dupuytren's contracture: 264 patients enrolled in 18 hand surgery departments. *Giorgio Pajardi, Chiara Parolo, Erica Cavalli, Veronica Ponti (Italy)*
A-0655 - An international multidisciplinary Delphi-based consensus definition of recurrence after Dupuytren treatment. *Hester Kan, Frank Verrijp, Steven Hovius, Christianne van Nieuwenhoven, Dupuytren Delphi Group, Ruud Selles (Netherlands)*
A-0748 - Patients' preferences for treatment for Dupuytren's disease: Discrete Choice model. *Guido W van Oijen, Hester J. Kan, Eva van Marion, Steven E.R. Hovius, Christianne A. van Nieuwenhoven, Esther de Bekker, Ruud W. Selles (Netherlands)*
A-0586 - Limited Excision for Dupuytren's Contracture. *Robert Parisien, Arnold Peter Weiss (USA)*
A-0581 - Skin tears during treatment of Dupuytren's contracture with collagenase injections: A prospective cohort study. *Isam Atroshi, Eva Ahlgren, Johanna Walldau (Sweden)*

S07 INSTRUCTIONAL COURSE ARTICULAR INJURY OF THE WRIST - PART 1*Amphi Maillot*
Moderator: Marc GARCIA ELIAS (Barcelona, SPAIN)
> Classification of articular injuries. *Marc GARCIA ELIAS (Barcelona, SPAIN)*
> A fresh look at distal radius anatomy. *Laurent OBERT (Besancon, FRANCE)*
> Surgical approaches to the wrist joint. *Dominique LE NEN (Brest, FRANCE)*
> Imaging of the articular injury of the wrist. *Peter JÖRGSHOLM (Malmo, SWEDEN)*
> Trapezium, trapezoid, and capitate fractures. *Carlos HERAS-PALOU (Derby, UNITED KINGDOM)*
> Hamate and hook of the hamate fractures. *Berthold BICKERT (Ludwigshafen, GERMANY)*

E10 EFSHT WORKSHOP ELECTROTHERAPY TREATMENT*Room 223M*
Presenters: Dominique THOMAS (Grenoble, FRANCE), Davide ZANIN (Turin, ITALY)

S35-1 FREE PAPERS CONGENITAL*Room 242B*
Moderators: Gilles DAUTEL (Nancy, FRANCE), Pier Luigi RAIMONDI (Legnano (Milano), ITALY)
A-0039 - Upper Limb Surgery in Children with Hemiplegic Cerebral Palsy: Simple Things That Work. *Theresa Ann Bidwell, Paul Ting-Yuan Cheng, Ana Jones, Ursula Gee, (New Zealand)*
A-0101 - Surgical treatment of congenital upper limb deficiency using pollicization with different modifications. *I. V. Shvedovchenko, B. S. Kasparov, A. A. Koltsov (Russia)*
A-0628 - Ultrasound guidance of Botulinum toxin injection for upper limb spasticity. Alder Hey experience. *Anuj Mishra, R Chawla, K Littler, R Kumar, P McArthur (UK)*
A-0656 - The carpometacarpal joint after pollicization of the index finger in thumb hypoplasia : fonctional assessment and dynamic four-dimensional computed tomography study. *Clotilde Strugarek-Lecoanet, Jean-Baptiste Meyer, Alain Blum, Gilles Dautel (France)*
A-0755 - Thumb duplication : Analysis of the epiphyseal morphology in grade IV duplications. *P. Perrin, G. Dautel (France)*
A-0783 - Axial patterned flap raised from the radial duplicate in grade IV thumb duplications. *P. Perrin, G. Dautel (France)*

10:30-12:30
S08-2 FREE PAPERS ULNAR SIDE WRIST CONDITIONS*Room 241*

Moderators: Didier FONTES (Paris, FRANCE), Toshiyasu NAKAMURA (Tokyo, JAPAN)
A-0458 - Effect of Wrist Position on Distal Radioulnar Joint Stability: A Biomechanical Study. *Akio Iida, Shohei Omokawa, Hisao Moritomo, Shinsuke Omori, Toshiyuki Kataoka, Mitsuhiro Aoki, Takuro Wada, Mineko Fujimiya, Yasuhito Tanaka (Japan)*
A-0209 - Second-look arthroscopy of open repaired TFCC. *Toshiyasu Nakamura, Hiroo Kimura, Noboru Matsumura, Takuji Iwamoto, Kazuki Sato, Yoshiaki Toyama (Japan)*
A-0279 - Simultaneous arthroscopic repair of deep and superficial TFCC portion for ulnar-side tear with DRUJ instability. *Takeshi Egi, Keisuke Suzuki, Koichi Yano (Japan)*
A-0267 - Isolated Lunotriquetral Ligament Tears Treated with Ulnar Shortening Osteotomy. *Ather Mirza, Justin B. Mirza, Alexander Y. Shin, Daniel J. Lorenzana, Brian K. Lee, Brett Izzo (USA)*
A-0285 - TFCC dorsal tear. *Yukio Abe (Japan)*
A-0765 - Comparison between open and arthroscopic assisted foveal TFCC repair for post-traumatic DRUJ instability. *Riccardo Luchetti, Andrea Atzei, Nicole Badur (Italy)*
A-0605 - Ulna shortening using the oblique intra-articular osteotomy (Comtet-Sennwald osteotomy) A review of 77 patients with an average of 28 months follow up. *Christian Couturier, Francesca Toni, Cristinel Taralunga, Philippe Saffar (France)*
A-0653 - Encouraging results with new plates: ulna shortening osteotomy for ulna impaction syndrome. *Elias Volkmer, Sara Imam, Christine Sophie Hagen, Riccardo Giunta (Germany)*
A-0746 - A magnetic resonance imaging (MRI) study of extensor carpi ulnaris (ECU) tendon disorder associated with traumatic and degenerative triangular fibrocartilage complex (TFCC) tears. *Shigeru Santo, Shohei Omokawa, Akio Iida, Ryotaro Fujitani, Yasuhito Tanaka (Japan)*
A-0689 - Herbert ulnar head prosthesis, a viable option. *Peter Axelsson (Sweden)*
A-0113 - Morphological associations between the distal radioulnar joint and the lunate bone: a radiographic study. *Flavien Mauler, Frank Kola, Pierre Hoffmeyer, Jean-Yves Beaulieu (Switzerland)*

A-0211 - distribution of sensory nerve endings in the human triangular fibrocartilage complex. *Susanne Rein, Manuel Semisch, Marc Garcia-Elias, Alex Luch, Elisabet Hagert (Germany)*
A-0239 - Radiographic predictor of DRUJ instability in distal radius fractures. *Shohei Omokawa, Akio Iida, Ryotaro Fujitani, Shigeru Santo, Yasuhito Tanaka (Japan)*

11:00-12:00
E04 EFSHT ALLOGRAFT SESSION*Room 252AB*
> Bilateral hand allograft, Lyon's team experience. *Aram GAZARIAN (Lyon, FRANCE)*
> Rehabilitation of Hand Transplantation. Lyon's Team Experience. *Harmony BAUDOUIN (FRANCE)*
> Discussion.

E07 EFSHT HAND REHABILITATION ACTUALITIES SESSION*Room 253*
> What can new technologies do for a hand therapist? *Vicenç PUNSOLA-IZARD (Barcelona, SPAIN)*
> Which instruments should be used to assess impairments and activity limitations in patients with hand conditions: the HandART Delphi study. *L. VAN DE VEN-STEVEN (Rosmalen, NETHERLANDS)*
> EFSHT-A-0038-MOVI activation table. *Mojca Kobal Petrisic, Vitoslava Marusic, Slovenia*
> Discussion.

11:30-12:30
S09-2 SYMPOSIUM HAND TRAUMA COMMITTEE*Room 242A*
Moderators: Bruno BATTISTON (Torino, ITALY), Peter HOUP (Zwolle, NETHERLANDS)
> Identification of networks for hand trauma. *Bruno BATTISTON (Torino, ITALY)*
> Methodology of auditing and outcome evaluation in hand trauma. *Ruth LESTER (UNITED KINGDOM)*
> What is an "Hand trauma" ? *Zoe DAILIANA (Larissa, GREECE)*
> What is changing in hand trauma in Europe ? *Igor GOLUBEV (Moscow, RUSSIAN FEDERATION)*

12:00-12:30
S06-2 DEBATE IS THERE A ROLE FOR COLLAGENASE IN THE MANAGEMENT OF DUPUYTREN'S?*Amphi Bleu*
Moderator: Carlos HERAS-PALOU (Derby, UNITED KINGDOM)
Chris BAINBRIDGE (Derby, UNITED KINGDOM), Tim DAVIS (Nottingham, UNITED KINGDOM)

S07-2 FREE PAPERS BASIC SCIENCE 1*Amphi Maillot*
Moderators: Jean-Yves BEAULIEU (Geneve, SWITZERLAND), Stephan F. SCHINDELE (Zürich, SWITZERLAND)
A-0845 - How to screw and not get stuck - Using self tapping screws without pre-tapping predisposes to increased surface roughness of the screw tip. *Ali Hassan Al-Lawati, Sultan Mohammed Al-Maskari, Kawther Al-Adhawi, Mohamed Khalid (Oman)*
A-0322 - Sonographic aided Surgery in HAND. *Somesh Beeharry (France)*
A-0840 - Anodization of titanium does not prevent and in fact may promote adhesion of tendons to the implants An Experimental study. *Omar Al-Mahrouqi, Mohamed Khalid (Oman)*

12:00-14:00
S15-1 IFSSH DELEGATE MEETING*Room 242B*

12:30-13:30
LW1 INDUSTRY SPONSORED LUNCH WORKSHOP
CURRENT CONCEPTS FOR IMPROVING NERVE REPAIR OUTCOMES*Room 252AB*

LW2 INDUSTRY SPONSORED LUNCH WORKSHOP
HIGH-ENERGY INJURIES OF THE WRIST*Room 241*

LW3 INDUSTRY SPONSORED LUNCH WORKSHOP
INTRINSIC LIGAMENT INJURY AND ARTHROSCOPIC REPAIR IN THE WRIST*Room 253*

LW4 INDUSTRY SPONSORED LUNCH WORKSHOP*Room 251*
DISTAL RADIUS FRACTURE MALUNION - FAILED REPAIRS- SALVAGE PROCEDURES

LW5 INDUSTRY SPONSORED LUNCH WORKSHOP

A NEW SOLUTION FOR A CMC JOINT: MOOVIS® DUAL MOBILITYRoom 242A

LW6 INDUSTRY SPONSORED LUNCH WORKSHOP

FEEDBACK AND TIPS & TRICKS ON PYROCARDAN AND AMANDYS INTERPOSITION IMPLANTS.Amphi Maillot

13:30-14:00

S11-1 LECTURE CRUSH INJURIES TO THE HAND.....Amphi Bleu

Moderator: Jefferson BRAGA SILVA (Porto Alegre, BRAZIL)

Presenter: Francisco DEL PINAL (Santander, SPAIN)

13:30-14:30

S14 SYMPOSIUM CONGENITAL: WASSEL IV DUPLICATED THUMBRoom 242A

Moderators: Gilles DAUTEL (Nancy, FRANCE), Gillian SMITH (UNITED KINGDOM)

> Introduction. Gillian SMITH (UNITED KINGDOM)

> Refinements in description of grade IV duplications according to epiphyseal segmentation. Gilles DAUTEL (Nancy, FRANCE)

> Reconstruction of the thumb with the ulnar duplicate in grade IV duplication. Gillian SMITH (UNITED KINGDOM)

> Is there still a place for the 'Bilhaut-Cloquet' procedure in Wassel IV duplicated thumb. Steven HOVIUS (Rotterdam, NETHERLANDS)

> Fallacies in the treatment of Wassel IV duplication: What the textbook have got wrong. P SMITH

> How to improve the contour of the reconstructed grade IV thumb. Gilles DAUTEL (Nancy, FRANCE)

> Unusual and complex cases, complications. Stéphane GUERO (Paris, FRANCE), Aram GAZARIAN (Lyon, FRANCE)

> Pannel discussion.

13:30-15:00

S12 INSTRUCTIONAL COURSE ARTICULAR INJURY OF THE WRIST - PART 2.....Amphi Maillot

Moderator: Marc GARCIA ELIAS (Barcelona, SPAIN)

> Pisiform fractures. Luc DE SMET (Pellenberg, BELGIUM)

> Triquetrum and lunate fractures. Michael SCHÄDEL-HÖPFNER (Düsseldorf, GERMANY)

> Undisplaced scaphoid fractures. Joseph J. DIAS (Leicester, UNITED KINGDOM)

> Displaced scaphoid waist fractures. Geert A. BUIJZE (Dd Amsterdam, NETHERLANDS)

> Scaphoid proximal pole fractures. Konstantinos MALIZOS (Athens, GREECE)

> Discussion "Carpal Bone Fractures".

S13-1 FREE PAPERS FLAPS.....Room 241

Moderators: Alexandru Valentin GEORGESCU (Cluj Napoca, ROMANIA), Konstantinos MALIZOS (Athens, GREECE)

A-0286 - Reconstruction of hand and upper extremity using anterolateral thigh perforator flap.

Kyung Chul Kim, Hak Soo Kim, Seong Eon Kim, In Hyeok Rhyou (South Korea)

A-0407 - Treatment of complex hand injuries using the dorsal ulnar artery perforator flap.

Hiroyuki Gotani, Kaichi Yano, Kosuke Sasaki, Yoshitaka Tanaka, Masahiro Miyashita, Yoshiki Yamano (Japan)

A-0371 - The Vascularised Bone flaps in Complex Acute Hand trauma-The Birmingham Hand Centre experience.

A Mishra, M Gupta, R Jose, D Power, S Tan, G Titley, D Chester, D Evriadiadis (UK)

A-0426 - Muscle-rib flap in upper limb reconstruction. Alexandru Georgescu, Ileana Matei, Irina Capota (Romania)

A-0240 - Anterograde Pedicle Advancement Flap in Finger-tip Injury. SangHyun Lee (South Korea)

A-0263 - Soft Tissue Reconstruction Of The Hand With Heterodigital Artery Flap.

Yalcin Kulahci, Ghan Sahin, Huseyin Karagoz, Celalettin Sever, Fatih Uygur, Safak Ekinci, Selim Turkkan, Mustafa Kurklu (Turkey)

A-0425 - Emergency all-in-one reconstruction in upper limb. Alexandru Georgescu, Irina Capota, Ileana Matei, Filip Ardelean, Octavian Olariu (Romania)

A-0427 - Emergency local perforator flaps in upper limb. Alexandru Georgescu, Ileana Matei, Irina Capota, Filip Ardelean (Romania)

A-0519 - Reconstruction of traumatic dorsal loss of the thumb: four different surgical approaches.

Roberto Adani, Massimo Corain, Luigi Tarallo (Italy)

A-0030 - Pediatric toe to hand transfer. An assessment of outcomes and a systematic literature review.

Dariusz Nikkha, Niall Martin, Mark Pickford (UK)

14:00-14:30

S10 FREE PAPERS VIDEO FLASH: WRIST.....Amphi Bleu

Moderators: Michel LEVADOUX (Toulon, FRANCE), Leszek ROMANOWSKI (POLAND)

A-0378 - A specific long-term absorbable suture avoiding knots complications in peripheral triangular fibrocartilage complex tears: A technical report. Eduvigis Aranda-Izquierdo, Alejandro Ortiz-Espada, Juan Gonzalez del Pino (Spain)

A-0789 - Corrective osteotomy of the forearm using 3D planning and patient specific instrumentation. Frederik Verstreken (Belgium)

A-0776 - Percutaneous Transtrapezial Fixation of Scaphoid Fractures. Frederik Verstreken, Ghislain Geurts, Roger van Riet, Geert Meermans (Belgium)

A-0564 - Reverse Wafer Osteotomy. Dan Armstrong, Carlos Heras-Palou (UK)

A-0580 - Arthroscopic resection of a dorsal scaphoid chondral beak. Gilles Cohen, Philippe Roure, Christian Couturier, Didier Fontès (France)

A-0179 - Three-dimensional corrective osteotomy for cubitus varus deformity using a patient matched instrument based on computer simulation. Tsuyoshi Murase (Japan)

A-0802 - Clinical diagnosis of DRUJ instability: radio-ulnar ballotment with the wrist in radial and in ulnar deviation.

Dan Armstrong, Carlos Heras-Palou (UK)

14:00-15:00

E11 EFSHT WORKSHOP WORKSHOP ELECTROTHERAPY TREATMENTRoom 223M

Presenters: Dominique THOMAS (Grenoble, FRANCE), Davide ZANIN (Turin, ITALY)

E05 EFSHT CHRONIC POLYARTHRITIS SESSIONRoom 252AB

> Surgery of the wrist and the hand in rheumatoid arthritis at the time of biologic therapies. Michel MERLE (Luxembourg, LUXEMBOURG)

> The role of the hand therapist in conservative management of the rheumatoid hand. Nicola GOLDSMITH (London, UNITED KINGDOM)

> Discussion.

E08 EFSHT TENDON SESSION.....Room 253

> Echographic Follow up of flexor tendons. Jean-Claude ROUZAUD (Montpellier, FRANCE)

> The Manchester Short Splint - a change to splinting practice in the rehabilitation of digital flexor tendon repairs.

Fiona PECK (Cheshire, UNITED KINGDOM)

> EFSHT-A0016-Patient-reported functional level does not correlate to the objective assessments after tendon injuries of hand.

Zeynep Tuna, Songül Bağlan, Deran Oskay, Serhan Tuncer - Turkey

> EFSHT-A0053-Can a consistently applied therapeutic regimen enable good functional outcomes and low rupture rate in zone II flexor tendon repairs despite variations in surgical technique? A. Bell, M. Joseph, M. Newton, S. Rannan-Eliya, H. Smith, S. Sollars - UK

> EFSHT-A0015- Mallet finger and therapeutic education: the essential. A. Bodin, L. Noel, MC. Blancher, S. Facca, Ph. Liverneaux - France

14:30-15:00

S11-3 LECTURE STATE OF HAND SURGERY IN 2014Amphi Bleu

Moderator: Pierre RABISCHONG (Montpellier, FRANCE)

Presenters: Alain GILBERT (Paris, FRANCE), Pier Luigi RAIMONDI (Legnano (Milano), ITALY)

S09bis FREE PAPERS WRIST ARTHROSCOPYRoom 242A

Moderators: Yukio ABE (Shimonoseki, JAPAN), Amy LADD (Redwood City, UNITED STATES OF AMERICA)

A-0098 - Chondroplasty under risk during Radiofrequency Probe Application in wrist Arthroscopy.

Michaela Huber, Christoph Eder, Ulrich Schaechinger, Richard Kujat, Michael Nerlich, Sebastian Gehmert (Germany)

A-0553 - Arthroscopic excision of wrist ganglions: difference between the trans-cystic portal and the cyst-sparing portal technique.

Chin-Hsien Wu, Yuan-Kun Tu (Taiwan)

A-0450 - Transfour portal, A New Approach at Wrist Arthroscopy; Cadaveric study and Technique. Reza Shahriar Kamrani, Hossein Saremi (Iran)

A-0475 - Minimally invasive surgery of distal radius fractures combining a volar plate fixation through a 15mm approach and a wrist arthroscopy: about 20 cases. Ahmed Zemirline, Chihab Taleb, Sybille Facca, Philippe Liverneaux (France)

15:00-15:30 COFFEE BREAK AND VISIT OF THE EXHIBITION AREA

15:30-16:00

S16-1 LECTURE EVOLUTION OF FUNCTIONAL SURGERY FOR THE UPPER LIMB IN TETRAPLEGIA. 40 YEARS OF EXPERIENCE.

