



FESSH 2024 CONGRESS

26-29 JUNE 2024 ROTTERDAM, THE NETHERLANDS

FINAL PROGRAM



FESSH

Federation of
European Societies for
Surgery of the Hand

www.fessh2024.com



FESSH

Federation of
European Societies for
Surgery of the Hand

TABLE OF CONTENT

Welcome message	4
Congress committees	5
Floor plan	6
General information	10
Congress application	12
Social events	13
Travel information	14
Business and Society meetings	15
Scientific Programme – Wednesday, 26 June	16
Scientific Programme – Thursday, 27 June	19
Scientific Programme – Friday, 28 June	61
Scientific Programme – Saturday, 29 June	131
E-Posters	157
Sponsors and exhibitors	189
Exhibition floorplan	191
Industry sponsored programmes	193

WELCOME MESSAGE



Dear Colleagues,

We are very pleased to invite you to attend the 2024 FESSH meeting in Rotterdam, The Netherlands. Due to the Covid pandemic, we had to change the meeting in 2021 to an online meeting only. Fortunately in 2024, we are very happy to host the FESSH congress which will have lots of opportunities for both educational exchange as well as social interaction with colleagues and friends.



With our experience of organizing in 2021, we will put together a fantastic program. The program includes multiple parallel sessions to offer as much educational content as possible for everyone's interest. Together with the Journal of Hand Surgery European volume, we will offer several sessions, for example on for best cited and most downloaded papers, how to write best a paper, statistics and more research related sessions. Also, the program will have several instructional courses, case discussion, workshops and the traditional EWAS session. Even live surgery sessions in the Cad lab will be included.

As the theme of the meeting is peripheral nerve surgery, we will focus on all aspects of nerve surgery ranging, from brachial plexus to neuropathic pain

The social program includes the FESSH Party on very trendy location in Rotterdam.

In closing, we are looking forward to welcoming you to Rotterdam in June 2024. The venue location is in a vibrant city with great cuisine, exquisite art and Europe largest harbor with an impressive skyline.

It promises to be a fantastic program that will only get better with your input as participants!

Come to join us, to innervate and excite!

Warm greetings,

Brigitte van der Heijden & J. Henk Coert

Presidents FESSH 2024

CONGRESS COMMITTEES

ORGANIZING COMMITTEE

President: Brigitte van der Heijden (NL)

President: J. Henk Coert (NL)

Johan Vehof (NL)

Mick Kreulen (NL)

Krisztina Szigedi (HU)

Nandor Matrai (HU)

SCIENTIFIC COMMITTEE

Chairman: Piotr Czarnecki (PL)

Frederik Verstrecken (BE)

Jan Debeij (NL)

Gürsel Leblebicioğlu (TR)

Daniel Herren (CH)

Niels Schep (NL)

Zaf Naqui (GB)

Simon Farnebo (SE)

Philippe Liverneaux (FR)

Pierluigi Tos (IT)

Luria Shai (IL)

Radek Kebrle (CZ)

Ana Pinto (PT)

Alex Lluch (ES)

Leila Harhaus (DE)

Erik Walbeehm (NL)

Kim Casañas (ES)

Ole Reigstad (NO)

Anne Vochtelo (NL)

Ilse Degreef (BE)

Balazs Lenkei (HU)

FESSH-JHS(E) SPECIAL ISSUE

Editors:

J. Henk Coert (NL)

Pierluigi Tos (IT)

Tim Hems (GB)

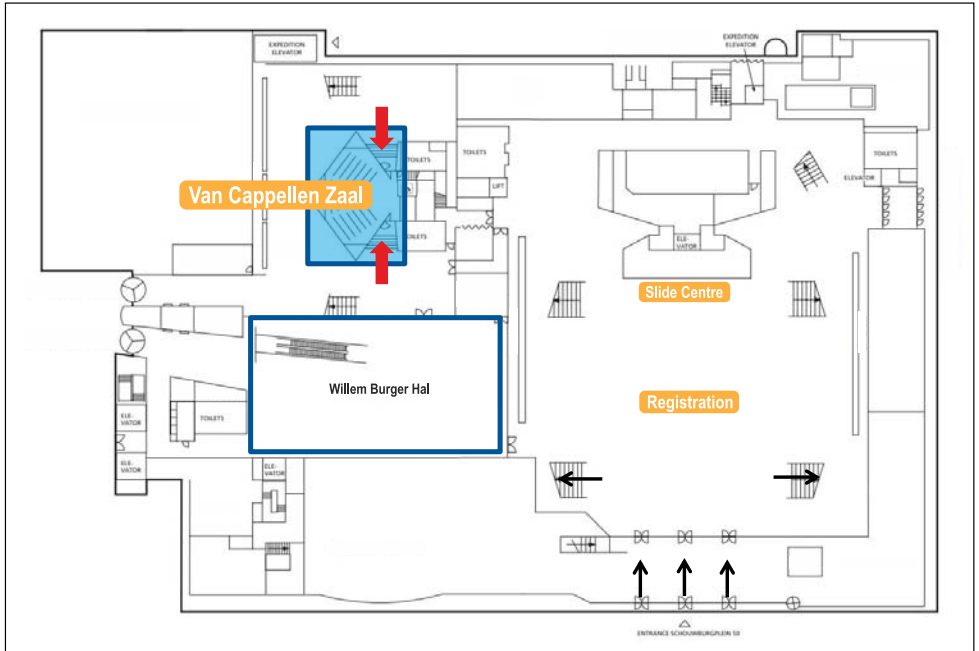
Brigitte van der Heijden (NL)

Wee Lam (GB, Singapore)

Jane McEachan (GB)

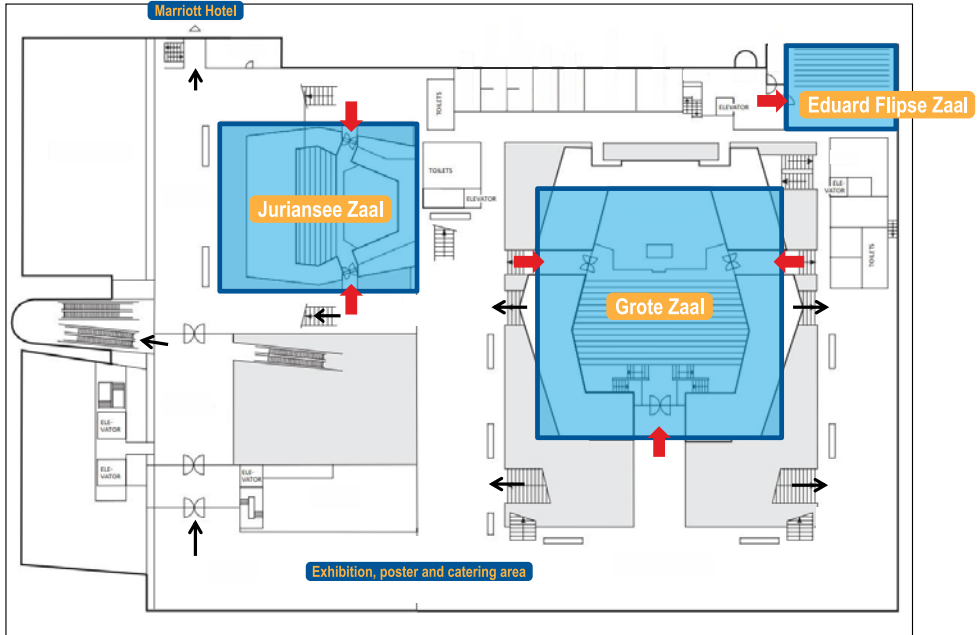
FLOOR PLAN

GROUND FLOOR



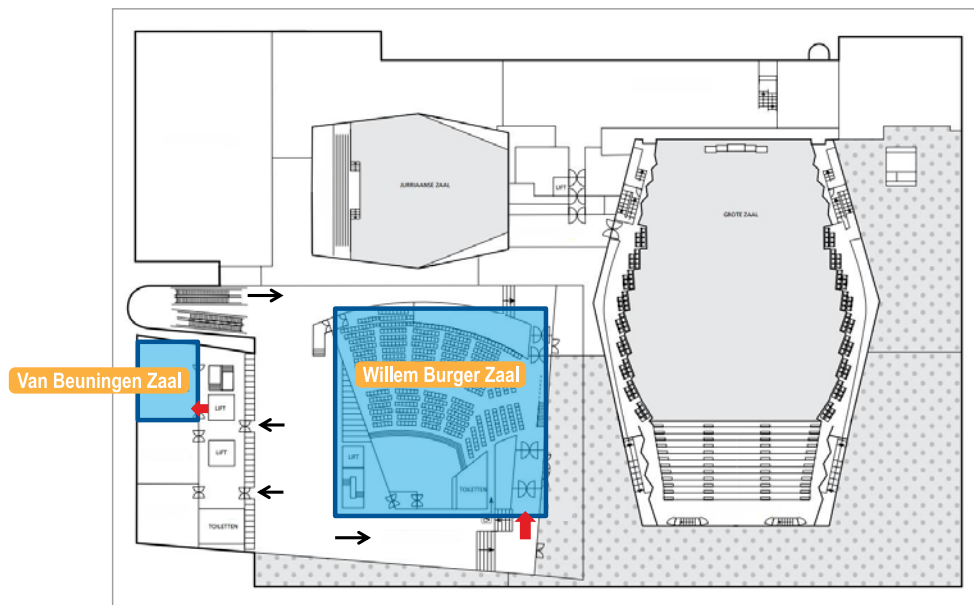
FLOOR PLAN

FIRST FLOOR



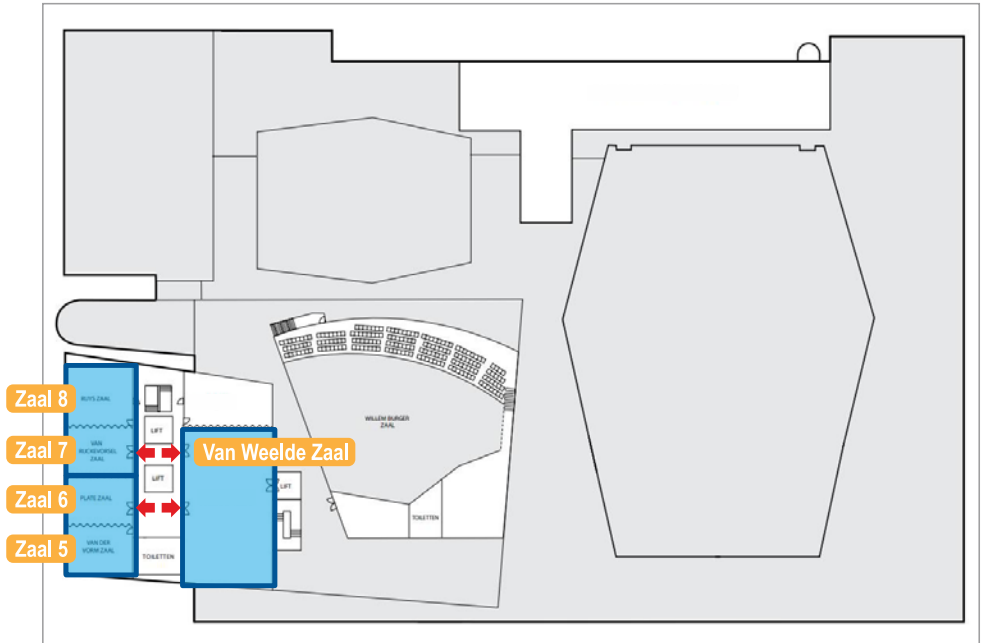
FLOOR PLAN

3RD FLOOR



FLOOR PLAN

4TH FLOOR



GENERAL INFORMATION

DATE

26-29 June 2024

CONGRESS VENUE

[De Doelen ICC](#)

Schouwburgplein 50

3012 CL Rotterdam, The Netherlands

CONGRESS WEBSITE

www.fessh2024.com



OPENING HOURS

Registration and slide centre

Wednesday, 26 June 12:00 – 20:00

Thursday, 27 June 07:30 – 18:00

Friday, 28 June 07:30 – 18:00

Saturday, 29 June 07:30 – 12:30

Exhibition

Wednesday, 26 June 16:00-20:00

Thursday, 27 June 07:30-16:00

Friday, 28 June 07:30-16:00

Saturday, 29 June 07:30-13:00

BADGE

A name badge is provided upon your arrival at the congress venue. This individual badge is your entrance ticket to the congress center and all scientific sessions. For security and regulation purposes, the wearing of the badge is compulsory at all times inside the venue.

OFFICIAL LANGUAGE

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

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be sent to participants after the event via e-mail. The completion of the online survey is mandatory for receipt of the certificate.

CME ACCREDITATION

The 2024 FESSH Congress, Rotterdam, Netherlands 26/06/2024 - 29/06/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 22.0 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

LUNCH

On 27 June Thursday and 28 June Friday lunch will be served for delegates at the congress venue.

SLIDE CENTER

Even if the presentation was uploaded in advance, presenters are asked to double check it onsite, at the Slide Center. To ensure the smoothest possible running of all presentations, presenters are kindly requested to attend the Slide Center as indicated hereafter:

- 2 hours prior to session: standard presentations,
- 3 hours prior to session: presentations with animations, transactions and graphics, presentations with movie files,
- 6 hours prior to session: presentations with non-standard movie files

SPEAKER INFORMATION

All speakers are requested to take a seat in the front row.

Using your own computer is not allowed. Instead, your presentation will be sent directly to the lecture room and a technician will start your presentation for you.

POSTERS

Posters will be available as e-posters only and no paper posters will be displayed during the congress. Displays will be made available in the „E-Poster area“ for browsing throughout the congress.

CONGRESS SECRETARIAT

Asszisztencia Congress Bureau

Szent Istvan krt 7, H-1055 Budapest, Hungary

Email: registration@fessh2024.com

CONGRESS APPLICATION

The Congress Application is provided by FESSH. Download the app from the indicated stores or scan the QR code below.



Search the programme, create personal itinerary and set alerts not to miss the most important lectures.

Ask the presenters through the app in section view.
Read abstracts, make notes and rate sections.



SOCIAL MEDIA

Organizers encourage the use of social media, such as Twitter, Facebook, LinkedIn, Instagram and other social media platforms. Please share your experiences using the official hashtag:
[#fesshhandsinrotterdam](#)

SOCIAL EVENTS

OPENING CEREMONY & WELCOME RECEPTION

WEDNESDAY, 26 JUNE 2024 | 17:30 – 18:30 | 18:30-20:00

De Doelen (Congress venue: Schouwburgplein 50, 3012 CL Rotterdam)

Meet friends and make new acquaintances before the Congress program begins. The Organising Committee is delighted to invite you to connect with hand surgeons and therapists from across the globe at the Opening Ceremony of the Congress. The Opening will take place after the Wednesday Educational afternoon, followed by a Welcome reception.

Participation is included in the registration fee. For accompanying persons the ticket is 85 EUR.



CONGRESS PARTY

FRIDAY, 28 JUNE 2024 | 19:00–01:00

Stadshaven Brouwerij (Galileistraat 24, 3029 AM Rotterdam)

Savor the evening and dance the night away at a unique waterfront gastropub! Stadshaven Brouwerij provides a special combination of brewery, hospitality and experience. Join us and create cherished memories!

Since opening in 2021, this place is the second largest independent brewery in the Netherlands. In the 100-year-old, fully restored fruit warehouse of more than 5,000 m², they annually brew almost 2 million litres of craft beer. This brand new and state of the art brewery offers a setting you won't find anywhere else, a bold combination of a trendy interior and an industrial setting. Nothing beats an event amongst the kettles brewing the beers you are currently enjoying.



This program is an optional social event and it is not part of the registration fee. Tickets are available for 75 EUR. If you have already registered for the congress, but not the party, you can order a ticket via email.

TRAVEL INFORMATION

TO THE CONGRESS VENUE

De Doelen is located in the very heart of Rotterdam, a short walk (400m) from the Central Station. Almost all buses, trams and metro's arrive here. Please check the local transport facilities: <https://en.rotterdam.info/visitors-info/in-rotterdam/>

For planning you route: <https://9292.nl/>

Parking: An affordable way to park is at one of the P+R areas in Rotterdam. You can park your vehicle or motorcycle there and continue your journey by public transport. Here you can find an overview of P+R areas in Rotterdam: <https://www.rotterdam.nl/pr-terreinen>

TO THE CONGRESS PARTY FROM THE CONGRESS VENUE

Tram: from Kruisplan to Marconiplein (Tram 23) or to Het Witte Drop (Tram 24) -30 min.

Subway: Metro A, B, C from Eendrachtsplein to Marconiplein - 30 min.

For planning you route: <https://9292.nl/>

For taxi: <https://www.rotterdam.nl/taxivervoer>

BUSINESS AND SOCIETY MEETINGS

FESSH ExCom Meeting

25 June 2024, Tuesday

9:00-13:00

Verhagen Dakfoyer

FESSH Council Meeting

26 June 2024, Wednesday

9:00 – 13:00

Verhagen Dakfoyer

FESSH Delegates' Assembly

27 June, 2024, Thursday

16:00 – 18:00

Jurriaanse Zaal

EFSSH Council Meeting

25-26 June 2024, Tuesday & Wednesday

Hudig Zaal (Zaal 2)

IFSSH ExCo Meeting

26 June 2024, Wednesday

Van der Vorm + Plate Zaal (Zaalen 5-6)

IFSSH Delegates' Council Meeting

27 June 2024, Thursday

12:30 – 14:00

Willem Burger Hal

JHS CoM and Editorial Board Meetings

27 June 2024, Thursday

13:00 – 14:30 CoM

14:30 – 15:30 Editorial Board

Schadee Zaal (Zaal 3)

EWAS General Assembly

28 June 2024, Friday

12:00 – 13:30

Van Beuningen Zaal (Zaal 4)

WEDNESDAY, 26 JUNE 2024

GROTE ZAAL	
13:30 - 15:00	Educational afternoon Part 1
15:00 - 15:30	Coffee break
15:30 - 17:00	Educational afternoon Part 2
17:30 - 18:30	Opening ceremony
18:30 - 20:00	Welcome reception

Wednesday, 26 June 2024

	ROOM GROTE ZAAL
13:30-15:00	S001 EDUCATIONAL AFTERNOON PART 1
	Chairs: Enrico Carita (Italy), Leila Harhaus (Germany)
A-1266	TFCC INJURIES - DIAGNOSTIC ALGORITHM AND TREATMENT OPTIONS Jan Ragnar Haugstvedt, Radek Kebrle <i>Norway, Czech Republic</i> 30 min
A-1267	DISTAL RADIUS MALUNIONS - WHEN AND HOW TO CORRECT Niels Schep, Frederik Verstreken <i>The Netherlands, Belgium</i> 30 min
A-1268	HAND INFECTIONS - ANTIBIOTICS, DEBRIDEMENT OR BOTH Christian Dumontier, Nick Riley <i>France, UK</i> 30 min

Wednesday, 26 June 2024

	ROOM GROTE ZAAL
15:30-17:00	S002 EDUCATIONAL AFTERNOON PART 2
	Chairs: Enrico Carita (Italy), Piotr Czarnecki (Poland)
A-1269	SNAC WRIST: DIAGNOSIS AND TREATMENT ALGORITHM Sandra Pfanner, Gernot Schmidle <i>Italy, Austria</i> 30 min
A-1270	RECURRENT DUPUYTEN'S DISEASE - HOW TO SELECT APPROPRIATE PROCEDURE Ilse Degreeef, Paul Werker <i>Belgium, The Netherlands</i> 30 min
A-1271	PEDIATRIC FRACTURES OF THE HAND AND WRIST - OPERATIVE VS NONOPERATIVE TREATMENT Nunzio Catena, Emily West <i>Italy, UK</i> 30 min

Wednesday, 26 June 2024

	ROOM GROTE ZAAL
17:30-18:30	S007 OPENING CEREMONY
	Chair: Piotr Czarnecki
A-1419	WELCOME ADDRESS BY THE CHAIR OF ORGANISING COMMITTEE Henk Coert <i>The Netherlands</i> 5 min

- A-1420** NVVH PRESIDENTIAL ADDRESS
Mick Kreulen | *The Netherlands*
5 min
- A-1421** WELCOME ADDRESS BY THE FESSH SECRETARY GENERAL
Brigitte van der Heijden | *The Netherlands*
5 min
- A-1422** FESSH GIANTS CEREMONY
Zaf Naqui | *UK*
15 min

THURSDAY | 11 MAY

	GROTE ZAAL	WILLEM BURGER ZAAL	JURRIAANSE ZAAL	VAN WEELDE ZAAL
08:00 - 09:00	Compression neuropathies 1	FESSH research/ shark tank/grants	Trauma	FESSH - JHS(e) Special Issue
09:00 - 10:00	Coffee break			
10:00 - 10:30	Coffee break			
10:30 - 11:30	Distal Radius fractures and concomitant ligament injuries	Controversies in Dupuytren treatment	Artificial intelligence in hand surgery	The FESSH/JHSe Session with Most Cited Papers and Top Papers (Best Paper Award)
11:30 - 12:30	Complications of DRF ORIF	Rheumatoid Arthritis session: European and Japanese perspective of rheumatoid arthritis surgery	Advancing knowledge of wrist kinematics by dynamic imaging	
12:30 - 13:45	Lunch break / Lunch symposia			
13:45 - 15:30	3D in hand surgery	Hand Surgery in Mass Casualties	Arthroscopic management of thumb carpometacarpal joint arthritis	Digit replantation and reconstruction, practical approach with tip and tricks: what evolved with experience
15:30 - 16:00	Coffee break			
16:00 - 18:00	Arthritis small joints 1	Wrist arthroscopy	FESSH Delegates' Assembly	Nerve repair/reconstruction

THURSDAY, 27 JUNE 2024

	EDUARD FLIPSE ZAAL	VAN CAPPELLEN ZAAL	ZALEN 5-6	ZALEN 7-8
08:00 - 09:00	DRF	Green Hand Surgery Seminar	Tendon suture technique 1	
09:00 - 10:00		Innovation in communication		Peripheral nerves examination
10:00 - 10:30	Coffee break			
10:30 - 11:30	Hand flaps: experts' opinion on coverage and motion	Recurrent nerve compression	Green practice	
11:30 - 12:30	Current updates on fingertip and nailbed injuries and lesions	Neuroma / Neuropathic pain nerve surgery		Innovation in practice
12:30 - 13:45	Lunch break / Lunch symposia			
13:45 - 15:30	FESSH PULPe	Hand injury prevention	Fracture fixation 1	
15:30 - 16:00	Coffee break			
16:00 - 18:00	Pediatric surgery	Diagnostics and rehabilitation		The Research Journey: Getting started - Study design, levels of evidence, literature

ROOM GROTE ZAAL

08:00-10:00 S008 COMPRESSION NEUROPATHIES 1

Chairs: Jorma Ryhänen, Adeline Cambon

- A-0257** EFFECTIVENESS OF INTRAOPERATIVE LEUCOCYTE-POOR PLATELET-RICH PLASMA INSTILLATION AFTER CARPAL TUNNEL RELEASE IN PATIENTS WITH CARPAL TUNNEL SYNDROME: A DOUBLE-BLIND, RANDOMIZED CONTROLLED TRIAL
Korawish Mekariya¹, Chayaporn Chotiyarnwong², Yuwarat Monteerarat¹, Roongsak Limthongthang¹, Torpon Vathana¹, Panai Laohaprasitiporn¹ | ¹Department of Orthopaedic Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand; ²Department of Department of Rehabilitation Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
6 min
- A-0285** PERI-NEURAL LIPOGRAFTING AND NEUROLYSIS IN RECALCITRANT CARPAL TUNNEL SYNDROME RECURRENCE EFFECTIVELY TREATS SYMPTOMS AND PREVENTS RECURRENCE IN THE LONG-TERM
Olivier F.E. Gostelie¹, Ileen Domela Nieuwenhuis^{2,3}, Geraldine L. Nanninga³, Sjoerd B. Paulusma³, Joris A. van Dongen², Brigitte E.P.A. van der Heijden^{4,5}, Michiel A. Tellier⁶, J. Henk Coert², Jean Bart Jaquet³ | ¹Plastic and reconstructive surgery, Catharina Hospital, Eindhoven, the Netherlands; ²Plastic and reconstructive surgery, University Medical Centre, Utrecht, the Netherlands; ³Plastic and reconstructive surgery, Maastad Hospital, Rotterdam, the Netherlands; ⁴Plastic and reconstructive surgery, Radboudumc, Nijmegen, the Netherlands; ⁵Plastic and reconstructive surgery, Jeroen Bosch Hospital, 's Hertogenbosch, the Netherlands; ⁶Plastic and reconstructive surgery, Isala Hospital, Zwolle, the Netherlands
6 min
- A-0365** MAGNETIC RESONANCE NEUROGRAPHY FINDINGS IN PATIENTS WITH POSTERIOR INTEROSSEOUS NERVE SYNDROME
Kim Jeongkeun, Lee Jeounghun, Shim Jaewoo | Samsung Medical Center, Seoul, South Korea
6 min
- A-0414** SURGICAL ANATOMY OF THE HYPOTHENAR FAT PAD: EXPOSURE AND PRESERVATION IN OPEN CARPAL TUNNEL SURGERY
Ildelfonso Muñoz Romero, Robbert Notenboom, Martijn Malessy | Leiden University Medical Center, Netherlands
6 min
- A-0758** ULTRASOUND PATHOANATOMY OF LACERTUS SYNDROME
Alessandro Crosio¹, Lucia Verga², Alice Clemente³, Francesco Locatelli³, Martina Macri³, Mauro Magnani³, Simona Odella³, Letizia Marengi³, Fabiana Zura Puntaroni³, Pierluigi Tos³ | ¹Hand Surgery Department, City of Health and Science, Turin, Italy; ²Radiology Department, ASST Gaetano Pini – CTO, Milan, Italy; ³Hand Surgery and Reconstructive Microsurgery, ASST Gaetano Pini – CTO, Milan, Italy
6 min