Moderator: Carina REINHOLDT (Mölnal)

Presenter: Yves ALLIEU (Montpellier, FRANCE)Amphi Bleu

S13-2 FREE PAPERS FLAPSRoom 241

Moderators: Francisco ANDRADE (Santiago, CHILE), S. FACCA (Illkirch, FRANCE)

A-0299 - Latissimus dorsi transplantation to the patients with Volkman's ischemic contracture of the hand.

Serhii Strafun, Igor Kurinnyi, Alex Dolgoplov (Ukraine)

A-0661 - Outcome of 70 fingertip amputation injuries with the semi occlusive dressing. Martino Meoli, Dominik Hoigné, Jörg Grünert (Switzerland)

15:30-16:30

S44-2 SYMPOSIUM DISTAL RADIUS MALUNION DIAGNOSIS AND TREATMENTRoom 242A

Moderators: Jesse Bernard JUPITER (Massachusetts, UNITED STATES OF AMERICA), Jean-Luc ROUX (Montpellier, FRANCE)

- > Introduction. *Jesse Bernard JUPITER (Massachusetts, UNITED STATES OF AMERICA)*
- > Pathomechanics of distal radius malunion. *Marc GARCIA ELIAS (Barcelona, SPAIN)*
- > Results of conventional osteotomies. *Karl-Josef PROMMERSBERGER (Bad Neustadt, GERMANY)*
- > 3-D planned and guide-assisted osteotomy of extraarticular malunion. *Frederik VERSTREKEN (Antwerp, BELGIUM)*
- > Rational for 3D planning of osteotomies. *T. MURASE (JAPAN), Y. MIYAKE (JAPAN)*
- > How to fill the bone defect after osteotomy? *Jean-Luc ROUX (Montpellier, FRANCE)*
- > Arthroscopically assisted osteotomy of intraarticular radius malunion. *Francisco DEL PINAL (Santander, SPAIN)*
- > Discussion - Closing remarks. *Jesse Bernard JUPITER (Massachusetts, UNITED STATES OF AMERICA)*

15:30-17:00

S17 INSTRUCTIONAL COURSE ARTICULAR INJURY OF THE WRIST - PART 3.....Amphi Maillot

Moderator: Marc GARCIA ELIAS (Barcelona, SPAIN)

- > Perilunate dislocations and fracture-dislocations. *Thomas KREMER (Ludwigshafen, GERMANY)*
- > Scapho-capitate fracture-dislocation. *Emmanuel APERGIS (GREECE)*
- > Carpal fracture-dislocations, other than perilunate. *Angel FERRERES (Barcelona, SPAIN)*
- > Radiocarpal fracture-dislocations. *Christian DUMONTIER (Baie-Mahault, FRANCE)*
- > Galleazzi's fracture-dislocations. *Anastasios V. KOROMPILIAS (Ioannina, GREECE)*
- > Discussion "Carpal Dislocations".

S20 CLINICAL CORNER THE PAINFULL PIP JOINTRoom 242B

Moderator: Daniel HERREN, Stephan F. SCHINDELE (Zürich, SWITZERLAND)

15:30-17:15

E09 EFSHT ANATOMY AND PHYSIOLOGY SESSION.....Room 253

- > Anatomy tendon. *Jean Claude GUIMBERTEAU (Pessac, FRANCE)*
- > New functional approaches to the muscular - aponeurotic complex of flexor digitorum: anatomical basic knowledge.

Jean-Claude ROUZAUD (Montpellier, FRANCE)

- > Anatomical study of the brachial-palmar myofascia chains. *Michel BOUTAN (St Paul Les Dax, FRANCE)*

15:30-17:30

E-11bis EFSHT HAND THERAPY CERTIFICATION - HOW TO PREPARE YOUR ECHT PORTFOLIO MEMBERS OF EFSHT EDUCATION COMMITTEE.....Room 223M

R. Bhopal R., N. Burr, S. Ewald, A. Harth, G. van Veldhoven, A. Videler

E06 EFSHT THE CMC OSTEOARTHRITIS SESSIONRoom 252AB

- > Anatomy and Physiology. *Erlé WELTZER (Pessac, FRANCE)*
- > What treatment according to the stage. *Bruno CESARI (Angers - Trelaze, FRANCE)*
- > Focus on surgical Techniques. *Philippe BELLEMER (Nantes, FRANCE)*
- > Protocol of stabilization of the CMC. *Rosario BALADRON (Bayonne, FRANCE)*
- > Conservative therapeutic management of the osteoarthritis carpometacarpal joint. *Jeanine BEASLEY (UNITED STATES OF AMERICA)*
- > The role of the joint protection in the conservative treatment of the CMC osteoarthritis. *Davide ZANIN (Turin, ITALY)*
- > CMC osteoarthritis, therapist management night and day. *Dominique THOMAS (Grenoble, FRANCE)*
- > EFSHT-A-0045-Outcome after pyrocarbon hemi-arthroplasties of the CMC I joint, how evaluating the course after surgery can help both therapists and patients. *A. Goos, S. Janse, G. Westdorp, H.P. van Not, T. Schreuders-(The Netherlands)*

16:00-17:00

S16-2 SYMPOSIUM FAILURES AND EXPERIENCE BASED CHANGES IN PRACTICE.....Amphi Bleu

Moderators: Igor GOLUBEV (Moscow, RUSSIA), Michel MERLE (Luxembourg, LUXEMBOURG)

- > From CMC fusion to CMC arthroplasty. *Pier Luigi RAIMONDI (Legnano (Milano), ITALY)*
- > TOS: From Dirst rib resection to Middle scalenectomy and clavi-pectoral debridement. *Michel MERLE (Luxembourg, LUXEMBOURG)*
- > CMC arthritis of the thumb: from total arthroplasty to single trapezectomy. *Alain GILBERT (Paris, FRANCE)*
- > Why so often discrepancy between publication and praxis. *Gontran SENNWALD (Bern 25, SWITZERLAND)*

> Changes in hand surgery practice. Why? When? How? *Igor GOLUBEV (Moscow, RUSSIA)*

> Traitement de rhumatois swan neck deformities. *Alberto LLUCH (Barcelona, SPAIN)*

> Scaphoid proximal pole non-union. *H BURGER (AUSTRIA)*

S18 FREE PAPERS WRIST ARTHROPLASTY.....Room 241

Moderators: Michel BOECKSTYNS (Virum, DENMARK), Philippe LIVERNEAUX (Illkirch Graffenstaden, FRANCE)

A-0814 - The Use of A Resurfacing Capitate Pyrocarbon Implant In Chronic Wrist Disorders.

Augusto Marcuzzi, Hakan Ozben, Antonia Russomando (Italy)

A-0447 - functional and radiological outcomes of a single-center series of 17 wrist prostheses.

Jérémie Chevallier, François Dap, Gilles Dautel (France)

A-0077 - Periprosthetic osteolysis after total wrist arthroplasty: incidence, evolution and histopathology.

Michel E.H. Boeckstyns, Guillaume Herzberg, Anders Toxværd, Manjula Bansal (Denmark)

A-0573 - Prosthetic replacement of the wrist. *S. Pfanner, M. Ceruso (Italy)*

A-0154 - Good clinical results with an uncemented screw-fixed MoM wrist arthroplasty in 61 predominantly non-inflammatory patients after 5.4 (2.9-7.8) years. *Ole Reigstad, Teresa Lütken, Trygve Holm-Glad, Bjørn Bolstad, Rasmus Thorkildsen, Christian Grimsgaard, Magne Rakkum (Norway)*

A-0270 - New approach in case of global wrist posttraumatic osteoarthritis. Use of a pyrocarbon interposition (Amandys®): Preliminary series of 11 patients. *Jérôme Pierrat, Pierre Bourgade, Emmanuel Masméjean (France)*

A-0319 - Mid-term results of STPI pyrocarbon implant in management of isolated STT arthritis.

Aurélien Iñiesta, Denis Corcella, André Gay, François Moutet, Régis Legré (France)

16:30-17:00

S19-2 FREE PAPERS BASIC SCIENCE 2.....Room 242A

Moderators: Zoe DAILIANA (Larissa, GREECE), Erik WALBEEHM (Ga Nijmegen, NETHERLANDS)

A-0484 - Immunomodulation with Adipose and Bone Marrow Derived Mesenchymal Stem Cells in Vascularized Composite Allotransplantation. *Jan Plock, Jonas Schneider, Wensheng Zhang, Wakako Tsuji, Nataliya Kostereva, Paolo Fanzio, Sudheer Ravuri, Maurizio Calcagni, Mario Solari, Kacey Marra, Vijay Gorantla (Switzerland)*

A-0351 - The Effect of rhBMP-2 and VEGF in a Vascularized Bone Allotransplant Experimental Model Based on Surgical Neogenesis. *Tiago Mattar, Patricia F. Friedrich, Allen T. Bishop (Brazil)*

A-0116 - Effects of manual traction on movement of the radiocarpal and midcarpal joints.

Kaoru Tada, Hiroki Kawashima, Kakeru Horie, Syunro Okamoto, Ai Hachinota, Seiji Nishimura, Shigeru Sanada, Hiroyuki Tsuchiya (Japan)

17:00-18:00

FM FESSH DELEGATES MEETING.....Room 242A

DETAILED PROGRAMME

Friday, 20 June 2014

08:00-08:30

S21-1 LECTURE ROBOTIC MICROSURGERY.....Amphi Bleu

Moderator: Peter C. AMADIO (Rochester, UNITED STATES OF AMERICA)

Presenter: Philippe LIVERNEAUX (Illkirch Graffenstaden, FRANCE)

08:00-09:00

S23-1 FREE PAPERS FINGER TRAUMA.....Room 241

Moderators: Andreas EISENSCHENK (Berlin, GERMANY), Steven HOVIUS (Rotterdam, NETHERLANDS)

A-0258 - Unstable Metacarpal Fractures Treated with Intramedullary Nail Fixation.

Ather Mirza, Justin Mirza, Brian Lee, Patricia Meyer, Shawn Adhya (USA)

A-0473 - Conservative treatment or bouquet pinning of acute small finger metacarpal neck fractures. A multicentre, noninferiority, randomised controlled trial of 85 patients.

Ida Neergård Sletten, Johan Castberg Hellund, Borge Olsen, Ståle Clementsen, Hebe Desiree Kvermma, Lars Nordsletten (Norway)

A-0247 - Treatment of ulnar lay carpometacarpal periaricular fracture dislocation with temporary plate fixation bridging over carpometacarpal joint. Michio Okamoto, Jiro Namba, Koji Yamamoto (Japan)

A-0350 - Surgical treatment of finger proximal interphalangeal joint fracture-dislocation with dynamic external fixation.

Hiroaki Ueba, Hideyuki Sasaki, Kazuki Mitsuru, Ryozo Kogawa, Yoshinori Takemura, Narihito Kodama, Yoshitaka Matsusue (Japan)

A-0727 - The use of a prospective hand fracture database for monitoring patient outcomes from Max-fix external fixation of proximal phalanx fractures. Devvrat Katechia, Adam Farrier, Suzanne Thomson, Angela Sollars, Megan Newton, Susan Stevenson, Anna Barnard, Sahan Rannan-Eliya (UK)

A-0467 - Arthroscopic reduction and internal percutaneous screw fixation of Bennett fracture: 7 cases.

Ahmed Zemirline, Frédéric Lebailly, Chihab Taleb, Sybille Facca, Philippe Liverneaux (France)

A-855 - Surgical stabilization for thumb base hyperlaxity; an overview of three techniques and randomized comparison of the dorsal and volar approach. K.R. Spekreijse, T.M. Moajen, G.M. Vermeulen, H.P. Slijper, S.E.R. Hovius, R.W. Selles, R. Feitz (The Netherlands)

S24-1 SYMPOSIUM NERVE CONDUITS.....Room 242A

Moderators: Jefferson BRAGA SILVA (Porto Alegre, BRAZIL), David WARWICK (Southampton, UNITED KINGDOM)

> Introduction to Conduits - unmet need, history, biology. David WARWICK (Southampton, UNITED KINGDOM)

> Autograft vein and muscle conduits. Bruno BATTISTON (Torino, ITALY)

> Enhancement of Conduits. Esther VÖGELIN (Bern, SWITZERLAND)

> Commercially available materials for conduits. Jefferson BRAGA SILVA (Porto Alegre, BRAZIL)

> Conduits instead of primary neurorrhaphy. Michel BOECKSTYNS (Virum, DENMARK)

> Allograft Conduits. Esther VÖGELIN (Bern, SWITZERLAND)

08:00-09:30

S25-1 FREE PAPERS ELBOW & SHOULDER.....Room 242B

Moderators: Pierre DESMOINEAUX (Le Chesnay Cedex, FRANCE), Fernando CRUZ (Paço De Arcos, PORTUGAL)

A-0092 - Plate osteosynthesis versus intramedullary nailing for both forearm bones fractures.

Sang Ki Lee, Youn Moo Heo (South Korea)

A-0520 - LCP fixation, iliac bone grafting and autologous platelet concentrate in the management of ulna non-unions.

Roberto Adani, Luigi Tarallo, Fabio Cattani (Italy)

A-0651 - Surgical correction of diaphyseal malunion of both bones of the forearm, using preoperative 3D planning and patient specific surgical guides and implants. Bianca Impelmans, Jan Vermeire, Frederik Verstreken (Netherlands)

A-0331 - Tension band wiring for medial & lateral columns in open reduction & internal fixation of supra-condylar distal humeral fractures in adults. Muhammad Quolquela (Egypt)

A-0349 - Shaft fractures of both forearm bone: The outcomes of surgical treatment with the platings and combined a plating and intramedullary nailing. Youn-Moo Heo, Chul-Hyung Lee (South Korea)

A-0356 - Mal-rotation after upper limb long bone fracture and its treatment.

Kazo Shimada, Ko Temporin, Akiko Tominaga, Kunihiro Oka, Tsuyoshi Murase (Japan)

A-0135 - Posterior interosseous artery distal radius graft for ulnar nonunion treatment.

Alessia Pagnotta, Elena Taglieri, Iakov Molayem, Raffaele Sadun (Italy)

A-0539 - Reverse Wedge Osteotomy (RWO) of the distal radius in Madelung's deformity: about 12 cases.

Florence Mallard, Bruno Cesari, Guy Raimbeau, Fabrice Rabarin, Jérôme Jeudy, Nicolas Bigorre, Pierre-Alain Fouque, Yann Saint-Cast (France)

A-0120 - The choice of donor area for reconstruction of elbow flexion in patients with amyoplasia.

Olga Agranovich, Alexey Baidurashvili, Svetlana Timofimova, Olga Yanakova (Russia)

08:00-10:00

S22 FREE PAPERS DISTAL RADIUS FRACTURE.....Amphi Maillot

Moderators: Elisabet HAGERT (Stockholm, SWEDEN), Jesse Bernard JUPITER (Massachusetts, UNITED STATES OF AMERICA)

A-0262 - Complex Intra-articular Distal Radius Fractures Treated with Cross-Pin Fixation and a Non-Bridging External Fixator (CPX System). Ather Mirza, Shawn Adhya, Brian K Lee, Daniel J Lorenzana (USA)

A-0688 - A volar plating beyond the watershed line can it be an advantage in complex articular fracture ?

Ergys Gjika, Jan van Aaken, Alexander de Smet, Marie Loret, Philippe Vostrel, Jean-Yves Beaulieu (Switzerland)

A-0215 - Acceptable Parameters for Alignment of Distal Radius Fracture with Conservative Treatment in Elderly Patients.

Yoshinori Takemura, Hiroaki Ueba, Narihito Kodama, Yoshitaka Matsusue (Japan)

A-0429 - A Clinical Decision Rule for the Use of Radiography in Acute Wrist Injury: Development and External Validation of the Amsterdam Wrist Rules. Monique M.J. Walenkamp, Abdelali Bentohami, Ewout W. Steyerberg, Annelie Slaar, M. Suzan, H. Beerekamp, Mario Maas, J. Carel Goslings, Niels W.L. Schep (Netherlands)

A-0638 - Clinical Results of surgical treatment of distal radius fractures: a clinical study with minimally invasive percutaneous osteosynthesis. Marcio Aita, Douglas Hideki Ikeuti, Rodrigo Toledo Mota, Guilherme Bonadia Bueno de Moraes, Marcos Vinicius Credidio, Eduardo Fernandes da Costa, Fernando Luvizotto Carvalho (Brazil)

A-0659 - Volar plating of distal radius fractures (AO:B3,C1,C2,C3). Multivariant analysis. 4 to 10 years follow-up.

Ioannis Antoniou, Zoe Dailiana, Athanasios Drakos, Vasileios Kontogeorgakos, Konstantinos Malizos, Socratis Varitimidis (Greece)

A-0690 - The strength of the distal radius after bone grafting. Could the use of bone substitute prevent fractures in radii with 10x10mm defect of the volar cortex? A Biomechanical study. E. J. M. van Heeswijk, E. R. Langdale, A. Beumer, S. M. Belkoff (Netherlands)

A-0837 - Distal Radius and Distal Metaphyseal Ulna Fracture in Patients Older Than 65 years-old. Comparative Study between Internal Fixation of the Ulna and Darrach's Procedure. Jorge G. Boretta, Gerardo L. Gallucci, Agustín Donnordorf, Verónica Alfie, Pablo De Carli (Argentina)

A-0034 - Standardised technique for palmar plating of dorsally displaced distal radius fractures.

Steffen Löw, Dirk Herold, Christoph Eingartner (Germany)

A-0121 - Treatment of highly comminuted distal radius fractures with temporary distraction plate: case reviews.

Cindy Bouvet, Alexander De Smet, Philippe Vostrel, Marie Loret, Jean-Yves Beaulieu (Switzerland)

A-0093 - Complications following palmar plate fixation of distal radius fractures: a review of 434 cases. Juitien Shih (Taiwan)

A-0452 - Prevention of distal radius fractures after falls in the elderly: costs of health care.

Martin Leixnering, Christoph Pezzei, Josef Jurkowsch, Thomas Beer, Stefan Quadlbauer (Austria)

A-0593 - An Aggressive Plating Strategy Is Effective With A Low Complication- Rate But Is Not Cost- effective in a Health Distract in Norway. Konrad Mader, Simone Mader, Navid Beigi (Norway)

08:30-09:00

S21-2 DEBATE WHAT WILL BE THE FUTURE SUCCESSFUL STRATEGY FOLLOWING LIMB AMPUTATION? TRANSPLANTATION OR PROSTHESIS.....Amphi Bleu

Moderator: Colin DE CHEVEIGNÉ (Saint-Jean, FRANCE)

Presenters: Oskar C. ASZMANN (Vienna, AUSTRIA), Aram GAZARIAN (Lyon, FRANCE)

09:00-09:40

E17 EFSHT SHOULDER SESSION.....Room 253

EFSHT-A-0013-3 C Concept: New techniques for the rehabilitation of the shoulder in the rotator cuff pathology.

Thierry Stévenot, Martin Stévenot, Martin Lhuair, Grégoire Mitonneau, Claude Avisse (France)

EFSHT-A0049-Effectiveness of shoulder manual therapy for the recovery of joint mobility and functional capacity.

Thierry Marc, Claire Morana (France)

EFSHT-A0067-Correlation of shoulder flexibility and training procedure in adolescent diving-athletes, pilot study.

Georgia Petta, Giannis Gaviilidis, Loukas Stoikos, Palina Karakasidou, Michael Seferiadis (Greece)

EFSHT-A-0065-Short term effects of stretching exercises in frozen shoulder patients.