- A-0120** PREVALENCE OF TRANSTHYRETIN AMYLOIDOSIS IN PATIENTS UNDERGOING CARPAL TUNNEL SURGERY: A PROSPECTIVE COHORT STUDY AND RISK FACTOR ANALYSIS
Nicolas Bigorre, Alexandre Petit | *Centre de la Main, Angers, France*
6 min
- A-0125** PROPRIOCEPTIVE DEFICITS IN WRIST MOVEMENTS FOR MILD TO MODERATE CARPAL TUNNEL SYNDROME
Haktan Ayvaz¹, Çiğdem Ayhan Kuru¹, Seda Namaldı¹, İlhami Kuru² | ¹*Hacettepe University, Faculty of Physiotherapy and Rehabilitation, Hand Rehabilitation Unit, Ankara, Turkey;* ²*Başkent University, Department of Orthopedics and Traumatology, Ankara, Turkey*
6 min
- A-0149** THE SAFETY AND COST OF REPEATED CORTICOSTEROID INJECTIONS FOR CARPAL TUNNEL SYNDROME
Tal frenkel Rutenberg^{1,2}, Nico Fang¹, Ran Rutenberg², Salman Shiraz¹, Elkin Leon Galvis¹ | ¹*Christine M. Kleinert Institute for Hand & Microsurgery, Louisville, KY, USA;* ²*Rabin Medical Center, Beilinson Hospital, affiliated to the Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel*
6 min
- A-0156** EFFECTIVENESS OF PERINEURAL NERVE BLOCK WITH LOCAL ANAESTHETIC AND DEXAMETHASONE IN PATIENTS WITH NEUROGENIC THORACIC OUTLET SYNDROME
Lucia Winkler, Christian Smolle, Andreas Fellner, Werner Girsch | *Department of Plastic, Aesthetic and Reconstructive Surgery, Department of Anaesthesia and Intensive Care, Medical University of Graz, Austria*
6 min
- A-0179** HYPOTHENAR FAT PAD FLAP IN REVISION SURGERY FOR RECURRENT CARPAL TUNNEL SYNDROME. EVALUATION OF PROCEDURE'S EFFICACY BASED ON LONG-TERM CLINICAL RESULTS
Vasileios Akrivos, Efstratios Athanselis, Nikolaos Stefanou, Antonios Koutalos, Michael Hantes, Zoe Ntailiana, Sokratis Varitimidis | *University General Hospital Larissa*
6 min
- A-0206** EVALUATION OF NUMBNESS USING NRS AND RELATED FACTORS AFTER CARPAL TUNNEL SYNDROME SURGERY
Takahiro Yamazaki, Yusuke Matsuura, Shinji Taniguchi, Ryutaro Iwasaki, Atsushi Hojo, Tatsuki Kobayashi, Kinshiro Nabeshima, Seiji Ohtori | *Department of Orthopaedic Surgery, Chiba University Graduate School of Medicine, Japan*
6 min
- A-0272** UNVEILING OUR RECENT JOURNEY IN EXPLORING OUTCOMES AND EXPERIENCES WITH LACERTUS RELEASE FOR MEDIAN NERVE SYMPTOMS
Diogo de Sousa Gaspar, José Lucena Caldeira, Rui Viegas, Rui Cró Freitas | *Hospital Beatriz Ângelo, Lisbon, Portugal*
6 min

- A-0282** REROUTED EXTENSOR POLLICIS BREVIS TRANSFER OPPONENSPLASTY USING GUYON'S CANAL AS A PULLEY
 Norihiko Sugita¹, Kazuki Kawakami¹, Youichi Miyazaki², Eiji Kaida² | ¹*Ichinomiyanishi Hospital, Aichi, Japan*; ²*Aino Memorial Hospital, Nagasaki, Japan*
 6 min

Thursday, 27 June 2024

	ROOM WILLEM BURGER ZAAL
08:00-10:00	S009 FESSH RESEARCH/SHARK TANK/GRANTS

Moderator: Leila Harhaus

SHARK TANK SESSION

- A-1395** INTRODUCTION OF THE COMPETITION
 Leila Harhaus | *Germany*
 3 min

Applicants' presentations and questions

- A-1396** SHARK TANK APPLICATION
 Andrea Moser | *Austria*
 3 min

- A-1397** SHARK TANK APPLICATION
 Silvia Pietramala | *Italy*
 3 min

- A-1398** SHARK TANK APPLICATION
 Andre Silva Alves | *Switzerland*
 3 min

- A-1423** SHARK TANK APPLICATION
 Zhi Yang Ng | *UK*
 3 min

- A-1399** SHARK TANK APPLICATION
 Susanne Rein | *Germany*
 3 min

- A-1400** SHARK TANK APPLICATION
 Gamidov Farid | *Russia*
 3 min

- A-1401** SHARK TANK APPLICATION
 Vasiliki Batsou | *Greece*
 3 min

A-1402 SHARK TANK APPLICATION
Maria May | *Italy*
3 min

A-1403 SHARK TANK APPLICATION
Xavier Gueffier | *France*
3 min

GRANT WINNER SESSION

A-1404 INTRODUCTION OF FESSH GRANTS
Leila Harhaus | *Germany*
3 min

Grant winners' presentations

A-1405 GRANT WINNER: PROMS 2024
Sándor Zoltán | *Hungary*
1 min

A-1406 GRANT WINNER: PROMS 2024
Ales Fibir | *Czech Republic*
1 min

A-1407 GRANT WINNER: PROMS 2024
Katrantsa Lamprini | *Greece*
1 min

A-1408 GRANT WINNER: PROMS 2024
Michał Górecki | *Poland*
1 min

A-1409 GRANT WINNER: PROMS 2024
Joanna Kot | *Poland*
1 min

A-1410 BASIC GRANT WINNER 2023
Marco Keller | *Switzerland*
5 min

A-1411 BASIC GRANT WINNER 2024
Vadims Nefjodovs | *Latvia*
5 min

A-1412 CLINICAL GRANT WINNER 2022
Michiel Zuidam, Mirte Langeveld | *The Netherlands*
5 min

A-1413 CLINICAL GRANT WINNER 2024
Gerald Kraan, Nina Mathijssen | *The Netherlands*
5 min

- A-1414** SHARK TANK WINNER 2023
Daniele Tosi | *Italy*
5 min
- A-1415** ANNOUNCEMENT OF THE 2023 SHARK TANK WINNERS
15 min

Thursday, 27 June 2024

	ROOM JURRIAANSE ZAAL
08:00-10:00	S010 TRAUMA

Chairs: Jan Debeij, Ariane Asmus

- A-0662** SEMI-OCCLUSIVE DRESSING FOR REPAIRING FINGERTIP SOFT TISSUE DEFECTS: A CLINICAL STUDY ON EPITHELIALIZATION RATE AND SHORT-TERM FUNCTIONAL RECOVERY
Yang Fan Zhang, Qing Zhong Chen, Jing Chen | *Affiliated Hospital of Nantong University, Nantong, China*
6 min
- A-0887** OSSEOINTEGRATED PROSTHESIS IN UPPER LIMB
May Tove Hestmo¹, Trygve Holm Glad¹, Magne Rokkum² | ¹*Oslo University Hospital, Oslo, Norway;*
²*University of Oslo, Oslo, Norway*
6 min
- A-0864** MACHINE VERSUS MAN – ARTIFICIAL INTELLIGENCE DIAGNOSTIC ACCURACY IN HAND AND WIRST FRACTURES DIAGNOSIS
Fábia Silva, Ana Isabel Morais, Ana Rita Senra, Jorge Lopes, Miguel Relvas, Luís Vieira, Mariana Ferreira, Vítor Vidinha, António Sousa | *Centro Hospitalar Universitário de São João*
6 min
- A-0975** SUCCESSFUL USE OF THE INTERNALBRACETM SYSTEM TO TREAT LESSER ARC PERILUNATE INJURIES IN 7 PATIENTS WITH A 4 YEAR CLINICAL AND RADIOLOGICAL FOLLOW UP
Yasmeen Khan*¹, Rebecca Morgan¹, Alex Bolt², Nicholas Riley¹ | *Nuffield Orthopaedic Centre, Oxford, United Kingdom¹, Pulvertaft Hand Unit, Derby, United Kingdom²*
6 min
- A-0037** TRANSFORMING LANDSCAPE OF HAND TRAUMA: AN IN-DEPTH ANALYSIS OF TRENDS AND PATTERNS OF INJURIES IN A HAND TRAUMA CENTER OF A UNIVERSITY HOSPITAL OVER 16 YEARS
Martynas Tamulevicius, Florian Bucher, Nadjib Dastagir, Peter M. Vogt, Khaled Dastagir | *Department of Plastic, Aesthetic, Hand and Reconstructive Surgery, Hannover Medical School, Hannover, Germany*
6 min
- A-0686** HIGH-PRESSURE INJECTION INJURIES TO THE HAND: A RARE BUT URGENT CONDITION
Chatzipanagiotou G., Tsoutsis N., Tetsios G., Tsiampa V., Syngouna S., Fandridis E | *Hand, Upper Limb & Microsurgery Department, KAT Hospital, Athens Greece*
6 min

- A-0600** PLIND INJURIES – 14 CASES TREATED ARTHROSCOPICALLY
Carla Ricardo Nunes^{1,2}, Raquel Teixeira^{1,3}, Catarina Pereira^{1,4}, Diogo Ramalho^{1,5,6} | ¹*Hospital Cuf Tejo, Lisboa, Portugal*; ²*Hospital Cruz Vermelha, Lisboa, Portugal*; ³*Centro Hospitalar de Lisboa Ocidental - Hospital São Francisco Xavier, Lisboa, Portugal*; ⁴*Hospital Professor Doutor Fernando Fonseca, Amadora, Portugal*; ⁵*Hospital SAMS, Lisboa, Portugal*; ⁶*Hospital de Cascais Dr. José de Almeida, Cascais, Portugal*
6 min
- A-0683** EPIDEMIOLOGY OF MULTISTRUCTURAL WRIST AND ANTIBRACHIAL INJURIES IN A TERTIARY HAND DEPARTMENT
Leivaditis D, Syngouna S, Tetsios G, Kanellos P, Giannoulis F, Fandridis E | *Hand, Upper Limb & Microsurgery Department, KAT Hospital, Athens Greece*
6 min
- A-0823** THE USE OF LOCAL FLAPS FOR THE RECONSTRUCTION OF SOFT TISSUE DEFECTS OF THE FINGERS
Vasiliki Tsiampa, Christina Chatzidaki, Aris Georgountzos, Emmanouil Fandridis | *Hand, Upper Limb, Microsurgery Clinic, KAT General Hospital of Athens, Greece*
6 min
- A-1039** OCCUPATIONAL HAND TRAUMA – MECHANISM OF INJURY AND TRANSIENT RISK FACTORS ON A NATIONAL SCALE
Nerel Cohen^{1,2}, Ronit Calderon-Margalit², Ido Volk¹, Yuval Krieger³, Viktor Feldman⁴, Uri Farkash⁵, Deena Zimmerman⁶, Asher Pardo⁷, Ornit Raz⁷, Shai Luria¹ | ¹*Department of Orthopedic Surgery, Hadassah Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel*; ²*Braun School of Public Health, Hadassah-Hebrew University, Jerusalem, Israel*; ³*Department of Plastic Surgery, Soroka University Medical Center, Ben-Gurion University of the Negev, Beer-Sheva, Israel*; ⁴*Department of Orthopedic Surgery, Meir Medical Center, Kfar Saba, Israel*; ⁵*Department of Orthopedic Surgery, Assuta Ashdod University Hospital, Ashdod, Israel*; ⁶*TEREM Emergency Care Centers, Israel*; ⁷*Israeli Institute for Occupational Safety and Hygiene, Tel Aviv, Israel*
6 min
- A-0347** ORTHOPLASTIC SURGERY OF THE SEVERE GUNSHOT AND BLAST INJURIES OF THE HAND
Andrey Aristov | *Scientific Research Institute – Ochapovsky Regional Clinic Hospital N1 Krasnodar, Russia*
6 min

Thursday, 27 June 2024

	ROOM VAN WEELE ZAAL
08:00-10:00	S011 FESSH - JHS(E) SPECIAL ISSUE

Chairs: Tim Hems, Pierluigi Tos

- A-1392** INTRODUCING THE SPECIAL ISSUE
Brigitte Van Der Heijden, Pierluigi Tos, Henk Coert | *The Netherlands, Italy*
4 min

- A-1328** UPDATES IN DIAGNOSTIC TOOLS FOR DIAGNOSING NERVE INJURY AND COMPRESSIONS
Grainne Bourke | *UK*
8 min
- A-1329** THE ROLE OF PATIENT REPORTED-OUTCOMES IN NERVE SURGERY
Maurizio Calcagni | *Switzerland*
8 min
- A-1330** CUBITAL TUNNEL REVISION SURGERY
Zoe Dailiana | *Greece*
8 min
- A-1331** CURRENT PERSPECTIVES ON PERIPHERAL NERVE REPAIR AND MANAGEMENT OF THE NERVE GAP
Pierluigi Tos | *Italy*
8 min
- A-1333** DISTAL NERVE TRANSFERS FOR PERIPHERAL NERVE INJURIES: INDICATIONS AND OUTCOMES
Mathias Sporer | *Austria*
8 min
- A-1334** ADULT TRAUMATIC BRACHIAL PLEXUS INJURIES: ADVANCES AND CURRENT UPDATES
Jean Noel Goubier | *France*
8 min
- A-1335** BRACHIAL PLEXUS BIRTH INJURY: ADVANCES AND CONTROVERSIES
Gürsel Leblebicioglu, Willem Pondaag | *Turkey, The Netherlands*
8 min
- A-1336** AN ALGORITHMIC APPROACH TO THE MANAGEMENT OF PERIPHERAL NERVE TUMOURS
Tim Hems | *UK*
8 min
- A-1337** MUSCLE PRESERVATION IN PROXIMAL NERVE INJURIES: A CURRENT UPDATE
Andrii Lysak | *Ukraine*
8 min
- A-1338** MULTIDISCIPLINARY STRATEGIES TO TREAT PAINFUL MONONEUROPATHIES IN THE UPPER EXTREMITY: FROM LABORATORY TO BEDSIDE
Henk Coert | *The Netherlands*
8 min
- A-1339** TRENDS AND INSIGHTS REVIEW. NERVE PROCEDURES IN THE MANAGEMENT OF UPPER LIMB SPASTICITY
Caroline Leclercq | *France*
8 min
- Discussion**
20 min