I. Duzgun, E. Camci, B. Elbosan, D. Oskay, OA. Atay (Turkey)

09:00-10:00

S21-3bis FREE PAPERS NERVE REPAIR.....Amphi Bleu

Moderators: Ana PINTO, Arnold Peter WEISS, M.D. (Providence, Ri, UNITED STATES OF AMERICA)

A-0439 - A Novel Flexible Elastomer Conduit for Peripheral Nerve Regeneration. Josephine Wing-Yuk Ip, Yannis Wai-Man Choy (Hong Kong)

A-0740 - Epineural Sheath Jacket as a New Surgical Technique for Neuroma Prevention in the Rat Sciatic Nerve Model.

Bobkiewicz Adam, Uygur Safak, Kwiecien Grzegorz, Madajka Maria, Siemionow Maria (USA)

A-0662 - Comparison of nerve defect reconstructions committed by placing vascular endothelial growth factor (VEGF) or mesenchymal stem cells into the vein graft lumen in conjunction with nerve fragments. Fikret Eren, Sinan Öksüz, Zafer Küçükodacı, Mustafa Tansel Kendirli, Ceyhan Cesur, Emine Alarçin, Ezgi Bektas, Hüseyin Karagöz, Oya Sipahigil Kerimoglu, Gamze Torun Köse, Ersin Ülkür (Turkey)

A-0533 - Carbon nanotubes and neural regeneration: A preliminary in vitro research. A. Messina, S. Raimondo, A. Mangione, L. Basiricà, S. Geuna (Italy)

A-0625 - In vivo evaluation of porcine small intestine submucosa based extracellular matrix nerve connector as an alternative to reconstituted collagen tube or direct suture repair in a sciatic nerve model.

Jennifer Faleris, Curt Deister, Florence Beck, Mark Freidman, Crystal Simon, Erick DeVinney (USA)

A-0419 - Side-to-Side Repair in Peripheral Nerve Surgery Histomorphometric results.

Henrikki Rönkkö, Harry Göransson, Hanna-Stiina Taskinen, Pasi Paavilainen, Matias Ryyttä (Finland)

A-0603 - Outcomes from the Expanded Enrollment and Additions of Contemporary Controls for a Multicenter Registry Study Utilizing Processed Nerve Allografts. *Bauback Safa, Wesley Thayer, Mitchell Pet, Jason Ko, Renata V. Weber, John Ingari, Brian Rinker, Mickey Cho, Dmitry Tuder, Jozef Zoldos, Jeffrey Greenberg, Gregory M. Buncke (USA)*

S24-2 SYMPOSIUM NERVE TRANSFER.....Room 242A

Moderators: Jayme BERTELLI (BRAZIL), Jean-Noel GOUBIER (Paris, FRANCE)

- > Nerve transfers in radial nerve lesions. *A. LOPEZ (SPAIN)*
- > Nerve transfers in ulnar nerve lesions. *Bruno BATTISTON (Torino, ITALY)*
- > Nerve transfers in tetraplegia for upper limb reconstruction. *Joyme BERTELLI (BRAZIL)*
- > Nerve transfers in musculocutaneous nerve lesions. *Jean-Noel GOUBIER (Paris, FRANCE)*
- > Nerve transfers for shoulder reconstruction. *Michel CHAMMAS (Montpellier, FRANCE)*
- > Nerve transfers in children. *Taher EL GAMMAL (EGYPT)*

S23-3 FREE PAPERS OUTCOME MEASUREMENTRoom 241

Moderators: Grey GIDDINS (Bath, UNITED KINGDOM), Gursel LEBLEBIOGLU (Ankara, TURKEY)

A-0193 - The Impact of Psychological Factors on Pain Persistence in Hand Surgery Patients.

Niklaus Egloff, Barbara Wegmann, Bettina Personeni Juon, Stefanie Stauber, Roland von Känel, Esther Vögelin (Switzerland)

A-0668 - Does the personality of the surgeon influence the level of pain of the patient. *Beáta Bajdik, Adrienn Orosz, Zsolt Szabó (Hungary)*

A-0493 - Hand Dominance A Myth ?- Grip And Pincer Strength Analysis A North Wales Population Based Study.

Vishal Paringe, Huw Williams, Amy Coxon, Ahmed Humayun Mirza (UK)

A-0082 - How to Evaluate Wrist Conditions: A Critical Evaluation of the QuickDASH, PRWE and MHQ in Terms of Validity, Reliability and Responsiveness after TWA. *Michel E.H. Boeckstyns, Søren Merser (Denmark)*

A-0701 - REACH OUT: Early validation results of a new ICF based, pan-specialty, hand and upper limb function questionnaire for children. *Riffat Aslam, Taunton Southwood, Janine Hackett, Andrea Jester (UK)*

A-0188 - Reliability and Construct Validity of the 6-item CTS symptoms scale for outcomes assessment in Carpal Tunnel Syndrome. *Roberto S Rosales, Yolanda Martin-Hidalgo, Luis Reboso-Morales, Isam Atroschi (Spain)*

A-0546 - Assessment of quality of pre- and postoperative information documents concerning carpal tunnel syndrome.

Sybilie Facca, Emeric Robert, Stéphanie Gouzou, Philippe Clavert, Philippe Liverneaux (France)

A-0412 - Correlation between Patient-rated Wrist and Hand Evaluation Questionnaire (PRWHE) and Rosen-Lundborg score for nerve repair in the hand. *Marisa C R Fonseca, Joy MacDermid, Emily Lanone (Brazil)*

09:00-10:30

E22 EFSHT WORKSHOP ORTHOSIS.....Room 223M

The registration must be done Thursday 19 June on Orfit booth

E13 EFSHT PAIN AND CRPS SESSIONRoom 252AB

- > CRPS with partial hypoaesthetic skin and/or with static mechanical allodynia. *Claude SPICHER (SWITZERLAND), Tara PACKHAM (CANADA)*
- > Neuropathic pain : spontaneous and/or touch-evoked pain. *Claude SPICHER (SWITZERLAND), Tara PACKHAM (CANADA)*
- > CRPS Type1: a challenge to the patient,a challenge to the therapist. *Turid AASHEIM (Trondheim, NORWAY)*
- > What is the role of the mirror therapy in the hand rehabilitation, an overview of the actual literatur.

Nicole GRUENERT-PLUESS (St. Gallen, SWITZERLAND)

> Pilot project : more objectif view of reflexe massage and CRPS. *Nadège LAUNAY (Caen, FRANCE)*

> EFSHT-A0044-A clinical model with the aim to reduce the incidence of Complex Regional Pain Syndrome type I after hand injury or hand operation. *Turid Aasheim, Ann Katrin Wøje, Ingrid Solhjøm (Norway)*

09:30-10:00

S25-2 FREE PAPERS ELBOW & SHOULDER.....Room 242B

Moderators: Alexandre KILINC (Paris, FRANCE), Jacky LAULAN (Tours Cedex, FRANCE)

A-0033 - Functional outcome of arthroscopic synovial radial head plica resection in resistant tennis elbow-study of 453 patients. *Aysha Rajeev, Faizan Jabbar, Joseph Pooley (UK)*

A-0122 - Elbow debridement arthroplasty using a novel four-dimensional pre-operative simulation system.

Michiro Yamamoto, Yukimi Murakami, Shigeru Kurimoto, Katsuyuki Iwatsuki, Tetsuya Arai, Hideyuki Mizushima, Hitoshi Hirata (Japan)

A-0241 - Medium-Term Results of Unlimked Elbow Arthroplasty for Stiff Elbows with Rheumatoid Arthritis.

Shosuke Akita, Hideki Tsuboi, Makoto Hirao, Jun Hashimoto, Jiro Namba (Japan)

09:40-10:10

E18 EFSHT RADIUS FRACTURE SESSIONRoom 253

EFSHT-A0055-Alterations in three-dimensional scapular kinematics in patients with distal radius fracture: a descriptive analysis. *Cigdem Ayhan, Elif Camci, Yavuz Yakut, Gul Baltaci (Turkey)*

EFSHT-A0073-A retrospective review of outcomes for patients participating in a distal radius fracture rehabilitation pathway.

Joelle Chalmer (UK)

EFSHT-A0014-Evaluation of a therapeutic patient education after volar plating of distal radius fracture.

M. Schwebel, L. Noel, S. Randriatsoaray, A. Bodin, P. Liverneaux, S. Facca (France)

10:00-10:30 COFFEE BREAK AND VISIT OF THE EXHIBITION AREA

10:10-10:30

E19-1 EFSHT GENERAL TOPICS SESSIONRoom 253

EFSHT-A0001-Optimized food packaging makes life easier for patients with hand disorders.

Stefanie Hensler, Miriam Marks, Daniel Herren (Switzerland)

EFSHT-A0052-Self-mobilization of the nervous system in seated position for nervous entrapments of the upper limb.

Frédéric DEGEZ, Florence Bouillot, Yann Saint-Cast, Guy Raimbeau (France)

10:30-11:30

S23-4 FREE PAPERS OUTCOME MEASUREMENTRoom 241

Moderators: Thierry DUBERT (Paris, FRANCE), R GIUNTA (GERMANY)

A-0680 - 4 Dimensional assessment of hand disability. *Robert Pearl, Harry Belcher (UK)*

A-0610 - A Comparison of the Patient Evaluation Measure, DASH and Quick-DASH Questionnaires. *Jonathan Hobby, Clare Langley (UK)*

A-0230 - Use of Action Camera in Hand Surgery, a new useful tool.

Álvaro Toro-Aguilera, Pablo Martínez-Galarza, Borja Suárez-Fernandez, Eudald Bakcells-Díaz (Spain)

A-0743 - 3D Kinematic Analysis of Upper Extremity Function in Children. *Werner Girsch, Christoph Karner, Bernhard Attwenger, Andreas Kranzl (Austria)*

A-0386 - Improvement in self-rated activities in tetraplegic patients after grip reconstruction.

Manuel Méndez, Marcia Carrasco, Cristina Rigo-Rigui, Sebastian Gallegos, Elias Concha, Juan Manuel Breyer (Chile)

A-0292 - Movement analysis of the upper limb. *Jörg Bahm, Catherine Disselhorst-Klug (Germany)*

A-0664 - Objective measurement of hand fine motor skills after wrist arthroscopy.

Elias Volkmer, Katharina Pippich, Christine Sophie Hagen, Kathrin Allgöwer, Joachim Hermsdörfer, Riccardo Giunta (Germany)

A-0395 - Range of Motion of Thumb Metacarpophalangeal Joint: Is it within normal limit?

Tatsuki Ebata, Susumu Tokunaga, Yoshihiro Abe (Japan)

S45-2 SYMPOSIUM TOP 10 DOWNLOADED ARTICLES IN JHS IN 2013Room 242A

Moderators: Christian FONTAINE (Lille, FRANCE), Marco Jpf RITT (Amsterdam, NETHERLANDS)

> Complex Regional Pain Syndrome: a review. *Jeremy FIELD (Cheltenham, UNITED KINGDOM)*

> Free iliac flap for treating multiple skin defects of the hand and digits. *Zh PAN*

> Editorial: I have a dream ... reflex sympathetic dystrophy (RSD or Complex Regional Pain Syndrome - CRPS I) does not exist.

Francisco DEL PINAL (Santander, SPAIN)

> Which Questionnaire is best? The reliability, validity and ease of use of the patient evaluation measure, the DASH and Michigan hand outcome measure. *Joseph J. DIAS (Leicester, UNITED KINGDOM)*

> Ulnar ray deficiency: a review of the classification systems, the clinical features in 72 cases, and related developmental biology. *Mohammad M AL-QATTAN*

> The long-term follow-up of treatment with corticosteroid injections in patients with carpal tunnel syndrome. When are multiple injections indicated? *M BERGER*

> A study of functional outcomes following implantations of a total distal radioulnar joint prosthesis. *Luis A. LAURENTIN PEREZ (Wesley Chapel, UNITED STATES OF AMERICA)*

> Madelung's deformity: radial opening wedge osteotomy and modified Darrach procedure using the ulnar head as trapezoidal bone graft. *R KAMPA*

> The effect of elbow position on the range of supination and pronation of the forearm. *H. SHAABAN*

> Grip Strength and Forearm Circumference in a Healthy Population. *R.e. ANAKWE*

> Elbow flexion restoration using pedicled latissimus dorsi transfer in seven cases. *Adeline CAMBON-BINDER (Paris, FRANCE)*

S30-1 FREE PAPERS ELBOW & SHOULDER.....Room 252AB

Moderators: A. MEHMET DEMIRTAS, Ahmad Sa ROOHI (Petaling Jaya, MALAYSIA)

A-0327 - Length of medial collateral ligament in elbow osteoarthritis. *Ko Temporin, Akiko Tominaga, Kozo Shimada (Japan)*

A-0298 - Reconstructive surgery of complicated consequences of elbow fractures. *Igor Kurinnyi, Olexander Strafun (Ukraine)*

A-0757 - A Prospective Review of 71 Children with the Diagnosis of Pulled Elbow. *Adnan Sevençan, Ümit Aygün, Ulukan Inan, Hakan Ömeroglu (Turkey)*

A-0829 - the supination contractures in the obstetric brachial plexus paralysis-our experiences with the pronation rotation osteotomies. *Atakan Aydin, Hayri Ömer Berköz, Kivanç Demir, Hasan Utkan Aydin, Türker Özkan, Celal Metin Erer, Safiye Özkan, Zeynep Hosbay Yildirim (Turkey)*

A-0431 - Efficacy of Axillary Nerve Block in Elbow Arthroscopic Surgery: A Randomized Trial.

Takuro Wada, Masanori Yamauchi, Gosuke Ōki, Kosuke Iba, Kohei Kanaya, Michiaki Yamakage (Japan)

A-0803 - Long head of biceps (LHB) tenodesis during arthroscopic rotator cuff tear repair: we need 2 simple technical options.

Guillaume Herzberg, Yadar Izem, Antoine Marc (France)

A-0324 - Minimally Invasive Stabilization of Upper Limb Pathological Fractures with an Intramedullary Polymer.

Steffen Heck, Sascha Gick, Dietmar Pennig (Germany)

A-0282 - Medium to long term Surgical Outcomes for Chronic Radial Head Dislocation in Children.

Takaaki Shinohara, Emiko Horii, Etsuhiro Nakao, Ryogo Nakamura, Hitoshi Hirata (Japan)

10:30-12:30

S21-3 FREE PAPERS SCAPHOID NON-UNION.....Amphi Bleu

Moderators: Jh COERT (Leiden, NETHERLANDS), Martin RICHTER (Bonn, GERMANY)

A-0812 - Treatment of delayed unions and non-union of scaphoid. *D. A. Magdiev (Russia)*

A-0377 - The medial femur condyle flap for treatment of scaphoid non- union with avascular proximal pole.

Stefan M Froschauer, Richard Schnelzer, Manfred Behawy, Manfred Schmidt, Harald Schöffl, Oskar Kwasny, Georg M Huemer (Austria)

A-0406 - Use of a medial femoral epicondyle vascularized bone graft in treatment of scaphoid nonunions accompanied by an avascular necrosis of the proximal pole and carpal collapse.

Igor Golubev, Ruslan Yulov, Maxim Merkulov, Oleg Bushuev, Galina Shiryayeva, Ilya Kutepov, Andrey Maximov, Vladimir Grishin (Russia)

A-0693 - Results of 87 vascularized bone grafts, described by Zaidenberg, in scaphoid nonunion, retrospective study.

Benoit Pedetour, Jérémie Chevrollier, Nicolas Pauchard, Francois Dap, Gilles Dautel (France)

A-0699 - Preliminary experiences with reconstruction of the proximal pole of the scaphoid using a free vascularised osteo-cartilaginous medial femoral trochlea flap. *Karlheinz Kalb, Bärbel Blanasch, Thomas Pillukat, Karl-Josef Prommersberger (Germany)*

A-0382 - Percutaneous, transtrapezial fixation without bone graft leads to consolidation in selected cases of delayed union of the scaphoid waist. *Matthias Vanhees, Roger R.P. van Riet, Frederik Verstreken (Belgium)*

A-0560 - Scaphoid reconstruction in non-union using intraoperative 3D-reduction guides based on CT-Scans.

Matthias Haefeli, Martina Moser, Ralf Schumacher, Philipp Honigmann, Florian Früh, Pietro Giovanoli, Maurizio Calcagni (Switzerland)

A-0223 - Scaphoid nonunion with carpal instability radiological, arthroscopic assessment and clinical results.

Masahiro Tatebe, Kenji Tanaka, Shiro Urata, Takaaki Shinohara, Michiro Yamamoto, Katsuyuki Iwatsuki, Hitoshi Hirata (Japan)

A-0565 - Success Rate of Arthroscopically Assisted Osteosynthesis For Scaphoid Injuries: A Comparison of Isolated Scaphoid Fractures and Nonunions. *Jong-Pil Kim, Joon-Young Yoo (South Korea)*

A-0667 - Arthroscopic Bone Graft for Scaphoid non-union. *Emilien Vernet, Michel Levadoux, Christophe Mathoulin (France)*

A-0705 - Coexisting intraarticular lesions are unrelated to outcomes after arthroscopic management of scaphoid nonunions.

Yun-Rak Choi, Ho-Jung Kang, Il-Hyun Koh, Ji-Sub Kim, Kwang-Min Sang, Young-Chag Park (South Korea)

A-0222 - Percutaneous treatment of scaphoid fractures: comparative evaluation of radiographic parameters and functional outcomes between the operated and the healthy hand. A prospective study. *Maria de los Angeles De la Red Gallego, Manuel-Rubén Sanchez Crespo, Fernando-Javier del Canto Álvarez, Higinio Ayala Gutierrez, Tamara Rodríguez López, Rebeca García Barcenilla, Marta de Prado Tovar, Francisco Jesús Peñas Díaz (Spain)*

A-0143 - Patterns of degenerative changes after scaphoid nonunion: a 3-dimensional quantitative analysis.

Keiichiro Oura, Hisao Moritomo, Atsuo Shigi, Yohei Kawanishi, Shinsuke Omori, Toshiyuki Kataoka, Kunihiko Oka, Tsuyoshi Murase (Japan)

S27 INSTRUCTIONAL COURSE ARTICULAR INJURY OF THE WRIST - PART 4.....Amphi Maillot

Moderator: Marc GARCIA ELIAS (Barcelona, SPAIN)

> Partial tears of the scapholunate ligaments. *Jean Michel COGNET (Reims, FRANCE)*

> Arthroscopy treatment of scapholunate ligament disruptions. *Christophe MATHOULIN (Paris, FRANCE)*

> Open treatment of scapholunate ligament disruptions. *Jonny K ANDERSSON (Gothenburg, SWEDEN)*

> Lunotriquetral dissociation. *Marco Jpf RITT (Amsterdam, NETHERLANDS)*

> Natural History of traumatic TFCC tears. *Magnus TÄGIL (Lund, SWEDEN)*

> Triangular fibrocartilage tears. *Andrea ATZEI (Treviso, ITALY)*

> Role of hand therapy in the treatment of wrist instability. *Dominique THOMAS (Grenoble, FRANCE)*

> Discussion "Ligament injury to the carpus".

11:00-11:20

E19-2 EFSHT GENERAL TOPICS SESSION.....Room 253

EFSHT-A-0012-The Use of Joint Mobilization to Improve Clinical Outcomes in Hand Therapy: A Systematic Review of the Literature. *Deborah A. Schwartz, Rick Heiser, Virginia O'Brien (USA)*

EFSHT-A0051-Stretching as an effective and conservative treatment for trigger finger. *Y Chiba, S Tokunaga, Y Abe, Y Yogi, K Niida (Japan)*

11:00-12:00

E22-2 EFSHT WORKSHOP WORKSHOP ORTHOSIS.....Room 223M

The registration must be done Thursday 19 June on Orfit booth

E14 EFSHT SENSIBILITY SESSION.....Room 252AB

> Sensibility assessment in the hand : state of the art. *Christina JEROSCH-HEROLD (Norwich, UNITED KINGDOM)*

> Static mechanical allodynia. *Claude SPICHER (SWITZERLAND), Tara PACKHAM (CANADA)*

> Sensory re-learning in nerve disorders of the hand. *Christina JEROSCH-HEROLD (Norwich, UNITED KINGDOM)*

> EFSHT-A-0040-Disability and cold hypersensitivity prior to severe hand injuries.

Tone Vaksvik, Magne Rakkum, Jan-Ragnar Haugstvedt, Inger Holm (Norway)

11:20-12:00

E20 EFSHT ORTHOSIS SESSION.....Room 253

> The who, what when where why and how of dynamic digital neoprene splinting. *Vicenç PUNSOLA-IZARD (Barcelona, SPAIN)*

> EFSHT-A0023-Hand-based swing traction splinting for intra-articular proximal interphalangeal joint fractures.

Melissa J Hirth, David J Jacobs, Kate Sleep (Australia)

> EFSHT-A0069-Sensory feedback in hand prostheses: a qualitative study. *Ulrika Wijk, Ingela Carlsson, Birgitta Rosén (Sweden)*

> Discussion.

11:30-12:30

S28 SYMPOSIUM OUTCOME MEASUREMENTS: WHERE DO WE STAND, WHERE SHOULD WE GO?Room 241

Moderators: Maurizio CALCAGNI (Zurich, SWITZERLAND), Daniel HERREN (Zurich, SWITZERLAND)

> Introduction to the subject: only what can be measured can be managed. *Daniel HERREN (Zurich, SWITZERLAND)*

> Outcome measurements for specific disorders: thumb CMC joint. *Miriam MARKS (Zurich, SWITZERLAND)*

> Outcome measurements for specific disorders: wrist. *Joy MACDERMID (Hamilton, CANADA)*

> ICF core sets for the hand. The WHO approach. *Michael COENEN (GERMANY)*

> How to compact data in a global score. *Thierry DUBERT (Paris, FRANCE)*

> Vision of a minimal data set for FESSH. *Maurizio CALCAGNI (Zurich, SWITZERLAND)*

S29 FREE PAPERS DISTAL RADIUS FRACTURE.....Room 242A

Moderators: Jane Christiane MESSINA (Bergamo, ITALY), Jean-Luc ROUX (Montpellier, FRANCE)

A-0064 - Korean-type distal radius anatomical volar plate system: A preliminary report.

Jeong Hwan Kim, Hyuk Jin Lee, Jihyeung Kim, Min Bom Kim, Seung Hwan Rhee, Hyun Sik Gong, Young Ho Lee, Goo Hyun Baek (South Korea)

A-0076 - Volar locking plates: locking screws versus locking smooth pegs in distal fixation. Biomechanical study in cadaveric models. *Muratore Alvaro, Gomez Rodriguez Gustavo, Nazur Gabriel, Arroquy Damian, Chahla Jorge Alberto, Clembosky Gabriel (Argentina)*

A-0461 - Distal radius fixation through a mini-invasive approach of 15mm: a series of 144 cases.

Frédéric Lebaillly, Ahmed Zemirline, Sybille Facca, Stéphanie Gouzou, Philippe Liverneaux (France)

A-0091 - Arthroscopic Reduction and soft tissue management for young adult patients with distal radius fractures. *Juitien Shih (Taiwan)*

A-0081 - Radiologically Assessed Outcomes and Complications of Wrist Fracture Volar Plate fixation at a District General Hospital: What have we learnt. *Steven Ross, Michael Hughes, Danielle Williams, David Smith, Keyur Buch (UK)*

A-0634 - Randomised clinical trial with minimally invasive percutaneous osteosynthesis of distal radius fractures.

Marcio Aita, Carlos Henrique Vieira, Daniel Schneider Ibanez, Rafael Saleme Alves, Douglas Hideki Ikeuti, Rodrigo Toledo Mota, Marcos Vinicius Credidio, Edison Noboru Fujiki (Brazil)

A-0524 - Penetration of Dorsal Cortex by Drill-bit and Downsized Screw Fixation during Volar Locking Plating for unstable Distal Radius Fractures. *Yang-Guk Chung, Min-Wook Joo, Il-Jung Park, Jun-Soo Park, Ho-Jin Gil, Dong-Hyun Kim (South Korea)*

S30-2 SYMPOSIUM ELBOWRoom 242B

Moderators: Massimo CERUSO (Firenze, ITALY), Laurent OBERT (Besancon, FRANCE)

> What's new and what I learnt on total elbow arthroplasty. *Massimo CERUSO (Firenze, ITALY)*

> What's new and what I learnt on Radial Head Implants. *Adams WATTS (UNITED KINGDOM)*

> Total elbow arthroplasty for distal humerus fracture after 65 yo: results and complications. *Pierre MANSAT (Toulouse, FRANCE)*

> How to avoid arthroplasty in young and high demanding patient. *Laurent OBERT (Besancon, FRANCE)*

12:30-13:30

LW7 INDUSTRY SPONSORED LUNCH WORKSHOPAmphi Maillot

1. A NEW APPROACH TO AN OLD PROBLEM. SCAPHOLUNATE AXIS METHOD. CENTRAL TRANSOSSEOUS SL REPAIR.

2. TIGHTROPE SUSPENSION AFTER TRAPEZIULECTOMY. FAST, RELIABLE, EFFECTIVE.

LW8 INDUSTRY SPONSORED LUNCH WORKSHOP.....Room 224M/225M

INTEGRA® FREEDOM TOTAL OR HEMI WRIST PROSTHESIS LAUNCH

LW9 INDUSTRY SPONSORED LUNCH WORKSHOPRoom 242B

CAPFLEX PIP - A REAL SURFACE REPLACEMENT

LW10 INDUSTRY SPONSORED LUNCH WORKSHOPRoom 253

CMC1 TOTAL ARTHROPLASTY 10 YEARS EXPERIENCE

LW11 INDUSTRY SPONSORED LUNCH WORKSHOPRoom 252AB

DISTAL RADIUS OSTEOTOMIES, A NOVEL APPROACH WITH 3D VIRTUAL PLANNING AND GUIDED SURGERY

WL12 INDUSTRY SPONSORED LUNCH WORKSHOPRoom 242A
HAND: INNOVATIVE SOLUTIONS

WL13 INDUSTRY SPONSORED LUNCH WORKSHOPRoom 241
STRENGTHEN YOUR EXPERTISE IN DUPUYTREN'S CONTRACTURE

EGA EWAS GENERAL ASSEMBLYAmphi Bleu

- > Introductory remarks from the Secretary General.
- > Presidential Report. *David J. SLUTSKY (Torrance, UNITED STATES OF AMERICA)*
- > Financial Report and new members. *Jerome GARRET (Lyon, FRANCE)*
- > Internet Report. *Jane Christiane MESSINA (Bergamo, ITALY)*
- > Presentation of the Whipple Prize and EWAS junior grant. *Francisco DEL PINAL (Santander, SPAIN), Jan-Ragnar HAUGSTVEDT (Moss, NORWAY)*
- > Update on meeting and courses and future directions. *Christophe MATHOULIN (Paris, FRANCE)*
- > Election of new Executive committee members. *Francisco DEL PINAL (Santander, SPAIN)*
- > Creation of Advisory Board. *Max HAERLE (Markgröningen, GERMANY)*
- > Presentation of the Journal of Wrist Surgery conditions of agreement and results of the pool. *Francisco DEL PINAL (Santander, SPAIN)*
- > Future location of EWAS. *Max HAERLE (Markgröningen, GERMANY)*
- > Need for a secretary-function within EWAS. *Max HAERLE (Markgröningen, GERMANY), Jan-Ragnar HAUGSTVEDT (Moss, NORWAY)*
- > Decision of membership fee (including subscription of JWS). *Francisco DEL PINAL (Santander, SPAIN)*
- > Next GA.

13:30-14:00

S31-1 VIDEO PRESENTATION DESTINATION TENDONAmphi Bleu
Presenter: Jean Claude GUIMBERTEAU (Pessac, FRANCE)

S33-1 FREE PAPERS SCAPHOID NON-UNIONRoom 241

Moderators: Tufan KALELI (Bursa, TURKEY), Philippe SAFFAR (FRANCE)

- A-0106 - Cancellous bone graft and headless screw fixation for middle one-third scaphoid nonunion. *Soo-Hong Han, Ho-Jae Lee, Uk Kim (South Korea)*
- A-0255 - Union of scaphoid waist fractures assessed by CT scan at 6 weeks. *N O B Thomsen, P Jørgsholm, M Clementson, J Besjakov, A Björkman (Sweden)*
- A-0559 - Comparative Study between Vascularized and Non- Vascularized Bone Grafting in Non-Union of Scaphoid Fracture. *Mohammed Tahir Ansari, Prakash P. Kotwal, Praseon K Shamshery (India)*

13:30-15:00

S32 INSTRUCTIONAL COURSE ARTICULAR INJURY OF THE WRIST - PART 5Amphi Maillot

Moderator: Marc GARCIA ELIAS (Barcelona, SPAIN)

- > Intraarticular fracture of the distal radius. Open surgery. *Karl-Josef PROMMERSBERGER (Bad Neustadt, GERMANY)*
- > Intraarticular fracture of the distal radius. Arthroscopy surgery. *Francisco DEL PINAL (Santander, SPAIN)*
- > Unstable ulnar styloid fracture. *Johan SCHEER (Linköping, SWEDEN)*
- > Complex open fracture-dislocations of the wrist. *Frédéric SCHUIND (Bruxelles, BELGIUM)*
- > Role of hand therapy in the treatment of distal radial fractures. *Raquel CANTERO (Malaga, SPAIN)*
- > Discussion "Treatment of intraarticular fractures of the distal radius.

S34 FREE PAPERS BRACHIAL PLEXUSRoom 242A

Moderators: Yves ALLIEU (Montpellier, FRANCE), Pier Luigi RAIMONDI (Legnano (Milano), ITALY)

- A-0168 - Pre-operative Donor Nerve Electromyography as a Predictor of Nerve Transfer Outcomes. *Joseph J. Schreiber, Joseph H. Feinberg, David J. Byun, Steve K. Lee, Scott W. Wolfe (USA)*
- A-0372 - Nerve Transfers in the Upper limb- The Birmingham Hand Center Experience. *A Mishra, C Miller, S Tan, D Power (UK)*
- A-0639 - Optimal Axon Counts for Brachial Plexus Nerve Transfers. *Joseph J. Schreiber, David J. Byun, Mahmoud M. Khair, Lauren Rosenblatt, Steve K. Lee, Scott W. Wolfe (USA)*
- A-0054 - Is the median nerve transfer to the biceps a viable option for the ulnar nerve transfer in partial brachial plexus injuries? Prospective analysis of 25 consecutive patients with C5-C6 and C5-C7 injuries. *Alvaro Baik Cho, Renata Gregorio Paulos, Ricardo Kyoiti Sant Anna, Pedro Henrique Siqueira Carvalho, Leandro Yoshinobu Kiyohara, Luiz Sorrenti, Marcelo Rosa de Resende, Teng Hsiang Wei, Rames Mattar Jr (Brazil)*
- A-0160 - Rehabilitation of upper limb function in C5, C6, C7 brachial plexus palsies, a retrospective study on 45 cases. *Thibault Lafosse, Zoubir Belkheyr, Christophe Oberlin (France)*
- A-0172 - First rib anomaly in thoracic outlet syndrome for risk factor of subclavian artery aneurysm with literature review. *Takuya Yokoi, Mitsuhito Okada, Kiyohito Takamatsu, Takuya Uemura, Mikinori Ikeda, Hiroaki Nakamura (Japan)*
- A-0290 - Nerve transfers in upper limb arthrogyposis. *Jörg Bahm, Sandra Vossen (Germany)*
- A-0309 - long term patient satisfaction after supraclavicular first rib resection for thoracic outlet syndrome. *Claudia Bauer, Reinhold Stober (Switzerland)*

- A-0380 - Evaluation of Gracilis Free Functioning Muscle Transfer to Elbow Flexion with Neurotization to the Ulnar Nerve in Patients with Upper Brachial Plexus Injury. *Marcelo Rosa de Rezende, Gustavo Bersani Silva, Rames Mattar Junior, Teng Hsiang Wei, Marina Tommasini Carrara de Sambuy, Emygdio José Leomil de Paula, Álvaro Baik Cho (Brazil)*
- A-0490 - Combined transfer of the medial triceps branch to the infraspinatus branch of the suprascapular nerve and the axillary nerve, and use of cutaneous branch to reinnervate infraspinatus, for restoration of shoulder abduction and external rotation. *Mohammad Nassimzadeh, Dominic Power (UK)*
- A-0640 - Neurotization of the accessory nerve to suprascapular nerve: Does it really work or is it a bandwagon effect? Critical analysis of 11 cases. *Alvaro Baik Cho, Gustavo Bersani Silva, Leandro Yoshinobu Kiyohara, Luiz Sorrenti, Marcelo Rosa de Rezende, Teng Hsiang Wei, Rames Mattar Junior (Brazil)*

S35-2 CLINICAL CORNER BASAL THUMB OSTEOARTHRITISRoom 242B

Moderator: Carlos HERAS-PALOU (Derby, UNITED KINGDOM), Renato FRICKER

14:00-14:30

S31-2 LECTURE DUPUYTREN'S ANATOMY REVISITEDAmphi Bleu

Moderator: David WARWICK (Southampton, UNITED KINGDOM)

Presenter: Paul WERKER (Groningen, NETHERLANDS)

14:00-15:00

S33-2 FREE PAPERS WRIST LIGAMENT INJURYRoom 241

Moderators: Andrea ATZEI (Treviso, ITALY), Pak-Cheong HO (Hong-Kong, CHINA)

- A-0191 - Perilunate dislocation and fracture-dislocation of the wrist: retrospective evaluation of 65 cases. *Dan Israël, Pierre Mansat, Michel Rongières, Michel Mansat, Philippe Chiron, Paul Bonnevalle (France)*
- A-0686 - Surgical management of scapholunate instability. A study of 143 cases. *Dimitri Giannikas, Amirouche Dahmam, Martine Dury, Etienne Rapp, Nicolaos Giannikas (France)*
- A-0804 - Perilunate Injuries, Non Dislocated. *Guillaume Herzberg (France)*
- A-0462 - Reconstruction of scapholunate interosseous ligament using Capithamate bone-ligament-bone. *Toshiyasu Nakamura, Noboru Matsumura, Takuji Iwamoto, Kazuki Sato, Yoshiaki Toyama (Japan)*
- A-0210 - Radiographic and arthroscopic assessment of DRUJ instability due to foveal avulsion of the radioulnar ligament in distal radius fractures. *Toshiyasu Nakamura, Takuji Iwamoto, Noboru Matsumura, Kazuki Sato, Yoshiaki Toyama (Japan)*

14:00-15:30

E22-3 EFSHT WORKSHOP WORKSHOP ORTHOSISRoom 223M

The registration must be done Thursday 19 June on Orfit booth

E15 EFSHT MUSICIANS AND MSDS SESSIONRoom 252AB

- > Work-related risk factors for upper limb musculoskeletal disorders: a synthesis of recent biomechanical and epidemiological studies. *Yves ROQUELAURE (Angers, FRANCE)*
- > Epicondylagia diagnosis. *Fabrice RABARIN (Angers - Trelaze, FRANCE)*
- > Rehabilitation: how to protect upper limb musculoskeletal disorders. *Frédéric DEGEZ (Trelaze, FRANCE)*
- > The advantages of Extended Scope Practice in the management of Musculoskeletal upper limb disorders. *Victoria FRAMPTON (Canterbury, UNITED KINGDOM)*
- > EFSHT-A-0002-Biomechanical evaluation of soft tissue therapy treatment of patients with tennis elbow. *Marta Jokiel, Piotr Czarnecki, Leszek Romanowski (Poland)*
- > EFSHT-A-0027-Anatomy, Technique and Performing: The Musician's Hand. *Marc Papillon (France)*
- > Functional assessment and rehabilitation of focal dystonia in musicians. *Philippe CHAMAGNE (Paris, FRANCE)*

E21 EFSHT TEN STEPS FROM YOUR CLINICAL QUESTION TO SETTING UP YOUR RESEARCH PROJECTRoom 253

Presenter: Ruud W SELLES (NETHERLANDS)

14:30-15:00

S31-3 DEBATE IS CRPS A USEFUL DIAGNOSIS?Amphi Bleu

Moderator: Régis LEGRE (Marseille, FRANCE)

Presenters: Francisco DEL PINAL (Santander, SPAIN), Andrzej ZYLUK (Szczecin, POLAND)

15:00-15:30 COFFEE BREAK AND VISIT OF THE EXHIBITION AREA

15:30-16:00

S36 LECTURE CLINICAL ANATOMY OF THE INTRINSIC MUSCLES OF THE HANDAmphi Bleu

Moderator: Christian FONTAINE (Lille, FRANCE)

Presenter: Donald SAMMUT

S23-2 FREE PAPERS VIDEO FLASH: HAND.....*Amphi Maillot*

Moderators: Nicole SCHMELZER-SCHMIED (SWITZERLAND), David SHEWRING (Penarth, UNITED KINGDOM)

A-0736 - Complete ring avulsion amputations : personal experience about 17 patients. *Catherine Hémon (France)*

A-0590 - Digital block for fingertip injuries - A new safe & effective method. *Petros Mikaleff, Manish Gupta, Rajive Jose (UK)*

A-0117 - Closed central slip injuries diagnosis made easy. *Woan-Yi Chan, Chris Mills, Pieter Vermaak, Vikram S Devaraj (UK)*

A-0253 - New suture anchor technique with continuous locking stitch for entheses repair. *Susumu Tokunaga, Yoshihiro Abe (Japan)*

A-0346 - Wide-awake surgery in the hand and fingers is safe and effective method in Japanese population.