	ROOM EDUARD FLIPSE ZAAL
08:00-10:00	S044 DRF

Chairs: Martin Czinner, Martin Richter

- A-0210** EFFICACY OF OPERATIVE FIXATION FOR COMMUNUTED DISTAL RADIAL FRACTURES IN THE ELDERLY PATIENTS AGED 75 AND ABOVE
 Jae-Min Lee, Ji-su Park, Jin-Rok Oh | *Department of Orthopaedic Surgery, Wonju Severance Christian Hospital, Wonju, South Korea*
 6 min
- A-0048** IS IT NECESSARY TO FIX BASAL FRACTURES OF THE ULNAR STYLOID AFTER ANTERIOR-PLATE FIXATION OF DISTAL RADIUS FRACTURES?
 Ahmed Affi, Ayman Mansour | *Hand, Upper Limb, and Microsurgery Unit, Department of Orthopedic Surgery, Faculty of Medicine, Cairo University, Cairo, Egypt*
 6 min
- A-0155** ULNAR-SIDED SCLEROSIS OF THE LUNATE DOES NOT AFFECT OUTCOMES IN PATIENTS UNDERGOING VOLAR LOCKING PLATE FIXATION FOR DISTAL RADIUS FRACTURE
 Jong-Hun Baek¹, Jae-Hoon Lee², Duke-Whan Chung³, Ki-Hyeok Ku³ | ¹*Kyung Hee University Hospital, Seoul, South Korea*; ²*Yeseon Hospital, Bucheon, Gyeonggi-do, South Korea*; ³*Kyung Hee University Hospital at Gangdong, Seoul, South Korea*
 6 min
- A-0158** VOLAR LOCKING PLATE VERSUS CLOSED REDUCTION AND IMMOBILISATION FOR DISTAL RADIUS FRACTURES IN THE ELDERLY: SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS
 Niyaz Latypov^{1,2}, Igor Golubev^{3,4}, Alyona Borisova⁵ | ¹*"Private clinic Almaty", Almaty, Kazakhstan*; ²*City clinical hospital №4, Almaty, Kazakhstan*; ³*Federal State Budgetary Institution of the Ministry of Health of the, Russian Federation National Medical Research Center of, Traumatology and Orthopedics named after N.N. Priorov, Moscow, Russian Federation*; ⁴*European Medical Center, European Clinic of Sports Traumatology, and Orthopedics (ECSTO) Moscow, Russia*; ⁵*RUDN University, Medical Institute, Department of Normal, Physiology, Moscow, Russia*
 6 min
- A-0791** IS CAST TREATMENT NON-INFERIOR TO SURGERY FOR ELDERLY PATIENTS WITH DISPLACED INTRA-ARTICULAR TYPE C DISTAL RADIUS FRACTURES? A RANDOMIZED CONTROLLED NON-INFERIORITY TRIAL
 D.P. ter Meulen¹, C.A. Selles², Y.V. Kleinlugtenbelt³, G.A. Kraan⁴, J.C. Goslings⁵, N.W. Willigenburg¹, N.W.L. Schep², R.W. Poolman^{1,6} | ¹*OLVG Hospital, Amsterdam, Orthopedic surgery*; ²*Maasstad Hospital, Rotterdam, Trauma surgery*; ³*Deventer Hospital, Deventer, Orthopedic surgery*; ⁴*Reinier de Graaf Groep, Delft, Orthopedic surgery*; ⁵*OLVG Hospital, Amsterdam, Trauma surgery*; ⁶*LUMC, Leiden, Orthopedic surgery*
 6 min

- A-0340** DOES PROPHYLACTIC ENDOSCOPIC CARPAL TUNNEL RELEASE DURING DISTAL RADIUS FRACTURE FIXATION IMPROVE POSTOPERATIVE FUNCTIONAL OUTCOMES? A RANDOMIZED CONTROLLED TRIAL
Panai Laohaprasitiporn, Sawitt Sirasittikarn, Niya Pimpan, Witchuree Wejjakul, Yuwarat Montee-rarat | *Department of Orthopaedic Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*
6 min
- A-0703** EXTENSOR POLLICIS LONGUS ENTRAPMENT ON COMPUTED TOMOGRAPHY IN ACUTE DISTAL RADIUS FRACTURE MAY BE A PREDICTOR OF TENDON RUPTURE
Charlotte L. E. Laane^{1,2*}, Jad S. Hussein^{3*}, Ambrose J. Huang³, Rene Balza Romero³, Mark Stam¹, Mathieu M.E. Wijffels², Abhiram R. Bhashyam^{1,4}, Neal C. Chen¹⁴ | *1Division of Hand Surgery, Dept of Orthopaedic Surgery, Massachusetts General Hospital; 2Erasmus MC, University Medical Centre Rotterdam, Trauma Research Unit, Dept of Surgery; 3Division of Musculoskeletal Imaging and Intervention, Department of Radiology, Massachusetts General Hospital; 4Harvard Medical School, Boston, MA*
6 min
- A-0180** THE INFLUENCE OF CASTING TYPE ON DISTAL RADIUS FRACTURE REDISPLACEMENT RATES: A CLUSTER-RANDOMIZED CONTROLLED TRIAL
Britt Barvelink¹, Max Reijman¹, Sanne Smidt¹, Pedro Miranda Afonso^{2,3}, Jan A N, Verhaar¹, Joost W Colaris¹, on behalf of the CAST study group | *1Department of Orthopaedics and Sports Medicine, Erasmus MC, University Medical Center, Rotterdam, the Netherlands; 2Department of Biostatistics, Erasmus MC, University Medical Center Rotterdam, the Netherlands; 3Department of Epidemiology, Erasmus MC, University Medical Center Rotterdam, the Netherlands*
6 min
- A-0189** THE INFLUENCE OF CAST QUALITY, CAST APPLICANT AND TYPE OF CASTING ON THE REDISPLACEMENT RISK OF REDUCED ADULT DISTAL RADIUS FRACTURES
Britt Barvelink, Mirte Kok, Sanne Smidt, Kevin van Lakwijk, Jan Verhaar, Max Reijman, Joost Colaris, on behalf of the CAST study group | *Erasmus MC, Rotterdam, The Netherlands*
6 min
- A-0677** PREDICTION OF INSTABILITY IN DISPLACED DISTAL RADIUS FRACTURES
Barbara Galleguillos Galindo^{1,2}, Oliver Rojas Bustamante³, Jorge Fernández Segovia⁴, Axel Michelena Villegas⁴, Felipe Arriagada Ramos⁴, Javier Richard Cajas⁴, Gabriel Carrasco Penna^{2,5} | *1Hospital Mutual de Seguridad, Santiago, Chile; 2Universidad de Chile, Santiago, Chile; 3FONASA, Santiago, Chile; 4Hospital Militar, Santiago, Chile; 5Clínica Santa María, Santiago, Chile*
6 min
- A-0725** UNDERSTANDING THE MECHANISMS OF DISTAL RADIAL FRACTURES FROM ASSESSMENT OF FRACTURE DIRECTION AND DISPLACEMENT AND THE RELATIONSHIP TO THE DISTAL RADIO-ULNAR JOINT
Grey Giddins, Sassi Sassi | *Royal United Hospital, Bath, UK*
6 min

- A-0215** DISTAL RADIUS FRACTURES AND „SPONTANEOUS“ TENDON RUPTURES
 Elisabeth Schellhaas, Senat Krasnici | *Klinik für Unfall- und Wiederherstellungschirurgie, Johanniter-Krankenhaus Stendal, Germany*
 6 min
- A-0561** DIFFERENCES IN OPIOID CONSUMPTION BETWEEN SURGICALLY AND NON-SURGICALLY TREATED DISTAL RADIUS FRACTURES – AN OBSERVATIONAL REGISTRY STUDY ON 30,694 FRACTURES
 Anna-Karin Svensson^{1,2}, Raquel Perez^{2,4}, Lars B Dahlin^{2,3}, Juan Merlo^{4,5}, Malin Zimmerman^{1,2} | *1Department of Orthopedics, Helsingborg Hospital, Helsingborg, Sweden; 2Department of Translational Medicine – Hand Surgery, Lund University, Sweden; 3Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden; 4Unit for Social Epidemiology, Faculty of Medicine, Lund University, Malmö, Sweden; 5Centre for Primary Health Care Research, Region Skåne, Malmö, Sweden*
 6 min
- A-0138** DAY-TO-DAY PATIENT REPORTED PAIN AND USE OF ANALGESICS AFTER DISTAL RADIUS FRACTURE - A PROSPECTIVE PARALLEL GROUP STUDY
 Joakim Strömberg^{1,2}, Elisabet Hagren⁴, Eva Andersson³, Ingrid Andreasson^{1,5} | *1University of Gothenburg, Sahlgrenska Academy, Department of Clinical Sciences, Gothenburg, Sweden; 2Department of Surgery and Orthopaedics, Alingsås lasarett, Alingsås, Sweden; 3Department of Occupational Therapy, Alingsås lasarett, Alingsås, Sweden; 4Department of Occupational Therapy, Kungälv sjukhus, Kungälv, Sweden; 5Department of Occupational Therapy, Sahlgrenska University Hospital, Mölndal, Sweden*
 6 min
- A-0135** THE ACCURACY OF SOONG GRADING IN VOLAR PLATE FIXATION OF DISTAL RADIUS FRACTURES
 Benjamin James Fox, Russell Jones, Zubair Saeed, Thomas Yeoman, Sunil Auplish | *York Teaching Hospital, York, UK*
 6 min

Thursday, 27 June 2024

	ROOM VAN CAPPELLEN ZAAL
08:00-09:00	S013 GREEN HAND SURGERY SEMINAR

Chairs: Zaf Naqui, Michelle Spiteri

- A-1220** INCORPORATING WATER EFFICIENCY INTO CLINICAL PRACTICE
 Edwin Jesudason | *UK*
 10 min
- A-1219** SUSTAINABLE PRACTICES IN HAND THERAPY: A GLOBAL PERSPECTIVE
 Maryam Farzad | *Canada*
 10 min
- A-1221** REDUCING CARBON FOOTPRINT OF THE OPERATING ROOM
 Edwin Jesudason | *UK*
 10 min

A-1222 ANCIENT TOPICS, NEW TRENDS
Paulo Lopez-Osornio | *Spain*
10 min

Sustainability strategies - Discussion with companies
20 min

Thursday, 27 June 2024

	ROOM ZALEN 5-6
08:00-09:00	S014 TENDON SUTURE TECHNIQUE 1

Chairs: Ana Pinto, Nico Schwalfenberg

The workshop will focus on practical aspects of flexor tendon suture. Models, suture material and instruments will be provided to make practical exercises. Experienced faculty will explain the most crucial points and will supervise participants during practical part.

Thursday, 27 June 2024

	ROOM VAN CAPPELLEN ZAAL
09:00-10:00	S034 INNOVATION IN COMMUNICATION

Chairs: Zaf Naqui, Jantine Posthuma de Boer, Gemma Batten

A-1342 WELCOME
Zaf Naqui | *UK*
2 min

A-1343 VOTING LIVE - WHICH MEDIA DO YOU USE?
Arne Tenbrock | *Germany*
4 min

A-1344 CAN SOME GUIDE PATIENTS BETWEEN SURGERY AND CONSERVATIVE TREATMENT?
Jens Lundren | *Sweden*
7 min

A-1345 HOW TO CREATE AND USE A PROFESSIONAL SOME ACCOUNT
Sergi Barrera Barcelona | *Spain*
7 min

A-1346 THE DIGITAL EVOLUTION OF THE JOURNAL OF HAND SURGERY (EUR)
Gemma Batten | *UK*
6 min

A-1347 TIPS AND TRICKS TO CREATE A VIDEO IN 4 MINUTES
Thomas Aparid | *France*
6 min

- A-1348** 6 YEARS OF COMCOM - WHAT WE HAVE LEARNT AND ACHIEVED - A TIMELINE
Viviana Maja Rosero | *Hungary*
5 min
- A-1349** THE EVOLUTION OF WOW
Lucian Marcovici | *Italy*
5 min
- A-1350** M&H GROUP AND THE USE OF DIGITAL COMMUNICATION
Perluigi Tos | *Italy*
5 min
- A-1351** SOCIAL MEDIA OSCARS
Maria Larrea- Zabalo, Letizia Marengi | *Spain, Italy*
10 min

Thursday, 27 June 2024

	ROOM ZALEN 7-8
09:00-10:00	S015 PERIPHERAL NERVES EXAMINATION

Chairs: Joaquim Casanas

- A-1360** LECTURE OF CLINICAL EXPLORATION
Joaquim Casanas | *Spain*
20 min
- A-1361** CLINICAL EXAMINATION IN PRACTICAL SITUATION (WITH RESIDENT/MODEL)
Joaquim Casanas, Jordi Serra | *Spain*
10 min
- A-1362** UNDERSTANDING NERVE CONDUCTION STUDIES
Jordi Serra | *Spain*
10 min
- Case discussion**
20 min
- A-1478** CLINICAL CASES WITH ATTENDEESS
Joaquim Casanas, Jordi Serra | *Spain*
10 min