Takashi Kashiwa, Kohei Kanaya, Kohsuke Iba, Takuro Wada, Toshihiko Yamashita, Osamu Sato (Japan)

S37 FREE PAPERS FINGER LIGAMENT INJURY*Room 241*

Moderators: Angel FERRERES (Sant Cugat Del Valles, SPAIN), Karl-Josef PROMMERSBERGER (Bad Neustadt, GERMANY)

A-0071 - Injuries Patterns: Acute Thumb Ulnar Collateral Ligament Injuries. *Mohammed Farid, Russel Bramhall, Sharmila Jivan (UK)*

S34-2 FREE PAPERS BRACHIAL PLEXUS.....*Room 242A*

Moderators: Giorgio BRUNELLI (Cellatica (Bs), ITALY), Andreas GOHRITZ (Hannover, GERMANY)

A-0704 - The Extensor Pollicis Longus-Loop-Knot (ELK) Procedure Novel Method for Dynamic Balance of the Paralyzed Thumb Interphalangeal Joint. *Andreas Gohritz, Carina Reinholdt, Jan Fridén (Switzerland)*

A-0769 - Delayed surgical reconstruction of arm and hand function more than 10 years after cervical spinal cord injury it is never too late to improve. *Carina Reinholdt, Andreas Gohritz, Jan Fridén (Sweden)*

A-0245 - Possibility of neurotization of the avulsed brachial plexus by means of nerve grafts from the cortico-spinal tract (experimental research). *Giorgio Brunelli (Italy)*

16:00-17:00

E22-4 EFSHT WORKSHOP WORKSHOP ORTHOSIS.....*Room 223M*

The registration must be done Thursday 19 June on Orfit booth

16:00-17:30

S36-2 FESSH GENERAL ASSEMBLY.....*Amphi Bleu*

> Tribute to Secretaries General of FESSH. *Christophe MATHOULIN (Paris, FRANCE)*

> Tribute to FESSH. *Alain GILBERT (Paris, FRANCE)*

> Tribute to Raoul Tubiana. *Caroline LECLERCQ (Paris, FRANCE)*

> Reports of FESSH SG. *Zsolt SZABO (Miskolc, HUNGARY)*

> Reports of the Committee Chairs. *Zsolt SZABO (Miskolc, HUNGARY)*

> Inauguration speech. *Max HAERLE (Markgröningen, GERMANY)*

16:05-16:35

E16-1 EFSHT ECHT SESSION.....*Room 252AB*

ECHT Process and Presentation to newly certified hand therapists; Bhopal R. *Chair EFSHT Education Committee.*

16:35-17:00

E16-2 EFSHT EFSHT SESSION.....*Room 252AB*

> Presentation of the next IFSHT congress at BUENOS AIRES. *Sarah EWALD (Winterthur, SWITZERLAND), Beatrice PISO (BRAZIL)*

> Closing ceremony. *G.Versümer. EFSHT president, T.Aasheim, EFSHT Elect president, C.Le Lardic, EFSHT Chairman, France.*

19:30-01:00 CD CONGRESS DINNER - LE PAQUEBOT

Departure & return to the Port de Javel Haut

DETAILED PROGRAMME

Saturday, 21 June 2014

08:00-08:30

S39-1 LECTURE ANALYSIS OF REMBRANDT'S ANATOMY LESSON.....*Amphi Bleu*

Moderator: Dominique LE NEN (Brest, FRANCE)

Presenter: Alain-Charles MASQUELET (Paris, FRANCE)

08:00-09:00

S40-1 FREE PAPERS MICROSURGERY*Amphi Maillot*

Moderators: Werner GIRSCH (Vienna, AUSTRIA), Timo RAATIKAINEN (Espoo, FINLAND)

A-0734 - Complete ring avulsion amputations : a fifteen years experience. *Catherine Hémon, Bruno Barbato, Philippe Roure (France)*

A-0819 - Joint Reconstruction with Free vascularized Osteochondral Transplantation in Upper Extremity.

Duke Whan Chung, Jae Hoon Lee, Chang Min kang, Young Jun Kim, Eun Youl Kim (South Korea)

A-0303 - Predictors of digital replantation outcomes. *Anca Breahna, Edward Fitzgerald O'Connor, Aftab Siddiqui, Fortune Iwuagwu (UK)*

A-0714 - Microsurgical reconstruction of the forearm bones using epimetaphyseal autografts. *Sergey Golyana, Anton Govorov, Maxim Sviridov (Russia)*

A-0654 - Clinical experience with super-microsurgery: Reconstruction of the upper limb with " perforator-to-perforator " SCIP flaps (Superficial Circumflex Iliac Perforator).

Teng Hsiang Wei, Gustavo Bersani Silva, André Fernandes Pires, Bruno de Biase Cabral de Sousa, Raquel Bernardelli Iamaguchi da Costa, Rames Mattar Júnior (Brazil)

A-0694 - Role of arteriovenous vascular loops in reconstructive microsurgery: Details of the surgical technique and review of 10 cases. *Gustavo Bersani Silva, Teng Hsiang Wei, Hugo Alberto Nakamoto, Luciano Ruiz Torres, Felipe Augusto Garcez Campos, Marcelo Rosa de Rezende, Rames Mattar Júnior (Brazil)*

A-0326 - Reconstruction of extensive arm defects with free flaps. *Sang Wha Kim, Youn Hwan Kim (South Korea)*

S42 FREE PAPERS OTHER NERVE ENTRAPMENTS.....*Room 242A*

Moderators: Jacky LAULAN (Tours, FRANCE), Roberto ROSALES (El Rosario, SPAIN)

A-0794 - Ulnar nerve transposition: should local anesthesia be preferred to general anesthesia?

Thierry Christen, Pietro Roberti, Wassim Raffoul, Paolo Erba (Switzerland)

A-0809 - The ECU-test to diagnose radial tunnel syndrome. *Elisabet Hagert, Carl-Göran Hagert (Sweden)*

A-0828 - A prospective study of clinical diagnostic triad and wide-awake surgical treatment of proximal median nerve entrapment at the elbow. *Elisabet Hagert, Carl-Göran Hagert (Sweden)*

A-0374 - Outcome after hypothenar pad flap surgery for terminal & recurrent carpal tunnel syndrome.

Tom Latré, Simone Brammer, Steven Parmentier, Carlo Van Holder (Belgium)

A-0401 - Cubital tunnel syndrome. Results after subcutaneous anterior transposition.

Antonio Dudley Porras, Juan Carlos Sanz Sanchez, Lucia Madero De la Fuente, Julian Del Rio Hortelano (Spain)

A-0006 - The Association between cubital Tunnel morphology and ulnar neuropathy in patients with elbow osteoarthritis.

Yohei Kawanishi, Junichi Miyake, Shinsuke Omori, Tsuyoshi Murase, Kozo Shimada (Japan)

A-0278 - Isolated paralysis of the serratus anterior muscle: results of 52 consecutive cases of surgical release of the distal portion of the long thoracic nerve. *Louis-Romée Le Nail, Guillaume Bâcle, Emilie Marteau, Philippe Corcia, Luc Favard, Jacky Laulan (France)*

A-0264 - An Anatomical Study as a Basis for Endoscopic Cubital Tunnel Release and the Associated Clinical Outcomes.

Ather Mirza, Justin B. Mirza, Brian K. Lee, Shawn Adhya, Joshua Litwa, Daniel J. Lorenzana (USA)

08:00-09:45

S41-1 FREE PAPERS BASAL THUMB OSTEOARTHRITIS.....*Room 241*

Moderators: Christian COUTURIER (Meudon, FRANCE), Jean GOUBAU (Bruges, BELGIUM)

A-0571 - ISIS Trapezio metacarpal prosthesis. A review of 59 cases with 42 month follow up.

Christian Couturier, Francesca Toni, Amine Marzouki (France)

A-0505 - Articular Shape of the Thumb Carpometacarpal Joint Differs with Age But Not Sex.

Eni Halilaj, Amy Ladd, Arnold-Peter Weiss, Christopher Got, Joseph J. Crisco (USA)

A-0535 - Using a mini-TightRope (Arthrex) alone to suspend the thumb metacarpal after a trapeziectomy: Is this a viable option? 1-year and 2-year results. *Cameron Anley, Ajmal Ikram, Youssef Elghawail, Martin Wells (South Africa)*

A-0183 - Rigid versus semi-rigid splinting following TMC arthroplasty- A randomized control trial.

Rosemary Prosser, Mark Hancock, Leslie Nicholson, Felicity Thorley, Cathy Merry, Doug Wheen (Australia)

A-0139 - Comparison of functional results between techniques Burton-Pellegrini and Uriburu as surgical treatment of trapeziometacarpal osteoarthritis stages III and IV of Eaton.

Juan Carlos Caruso, Mauricio Claudio Balumelli, Alfredo Edgardo Olazabal (Argentina)

A-0159 - Denervation of the CMC joint of the thumb for primary arthritis: a prospect study on 30 thumbs.

Thomas Giesen, Greg Packer, Maria Sirotkova, David Elliot (Switzerland)

A-0830 - Prospective study of revision of failed trapeziectomy with pyrocarbon implant: more than 4 year follow up on 13 cases. *Emilien Vernet, Etienne Gaisne, Yves Kerjean, Thierry Loubesac, Ludovic Ardouin, Philippe Bellemere (France)*

A-0848 - Treatment of Hyperextension Deformity of the Thumb Metacarpophalangeal Joint.

Caroline Delaroche, Philippe Bellemère (France)

A-0366 - Tendinitis of the flexor carpi radialis tendon after trapezectomy with tendon interposition-arthroplasty: An unattended problem? *Nicolas Schmutz, Alexander Frank, Julia Henning, Philipp Honigsmann, Regula Steiger (Switzerland)*
A-0379 - The use of SPECT/CT to differentiate between carpo-metacarpal-1 and scapho-trapezio-trapezoid osteo-arthritis. *Suzanne van Rijn, Gerald Kraan (Netherlands)*
A-0085 - Arthroscopic-assisted Arthrodesis of the Trapeziometacarpal Joint: Indication and Surgical Technique. *Mohamed Abdelhamid Ali Yousef, Loris Pegoli (Italy)*
A-0354 - Economic analysis of surgical and conservative treatment for trapeziometacarpal osteoarthritis: a prospective cohort study investigating health care costs and loss of productivity. *Miriam Marks, Laurent Audigé, Daniel Herren, Stephan Schindele, Rob Nelissen, Thea Vliet Vlieland, Wilbert van den Hout (Switzerland)*

08:30-09:40

S39-2 SYMPOSIUM EWAS EWAS - SESSION I: INSTABILITY.....Amphi Bleu

Moderator: Gilles DAUTEL (Nancy, FRANCE)

- > Welcome and Announcements. *Guillaume HERZBERG (Lyon, FRANCE)*
- > Scapholunate instability: definitions, classifications. *Jane Christiane MESSINA (Bergamo, ITALY)*
- > Dorsal Capsuloplasty. *Luc VAN OVERSTRAETEN (Tournai, BELGIUM)*
- > Scapholunate Instability: My Arthroscopic Grading. *Gilles DAUTEL (Nancy, FRANCE)*
- > Midcarpal Instability – arthroscopic volar capsulo ligamentous repair. *Christophe MATHOULIN (Paris, FRANCE)*
- > Foveal tears classification. *Andrea ATZEI (Trevise, ITALY)*
- > Radial TFCC tears and DRUJ instability. *Didier FONTES (Paris, FRANCE)*
- > DRUJ arthroscopy for instability. *Toshiyasu NAKAMURA (Tokyo, JAPAN)*

09:00-10:00

S40-2 FREE PAPERS POST TRAUMATIC WRISTAmphi Maillot

Moderators: Marco Jpf RITT (Amsterdam, NETHERLANDS), Eduardo Rafael ZANCOLLI (Capital Federal, ARGENTINA)

- A-0214 - The open release of stiff wrist: long term follow-up. *Norman Della Rosa, Giovanna Petrella, Giuseppe Caserta, Antonio Landi (Italy)*
A-0813 - Distraction technique for treatment of injuries and diseases of carpal bones. *D. A. Magdiiev (Russia)*
A-0599 - Which results can we hope with total déviation of the wrist., a review of 46 cases. *Michel Rongieres, Dan Israel, Stephanie Delclaux, Pierre Mansat (France)*
A-0758 - Scaphoidectomy and double column midcarpal arthrodesis for SLAC, SNAC and SCAC stage III°. *Riccardo Luchetti, Roberto Cozzolino (Italy)*
A-0206 - Computed Tomography-Based Three-Dimensional Kinematic Comparison of Dart-Throwing Motion Between Wrists with Malunited Distal Radius and Contralateral Normal Wrists. *Sanglim Lee, Ji Yeong Kim, Suk Ha Jeon, Jin Young Kim, Young Ho Lee, Hyuk Jin Lee, Goo Hyun Baek (South Korea)*
A-0276 - Malunited distal radius fracture- longterm results of extraarticular corrective osteotomies. *Thomas Pillukat, Gerti Gradl, Marion Mühladorfer-Fodor, Karl-Josef Prommersberger (Germany)*

S42-2 FREE PAPERS ULTRASOUND CTRRoom 242A

Moderators: Alexandre DURAND (Maxeville, FRANCE), Giorgio Eugenio PAJARDI (Milano, ITALY)

- A-0747 - Ultrasound-guided percutaneous carpal tunnel release : a prospective study of 350 patients. *Thomas Aparé, Gilles Candelier (France)*
A-0796 - Percutaneous treatment of carpal tunnel syndrome using ultrasound guidance: results of a pilot study outside the operating room. *B. Lecog, M. Malherbe, N. Hanouz, R. Morello, PY Jean-Jacques, JJ. Duthell, S. Levesque, C. Hulet, C. Marcelli (France)*
A-0824 - Sonographically Assisted Percutaneous Release of the Transverse Carpal Ligament: a New Surgical Technique for Treating Carpal Tunnel Syndrome. *I-M Jou, T-C Chern (Taiwan)*
A-0825 - The comparison of ultrasonographical changes of carpal tunnel syndrome in very elderly patients and the outcome after a new sonographically assisted percutaneous release [SAPR], a prospective study with matched controls. *Jui-Ming Yang, I-Ming Jou (Taiwan)*
A-0321 - Sonography before and after carpal tunnel release. *Somesh Beeharry (France)*
A-0531 - Contributions of static and dynamic sonography in cubital tunnel syndrome. *Damien Babusiaux, Jacky Laulan, Loïc Bouilleau, Arnaud Martin, Christophe Adrien, Antoine Aubertin, Fabrice Rabarin (France)*

09:40-10:10

S39-3 LECTURE WHAT LESSON AFTER MORE THAN 15 YEARS OF WRIST ARTHROSCOPIC SURGERY.....Amphi Bleu

Moderator: Riccardo LUCHETTI (Rimini, ITALY)

Presenter: Pak-Cheong HO (Hong-Kong, CHINA)

09:45-10:30

S45-3 FREE PAPERS CHRONIC PAIN MANAGEMENTRoom 241

Moderators: Sandra PFANNER (Firenze, ITALY), Joel ENGEL (Ramat Gan, ISRAEL)

- A-0146 - Treatment of chronic neuropathic pain: First clinical experience with Peripheral Nerve Stimulation (PNS). *Gerlinde Weigel, Werner Girsch (Austria)*

A-0709 - External Neuromodulation for the Treatment of Neuropathic Pain in the Upper Limb.

Shan Shan Jing, Adam Sierakowski, Jenny Poel, David Elliot (UK)

A-0498 - Complex Regional Pain Syndrome. A closed loop audit of fracture clinic guidelines.

Nik Jagodzinski, Sinan Al-Qassab, Sue Fullilove, Mark Rockett (UK)

A-0057 - Factors Associated with Complex Regional Pain Syndrome Type I in Patients with Surgically Treated Distal Radius

Fracture. *Young Hak Roh, Beom Koo Lee, Jong Ryeon Baek, Hyun Sik Gang, Goo Hyun Baek (South Korea)*

A-0252 - Physiotherapy under hypnosis: A solution for acute algodystrophy syndromes.

S. Delclaux, M. Quintard, N. Collin, S. Terce, M. Rongières, C. Apredael, P. Bonneville, P. Mansat (France)

10:00-10:30 COFFEE BREAK AND VISIT OF THE EXHIBITION AREA

10:30-11:00

S45-1 LECTURE TRAUMA RECONSTRUCTION OF COMPLEX FRACTURES IN THE UPPER LIMBAmphi Maillot

Moderator: Ahmad Sa ROOHI (Petaling Jaya, MALAYSIA)

Presenter: Bruno BATTISTON (Torino, ITALY)

10:30-11:30

S46-1 FREE PAPERS CARPAL TUNNELRoom 241

Moderators: Aurelio PORTINCASA (Foggia, ITALY), Pierluigi TOS (Torino, ITALY)

A-0384 - Prevention of perineural fibrosis after neurolysis and carboxymethyl cellulose/ polyethileneoxide barrier agent for the treatment of recalcitrant postsurgical neuropathic pain: experimental study on mice and preliminary clinical results.

Pierluigi Tos, Mario Cherubino, Alessandro Crosio, Igor Pellegatta, Stefano Geuna, Bruno Battiston, Luigi Valdatta (Italy)

A-0398 - Postoperative Follow-up of Severe Carpal Tunnel Syndrome. *Tatsuki Ebata, Susumu Tokunaga, Yoshihiro Abe (Japan)*

A-0442 - Comparison of short wrist transverse open incision and limited open incision techniques for carpal tunnel release.

Jaehoon Lee, DukeWhan Chung (South Korea)

A-0616 - Does basal joint arthritis of the thumb is really linked to carpal tunnel syndrome ? *Guillaume Bacé, Emilie Marteau, Jacky Laulan (France)*

A-0287 - Prevention of nerve adhesions by alginate gel using a new experimental model of median nerve adhesion in the carpal tunnel. *Ai Hachinota, Kaoru Tada, Shunro Okamoto, Hiroyuki Tsuchiya (Japan)*

A-0576 - Altered Displacements of the Median Nerve and Tendons in Carpal Tunnel Syndrome.

Anika Filius, Ruud W. Selles, M. Scheltens, Hans G. Bosch, Jan-Wiebe H. Korstanje, Pieter A. van Doorn, Henk J. Stam, Peter C. Amadio Steven E. R. Hovius (Netherlands)

A-0028 - Bilateral Carpal Tunnel Syndrome - Staged or Simultaneous Surgery? *David R. Dickson, Tim Boddice, Andrew M. Collier (UK)*

S47 FREE PAPERS TENDONS ELECTIVE SURGERYRoom 242A

Moderators: Ulrich MENNEN (Pretoria, SOUTH AFRICA), Michel RONGIERES (Toulouse, FRANCE)

A-0749 - Posttraumatic flexor tenosynovitis (trigger digits).

Masatoshi Takahara, Mikio Harada, Masahiro Maruyama, Mikiro Kondo, Chieko Hirano, Tadanobu Nemoto (Japan)

A-0710 - A simple, reliable technique for the correction of swan neck deformities. *Anna Barnard, Susan Stevenson, Richard H Milner (UK)*

A-0124 - Comparison of early versus delayed treatment results of mallet finger injuries.

Egemen Altan, Nazmi Bülent Alp, Reyhan Baser, Levent Yalcin (Turkey)

A-0149 - Management of Posttraumatic Stiff finger with new method of tenolysis. *Asif Bhatti, Tsu Min Tsai (Saudi Arabia)*

A-0400 - Evaluation of Pronator Teres Muscle Transfer to Both Radial and Ulnar Wrist Extensors To Improve Hand Grip Strength in Tendon Transfer for Radial Nerve Palsy. *Muhammad A. Quolquela (Egypt)*

A-0449 - The Effect of radial ESWT on Intrasyovial Flexor Tendon Healing and Adhesion Formation: An experimental study on zone 2 flexor tendons of cockerels. *Deniz Kalayci, Mehmet Colak, Nurten Erdal, Serkan Gurgul, Cosar Uzun, Savas Aktas, Mustafa Yilmaz (Turkey)*

10:40-11:00

S39-4 SYMPOSIUM EWAS EWAS - SESSION II: CARPUS.....Amphi Bleu

Moderator: Jan-Ragnar HAUGSTVEDT (Moss, NORWAY)

> Scaphoid fractures. *Michel LEVADOUX (Toulon, FRANCE)*

> Scaphoid non-unions. *Clara WONG, P. C. HO (Hong-Kong, CHINA)*

11:00-11:40

S39-5 SYMPOSIUM EWAS EWAS - SESSION III: DISTAL RADIUS.....Amphi Bleu

Moderator: Hermann KRIMMER (Ravensburg, GERMANY)

> Arthroscopic assisted reduction and fixation. *Guillaume HERZBERG (Lyon, FRANCE)*

> DRF and soft tissue lesions. *Tommy LINDAU (Derby, UNITED KINGDOM)*

> Intra-articular osteotomy/resection arthroplasty. *Francisco DEL PINAL (Santander, SPAIN)*

> Arthroscopic arthrolysis for arthrofibrosis. *Riccardo LUCHETTI (Rimini, ITALY)*

11:00-12:00

S45-3bis FREE PAPERS KIENBÖCK'S DISEASE.....Amphi Maillot

Moderators: Emmanuel CAMUS (Maubeuge, FRANCE), Massimo CERUSO (Firenze, ITALY)

A-0822 - Pronator Quadratus Muscle Pedicled Bone Graft in Kienböck's Disease.