Thursday, 27 June 2024

	ROOM GROTE ZAAL
10:30-11:30	S017 DISTAL RADIUS FRACTURES AND CONCOMITANT LIGAMENT INJURIES

Chairs: Niels W.L. Schep, Rohit Arora

- A-1155** AFTER FIXATION OF THE DRF, SHOULD WE ADDRESS AN UNSTABLE DRUJ?
Pascal Hanneman | *Netherlands*
12 min
- A-1156** ORIF OF DRFS, SHOULD WE ADDRESS CONCOMITANT SL INJURIES?
Carlos Heras-Palou | *UK*
12 min
- A-1157** INFERIOR ARC LESIONS AND VOLAR RIM FRACTURES
Niels Schep | *The Netherlands*
12 min
- A-1158** SHOULD ACUTE DRFS BE CLOSELY MANIPULATED AND REDUCED IN THE ED?
Rohit Arora | *Austria*
12 min
- Discussion**
12 min

Thursday, 27 June 2024

	ROOM WILLEM BURGER ZAAL
10:30-11:30	S027 CONTROVERSIES IN DUPUYTREN TREATMENT

Chairs: Ilse Degreef, Jane Messina

**A lot is said, a lot is known, but is it science or wishful thinking?
Are dogma's true and novelties really new?**

- A-1090** WHAT'S NEW IN DUPUYTREN?
Andrzej Żyłuk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
7 min
- A-1091** AN EVIDENCE-BASED APPROACH TO THE TREATMENT OF EARLY STAGE DUPUYTREN DISEASE
Jagdeep Nanchahal | *Kennedy Institute of Rheumatology, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK*
12 min

- A-1092** MICROFASCIECTOMY IN DUPUYTREN CONTRACTURE
Ilse Degreef | *Institute for Orthopedic Research and Training (IORT), Department of Development and Regeneration, Faculty of Medicine, KU Leuven, Leuven, Belgium*
5 min
- A-1093** RELEASING THE TOURNIQUET IN DUPUYTREN SURGERY: A WASTE OF TIME?
Alejandro Liñan-Padilla | *Hand Unit, Department of Orthopedic Surgery, Hospital San Juan de Dios del Aljarafe, avda. San Juan de Dios s/n, Bormujos (Sevilla), Spain*
5 min
- A-1094** PROGRESSIVE DISTRACTION IN SEVERE DUPUYTREN
Massimo Corain | *Hand Surgery Department, University Hospital of Verona, Verona, Italy*
5 min
- Discussion with the panel**
10 min

Thursday, 27 June 2024

	ROOM JURRIAANSE ZAAL
10:30-11:30	S020 ARTIFICIAL INTELLIGENCE IN HAND SURGERY
	Chair: Philippe Liverneaux
A-1077	INSIGHTS AND TRENDS REVIEW: ARTIFICIAL INTELLIGENCE IN HAND SURGERY Robert Miller, Simon Farnebo, Maxim D. Horwitz <i>Chelsea and Westminster Hospital, UK</i> 10 min
A-1078	IS CHATGPT ABLE TO PASS THE FIRST PART OF THE EUROPEAN BOARD OF HAND SURGERY DIPLOMA EXAMINATION? Philippe Liverneaux <i>Department of Hand Surgery, Strasbourg University Hospitals, FMTS, Strasbourg, France</i> 10 min
A-1079	AI-ENABLED DETECTION, SEGMENTATION AND ANALYSIS OF DISTAL RADIUS FRACTURES ON 2D- AND 3D-IMAGES Marco Keller <i>1 Hand Surgery, Department of Orthopaedic Surgery and Traumatology, Kantonsspital Baselland, Liestal, Switzerland</i> 10 min
A-1080	CONVOLUTIONAL NEURAL NETWORK FOR SECOND METACARPAL RADIOGRAPHIC OSTEOPOROSIS SCREENING Warren C. Hammert <i>Department of Orthopaedics and Rehabilitation, University of Rochester, Rochester, NY, USA</i> 10 min
A-1081	AI-BASED PHASE RECOGNITION FOR DISTAL RADIUS FRACTURE MIPO Camille Graëff <i>ICube CNRS UMR7357, Strasbourg University, Strasbourg, France</i> 10 min

Discussion

10 min

Thursday, 27 June 2024

	ROOM VAN WEELDE ZAAL
10:30-12:30	S019 THE FESSH/JHSE SESSION WITH MOST CITED PAPERS AND TOP PAPERS (BEST PAPER AWARD)

- A-1279** THE JOURNAL AND FESSH
J. Henk Coert | *The Netherlands*
7 min
- A-1280** UPDATES ON THE JOURNAL-NEW INITIATIVES AND THE FUTURE
Wee Leon Lam | *Singapore*
7 min
- A-1281** HOW HAS RESEARCH AND PUBLISHING CHANGED?
Jin Bo Tang | *China*
7 min

TOP 10 MOST CITED PAPERS

- A-1283** SURFACE REPLACING ARTHROPLASTY OF THE PROXIMAL INTERPHALANGEAL JOINT USING THE CAPFLEX-PIP IMPLANT: A PROSPECTIVE STUDY WITH 5-YEAR OUTCOMES
V Reischenböck, M Marks, DB Herren, S. Schindele | *Switzerland*
5 min
- A-1285** RADIOGRAPHIC MEASUREMENTS OF THE NORMAL DISTAL RADIUS: RELIABILITY OF COMPUTER-AIDED CT VERSUS PHYSICIANS' RADIOGRAPH INTERPRETATION
N Suojärvi, N Lindfors, T Höglund, R Sippo, E. Waris | *Finland*
5 min
- A-1286** COMPUTERIZED ADAPTIVE TESTING OF SYMPTOM SEVERITY: A REGISTRY-BASED STUDY OF 924 PATIENTS WITH TRAPEZIOMETACARPAL ARTHRITIS
R Kamran, JN Rodrigues, TD Dobbs, JCR Wormald, RW Trickett, CJ. Harrison | *UK*
5 min
- A-1282** ROBOT-ASSISTED DOUBLE SCREW FIXATION OF MINIMALLY DISPLACED SCAPHOID WAIST FRACTURE NONUNIONS OR DELAYED UNIONS WITHOUT BONE GRAFT
Y Guo, W Ma, D Tong, K Liu, Y Yin, C. Yang | *China*
5 min
- A-1284** POLYDACTYLY OF THE THUMB: A MODIFICATION OF THE WASSEL-FLATT CLASSIFICATION
JK Kim, BAA Al-Dhafer, YH Shin, HS Joo | *South Korea*
5 min

- A-1287** NONRESPONDER BIAS IN HAND SURGERY: ANALYSIS OF 1945 CASES LOST TO FOLLOW-UP OVER A 6-YEAR PERIOD
PHC Stirling, PJ Jenkins, N Ng, ND Clement, AD Duckworth, JE. McEachan | *UK*
5 min
- A-1288** MEASUREMENT OF FINGER JOINT MOTION AFTER FLEXOR TENDON REPAIR: SMARTPHONE PHOTOGRAPHY COMPARED WITH TRADITIONAL GONIOMETRY
J Chen, A Zhang Xian, S Qian Jia, Y. Wang Jing | *China*
5 min

TOP 10 EDITOR'S CHOICE PAPERS

- A-1289** TOTAL JOINT ARTHROPLASTY VERSUS TRAPEZIECTOMY IN THE TREATMENT OF TRAPEZIOMETACARPAL ARTHRITIS: A RANDOMIZED CONTROLLED TRIAL
TR de Jong, EEDJ Bonhof-Jansen, SM Brink, RP de Wildt, JH van Uchelen, PMN Werker | *The Netherlands*
5 min
- A-1341** ULNAR DIMELIA – A REVIEW OF 24 CASES
MI Winge, S Guéro, V Zavarukhin, et al. | *Norway*
5 min
- A-1290** REHABILITATION FOLLOWING FLEXOR TENDON INJURY IN ZONE 2: A RANDOMIZED CONTROLLED STUDY
M Renberg, C Turesson, L Borén, E Nyman, S. Farnebo | *Sweden*
5 min
- A-1291** REDUCING THE CARBON FOOTPRINT IN CARPAL TUNNEL SURGERY INSIDE THE OPERATING ROOM WITH A LEAN AND GREEN MODEL: A COMPARATIVE STUDY
P Kodumuri, EP Jesudason, V. Lees | *UK*
5 min
- A-1292** ABNORMAL MRI SIGNAL INTENSITY OF THE TRIANGULAR FIBROCARILAGE COMPLEX IN ASYMPTOMATIC WRISTS
Z Wang, S Chen, B Liu, Z Qian, J Zhu, Q. Wang | *China*
5 min
- A-1294** SHIFTING THE PARADIGM: ANKYLOSIS ARTHROPLASTY FOR THE PROXIMAL INTERPHALANGEAL JOINT WITH A NOVEL COLLATERAL LIGAMENT RECONSTRUCTION
BH Miranda, SR Kosasih, R. Krishnamoorthy | *UK*
5 min
- A-1295** RESEARCH METHODOLOGY: THE BAYESIAN STATISTICAL FRAMEWORK AND THE FUTURE OF TRIAL DESIGN
T Teunis, A Samadi, N Chen, D. Ring | *The Netherlands*
5 min
- A-1296** AWARD OF MEDARTIS PRIZE FOR BEST BONE AND JOINT PAPER
10 min

Thursday, 27 June 2024

	ROOM EDUARD FLIPSE ZAAL
10:30-11:30	S025 HAND FLAPS: EXPERTS' OPINION ON COVERAGE AND MOTION

Chairs: Ana Pinto, Leila Harhaus

5 presenters will describe several flaps and present cases to discuss with the audience

- A-1100** FLAPS TO COVER THE PALMAR CARPUS
Max Haerle | *Germany*
12 min
- A-1101** FLAPS FOR THE FINGERS
Alexis Studer de Oya | *Spain*
12 min
- A-1102** FLAPS FOR THE HAND DORSUM
Magne Rokkum | *Norway*
12 min
- A-1103** THE ROLE OF TOE-TO-FINGER VASCULARIZED JOINT TRANSFERS
Diogo Casal | *Portugal*
12 min
- A-1104** PERIOSTIC FLAPS- WHY, WHEN, WHERE
Sergi Barrera | *Spain*
12 min

Thursday, 27 June 2024

	ROOM VAN CAPPELLEN ZAAL
10:30-11:30	S016 RECURRENT NERVE COMPRESSION

Chair: Erik Walbeehm

- A-1227** ULTRASOUND AND EMG IN RECURRENT COMPRESSION SYNDROMES
Nens van Alfen | *The Netherlands*
12 min
- A-1228** DECISION MAKING IN RECURRENT COMPRESSION SYNDROMES
Pepijn Sun | *The Netherlands*
8 min
- A-1229** THE USE OF WRAPS IN RECURRENT COMPRESSION SYNDROMES
Liron Duraku | *The Netherlands*
12 min

A-1378 THE TOTAL SUBMUCULAR TRANSPOSITION OF THE ULNAR NERVE
Michiel Zuidam | *The Netherlands*
12 min

A-1230 IF IT ISN'T A RECURRENT COMPRESSION? WHAT COULD IT BE?
Nens van Alfen | *The Netherlands*
12 min

Discussion
4 min

Thursday, 27 June 2024

	ROOM ZALEN 5-6
10:30-11:30	S035 GREEN PRACTICE

Chairs: Massimo Corain, Noline De Haas, Katie Dickson

The Green Surgery Team presents two workshops designed to improve participant confidence in how to reduce the carbon impact of their practice. In the first workshop, Sustainable Procurement, we will explore methods of creating a more sustainable practice including real life and worked examples. In the second workshop, How to make a sustainable splint, a method of splinting that reduces both waste and carbon footprint will be demonstrated.

A-1314 SUSTAINABLE PROCUREMENT: INTRODUCTION TO GREENING PRINCIPLES
Jacqueline Hart and Noline de Haas | *The Netherlands*
30 min

A-1318 HOW TO MAKE A SUSTAINABLE HAND SPLINT
Robert Jharreeah, Mattijs Sturkenboom, Mitchel Nietveld | *The Netherlands*
30 min

Thursday, 27 June 2024

	ROOM GROTE ZAAL
11:30-12:30	S024 COMPLICATIONS OF DRF ORIF

Chairs: Radek Kebrle, Joris Duerinckx

A-1168 FPL IN DANGER - DIAGNOSIS AND TREATMENT
Joris Duerinckx | *Belgium*
10 min

A-1169 MEDIAN NERVE IN SCARS - HOW TO PROCEED?
Martin Czinner | *Czech Republic*
10 min

A-1170 RSL FUSION IN FAILED DISTAL RADIUS FRACTURES ORIF
Josef Jurkowsch | *Austria*
10 min

- A-1171** WHY DO WE FAIL IN BARTON TYPE DISTAL RADIUS FRACTURES
Radek Kebrle | *Czech Republic*
10 min
- A-1172** VICTIMIZED DRUJ IN DISTAL RADIUS FRACTURES
Petr Axelsson | *Sweden*
10 min
- A-1173** CLINICAL CASE FORUM
Radek Kebrle | *Czech Republic*
10 min

Thursday, 27 June 2024

	ROOM WILLEM BURGER ZAAL
11:30-12:30	S021 RHEUMATOID ARTHRITIS SESSION: EUROPEAN AND JAPANESE PERSPECTIVE OF RHEUMATOID ARTHRITIS HAND SURGERY

Chairs: Daniel Herren, Hajime Ishikawa

The European Rheumatoid Arthritis Surgery Society ERASS had regularly fellow-ship exchanges with hand rheumatoid arthritis surgeons from Japan. The session provides insights in the Japanese ways of handling classical RA patients and shall stimulate a discussion for optimal treatment of this conditions.