Jae Hoon Lee, Duke Whan Chung, Chung Soo Han, Young Jun Kim, Chang Min Kang (South Korea)

A-0856 - Lunate Pyrocarbon® implant arthroplasty: analysis of physical function and patient satisfaction.

N. J. Visser, T. M. Moojen, H. Slijper, R. Feitz (Netherlands)

A-0572 - Lunate revascularization by Hori technique in Kdisease: A contrast enhanced dynamic MRI based study.

S. Pfanner, P. Sattili, M. Ceruso (Italy)

A-0373 - Characteristic features and natural evolution of Kienböck's disease: Five years results of a prospective case series and retrospective case series of 94 patients.

Stéphane Stahl, Adelana Santos Stahl, Pascal J. H. Hentschel, Manuel Held, Christoph Meisner, Hans-Eberhard Schaller, Oliver Lotter (Germany)

11:30-12:30

S46-2 FREE PAPERS CARPAL TUNNEL.....Room 241

Moderators: Andre GAY (Marseille, FRANCE), Mathias HAEFELI (Zurich, SWITZERLAND)

A-0066 - Factors associated with night pain in patients undergoing carpal tunnel release.

Jeong Hwan Kim, Hyun Sik Gong, Hyuk Jin Lee, Goo Hyun Baek (South Korea)

A-0083 - Carpal Tunnel Syndrome Is the Internet providing comprehensive patient information?

Adrian Fernando Palma, Florian Samuel Frueh, Mathias Haefeli, Christiana Graf, Dimitri Aristotle Raptis, Merlin Guggenheim, Pietro Giovanoli, Maurizio Calcagni (Switzerland)

A-0274 - Morphologic Change of Median Nerve Correlates with Symptom Relief after Mini-Incision and Endoscopic Carpal Tunnel Release: A Randomized Trial. Yun-Rak Choi, Ho-Jung Kang, Il-Hyun Koh, Young-Chang Park, Kwang-Min Song, Ji-Sub Kim (South Korea)

A-0707 - Intraneural Ganglions of the Hand and Wrist. Nash Naam (USA)

S49 SYMPOSIUM ULTRASOUND IN HAND SURGERY.....Room 242A

Moderators: Frederic TEBOUL (Paris, FRANCE), Esther VÖGELIN (Bern, SWITZERLAND)

> Introduction. Esther VÖGELIN (Bern, SWITZERLAND)

> Live demonstration of Ultrasound anatomy. Jerome VOGELS (Les Trois Îlets, FRANCE)

> Ultrasound guided procedures.

> Use of Ultrasound in clinics and for carpal tunnel release. Thomas APARD (Caen, FRANCE)

> Case presentations: Quiz with interactive discussions.

> Future and conclusion. Frederic TEBOUL (Paris, FRANCE)

11:40-12:20

S39-6 SYMPOSIUM EWAS EWAS - SESSION IV: RESECTION.....Amphi Bleu

Moderator: David J. SLUTSKY (Torrance, UNITED STATES OF AMERICA)

> Arthroscopic Trapeziometacarpal resection arthroplasty. Pierre DESMOINEAUX (Le Chesnay Cedex, FRANCE)

> HALT syndrome. Max HAERLE (Markgröningen, GERMANY)

> Distal scaphoid resection - STT OA, SNAC wrist. David J. SLUTSKY (Torrance, UNITED STATES OF AMERICA)

> Augmented reality based navigation for wrist arthroscopy. Philippe LIVERNEAUX (Illkirch Graffenstaden, FRANCE)

12:00-13:00

S41-2 FREE PAPERS ANATOMY.....Amphi Maillot

Moderators: Maurizio CALCAGNI (Zurich, SWITZERLAND), Hebe Désirée KVERNMO (Tromsø, NORWAY)

A-0068 - Anatomical landmarks for peripheral neural blocks of the forearm and the wrist: A cadaveric study.

Tatjana Ismini Lanaras, Nadja Alexandra Müller, Magdalene Vich, Maurizio Calcagni (Switzerland)

A-0849 - The arrangement of Sharpey's fibers in the metacarpals and Proximal phalanges is unique and helps explain the structural and functional uniqueness. Mohamed Khalid, Ibrahim Inuwa (Oman)

A-0860 - An anatomical study of the neurovascular anatomy of the web spaces between the fingers. A Kinsella, D. M. Davidson (UK)

A-0265 - Anatomical study of the motor branches to the flexor-pronator muscles of the upper limb and guidelines to hyper-selective neurotomy. Adeline Cambon-Binder, Catalina Parot de la Sotta, Renata Paulos, Rita Silva, Caroline Leclercq (France)

A-0483 - Ultra-high field ex vivo MR-microscopy of fetal ossification of the forearm and wrist.

Inga Langner, Paul-Christian Krüger, Thomas Stahnke, Stefan Hadlich, Andreas Eisenschenk, Sönke Langner (Germany)

A-0302 - Radial forearm flap possibilities in hand trauma sequences (anatomical search).

Igor Shvedovchenko, Nikolay Fomin, Aleksander Kochish (Russia)

POSTERS

Posters will only be available as electronic posters, on computers, in the "Poster area". You will be able to browse them from Wednesday, 18 June until Saturday, 21 June, only on the computers of this "Poster area". You will find below the list of FESSH Posters and EFSHT Posters, sorted by ID:

P-1 FESSH POSTER SESSION

A-0273 - Reconstruction of glabrous skin defects in the hand - Experience and advantages of the thenar base donor site.

Chris Milner, Sunil Thirkannad (USA)

A-0355 - Ulnar collateral ligament injury in the thumb - MRI classification and treatment prognosis.

Chris Milner, Yorell Manon-Matos, Sunil Thirkannad (USA)

A-0001 - Nodular fasciitis of the hand: a rare clinical entity.

Fahd Mahmood, Douglas Robinson (UK)

A-0003 - The value of SPECT/CT in the diagnostic process of chronic wrist pain. I. Besmens, F.-G. Fuechsel, C. Meier, C. Hess (Switzerland)

A-0004 - The Use of 4DCT Scanning to Diagnose Carpal Instability. Sanjeev Kakar, Richard Berger, Shuai Leng, Steven Moran, Kristin Zhao (USA)

A-0007 - Fixation of the ulnodorsal fragment for the treatment of intra-articular fracture of distal radius.

Kazuo Ikeda, Naoki Osamura, Kaoru Tada (Japan)

A-0008 - Ultrasound (US) controlled surgical treatment of the ulnar nerve entrapment syndrome, a cadaveric study.

Thibault Poujade, Nathalie Hanouz, Bertrand Lecoq, Sylvie Collon, Christophe Hulet, Christian Marcelli (France)

A-0010 - The Use of Psychosocial Services Post Hand and Upper Limb Injury and Trauma: A Pilot Study. Gregory Chown, Mary Beckwold, Heather Chernosky, Jonathan Lazoskie, Allison Yerkes (USA)

A-0016 - The capitate protrusion test : a new test for scapholunate instability. Thomas Apard, Edward De Keating, Chihab Taleb, Gilles Candelier (France)

A-0017 - The «Fast-echo» procedure: An ultrasonography examination for acute injury of the wrist with normal X-rays. Thomas Apard, Payam Parshad, Gilles Candelier (France)

A-0018 - Continuous in situ infusion of Ropivacaine for ambulatory congenital hand surgery in young children.

Thomas Apard, Stéphane Barbary, Sébastien Letouze, Gilles Candelier (France)

A-0019 - Volar locking plating for unstable peri-articular fractures of the proximal phalangeal base of the finger.

Ryotaro Fujitani, Shohei Omokawa, Yoshihiro Dohi, Akio Iida, Yoshihito Tanaka (Japan)

A-0020 - Predicting the risk of pathologic fracture for enchondromas of the hand using reproducible clinical and radiographic criteria. Rishikesan Ramasesh, Scott Riester, Doris Wenger, Andre van Wijnen, Sanjeev Kakar (UK)

A-0021 - Shortening osteotomy. Barbara Craggs, Bert Vanmierlo, Chul Ki Goorens, Moustapha Hamdi (Belgium)

A-0025 - Free Vascularized Fibular Graft Reconstruction of the Cervical Spine. Yousef Mohamed Abdelhamid Ali, Ahmad Addosoiki, Mohamed AlamEladin, Mohamed Abdel-Wanis (Italy)

A-0029 - Early Functional Recovery and Long-Term outcomes for Trapeziectomy with LRTI.

David Dickson, Lebur Rohman, Armughan Azhar, Andrew Collier (UK)

A-0031 - Scaphoid Dislocation Associated with Axial Dislocation of the Carpus. An Infrequent Lesion but with an Excellent Long Term Prognosis (10 years). Ana M Far-Riera, Carlos Perez-Urbarri (Spain)

A-0036 - Clinical experience with complications of hand rejuvenation in an Asian population. Tae Hwan Park, Ji Hae Park, Hyung Suk Moon, Yun Joo Park, Sang Won Seo, Choong Hyun Chang (South Korea)

A-0037 - Palmar capsuloligamentous suture via arthroscopy as a treatment for midcarpal instability.

Thomas Waitzenegger, Christophe Mathoulin (France)

A-0038 - Transstyloid PLFD with dorsoradial wrist translocation - reverse type of PLFD? Lyudmil Simeonov (Bulgaria)

A-0040 - A National Survey of the Management of Suspected Scaphoid Fractures in England. Simon Fleming, Rose Ingleton, Tim Halsey (UK)

A-0045 - The brachioradial release during open treatment of the distal radius fracture does not deteriorate wrist function and elbow flexion torque. Jae Kwang Kim (South Korea)

A-0046 - Following Volar Plate Fixation Outcomes of Low-Grade Open and Closed Distal Radius Fractures are Similar.

Jae Kwang Kim (South Korea)

A-0047 - Coronoid process fractures with elbow instability the significance of the associated injuries.

Svevdalin Angelov, Dimitar Aleksandrov, Boian Valentinov (Bulgaria)

A-0050 - SNAC wrist: a novel method of treatment with vascularized bone graft and distal radius osteotomy.

Zoe H Dailiana, Konstantinos N Malizos, Antonios Koutalos, Loukia K Papatheodorou, Sokratis Varitimidis, Vasileios Kontogeorgakos (Greece)

A-0051 - Reconstruction of dorsal hand and finger defects with reversed radial fasciocutaneous forearm flaps. Mehmet Ali Acar, Omer Faruk Erkokcak, Bahattin Kerem Aydin, Ali Gulec, Mehmet Elmadag, Faik Turkmen (Turkey)

A-0052 - Comparison of two different modified extension block fixation using three Kirschner wires for bony mallet finger. Yasuhiro Seki, Yuko Hoshino, Hiroshi Kuroda (Japan)

A-0056 - Intramedullary nail fixation for displaced and unstable distal radial fractures in patients sixty-five years of age and older. Takuma Wakasugi, Ritsuro Shirotsaka, Hiroaki Kimura, Yoshiaki Wakabayashi (Japan)

A-0058 - To what degree do shoulder outcome instruments reflect patients' psychologic distress?

Young Hak Roh, Beom Goo Lee, Joo Han Oh, Hyun Sik Gong, Goo Hyun Baek (South Korea)

A-0059 - Reliability and Validity of Carpal Alignment Measurements in Evaluating Deformities of Scaphoid Fractures.

Young Hak Roh, Jong Ryeon Baek, Joo Han Oh, Hyun Sik Gong, Goo Hyun Baek (South Korea)

A-0062 - Carpal Tunnel Surgery: Our practice over more than a decade. Nimesh Patel, Cathy Millyard, Timothy Batten, Martha Ricketts, Paul Birdsall (UK)

A-0063 - Carpal Tunnel Decompression: Surgical factors and patient acceptability to nurse led surgery.

Nimesh Girishbhai Patel, Martha Ricketts, Cathy Millyard, Paul Birdsall (UK)

A-0069 - Radiographic change of the Distal Radioulnar Joint after Ulna Shortening Osteotomy. Kazuaki Mito, Toshiyasu Nakamura, Kazuki Sato, Wataru Inokuchi, Yoshiaki Toyama (Japan)

A-0072 - Hand Infections: A Retrospective Analysis. Tolga Türker, Nicole Capdarest-Arest, Spencer T. Bertoch, Erik C. Bakken, Susan E. Hoover, Jiyao Zou (USA)

A-0074 - The comparison of corrective osteotomy with dorsal buttress plate fixation and volar locking plate fixation for malunited distal radius fractures. Kunihiro Oka, Tsuyoshi Murase, Hiroyuki Tanaka, Yohei Kawanishi, Keiichiro Oura, Atsuo Shigi (Japan)

A-0075 - Minimally invasive approach with pronator quadratus preservation. Clembosky Gabriel, Gomez Rodriguez Gustavo, Perrone Juan Martin, Gomez Diego Jose, Chahla Jorge Alberto, Hausman Michael (Argentina)

A-0078 - Surgical treatment of lateral epicondylitis: Results of arthroscopic versus open procedures.

Osamu Soejima, Ryota Iwamoto, Ayumi Matsunaga (Japan)

A-0079 - Long-term clinical outcome after epineural coaptation of digital nerves. Richard Fakin, Holger Klein, Pietro Giovanoli, Maurizio Calcagni (Switzerland)

A-0086 - Dupuytren's disease and the risk of malignant neoplasms. *A Zyluk, K Paszkowska-Szczur, S Gupta, R Scott, J Lubinski, T Debnick (Poland)*
A-0087 - Common variants of the EPDR1 gene and the risk of Dupuytren's disease. *T Debnick, A Zyluk, P Puchalski (Poland)*
A-0088 - Replantation and reconstruction vs terminalization in the treatment of amputation of the digits.

A Zyluk, P Dec, K Bartosik, J Chr?chol, P Puchalski (Poland)
A-0090 - Does ultrasonography contribute significantly to the diagnosis of carpal tunnel syndrome? *A Zyluk, I Walaszek, Z Szloser (Poland)*
A-0095 - Clinical Results for Distal Radius Fracture in the Elderly Women, Operated with Polyaxial Locking Plate (VA-TCP). *Nobuaki Okamatsu, Keiichi Kawasaki, Toshio Maeda, Jun Ikeda, Katsunori Inagaki, Yukio Ueno (Japan)*

A-0096 - Radiologic change by early motion in neck fractures of the fifth metacarpal that treated with antegrade intramedullary fixation. *Youn-Moo Heo, Sang Ki Lee (South Korea)*
A-0099 - Detection of intrinsic ligamental and TFCC lesions of the wrist by direct vs. indirect MR arthrography - a prospective trial. *Michaela Huber, C Fellner, Patrick Hoffstetter, Thomas Herold, Michael Nerlich, Christian Ross (Germany)*

A-0100 - Three dimensional analysis of the dart-throwing motion of the wrist after partial wrist arthrodesis. *Sayuri Arimitsu, Hisao Moritomo, Takashi Masatomi, Masao Yukioka, Chikako Yukioka (Japan)*

A-0104 - Reconstructive Surgery of Skin Wounds Defects in Post-traumatic Hand using an Artificial Dermis (Integra®): results with 15 grafts. *H Choughri, P Pellissier, R Weigert, V Casoli (France)*

A-0107 - Ultrasonographic evaluation of hourglass-like fascicular constriction and interfascicular neurolysis for the idiopathic anterior or posterior interosseous nerve palsy: a preliminary report. *Toru Sunagawa, Yuka Nakashima, Rikuo Shinomiya, Mitsuo Ochi (Japan)*

A-0108 - A prospective randomised study of endoscopic versus limited-open technique in Carpal Tunnel Syndrome. *Adriana Martinez-Catasus, Jordi Garcia, Monica Corrales, Alejandro Parasin, Joan Bosch (Spain)*

A-0114 - The Use of Prophylactic Antibiotic in Treatment of Fingertip Amputation: A Randomized Prospective Trial.

Guy Rubin, Hagay Orbach, Micha Rinott, Alejandro Wolovelski, Nimrod Rozen (Israel)
A-0118 - Osteoarthritis after cold injuries. *Woan-Yi Chan, Vadivel Moonesamy, Vikram S Devaraj (UK)*

A-0125 - The SLIC (ScaphoLunate and InterCarpal) Ligamentoplasty for the treatment of scapholunate dissociation. Surgical technique. *Nicolas Pauchard, Gilles Dautel (France)*

A-0126 - Does the use of a locked dorsal plate in four-corner arthrodesis have a clinical and economic interest? *Nicolas Pauchard, Benoit Pedetout, Clotilde Lecoanet-Strugarek, Michele De Gasperi, François Dap, Gilles Dautel (France)*

A-0130 - Predicting Factors of Adverse Outcome in Pyogenic Flexor Tenosynovitis of the Hand. *Camillo Müller, Ilker Uçkay, Paolo Erba, Patrice Zaugg, Christoph Bollmann, Cindy Bouvet, Jean-Yves Beaulieu (Switzerland)*

A-0136 - Is there a need for screening for unknown diabetes in patients with trigger finger? *Dorien de Vocht, Margriet Mullender, Marelise Eekhoff, Marco Ritt (Netherlands)*

A-0141 - Morphometric Analysis of the Distal Interphalangeal Joint and the Implications for Arthrodesis with a Headless Compression Screw. *Ethan R. Wiesler, Andrew I. Bogle, Benjamin Braun (USA)*
A-0142 - Biomechanical Consequence of Extensor Pollicis Tendon Relocation. *Ethan R. Wiesler, Martin Tanaka, George Chloros (USA)*

A-0144 - Expression pattern of Wnt signaling in idiopathic carpal tunnel syndrome. *Yoshiaki Yamanaka, Kunitaka Menuki, Yukichi Zenke, Akinoi Sakai (Japan)*

A-0148 - silicon arthroplasty with a metaphyseal reconstruction for complex articular fractures of the proximal interphalangeal joint. *Thomas Jager, Bernard Lallemand, Michel Merle, Clotilde Strugarek-Lecoanet, Gilles Dautel (Luxembourg)*

A-0150 - Treadmill induced hand friction burn. *Asif Bhatti, Dawood Shaikh (Saudi Arabia)*

A-0151 - What forces do experts use during wrist arthroscopy? *Miryam Obdeijn, Tim Horeman, Lisanne de Boer, Sophie van Baalen, Philippe Livemeaux, Gabrielle Tuijthof (Netherlands)*

A-0152 - What aspects of navigation forces could be used for assessment and training of wrist arthroscopy skills level?

Miryam Obdeijn, Sophie van Baalen, Tim Horeman, Juul Alewijnse, Philippe Livermeaux, Gabrielle Tuijthof (Netherlands)

A-0153 - Reconstruction of fingertip defects with digital artery perforator flap. *O. Koray Coskunfirat, Haluk Ozcenli, Gamze Bektas, Ahmet Duymaz, Ali Cavit (Turkey)*

A-0156 - Study of the efficacy and compliance of hand and wrist orthotic devices for traumatological indications in retail pharmaceutical practice. *F. A. Allaert (France)*

A-0157 - Management of pulseless supracondylar fractures of the humerus in children: towards the end of the controversy? *Adeline Cambon-Binder, Pascal Jehanna, Philippe Valenti, Laurent Tribout, Brice Ilharreborde, Keyvan Mazda (France)*

A-0161 - Anatomical study on the interest of the Hyper Extension Internal rotation test of the shoulder, in the analysis of anterior gleno humeral instability. *Thibault Lafosse, Simon Fogerty, Laurent lafosse (France)*

A-0163 - Development of Computer Assisted Surgery Technique for Fixation of Scaphoid Fractures.