- A-1105** THE EUROPEAN PERSPECTIVE IN RA CARE
Daniel Herren | *Switzerland*
5 min
- A-1106** THE JAPANESE PERSPECTIVE IN RA CARE
Hajime Ishikawa | *Japan*
5 min
- A-1107** THE CARE OF SOFT TISSUE PROBLEMS IN JAPAN: CORRECTION OF RHEUMATOID HAND DEFORMITY BY SOFT TISSUE BALANCING PROCEDURES
Ryo Oda | *Japan*
7 min
- A-1108** COMMENT FROM EUROPE
Philippe Bellemère | *France*
3 min
- A-1109** THE CARE OF WRIST PROBLEMS IN JAPAN: CLINICAL OUTCOMES OF TOTAL WRIST ARTHROPLASTY IN PATIENTS WITH RHEUMATOID ARTHRITIS: MINIMUM 10-YEAR FOLLOW-UP
Yuichiro Matsui | *Japan*
7 min

- A-1110** COMMENT FROM EUROPE
Stephan Schindele | *Switzerland*
3 min
- A-1111** THE CARE OF THE RA FINGER DEFORMITY IN JAPAN: EFFORTS TO EXTEND THE LONGEVITY OF SILICONE IMPLANTS FOR MCP JOINT
Takuji Iwamoto | *Japan*
7 min
- A-1112** COMMENT FROM EUROPE
Philippe Bellemère | *France*
3 min
- A-1113** CASE DISCUSSION: TWO CASES FROM EUROPE
Stephan Schindele, Philippe Bellemère | *Switzerland, France*
10 min
- A-1114** CASE DISCUSSION: TWO CASES FROM JAPAN
Takaya Mizuseki, Yoshihisa Nasu | *Japan*
10 min

Thursday, 27 June 2024

	ROOM JURRIAANSE ZAAL
11:30-12:30	S026 ADVANCING KNOWLEDGE OF WRIST KINEMATICS BY DYNAMIC IMAGING

Chairs: Brigitte van der Heijden, Greg Bain

- A-1180** THE ROLE OF 4D DYNAMIC CT SCAN IN ASSESSMENT OF COMPLEX CARPAL INSTABILITIES
Greg Bain | *Australia*
7 min
- A-1181** THE ROLE OF 4DCT IN SCAPHOLUNATE INSTABILITY
Melanie Amarasooriya | *Australia*
7 min
- A-1182** MEASUREMENT OF MOTION BETWEEN BONE FRAGMENTS IN SCAPHOID FRACTURES USING 4DCT
Geert Streekstra | *The Netherlands*
7 min
- A-1183** RECOGNITION OF EARLY SL INJURY WITH 4-D CT
Steven Moran | *USA*
7 min

- A-1184** THE ROLE OF 4DCT IN KIENBOCK DISEASE
Gerald Kraan | *The Netherlands*
7 min
- A-1186** AUTOMATIC PROCESSING OF 4DCT DATA
Stefan Hummelink | *The Netherlands*
7 min
- A-1185** THE ROLE OF 4DCT IN ASSESSMENT OF ULNAR WRIST PAIN
Brigitte van der Heijden | *The Netherlands*
7 min
- Discussion**
10 min

Thursday, 27 June 2024

	ROOM EDUARD FLIPSE ZAAL
11:30-12:30	S018 CURRENT UPDATES ON FINGERTIP AND NAILBED INJURIES AND LESIONS

Chairs: Christian Dumontier, Pierluigi Tos

- A-1187** BASIC PRINCIPLE FOR NAIL RECONSTRUCTION IN TRAUMA
Pierluigi Tos | *Italy*
6 min
- A-1188** FLAPS FOR THE FINGERTIP
Roberto Adani | *Italy*
10 min
- A-1189** LATE RECONSTRUCTIONS OF NAIL PROBLEMS
Christian Dumontier | *France*
10 min
- A-1190** MICROSURGICAL NAILBED RECONSTRUCTION: DIFFERENT METHODS FOR DIFFERENT TYPES OF INJURY
Chao Chen | *China*
10 min
- A-1191** DERMATOLOGICAL NAIL PATHOLOGY: WHAT TO SEND TO THE DERMATOLOGIST WHAT TO THE SURGEON
Marcel Pasch | *The Netherlands*
10 min
- Discussion**
14 min

Thursday, 27 June 2024

	ROOM VAN CAPPELLEN ZAAL
11:30-12:30	S023 NEUROMA / NEUROPATHIC PAIN NERVE SURGERY

Chair: Kim Casanas

- A-1196** WHAT IS NEUROPATHIC PAIN? NEW METHODS FOR DIAGNOSIS
Jordi Serra | *Spain*
12 min
- A-1197** WHEN I MUST TO PROTECT/TRANSLOCATE PAINFUL NEUROMA?
Dominic Power | *UK*
12 min
- A-1198** WHEN I MUST TO RECONSTRUCT PAINFUL NEUROMA?
Kim Casanas | *Spain*
12 min
- A-1199** NEW TECHNIQUES FOR PAINFUL NEUROMAS. WHEN MUST I USE?
Leila Harhaus | *Germany*
12 min
- Discussion and questions**
12 min

Thursday, 27 June 2024

	ROOM ZALEN 7-8
11:30-12:30	S028 INNOVATION IN PRACTICE

Chairs: Zaf Naqui, Maria Larrea

- A-1375** ELEVATING YOUR PATIENT EXPERIENCE AND RESULTS IN PRIVATE PRACTICE
Jean Paul Brutus | *Montreal, Canada*
15 min
- A-1376** HOW I RUN A COST-EFFECTIVE PRACTICE IN MY UNIVERSITY PUBLIC HOSPITAL IN NIMES
Olivier Mares | *Nimes, France*
15 min
- A-1377** SECRETS OF MY COST-EFFECTIVE PRIVATE PRACTICE IN PARIS
Thomas Aparé | *Paris, France*
15 min
- Discussion and questions**
15 min

Thursday, 27 June 2024

ROOM GROTE ZAAL

13:45-15:30 S033 3D IN HAND SURGERY

Moderators: Alex Berenguer, Andreas Schweizer, Anne Vochteloo, Frederik Verstreken

Debate on In-Hospital 3D labs

- A-1379** FROM BASIC TO ADVANCED: WHAT SOFTWARE, PRINTERS, STAFF, CASES, PARTNERS ...?
Antoine Rocher | *South Africa*
10 min
- A-1393** FROM BASIC TO ADVANCED: WHAT SOFTWARE, PRINTERS, STAFF, CASES, PARTNERS ...?
Max Temmesfeld | *Norway*
10 min
- A-1394** FROM BASIC TO ADVANCED: WHAT SOFTWARE, PRINTERS, STAFF, CASES, PARTNERS ...?
Nick Assink | *The Netherlands*
10 min
- A-1380** AND WHAT ABOUT MDR REGULATION AND QUALITY SYSTEMS?
Erik Boelen | *3D quality consultant, The Netherlands*
10 min

MY BEST AND MY WORST CASES...

- A-1381** MADELUNG CORRECTION
Hermann Krimmer | *Germany*
10 min
- A-1382** FOREARM CORRECTION
Joost Colaris | *The Netherlands*
10 min
- A-1383** WRIST CORRECTION
Radek Kebrle | *Czech Republic*
10 min

Thursday, 27 June 2024

	ROOM WILLEM BURGER ZAAL
13:45-15:30	S030 HAND SURGERY IN MASS CASUALTIES

Chairs: Massimo Corain, Gursel Leblebicioglu

We want to approach and analyse the differences in term of decision making in mass casualties for a hand surgeon, taking experience from the recent earthquake in Turkey and the war in Ukraine.

Realators are directly involved

Conclusions from HTC chair

A-1146 Hand Surgery in Disaster Area: February 6th, 2023 Türkiye Earthquakes
Mehmet Ali Acar | *Konya, Türkiye*
12 min

A-1147 Hand Surgery in Reference Hospitals after Earthquakes
Egemen Ayhan | *Istanbul, Turkiye*
12 min

A-1148 Hands in War. Hand Surgeon in War Injuries
Andrii Lysak | *Kyiv, Ukraine*
12 min

A-1149 Comments of the Hand Trauma Committee
Massimo Corain | *Verona, Italy*
12 min

Discussion

12 min

Thursday, 27 June 2024

	ROOM JURRIAANSE ZAAL
13:45-15:30	S051 ARTHROSCOPIC MANAGEMENT OF THUMB CARPOMETACARPAL JOINT ARTHRITIS

Chair: Belén García-Medrano

Update of arthroscopically option in the management and treatment of basal thumb osteoarthritis, describing the technique depending of grade of injury. The aim is to defend minimal invasive surgery to protect soft tissues, to accelerate recovery and reduce socio-health costs.

Presenters of different countries will defend their option, and this multicultural point of view will be attractive to a wider audience and enrich the discussion.

- A-1319** INTRODUCTION
Belén García-Medrano | *Spain*
5 min
- A-1320** ARTHROSCOPIC CLASSIFICATION OF CMC-1 OSTEOARTHRITIS
Anders Wallmon | *Sweden*
12 min
- A-1321** ARTHROSCOPIC MANGEMENT IN BADIA TYPE 1 CMC-1 ARTHRITIS
Pedro J Delgado | *Spain*
12 min
- A-1322** DISTRACTION ARTHROPLASTY
Marco Guidi | *Switzerland*
12 min
- A-1323** PARTIAL ARTHROSCOPIC TRAPEZIECTOMY & AUTOLOGOUS FAT TRANSFER
Lucian Marcovici | *Italy*
12 min
- A-1324** TOTAL ARTHROSCOPIC RESECTION OF TRAPEZIUM FOR ADVANCED BASAL THUMB OSTEOARTHRITIS
Belén García-Medrano | *Spain*
12 min
- A-1325** STT ARTHROSCOPIC ARTHROPLASTY WITH CUSTOMIZED IMPLANTS
Vicente Carratalá | *Spain*
12 min
- Discussion**
15 min

Thursday, 27 June 2024

	ROOM VAN WEELDE ZAAL
13:45-15:30	S031 DIGIT REPLANTATION AND RECONSTRUCTION, PRACTICAL APPROACH WITH TIP AND TRICKS: WHAT EVOLVED WITH EXPERIENCE

Chairs: Mike Ruettermann, Pierluigi Tos

Often at congresses, digital reconstructions are shown without the addition of tips and tricks that are essential. Extremely experienced surgeons are invited to contribute their experience to highlight their tricks to improve the outcome of finger reconstructions.

- A-1352** MICRO AND “MACRO” FINGER REPLANTATION
Fatih Kabakas | *Turkey*
15 min

- A-1353** DEGLOVING INJURIES – TIP AND TRICKS
Roberto Adani | *Italy*
15 min
- Discussion**
10 min
- A-1354** THUMB RECONSTRUCTION
Paco Pinal | *Spain*
15 min
- A-1355** FINGER RECONSTRUCTION PRESERVING THE FOOT
Zeng Tao Wang | *China*
15 min
- A-1356** PARTICULARITY IN FINGER BABIES RECONSTRUCTION
Grainne Bourke, Simon Kay | *UK*
15 min
- Discussion**
20 min

Thursday, 27 June 2024

ROOM EDUARD FLIPSE ZAAL	
13:45-15:30 S032 FESSH PULPE	
A-1223	CHOCOLATE-QUIZ: COMMON HAND CONDITIONS IN CHILDREN THAT MAY NOT BE RECOGNIZED Gill Smith <i>UK</i> 10 min
A-1224	THE FUNNY LITTLE FINGER: KIRNER*, CAMPTODACTYLY, CLINODACTYLY*, SYNOSTOSIS, BRACHYDACTYLY, SYMPHALANGISM, CONGENITAL MALLET FINGER Daniel Weber <i>Switzerland</i> 40 min
A-1225	THE STIFF THUMB: TRIGGER THUMB, CLASPED THUMB, THUMB HYPOPLASIA, TRIPHALANGEAL THUMB (?), INCL. CLINICAL EXAMINATION AND X-RAY Charlotte Jaloux <i>France</i> 40 min
A-1226	CHOCOLATE-QUIZ ANSWERS & WINNER Gill Smith <i>UK</i> 15 min

Thursday, 27 June 2024

	ROOM VAN CAPPELLEN ZAAL
13:45-15:30	S029 HAND INJURY PREVENTION

Chairs: Anna de Leo, Zoe Dailiana, Ian McNab

We formed a group of people working on hand injury prevention, 12 discussion tables and international campaigns

- A-1140** HAND INJURY PREVENTION COMMITTEE
Anna De Leo | *UK*
5 min
- A-1141** SCAPHOID NON UNION PREVENTION
Zoe Dailiana | *Greece*
5 min
- A-1142** FIREWORK INJURIES PREVENTION
Ian McNab | *UK*
5 min
- A-1143** FLYERS TO PREVENT INJURIES
Marlene O'Donoghue | *Germany*
5 min
- A-1144** SCOOTER INJURIES PREVENTION
Martin Leixnering | *Austria*
5 min
- A-1145** SAILING SESSIONS CAN BE PRESCRIBED FOR REHABILITATION?
Isabella Fassola | *Germany*
5 min

Thursday, 27 June 2024

	ROOM ZALEN 5-6
13:45-15:30	S022 FRACTURE FIXATION 1

Chairs: Shai Luria, Jan Debeij

Basic fixation procedures for distal radius, hand and scaphoid

- A-1357** VOLAR APPROACH TO PLATE FIXATION OF DISTAL RADIUS FRACTURE – SHORT INTRODUCTION
Shai Luria | *Israel*
- A-1358** DISTAL APPROACH TO SCREW FIXATION OF SCAPHOID FRACTURE (UNLESS THE WRIST CAN BE FLEXED AND THEN WE CAN DO A PROXIMAL DISTAL APPROACH) – SHORT INTRODUCTION
Jan Debeij | *The Netherlands*

- A-1359** SCREW FIXATION OF METACARPAL FRACTURE (AND IF THEY HAVE TIME, PLATE FIXATION OF METACARPAL FRACTURE AS WELL) - SHORT INTRODUCTION
Layalee Abo Naser | *Israel*

Thursday, 27 June 2024

	ROOM GROTE ZAAL
16:00-18:00	S037 ARTHRITIS SMALL JOINTS 1

Chairs: Cecile van Laarhoven, Benjamin Panzram

- A-0074** CMC FIRST JOINT PROSTHESIS: RADIO-CLINICAL ADVICE ON CUP IMPLANTATION
Stephane Barbary¹, Louis Lajoinie², Antoine Dederichs¹, Romain Detamaecker¹, Gilles Dautel¹ |
¹*Clinique Louis Pasteur, France;* ²*Universitary Hospital of Nancy, France*
6 min
- A-0104** MAIA DUAL MOBILITY CMCJ REPLACEMENT - LOW COMPLICATIONS AND HIGH SURVIVAL AT 6 YEARS
Debashis Dass, Jefin Edakalathur, Srinivas Cheruvu, Ibrahim Roushdi | *Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust, Oswestry, UK*
6 min
- A-0239** CT IMAGING IN OPTIMIZING TRAPEZIO-METACARPAL PROSTHESIS PLACEMENT: PROPOSED RADIOGRAPHIC REFERENCES FOR ENHANCED CLINICAL OUTCOMES
Eleonora Piccirilli, Matteo Primavera, Chiara Salvati, Umberto Tarantino | *Tor Vergata University Hospital, Rome, Italy*
6 min
- A-0424** 3D ANALYSIS OF THE THUMB AFTER TRAPEZIOMETACARPAL JOINT SURGERY
Sophie Brackertz, Gabriella Fischer, Maurizio Calcagni, Lisa Reissner | *Balgrist University Hospital Zurich, Switzerland*
6 min
- A-0127** PYROCARBON INTERPOSITION IN CMC-1 JOINT: OUTCOMES WITH A MINIMAL FOLLOW-UP OF 10 YEARS
Grégoire Chiarella¹, Ludovic Ardouin², Flore-Anne Lecoq², Clara Sos², Philippe Bellemere² | ¹*CHU de Lille, France;* ²*Institut de la Main Nantes Atlantique, Saint Herblain, France*
6 min
- A-0244** RISK FACTORS IN DISTAL INTERPHALANGEAL JOINT ARTHRODESIS IN THE HAND
Nico Leibig, Steffen U. Eisenhardt, Horst Zajonc, Alexander Runkel | *Dept. of Plastic and Hand Surgery, University Medical Center Freiburg, Freiburg, Germany*
6 min
- A-0427** EARLY EXPERIENCE WITH THE HAPTIC PROSTHESIS ON THE PIP JOINT
Armin Zadra, Reinhard Ehall | *General Hospital, Orthopedic department, Bad Radkersburg, Austria*
6 min

- A-0025** CURRENT TRENDS IN DUAL MOBILITY TRAPEZIOMETACARPAL JOINT ARTHROPLASTY: INTERNATIONAL VARIATIONS IN SURGICAL TECHNIQUES AND PATIENT MANAGEMENT
Agatha Durdzinska¹, Kunal Kulkarni², Nina Fee Knie³, Mahdi Siala⁴, Johan van der Stok⁵ | ¹Hôpital Cantonal de Fribourg, Fribourg, Switzerland; ²University Hospitals of Leicester NHS Trust, Leicester, UK; ³Centre for Hand Surgery, Microsurgery and Plastic Surgery, Schoen Clinic, Munich Harlaching, Germany; ⁴Hand to Shoulder Riviera Center, Nice, France; ⁵Limerick University Hospital, Limerick, Ireland
6 min
- A-0160** TRAPEZIOMETACARPAL ARTHROPLASTY IN PATIENTS UNDER 50: RETROSPECTIVE EVALUATION AND CONSIDERATIONS ON RETURN TO WORK
Nicolas Bigorre, Alexandre Petit | *Centre de la Main, Angers, France*
6 min
- A-0318** COMPLICATIONS AND UNPLANNED REOPERATION AFTER THUMB METACARPOPHALANGEAL ARTHRODESIS
Ingmar Legerstee^{1,2}, Oscar Shen¹, Kevin Kooi^{1,3}, Yannick Hoftiezer^{1,4}, Kyle Eberlin^{1,5}, Neal Chen^{1,5} | ¹Massachusetts General Hospital, Boston, Massachusetts; ²Erasmus Medical Center, Rotterdam, the Netherlands; ³Amsterdam UMC, Amsterdam, The Netherlands; ⁴Radboud University Medical Center, Nijmegen, The Netherlands; ⁵Harvard Medical School, Boston, Massachusetts
6 min
- A-0357** OUTCOMES OF ARTHRODESIS FOR THUMB CARPOMETACARPAL JOINT OSTEOARTHRITIS USING A HEADLESS COMPRESSION SCREW AND LOCKING PLATE: ONE-YEAR FOLLOW-UP
Akari Mori, Mika Akahane, Soichiro Honda, Kaoru Tada, Satoru Demura | *Department of Orthopedic Surgery, Graduate School of Medical Sciences, Kanazawa University, Kanazawa, Japan*
6 min
- A-0032** A NETWORK META-ANALYSIS OF CONSERVATIVE MANAGEMENT OPTIONS FOR THUMB CARPOMETACARPAL OSTEOARTHRITIS
Jai Parkash Ramchandani³, Arjuna Thakker¹, Melinda Hau², Nick Johnson¹, Joseph Dias¹ | ¹Academic Team of Musculoskeletal Surgery, Leicester General Hospital, Leicester, UK; ²Trauma and Orthopaedics, University Hospitals of Leicester NHS Trust, Leicester, UK; ³Kings College London, GKT School of Medical Education, London, UK
6 min
- A-0509** INTRAOPERATIVE AND EARLY COMPLICATIONS IN TRAPEZIOMETACARPAL ARTHROPLASTY WITH DUAL MOBILITY - BALL AND SOCKET PROSTHESIS
Eudaldo Gallo¹, Juan María Pardo^{1,2}, Enrique Peces¹, Belen Pardo¹, Guillermo Rojas¹, Natalia Ruiz Micó¹ | ¹Hospital Universitario General de Villalba, Madrid, Spain; ²Hospital Universitario Montepíncipe, Madrid, Spain
6 min
- A-0101** COMPARISON OF THUMB CARPOMETACARPAL IMPLANT VERSUS RESECTION ARTHROPLASTY IN THE SAME PATIENT
Viviane Nietlispach, Miriam Marks, Jenny Imhof, Stephan Schindele, Daniel B. Herren | *Schulthess Klinik, Zürich, Switzerland*
6 min

	ROOM WILLEM BURGER ZAAL
16:00-18:00	S040 WRIST ARTHROSCOPY

Chairs: Sebastiaan Souer, Enrico Carita

- A-0512** EVALUATION OF DIAGNOSTIC WRIST ARTHROSCOPY IN PATIENTS WITH SUSPECTED SCAPHOLUNATE LIGAMENT INJURY
L van Wijk¹, EPA van der Heijden^{1,2}, JS Souer³, SER Hovius^{1,3}, JW Colaris⁴ | ¹Department of Plastic, Reconstructive and Hand Surgery, Radboud Institute for Health Sciences, Radboudumc, Nijmegen, The Netherlands; ²Department of Plastic, Reconstructive and Hand Surgery, Jeroen Bosch Ziekenhuis, 's-Hertogenbosch, Brabant, The Netherlands; ³Hand and Wrist Center, Xpert Clinics, Amsterdam, The Netherlands; ⁴Department of Orthopaedics and Sports Medicine, Erasmus University Medical Centre, Rotterdam, The Netherlands
6 min
- A-0486** RELATIONSHIP BETWEEN GEISSLER'S CLASSIFICATION OF SCAPHOLUNATE JOINT AND SCAPHOLUNATE INTEROSSEOUS LIGAMENT (SLIL) INJURY IN CASES OF DISTAL RADIUS FRACTURES. -BASED ON ARTHROSCOPIC SLIL FINDINGS THROUGH MIDCARPAL RADIOVOLAR PORTAL-
Daisuke Suzuki¹, Hiroshi Ono¹, Shohei Omokawa², Ayumu Ishizaki^{1,2}, Ryotaro Fujitani³ | ¹Nishi Nara Central Hospital, Nara, Japan; ²Nara Medical University, Nara, Japan; ³Shinkai Yao General Hospital, Osaka, Japan
6 min
- A-0756** A SIMPLE VERTICAL DORSAL CAPSULODESIS TECHNIQUE
Jaak Warlop, Eline Stroobants, Ilse Degreef | *UZ Leuven, Leuven, Belgium*
6 min
- A-0273** ARTHROSCOPICAL ROUND-BLOCK CAPSULO-LIGAMENTOPLASTY FOR DYNAMIC SCAPHOLUNATE INSTABILITY: CLINICAL RESULTS AFTER AT LEAST 12 MONTHS
Chul Ki Goorens¹, Kjell van Royen^{2,3}, Niels Debaenst¹, Gilles van Eetvelde⁴, Andrea Atzei⁵ | ¹Hagelandse Orthopedische Praktijk, Regionaal Ziekenhuis Tienen, Tienen, Belgium; ²OLV-Aalst, Aalst, Tienen; ³Universitair Ziekenhuis Brussel, VUB, Brussels, Belgium; ⁴AZ-Sint Lucas, Gent, Belgium; ⁵PRO-Mano, Hand Surgery and Rehabilitation Team, Treviso, Italy
6 min
- A-0580** THE INTERRATER RELIABILITY OF THE DIAGNOSTIC HOOK- AND TRAMPOLINE-TESTS IN THE ARTHROSCOPIC DEFINITION OF THE FOVEAL TFCC INJURY
Robert Gvozdenovic^{1,2}, Signe Juhl Dynesen¹ | ¹Herlev/Gentofte Hospital, Department of Orthopaedic Surgery, Hand Surgery Unit, Hellerup, Denmark; ²University of Copenhagen, Faculty of Health and Medical Sciences, Institute of Clinical Medicine, Copenhagen, Denmark
6 min
- A-0935** ARTHROSCOPIC DORSAL SCAPHOTRIQUETRAL LIGAMENTOPLASTY FOR DYNAMIC SL AND LT INSTABILITY
Jin-Hyung Im, Taeyang Jang, Joo Yup Lee | *The Catholic University of Korea, Seoul, Korea*
6 min

- A-0339** DORSAL INTERCARPAL LIGAMENT TEARS: AN ARTHROSCOPIC CLASSIFICATION AND CLINICAL OUTCOMES STUDY
Lorenzo Merlini^{1*}, Sze Ryn Chung^{1,2*}, Martin Caloia³ | ¹*International Wrist Center, Clinique Bizet, Paris, France*; ²*Hand and Reconstructive Microsurgery, Singapore General Hospital, Singapore*; ³*Division of Hand and Upper Extremity Surgery, Austral University Hospital, Buenos Aires, Argentina*
6 min
- A-0356** THE INSIDE-OUT VOLAR MIDCARPAL DIRECT SCAPHOID (VMDSC) PORTAL FOR THE ARTHROSCOPIC TREATMENT OF THE PROXIMAL POLE OR WAIST SCAPHOID NONUNION. ANATOMICAL STUDY AND TECHNICAL RECOMMENDATIONS
Maria Larrea Zabalo^{1,2}, Mireia Esplugas¹, Ana Scott-Tennent^{3,4}, Alex Lluch^{1,5}, Ana Maria Carreño^{1,6}, Guillem Salvà^{7,8}, A. Rodriguez-Baeza⁹ | ¹*Institut Kaplan, Barcelona, Spain*; ²*Mutua Universal Delfos, Barcelona, Spain*; ³*Arnau de Vilanova University Hospital, Lleida, Spain*; ⁴*Santa Maria de Lleida University Hospital, Lleida, Spain*; ⁵*Vall d'Hebron University Hospital. Orthopaedic Hand Unit Chief, Barcelona, Spain*; ⁶*Clínica of Barcelona University Hospital, Barcelona, Spain*; ⁷*Son Espases University Hospital, Palma de Mallorca, Spain*; ⁸*Ibacma, Balearic Institut of Hand Surgery, Palma de Mallorca, Spain*; ⁹*Department of Morphological Sciences, Anatomy and Embryology Unit, Medicine Faculty, Barcelona Autònoma University, Barcelona, Spain*
6 min
- A-0464** ARTHROSCOPIC DORSAL INTERCARPAL LIGAMENT PPLICATION IN HIGH-GRADE SCAPHOLUNATE INSTABILITY TREATMENT: DESCRIPTION OF THE TECHNIQUE AND PRELIMINARY RESULTS
Ahlam Arnaout^{1,2}, Christophe Mathoulin¹ | ¹*International Wrist Centers -Clinique du Poignet Paris*; ²*Institut de la Main-Paris*
6 min
- A-1030** THE ROLE OF WRIST ARHTROSCOPY FOR THE PATIENTS WITH KIENBOCK'S DISEASE
Iulian- Daniel Vilcioiu, Andrei Popa, Claudiu Jaba | *Clinica de Chirurgia Mainii- Zetta Hospital, Romania*
6 min
- A-0674** ARTHROSCOPIC TREATMENT OF SCAPHOID NONUNION - TEN YEARS' EXPERIENCE
Rui Viegas, Lucas Armada, André Castanheira, Diogo Gaspar, José Caldeira | *Hospital Beatriz Ângelo, Lisbon, Portugal*
6 min
- A-0049** ARTHROSCOPIC-ASSISTED FOVEAL REATTACHMENT OF TRIANGULAR FIBROCARILAGE COMPLEX TEARS WITH DISTAL RADIOULNAR JOINT INSTABILITY: A COMPARISON OF SUTURE ANCHORS AND TRANSOSSEOUS SUTURES
Ahmed Afifi, Emad A. Abdel-Ati | *Hand, Upper Limb, and Microsurgery Unit, Department of Orthopaedic Surgery, Faculty of Medicine, Cairo University, Cairo, Egypt*
6 min

Thursday, 27 June 2024

ROOM JURRIAANSE ZAAL

16:00-18:00 S038 FESSH DELEGATES' ASSEMBLY

If you are interested in who are behind the FESSH activities, you are welcome at the Delegates' Assembly where the Council members will report on their committees' achievements and plans and the national FESSH Delegates will vote on the location of the 2028 FESSH Congress.