Saker Khamaisy, Eran Peleg, Gil Segal, Amgad Chamed, Lail Luria (Israel)

A-0165 - Delayed flexor tendon reconstruction with two-stage grafting followed by tenolysis in zone II.

Masayoshi Ikeda, Yuka Kobayashi, Takayuki Ishii, Ikuo Saito, Joji Mochida (Japan)

A-0167 - Innervation mapping of the hind paw of the rat using Evans Blue extravasation, Optical Surface Mapping and CASAM. *S. Kambiz, M. Baas, L. S. Duraku, A. L. Kerver, A. H. J. Koning, E. T. Walbeehm, T. J. H. Ruigrok (Netherlands)*

A-0169 - A Review and Validation of Hand Surgery Training Models. *Woan-Yi Chan, Chris Mills (UK)*

A-0176 - A comparative study of diagnostic and imaging techniques of the trapezium bone in rizoarthrosis. *Gianfranco Berzera, Arianna B. Lovati, Alessandro Pozzi, Matilde Bongio, Camilla Recordati, Matteo Moretti (Italy)*

A-0177 - Appropriate indications of opponensplasty for severe carpal tunnel syndrome.

Yuki Hara, Yasumasa Nishihara, Naoyuki Ochiai, Shinji Murai, Masashi Yamasaki (Japan)

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A-0544 - Dorsal Reverse Adipofascial Flap Based on a Exteriorized Pedicle and Bone Graft for the treatment of painful non-union of the distal phalanx.

Nadja Müller, Thomas Giesen, Maurizio Calcagni (Switzerland)

A-0550 - Chronic fixed palmar dislocation of the distal radioulnar joint: results of surgical treatment. *Johannes Tobias Thiel, Marion Mühlbauer-Fodor, Thomas Pillukat, Jörg van Schoonhoven (Germany)*

A-0552 - Constrained total distal radioulnar joint replacement: a series of 15 cases. *Thomas Giesen, Mathias Haefeli, Pietro Giovanoli, Maurizio Calcagni (Switzerland)*

A-0555 - Critical Bone and Soft Tissue Defects of the Hand and Arm. *Stefan Salminger, Philipp Funovics, Oskar C. Aszmann (Austria)*

A-0558 - Ruptures of the Flexor Tendon in Athletes.

Hiroyasu Ikegami, Takanori Shintaku, Syu Yoshizawa, Yoshinori Musha, Takahide Sunakawa, Keisuke Ito, Takao Kaneko (Japan)

A-0561 - Flexor tendon repair using barbed sutures in polypropylene and polydioxanone: a biomechanical study in an animal model. *Alessandra Clemente, Marco Borsetti, Claudia Cerato, Federica Bergamin (Italy)*

A-0563 - Schwannomas of the peripheral nerve in the upper limb. Analysis and review of 9 cases. *Antonio Dudley Porras, Juan Carlos Sanz Sanchez, Lucia Madero de la Fuente, Julian Del Rio Hortelano (Spain)*

A-0567 - Ulnar Shortening Osteotomy using the Alians ulna plate. *Andre M Gay, Didier Guinard, Aurélie Iniesta, Régis Legré (France)*

A-0568 - Usability of Arthroscopic Repair for the Distal Radius Fractures of the Wrist Joint. *Hiroyasu Ikegami, Takanori Shintaku, Syu Yoshizawa, Yoshinori Musha, Takahide Sunakawa, Keisuke Ito, Takao Kaneko (Japan)*

A-0570 - Nerve innervation patterns of the anterior and the middle scalene muscles. *Tolga Turker, Tüzün Firat, Rodrigo N Banegas, Farid Gharagozloo (USA)*

A-0575 - Infections following microtransdermal implants placement in the hand. *Jean-Maxime Alet, Marie-Laure Abi-Chahla, Audrey Michot, Philippe Pelissier (France)*

A-0579 - Strategies for Management of the Failed Basilar Joint Arthroplasty. *Ethan R. Wiesler, Benjamin Braun (USA)*

A-0583 - Reconstruction Of Extensor Pollicis Longus Tendon by a Combined Hunter and Dermal Regeneration Template Procedure. *Elias T Sawaya, Benjamin Sommier, Audrey Michot, Jean-Maxime Alet, Vincent Casoli (France)*

A-0585 - The Character of Flexor Sheath Infection - Lessons from 88 Patients. *Richard Baker, Manu Sood (UK)*

A-0587 - Radial head resection and hemiinterposition arthroplasty or corrective osteotomy in masada type II deformity in patients with multiple hereditary exostoses. Evaluation of a new operative technique. *Konrad Mader, Arnard van der Zwan, John Ham (Norway)*
A-0588 - Stabilization of finger ulnar drift deformities in rheumatoid arthritis: extensor digitorum communis tenodesis.

Yoshiya Arishima, Yoshitaka Minamikawa, Yasuhiro Tsuneyoshi, Setsuro Komiya (Japan)

A-0591 - Vein sheathing for sensory nerve problems in the upper limb. *Rajive Jose, Manish Gupta, Petros Mikaleff (UK)*

A-0595 - Ulna shortening using Trimed® system: outcome review. *Sebastián von Unger, Luis Miguel Castro, Nicolás Thumm, Alfonso Perez, Gonzalo Rojas (Chile)*

A-0596 - The «open book» flap. *Armelie Breton, Thomas Jager, Gilles Dautel (France)*

A-0601 - Suture anchors in the treatment of the ulnar collateral ligament of the metacarpophalangeal joint of the thumb: 23 case series. *Ioannis Antoniou, Marianthi Papanagiotou, Zoe Dailiana, Vasileios Kontogeorgakos, Konstantinos Malizos, Socrates Varitimidis (Greece)*

A-0607 - A new ethical frontier Hand transplant surgery.

Mohammad Nassimzadeh, Abdul Karim Nassimzadeh, Dominic Power (UK)

A-0608 - Nonoperative treatment for Dupuytren's contracture by collagenase Clostridium histolyticum. Firsts results and socioeconomic effects. *Bernard Lallemand, Thomas Jager, Christophe Camps, Andrea Falcone, Michel Merle (Luxembourg)*

A-0609 - Hyperbaric oxygen therapy in the treatment of diabetic hand. *Ahmet Kaya, Figen Aydin, Mustafa Incesu, Ahmet Savran, Volkan Tasdemir (Turkey)*

A-0612 - distal lunate decompression in treatment of kienbock disease, is it stage dependant. *Ali Ibrahim, Mohamed Nabil, Ahmed Naeem Atiyya, Amr Nabil (Egypt)*

A-0613 - A Prospective, Randomized Controlled Study To Determine The Radiological And Functional Outcomes Of IMN Fixation Of Distal Radius Fractures Using A Novel Device The Sonoma Wrx Distal Radius Nail Compared To Volar Locking Plate. *Ajmal Ikram, Mark Van Der Kaag (South Africa)*

A-0617 - The seasonal feature of the mycobacterium marinum tenosynovitis of the hand in Japan. *Akira Hara, Yoshimasa Tomita, Koichi Kusunose, Satoshi Ichihara, Toshiya Kudo, Yasuhiro Yamamoto (Japan)*

A-0621 - Surgical treatment of failed ulnar nerve decompression at the elbow: results of 38 cases.

Guillaume Bacle, Joseph Fournier, Jacky Laulan (France)

A-0622 - Free vascularised medial femoral condyle osteochondral autograft: Reconstruction of the proximal scaphoid and development of future applications. *Petros Mikalef, Anuj Mishra, Manish Gupta, Simon Tan, Dominic Power (UK)*

A-0626 - CMI pyrocarbon implant in secondary repair of total trapezometacarpal arthroplasty failure. *Jean Louis Boyet, Abdel Moujoud Morchikh, Hugues Tremdji (France)*

A-0627 - Mycotic cyst: an easily misdiagnosed soft tissue tumour of the hand in an immunocompetent patient. *Guillaume Bacle, Guillaume Desoubreux, Jacky Laulan, Philippe Rosset, Louis Bernard (France)*

A-0630 - Treatment of the buttonhole deformity by shortening and direct repair of the central slip. *SooJoong Choi, BongCheol Kwon, YongBeom Lee (South Korea)*

A-0633 - Audit of hand X-ray Adequacy: Are you happy with your xray? *Hussein Taki, Mohammed Nassimzadeh, Zeeshan Ahmed, Rajive Jose (UK)*

A-0636 - Distal phalanx replantation of the 5th finger via cross-digital artery anastomosis in a child: A case report. *Selim Turkkan, Arsen Arsenhishvili, Nuray Can, Tolga Ege, Yalcin Kulahci, Mustafa Kurklu (Turkey)*

A-0637 - High ulnar nerve lesions reconstruction by nerve transfer of anterior interosseus nerve to deep motor branch of ulnar nerve. *Margarita Kateva, Kalin Angelov (Bulgaria)*

A-0641 - Superficial Acral Fibromyxoma: a case report.

Juan Carlos Sanz Sanchez, Julian Del Rio Hortelano, Antonio Dudley Porras, Lucia Madero de la Fuente, Alfonso Ascension Diaz (Spain)

A-0642 - Is radiotherapy beneficial in the treatment of recurrent pigmented villonodular synovitis?

Michelle Collins, Vikram Devaraj, Anne Hong (UK)

A-0649 - Down regulation of collagen synthesis and matrix metalloproteinase expression in myofibroblasts from Dupuytren nodule using adenovirus-mediated relaxin gene therapy.

Yun-Rak Choi, Young-Mi Kang, Seoung-Hwan Moon, Ho-Jung Kang, Il-Hyun Koh, Ji-Sub Kim, Young-Chang Park, Kwang-Min Song (South Korea)

A-0650 - Wrist Arthrodesis - Treatment of Mechanical and Septic Failure of Total Wrist Arthroplasty.

Zdenek Vadicka, Jiri Stehlik, Jan Pech, David Veigl (Czech Republic)

A-0665 - The average radio-carpal joint. A pilot study in the development of radio-carpal osteoarthritis. *B. van der Ende, N.M.C. Mathijssen, M.R.J. ten Broek, R.H.M. Goossens, G.J. Kleinrensink, G.A. Kraan (Netherlands)*

A-0666 - Replantation of amputated thumbs with arterialization of the venous network. *Tomas Kubek, Igor Stupka, Jiri Vesely (Czech Republic)*

A-0672 - Anatomy, evolution, and clinic of flexor carpi radialis brevis vel profundus muscle. *Martin Langer, Britta Wieskötter, Simon Oeckepöhler, Eva Lötters (Germany)*

A-0675 - The hand in the mitt. *Benjamin Sommier, Elias Sawaya, Philippe Pelissier (France)*

A-0679 - High voltage electrical stimulation on viability of myocutaneous flap in rats. *Lais Mara Siqueira das Neves, Fernanda Luiza de Almeida Albuquerque, Alexandre Marcio Marcolino, João Eduardo de Araújo, Carlos Eduardo Pinfildi, Elaine Caldeira de Oliveira Guirro (Brazil)*

A-0681 - Epithelioid hemangioendothelioma in the hand. A case report. *Juan Carlos Sanz Sanchez, Lucia Madero De la fuente, Antonio Dudley Porras, Julian Del Rio Hortelano (Spain)*

A-0682 - Iatrogenic Nerve Injury in Regional Block for Upper Limb Surgery. *Justin Chatterjee, Mark Leonard, Antoinette Jenkins, Dominic Power, Simon Tan (UK)*

A-0683 - The Maltese cross structural tri-cortical iliac graft in the treatment of scaphoid non-union. A highly technical yet efficient technique. *Dimitri Giannikas, Amirouche Dahmam, Martine Dury, Etienne Rapp, Nicolaos Giannikas (France)*

A-0684 - Flexor Pollicis Longus Attrition Rupture: Direct Repair yields a good outcome. A presentation of 5 cases.

Lotte Priess Larsen, Poul Verner Madsen (Denmark)

A-0685 - Myxoid liposarcoma in forearm. *Audrey Michot, Eberhard Stoekle (France)*

A-0691 - The Birmingham Rehabilitation Protocol for Motor Nerve Transfer Surgery. *Caroline Miller, Catherine Cooke, Nicola Birch, Anuj Mishra, Simon Tan, Dominic Power (UK)*

A-0695 - Fibrin glue augmented microvascular anastomosis: experience in 48 free flaps. *Álvaro Baik Cho, Renata Gregorio Paulos, André Araújo Ribeiro, Marina Tomasini Carrara, Teng Hsiang Wei, Marcelo Rosa de Rezende, Rames Mattar Júnior (Brazil)*

A-0697 - Unusual dorsal approach of the wrist.

Grégoire Ciais, Thomas Waltenegger, Catalina Parot, Caroline Leclercq (France)

A-0698 - Conditions of use of antibiotics in the surgical treatment of septic arthritis PIP. *Benoît Pedetour, Yannick Vincelet, Jérémie Chevrollier, François Dap, Gilles Dautel (France)*

A-0703 - Management and treatment of patient with upper limb complex regional pain syndrome.

Michelle Collins, Jacqueline Rees-Lee, Andrew Watts (UK)

A-0711 - Management of high pressure injuries.

Davide Smarrelli, Michele Giani, Rose Annette Luciano (Italy)

A-0712 - Evaluation of blood circulation in a upper limb woman in post-operative of breast cancer submitted to the manual lymph drainage: case study. *Raquel Michelini Guererio, Lais Mara Siqueira das Neves, Thaís Montezuma, Maíra Mara de Oliveira Lima Leite Vaz, Elaine Caldeira de Oliveira Guirro (Brazil)*

A-0716 - Use of Fabricated Volar Hook Plates for Unstable Proximal Interphalangeal Joint Dorsal Fracture-Dislocations. *Petros Mikalef, Simon Tan, Anuj Mishra (UK)*

A-0721 - Results of Combined Herbert Screw Fixation and Pedicled Vascularized Bone Grafting From Dorsal Distal Radius for Management of Scaphoid Non-union. *Muhammad Quolquela (Egypt)*

A-0722 - The treatment and outcomes of supracondylar elbow fractures in children. Our experience. *Antonia Barmptsioti, Dimos Voutsas, Dimitris Zedamadis, Georgios Kiziridis, Christos Bogiatzis, Athanasios Hatzigiannakis (Greece)*

A-0724 - Monitoring outcomes from Suzuki frame fixation of Intra-Articular PIPJ fractures using a Prospective Real-Time Hand Fracture Database. *Adam Farrier, Devvrat Katechia, Angela Sollars, Megan Newton, Susan Stevenson, Anna Barnard, Sahar Rannan-Eliya (UK)*

A-0726 - Do we need a two-phase rehabilitation program for flexor tendon surgery? The biomechanics of the second phase with OPED VACOHAND FLEX. *Martin Langer, Eva Lötters, Carsten Surke, Britta Wieskötter, Simon Oeckepöhler (Germany)*

A-0732 - Incidence of re-operation in distal radius fractures treated with volar locking plates A UK experience.

S Bitar, M Wasimi, T Markey, Z Naqvi (UK)

A-0733 - Arthrodesis of the distal interphalangeal joints and interphalangeal joint of the thumb with an intramedullary nail. *Jean-Luc Roux, Samer Ibrahim, Gero Meyer Zu Reckendorf, Jean-Claude Rouzaud, Yves Allieu (France)*

A-0737 - Surgical treatment outcomes of iatrogenic injury of the median nerve at the wrist and forearm.

Seong-Ho Jeong, Eun-Sang Dhong, Seung-Kyu Han, Woo-Kyung Kim (South Korea)

A-0745 - Using negative pressure wound therapy for preliminary treatment of severely traumatized hand. *Mihaela Mastacaneanu, Zorin Crai-niceanu, Vlad Bloanca, Alexandra Tudosa, Godwin Nwachukwu, Tiberiu Bratu (Romania)*

A-0750 - Arthroscopic Arthrolysis and local Tenolysis after Plate fixation of intrarticular Distal Radius Fracture.

Markus Gabl, Rohit Arora, Gernot Schmid, Stefanie Erhart (Austria)

A-0751 - A review of troubled replantations.

Dawn S Chia, Vincent S Tay (Singapore)

A-0752 - Is There a Role for Bone Grafting in Severely Commi-nuted Distal Radius Fractures Treated With Locking Plate Fixation? *Dawn S Chia, Winston YC Chew (Singapore)*

A-0753 - Giant lipomas of the hand. *Ahmet Kaya, Mustafa Incesu, Mert Kumbacı, Ahmet Savran, Volkan Tasdemir (Turkey)*

A-0754 - Four Corner Arthrodesis Using a Funnel Shaped Plate Allowing Multi-planar Fixation. *Arnold Peter Weiss, Amy Ladd (USA)*

A-0762 - Spontaneous anterior interosseous nerve syndrome: clinical analysis of eleven surgical cases. *Hyoung-Min Kim, Seok-Whan Song, Yang-Guk Chung, Youn-Tae Roh, Il-Jung Park (South Korea)*

A-0763 - Trigger wrist caused by multiple etiologies. *Il-Jung Park, Seung-Koo Rhee, Yoon-Min Lee, Hyoung-Min Kim, Seok-Whan Song (South Korea)*

A-0764 - Dorsal plate fixation for dorsally displaced distal radius fractures. *Jin-Hyung Lim, Yoon-Min Lee, Hwan-Hee Lee, Ki-Tae Na (South Korea)*

A-0768 - Aneurysmal bone cyst of the proximal humerus in a child, causing diagnosis and treatment difficulties. A case report. *Ahmet Kaya, Mustafa Incesu, Ahmet Savran, Volkan Tasdemir (Turkey)*

A-0770 - Arthroscopic ligament tensioning for palmar midcarpal instability. *Andrea Atzei, Elisabet Hagert, Federica Braidotti, Riccardo Luchetti (Italy)*

A-0772 - Thumb CMCJ replacement vs. trapeziectomy results of a prospective nonrandomized consecutive case series. *Aftab Siddiqui, Manu Sood (UK)*

A-0775 - A Pilot Study of the use of Ultrasound Scan in the reduction of Distal Radial Fractures. *Fawaz al-hassani, Silviu Sabou, Philip Housden (UK)*

A-0778 - ultrasound diagnosis of tendon sheath synovial cysts of the wrist and hand. *.zhoulvskaia Irina, Magdiev Dzhamaletudin, Egiazaryan Karen, Zhezheriya Eduard, Sobalolu Adewumi (Russia)*

A-0780 - Is the use of humeral tunnel tenorquet painful? *Balázs Lenkei, Kinga Murai, Zsolt Szabó (Hungary)*

A-0785 - Cast-Treated Distal Radius Fractures: A prospective Cohort Study of Radiographic Outcomes and the Association between Impaired Bone Mineral Density and Malunion. *Elisabeth Brogren, Michal Petranek, Isam Atroschi (Sweden)*

A-0790 - Treatment of Posttraumatic Cubitus Varus With Corrective Supracondylar Humeral Osteotomies Using the Methyl Methacrylate External Fixator. *Mehmet Ali Acar, Serhat Yildirim, Mehmet Elmadağ, Hakan Senaran, Tunc Cevat Ogun (Turkey)*

A-0791 - Bone regeneration potential of allogeneic or autogeneic mesenchymal stem cells loaded onto cancellous bone granules in a rabbit radial defect model. *Soo-Hwan Kang, Yang-Guk Chung (South Korea)*

A-0793 - Multidirectional metacarpophalangeal instability in Type II and III thumb hypoplasia : incidence and treatment. *Thierry Christen, Gilles Dautel (Switzerland)*

A-0795 - Reconstruction of multiple finger tip defects using the revers flow homodigital island flaps. *Mehmet Ali Acar, Güney Yılmaz, Ali Gülec, Bahattin Kerem Aydın, Ömer Faruk Erkoçak, Yunus Guzel (Turkey)*

A-0799 - Does size difference of allogeneic cancellous bone granules effect on osteogenic potential when loaded with differentiated autologous cultured osteoblasts? *Sang-UK Lee, Yang-Guk Chung, Seok-Jung Kim, Il-Hoan Oh, Yang-Sik Kim, Sung-Hun Ju (South Korea)*

A-0800 - Ultrasonographical Findings of Flexor Tendon Thickness in Diabetic and Non-diabetic Patients with Trigger Finger. *Shang-Lin Tsai, I-Ming Jou (Taiwan)*

A-0805 - Thumb carpo-metacarpal osteoarthritis in man. *Jane C Messina, F Torretta (Italy)*

A-0806 - Evolution of internal fixation in distal radius fractures: analysis of functional results compared to first generation plates. *Jane C Messina, Agostino De Felice, Virgilio Pedrini, Ferruccio Torretta (Italy)*

A-0808 - Volar dislocation of the lunate in rheumatoid wrist: Is there a risk factor of Kienbock's disease? *Claudia Lamas, Paloma de la Dehesa, Ignacio Proubasta, Xavier Aguilera, Camila Chanes, Rocío Gabriele (Spain)*

A-0811 - Ganglion of the wrist: arthroscopic or open resection? *Robert Kemper, Eva-Maria Baur (Germany)*

A-0815 - Hirayama Disease: A diagnosis that must be kept in mind while diagnosing upper extremity nerve entrapment. *Melih Bağır, İrfan Ayan, Mehmet Colak, Serhan Sevim (Turkey)*

A-0816 - Patient experience of Botulinum Injection for Upper Limb Spasticity in Children with Cerebral Palsy using ultrasound guidance and topical local anaesthetic cream. *Ritesh Sharma, Matthew Wordsworth, Alistair Hunter, Robert Pearce, Gagan Rajeswaran, Maxim Horwitz (UK)*

A-0817 - Are K- wires good enough for S-L rupture treatment? *Robert Mulh, Franek Dolsek (Slovenia)*

A-0818 - Reconstruction of Congenital Floating Thumb. *Young Jun Kim, Duke Whan Chung, Jae Hoon Lee, Chang Min Kang (South Korea)*

A-0820 - Management of Giant cell tumor of distal radius with free vascularized proximal fibular transplantation. *Duke Whan Chung, Chang Min Kang, Jae Hoon Lee, Young Jun Kim, Eun Yaul Kim (South Korea)*

A-0823 - Refinements Of Tendon Transfers For The Shoulder In Obstetrical Palsy. *Atakan Aydın, Erol Kozanoğlu, Zeynep Hosbay Yildirim (Turkey)*

A-0826 - Intravenous pyogenic granuloma of the finger. *Dong Hee Kim, Ji Heon Lee, Byung Woo An (South Korea)*

A-0831 - The clinical outcome of the malunited scaphoid after operation of scaphoid nonunion fracture -minimum 5 years follow up-. *Kwang-Hyun Lee, Chang-Hun Lee, Hyun-Soo Park, Joo-Hak Kim, Sung Jae Kim (South Korea)*

A-0833 - The change of the ulnar variance in ulnocarpal impaction syndrome. *Kwang-Hyun Lee, Chang-Hun Lee, Hyun-Soo Park, Joo-Hak Kim, Sung Jae Kim (South Korea)*

A-0835 - Non-surgical functional treatment for displaced olecranon fractures in the elderly. *Pablo De Carli, Jorge Boretto, Gerardo Gallucci, Nicolás Piuze, Pablo Stullitel, Veronica Alfie, Agustín Donndorff (Argentina)*

A-0836 - Treatment of Distal Radial Fractures Type C with Volar Locking Plate in Patients Older than 70. *Pablo De Carli, Jorge Boretto, Gerardo Gallucci, Nicolás Piuze, Ezequiel Zaidenberg, Agustín Donndorff, Ana Ines De Carli, Ignacio Teyssandier (Argentina)*

A-0838 - Indications and Clinical Results for Removal of Volar Locking Plates for Distal Radial Fractures. *Pablo De Carli, Jorge Boretto, Gerardo Gallucci, Nicolás Piuze, Ezequiel Zaidenberg, Verónica Alfie, Ana Inés De Carli, Ignacio Teyssandier (Argentina)*

A-0839 - Non-Traumatic Surgical Upper Limb Amputations: An Epidemiological Study of Risk Factors. *Mala Satku, Jen Ming Lai, Lam Chuan Teoh (Singapore)*

A-0842 - One Step Reconstruction of first webspace and thumb in Apert-Syndrom. *Eva-Maria Baur (Germany)*

A-0844 - Is pain relief following the 4-Corner-Fusion due to PIN resection or bony procedure? *Robert Kemper, Eva-Maria Baur (Germany)*

A-0850 - Revers end to side nerve transfer for the partial injury of the ulna nerve. Our experience. *Oscar Izquierdo, Juan Castellanos, Enric Domínguez (Spain)*

A-0852 - Osteoblastoma of Hamate Bone: Case report. *Irfan Ayan, Mehmet Colak, Melih Bağır, Erdal Gedikoglu, Ebru Serinsoz (Turkey)*

A-0854 - HAPY implant: new pyrocarbon interposition arthroplasty for the MP joint of the digits. Preliminary results of 18 cases. *P. Bellemère, E. De Keating-Hart, E. Gaisne, L. Ardouin, Y. Kerjean, T. Loubersac (France)*

A-0857 - Asians and Caucasians comparative distal radii morphometry. *Irenea Ismail, S. Roohi S. W. Ahmad, Paisal Hussin, Fauziah Othman, Mohammad Azaini Ibrahim, Ranjit Gill Singh (Malaysia)*

A-0858 - Acute carpal tunnel syndrome due to thrombosed persistent median artery : case report and review of literature. *Moujoud Morchikh, Deborah Royaux, Pascal Le Guennec, Jean-Louis Bovet (France)*

A-0862 - Shunt-restricted arterialised venous flaps for soft tissue coverage of hand defects. *Y. Kadota, R. D. Farhadi, G. M. McCarten (Australia)*

A-0863 - Novel Uses of Botulinum Neurotoxin in the Management of Upper Limb Spasticity. *C. Metcalfe, S. Naji, M. Nagarajan, P. McArthur (UK)*

A-0864 - A Study of the Effect of Diaphyseal Shortening of the Humerus on the Brachial Plexus. *A. Andrzejewski, F. Mounongo, V. Feipel, M. Roaze, F. Schuind (Belgium)*

P-2 EFSHT POSTER SESSION

A-0005-Child with congenital bilateral absence off the muscles Extensor Digitorum Communis 3 and 4. *Fenke Aarsbergen, A. van Hoerigen, A.R. Koch (The Netherlands)*

A-0007-3D augmented reality mirror visual feedback applied to the treatment of persistent neuropathic pain in the upper extremity. *Dominique Mouraux, Benoît Penelle, Eric Brassine, Stéphane Sobczak, Antoine Nondercq, Turgay Tuna, Nadine Warée (Belgium)*

A-0008-Sonographic Analyses of Pulley and Flexor Tendon in Idiopathic Trigger Finger with Interphalangeal Joint Contracture. *Junko Sato, Yoshinori Ishii, Hideo Noguchi, Mitsuhiro Takeda (Japan)*

A-0010-Rehabilitation of bone fractures in the hand; the use of vibrations facilitates the early motion protocol. *D. Gerlac, F. Moutet, A. Forli, D. Corcella (France)*

A-0017-Hospitalization impairs hand functions of patients with arthritis. *Zeynep Tuna, Derya Onbulak, Deran Oskay, Rıdvan Mercan (Turkey)*

A-0018-Physical activity level does not predict the functional level of hand in patients with rheumatic diseases. *Deran Oskay, Zeynep Tuna, Songül Bağlan, Derya Onbulak, Rıdvan Mercan (Turkey)*

A-0019-The relationship between physical activity level, hand functioning and quality of life in patients receiving haemodialysis. *Deran Oskay, Zeynep Tuna, Dilan Önder, Salih İnal (Turkey)*

A-0020-Changes in range of motion, and self-reported disability one year after collagenase injection and hand therapy for patients with Dupuytren's disease. *Linda Borén, Christina Engstrand (Sweden)*

A-0021-Safety and social issues of hand function in Dupuytren Disease. *Christina Engstrand (Sweden)*

A-0022-Upper Extremity Functions Following Open Thoracotomy. *Orçın Telli Atalay, Harun Taşkın, Bilge Başakçı, Çalik, Gökhan Yüncü, Figen türk (Turkey)*

A-0025-The role of a dynamic splint in complete radial nerve lesion treatment. *Mira Baric (Slovenia)*

A-0026-Cold Hand Syndrome in Volley Ball Players. *Fanny Cam (France)*

A-0028-Early, active mobilization following zones II flexor tendon repair. *Johanna Jacobsson-Petrov (Bulgaria)*

A-0029-Functional Outcomes in Single Digit Zone II Amputations Treated With Replantation vs Revision Amputation: A Comparative Retrospective Study. *M ostafaEl-Diwany, A ndrei Odobescu, M ilène Bélanger-Douet M, Djamal Berbiche, Josée Arseneault, Alain Danino (Canada)*

A-0031-Experience with semi-occlusive dressing in fingertip injuries: a case series report. *Camila Azócar, Eugenio Luna, Rodrigo Liendo, María Jesús Valenzuela (Chile)*

A-0033-The Effect of Client Centered Based Ergotherapy Education on Activity Performance in Shoulder Tendon Transferred Obstetric Brachial Plexus Palsy. *Zeynep Hosbay Yildirim, Ela Taraka, Atakan Aydın, Arzu Raza Özdiñler, Metin Erer (Turkey)*

A-0034-Comparison The Effectiveness of Three Different Physiotherapy Methods in Treatment of Lymphedema. *Alis Kostasoglu, Ela Taraka, Enver Dayoglu (Turkey)*

A-0036-Test-retest reliability of Antonovsky's 13-item sense of coherence scale (SOC13) in patients with hand-related injuries. *Alice Ørts Hansen, Hanne Kaas Kristensen, Ragnhild I. Cederlund, Hans Tromborg (Denmark)*

A-0039-effect of kinesio taping on cutting force control during food cutting tasks. *Meng-Fen Tsai, Yu-Lin Tsai, Yuh-Ping Tsai, Yi-Hung Lin, Hsiung-Chih Chang, Chien-Ju Lin, Hsiao-Feng Chieh, Fong-Chin Su (Taiwan)*

A-0041-The functional status of patients under gone to carpal tunnel surgery. *Mehmet Yaşar Ediz, Rıza Emrah Demirbaş, Şule Badıllı Demirbaş (Turkey)*

A-0042-Fine motor skills of patients undergone carpal tunnel surgery. *Mehmet Yaşar Ediz, Rıza Emrah Demirbaş, Şule Badıllı Demirbaş (Turkey)*

A-0046-Effectiveness of physiotherapy in preventing carpal tunnel syndrome in workers. *Thierry Marc, Agnès Caubel, Claire Morana (France)*

A-0047-Prevention program of shoulder musculoskeletal disorders. *Thierry Marc, Agnès Caubel, Claire Morana (France)*

A-0048-Cross-cultural adaption of The Children's Hand-use Experience Questionnaire (CHEQ) into Norwegian. *Anne Birgit Stavenes, Inger Helen Bolstad, Unni Sveen, Tone Vaksvik (Norway)*

A-0054-The reliability and measurement error of protractor based goniometry in the fingers: a systematic review. *Yara van Kooij, Alexandra Fink, Ria Nijhuis-van der Sanden, Caroline Speksnijder (The Netherlands)*

A-0056-Review remote digital tenolysis. *Armelle Cottant, Julie Thouvenin, François Moutet (France)*

A-0057-Rehabilitation of a total hand replantation: functional result with 3 year follow-up. *Arne Decramer, Veerle Degryse, Jan Noyez (Belgium)*

A-0058-The value of a prospective multi-disciplinary centralised database in the analysis of functional and operational data to impact current therapy and operational practice. *Angela Sollars, Megan Newton, Devrat Katechia, Ben Strong, Anna Barnard, Sahan Rannan-Eliya (UK)*

A-0060-Comparison of two dynamic splinting regimens for extensor tendon repairs in zones V to VII. *Kitis A, Özcan RH, Aydın O (Turkey)*

A-0061-Functional results of surgical stabilization of metacarpal fractures of the hand. *Kitis A, Buker N, Baskan V, Ok N, Demirkan AF (Turkey)*

A-0062-Comparison of functional outcome of conservative and surgical treatment of distal radius fractures in adults. *Kitis A, Buker N, Gokalp O, Yorukoglu C, Demirkan AF, Eraslan U (Turkey)*

A-0063-Results of Early Rehabilitation of Radial Head Prosthesis. *Buker N, Kitis A, Gokalp O, Baskan V, Demirkan AF (Turkey)*

A-0066-The evaluation of forearm muscles strength and bone mineral density of archers. *Zekiye Nisa Özberk, Özlem Öner Coşkun, Sabire Akın, Hayri Ertan, Feza Korkusuz (Turkey)*

A-0068-Key-points in hand therapy after open carpal tunnel surgery. *Dinu Dumitrascu, Ileana Matei, Octavian Olariu, Al V Georgescu (Romania)*

A-0070-What we know and what we should know about Plaster of Paris use in hand therapy. *Octavian D Olariu, Irina M Capota, Matei Ileana, Ardelean Filip, Alexandru V Georgescu (Romania)*

A-0071-Brunelli "pull-over" technique in flexor tendons repair in zones II and III: How much is enough in early active mobilization post-flexor tendon. *Octavian D Olariu, Irina M Capota, Matei Ileana, Ardelean Filip, Alexandru V Georgescu (Romania)*

A-0075-Shoulder Injuries in swimmers. The perception of national championship level athletes. *Michael Seferiades, Marios Papagianopoulos, Athanasios Koutsouradis, Georgia Petta (Greece)*

A-0076-Comparison between volar and dorsal static orthoses in motor unit recruitment of fingers flexor muscle grip strength by semg. *Alexandre Marcio Marcolino, Naiara Tais Leonardi, Fernando Colombari, Rafael Inacio Barbosa, Laís Mara Siqueira das Neves, Flavia PFM Ricci, Guilherme Taminini, Rinaldo Roberto Guirro, Valéria Elui, Nikton Mazzer, Marisa de Cássia Registro Fonseca (Brazil)*

A-0078-Therapeutic effects of mobilization with movement manual therapy technique on lateral epicondylitis rehabilitation. *Alexandre Marcio Marcolino, Bruna Gabriela Oliveira, Aline A Alexandre, Guilherme Corsatto, Rafael Inacio Barbosa, Laís Mara Siqueira das Neves, Marisa de Cássia Registro Fonseca (Brazil)*

A-0080-Greek Hand Therapy Society 25 years history. *Georgia Petta, Glykeria Gounaropoulou, Maria Andriopoulou, Christina Noula, Anna Xaroutsas, Terpsi Intzioti, Dimitris (Greece)*

A-0081-Incidence and characteristics of injuries from burns to the hands. *Elaine Caldeira de Oliveira Guirro, Marisa de Cássia Registro Fonseca, Adriana da Costa Gonçalves, Jayme Adriano Farina Júnior (Brazil)*

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NETWORKING PROGRAMME

Opening Ceremony Wine & Cheese Discovery

Wednesday 18 June 2014
18 : 00 > 21 : 00

We will welcome you in the exhibition area at the Palais des Congres



Congress Dinner Le Paquebot

Friday 20 June 2014
19 : 30 > 01 : 00

Departure from & return to the Port de Javel Haut



NOTES



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VISIT OUR SYMPOSIUM IN ROOM 241 ON 19 MAY AT 12:30 to share your experience about high-energy injuries of the wrist.



FESSH

June 18th - 21st 2014, Paris, France

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Integra® Freedom Wrist System launch:
Meet the expert R. Bindra MD FRCS.
June, 20th from 12.30pm to 01.30pm - Room 224M/225M

Lancement de la prothèse de poignet Freedom :
Rencontrez l'expert Dr R. Bindra.
Vendredi 20 juin de 12.30 à 13.30 - Salle 224M/225M

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Current Concepts for Improving Nerve Repair Outcomes

Room 252AB · Thursday, June 19, 2014 · 12:30 – 13:30 pm
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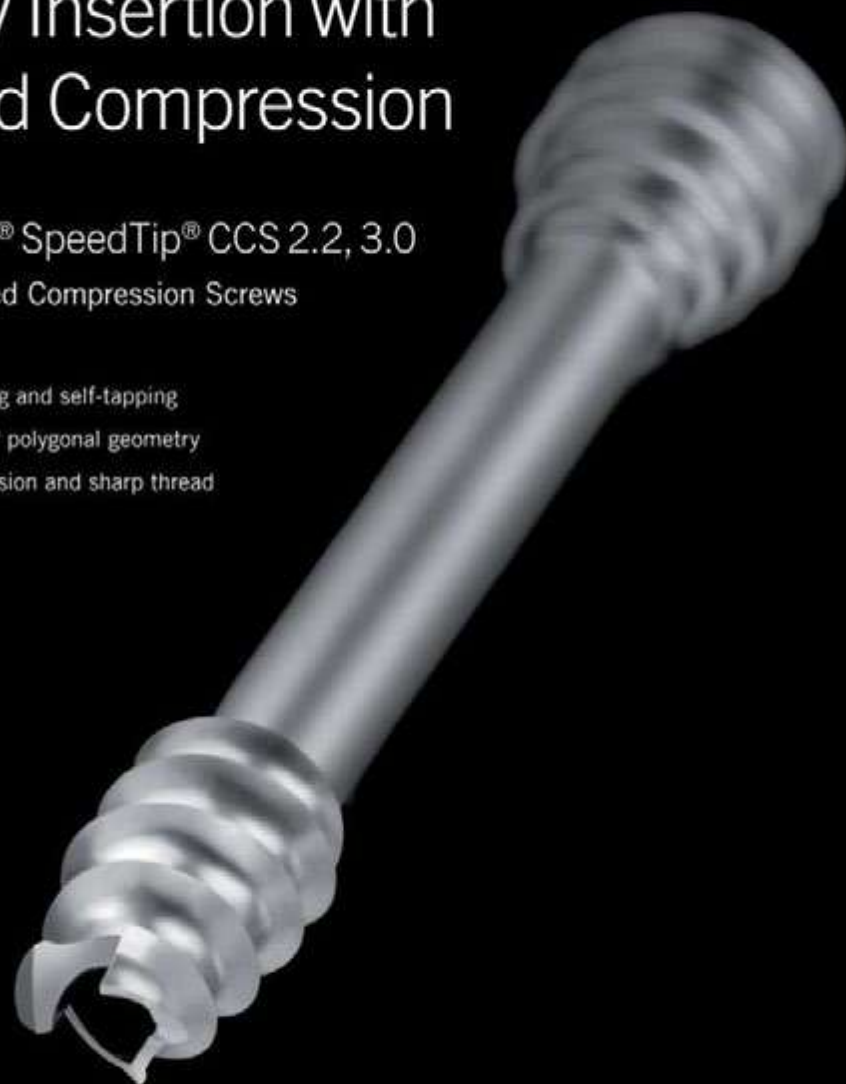
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INVITATION



Symposium

Thursday, 19th
12:30 to 01:30 PM
Room 242 A

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Lunch Workshop
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FESSH, June 20th, 2014
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