- A-1461** REPORT OF THE SECRETARY GENERAL
Brigitte van der Heijden | *The Netherlands*
5 min
- A-1462** REPORT OF THE TREASURER
Alex Lluch | *Spain*
15 min
- A-1463** REPORT OF THE CONGRESS COMMITTEE
Piotr Czarnecki | *Poland*
7 min
- A-1464** BID 2028 PRESENTATION AUSTRIA
5 min
- A-1465** BID 2028 PRESENTATION FRANCE
5 min
- A-1466** BID 2028 PRESENTATION SERBIA
5 min
- A-1467** REPORT OF YEHS (7 MIN)
Camillo Fulchignoni | *Italy*
7 min
- A-1468** REPORT OF THE JOURNAL COMMITTEE
Henk Coert | *The Netherlands*
7 min
- A-1469** REPORT OF THE JOURNAL COMMITTEE
Emily Kent | *UK*
5 min
- A-1470** REPORT OF THE RESEARCH COMMITTEE
Leila Harhaus | *Germany*
7 min
- A-1471** REPORT OF THE RELATIONSHIP COMMITTEE
Ilse Degreef | *Belgium*
7 min

- A-1472** REPORT OF THE COMMUNICATION COMMITTEE
Zaf Naqui | *UK*
7 min
- A-1473** REPORT OF THE EXAMINATION COMMITTEE
Lindsay Muir | *UK*
7 min
- A-1474** REPORT OF THE CLINICAL PRACTICE COMMITTEE
Massimo Corain | *Italy*
7 min
- A-1475** REPORT OF THE EDUCATION COMMITTEE
Jonathan Hobby | *UK*
7 min
- A-1476** ANNOUNCEMENT OF THE WINNER OF THE BID2028
Piotr Czarneczki | *Poland*
2 min
- A-1477** INVITATION TO THE COMING FESSH CONGRESS 2025 IN HELSINKI, FINLAND
Jorma Ryhänen | *Finland*
5 min

Thursday, 27 June 2024

	ROOM VAN WEELE ZAAL
16:00-18:00	S036 NERVE REPAIR/RECONSTRUCTION

Chairs: Susanne Rein, Pierluigi Tos

- A-0121** FABRICATION OF ARTIFICIAL NERVES AS AN ALTERNATIVE OF AUTOLOGOUS NERVE GRAFT BASED ON TISSUE ENGINEERING CONCEPTS
Ryosuke Kakinoki¹, Yukitoshi Kaizawa², Kazuhiro Ohtani¹, Koichi Yoshimoto¹, Ryosuke Ikeguchi³, Koji Goto¹ | ¹*Department of Orthopedic Surgery, Kindai University Hospital;* ²*Department of Orthopedic Surgery, Kansai Electric Power Hospital;* ³*Department of Orthopedic Surgery, Graduate School of Medicine, Kyoto University*
6 min
- A-0355** LOCAL PXL01 APPLICATION DECREASES INFLAMMATION WITH NO EFFECT ON AXONAL OUTGROWTH OR SCHWANN CELL RESPONSE AFTER NERVE TRANSECTION AND REPAIR IN HEALTHY RATS
Burcu Hazer Rosberg^{1,2}, Lena Stenberg¹, Margit Mahlapuu³, Lars B. Dahlin^{1,2,4} | ¹*Department of Translational Medicine Hand Surgery, Lund University, Skåne University Hospital, Malmö, Sweden;* ²*Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden;* ³*Department of Chemistry & Molecular Biology, Göteborg University, Göteborg, Sweden;* ⁴*Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden*
6 min

- A-0467** USING OLFACTORY STEM CELLS TO IMPROVE PERIPHERAL NERVE REGENERATION
Charlotte Jaloux^{1,2}, Marie Witters^{1,2}, Maxime Bonnet^{2,3}, Mostafa Seblani^{2,3}, Patrick Decherchi³, François Feron², Gaëlle Guiraudie-Capraz² | ¹*Department of hand surgery and reconstructive surgery of the limbs - La Timone University, Marseille, France;* ²*Aix Marseille Univ, CNRS, INP, UMR 7051, Institut de Neuropathophysiologie, Equipe Nasal Olfactory Stemness and Epigenesis (NOSE) Marseille, France;* ³*Aix Marseille Univ, CNRS, ISM, UMR 7287, Institut des Sciences du Mouvement: Etienne-Jules Marey, Equipe Plasticité des Systèmes Nerveux et Musculaire (PSNM) Parc Scientifique et Technologique de Luminy, Faculté des Sciences du Sport de Marseille, Marseille, France*
6 min
- A-0521** NOVEL OXIDIZED POLYVINYLL ALCOHOL-CARBON NANOTUBE NERVE CONDUITS FOR PERIPHERAL NERVE INJURY OF THE UPPER LIMB
Stefano L'Erario, Francesco Messina, Elena Stocco, Andrea Porzionato, Cesare Tiengo, Franco Bassetto | *Department of Neurosciences, Clinic of Plastic, Reconstructive and Aesthetic surgery of Padua, Padua, Italy*
6 min
- A-0533** SURVIVAL AFTER RESECTION OF MALIGNANT PERIPHERAL NERVE SHEATH TUMOURS: INTRODUCING A SUBTYPE-SPECIFIC PROGNOSTIC MODEL
I. Acem^{1,2}, E.W. Steyerberg³, M. Spreafico⁴, D. Grünhagen¹, D. Callegaro⁵, R.J. Spinner⁶, C.A. Pendleton⁶, J.H. Coert⁷, R. Miceli⁸, M.A.J. van de Sande², A.Gronchi⁵, C. Verhoef¹, E. Martin⁷ | ¹*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, the Netherlands;* ²*Department of Orthopaedic Oncology, Leiden University Medical Centre, Leiden, The Netherlands;* ³*Department of Clinical Biostatistics and Medical Decision Making, Leiden University Medical Centre, Leiden, The Netherlands;* ⁴*Mathematical Institute Leiden University, Leiden, The Netherlands;* ⁵*Department of Surgery, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy;* ⁶*Department of Neurologic Surgery, Mayo Clinic, Rochester Minnesota;* ⁷*Department of Reconstructive Surgery, University Medical Centre Utrecht, Utrecht, The Netherlands;* ⁸*Department of Clinical Epidemiology and Trial Organization, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy*
6 min
- A-0680** SUPRACLAVICULAR GRAFTING OR DISTAL NERVE TRANSFER IN NONCOMPLETE ADULT TRAUMATIC BRACHIAL PLEXUS INJURIES: WHAT IS THE BEST TREATMENT STRATEGY?
Justus Groen, Willem Pondaag, Martijn Malessy | *Leiden Nerve Center, Leiden University Medical Center, The Netherlands*
6 min
- A-0729** PERIPHERAL NERVE GUNSHOT INJURY. AN UPDATE
Andrii Lysak, Serhii Strafun, Sergii Tymoshenko, Vasyl Gaiovych, Anna Kyrpychova | *SI "Institute of Traumatology and Orthopedics of the NAMS of Ukraine," Kyiv, Ukraine*
6 min

- A-0695** MAJOR NERVE TRUNK INJURIES IN THE UPPER LIMB – OUTCOME OF SURGICAL REPAIR IN RELATION TO THE LEVEL OF INJURY AND PRESENCE OF SECONDARY PROCEDURES
Erika Nyman^{1,2}, Hanna Tuvhag², Lars B Dahlin^{2,3,4} | ¹*Department of Hand Surgery, Plastic Surgery and Burns, Linköping University Hospital, Linköping, Sweden;* ²*Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden;* ³*Department of Translational Medicine – Hand Surgery, Lund University, Skåne University Hospital, Malmö, Sweden;* ⁴*Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden*
6 min
- A-0697** RADIAL NERVE PALSY SCALE (RAPS): A NOVEL APPROACH TO CLASSIFYING RADIAL NERVE INJURY AND RECOVERY
Chane Kulenkampff, Christie Brennan, Samuel George | *Queen Elizabeth Hospital, Birmingham, UK*
6 min
- A-0947** EARLY ULTRASOUND DIAGNOSIS AND SURGICAL STRATEGY FOR UPPER LIMB NERVE HOURGLASS CONSTRICTIONS
Xueyuan Li, Wei Jiang | *Hand surgery department Ningbo No.6 Hospital, Ningbo, China*
6 min
- A-0962** CLINICAL IRRELEVANCE OF THE MARTIN-GRUBER COMMUNICATION: AN EVALUATION IN HIGH ULNAR AND MEDIAN NERVE LESIONS
Matthias E. Sporer¹, Jayme A. Bertelli² | ¹*Department of Plastic Surgery, Academic Teaching Hospital Feldkirch, Feldkirch, Austria;* ²*Department of Orthopedic Surgery, Governador Celso Ramos Hospital, Florianópolis, Brazil*
6 min
- A-0406** HOW MIRNAS REGULATE SCHWANN CELLS DURING PERIPHERAL NERVE REGENERATION—A SYSTEMATIC REVIEW
Borger A, Stadlmayr S, Haertinger M, Semmler L, Supper S, Millesi F, Radtke C | *Departement for Plastic, Reconstructive and Aesthetic Surgery, Medical University of Vienna*
6 min
- A-0563** AMPUTATIONS IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: A MULTICENTER COHORT STUDY
Christianne Y.M.N. Jansma^{1,2}, Dirk J. Grünhagen², Cornelis Verhoeff², J. Henk Coert¹, Enrico Martin¹ | ¹*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ²*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*
6 min
- A-0617** MANAGEMENT OF LARGE TRAUMATIC RADIAL NERVE DEFECTS AT THE ELBOW LEVEL BY DIRECT NEURORRHAPHY IN ELBOW FLEXION AND SUBSEQUENT GRADUAL EXTENSION: TWO CASE REPORTS
Tanja Herrler, Kathrin Rellensmann, Benjamin Ramsayer, Markus Tauber, Nils Baas | *Berufsgenossenschaftliche Unfallklinik Murnau, Germany*
6 min

ROOM EDUARD FLIPSE ZAAL

16:00-18:00 S039 PEDIATRIC SURGERY

Chairs: Chiara Arrigoni, Nunzio Catena

- A-0331** EXTENSOR INDICES TRANSPOSITION AFTER PEDIATRIC RUPTURE OF THE EXTENSOR POLLICIS LONGUS TENDON – GIVE IT A LIKE!
Richard-Tobias Moeller, Martin Mentzel, Simon Bauknecht | *Department of Orthopedic Trauma, Ulm University Medical Center, Ulm, Germany*
6 min
- A-0083** MODIFIED WASSEL-FLATT TYPE III RADIAL POLYDACTYLY; SUBTYPES AND THEIR OUTCOMES
Wonsun Lee, Seung hyun Lee, Young Ho Shin, Joon O Yun, Jae Kwang Kim | *Department of Orthopedic Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea*
6 min
- A-0349** CUSTOMIZABLE AUTOLOGOUS TISSUE ENGINEERED GRAFT FOR PHALANX CONSTRUCTION IN CHILDREN WITH SYMBRACHYDACTYLY
Adrien Moya², Romain Schaller¹, Robert Paillaud², Gangyu Zhang², Dirk Johannes Schaefer¹, Alexandre Kämpfen¹, Ivan Martin², Arnaud Scherberich^{1,2} | *¹Department of Plastic, Reconstructive, Aesthetic, and Hand Surgery, University Hospital Basel, Basel, Switzerland; ²Department of Biomedicine, University Hospital Basel, University of Basel, Basel, Switzerland*
6 min
- A-0522** THE INFLUENCE OF SOCIOECONOMIC FACTORS ON PEDIATRIC HANDINJURIES IN STOCKHOLM
Nina Rydman^{1,2}, Maria Wilcke^{1,2}, Hans Pettersson¹, Tobias Laurell^{1,2} | *¹Department of Hand Surgery, Södersjukhuset, Stockholm, Sweden; ²Department of clinical science and education Södersjukhuset, Karolinska Institutet, Stockholm, Sweden*
6 min
- A-0590** SUPRACONDYLAR HUMERAL FRACTURES IN CHILDREN. 20-YEAR EXPERIENCE IN A LEVEL I TRAUMA CENTER
Athanaselis E., Metaxiotis N., Koskiniotis A., Mylonas Th., Stefanou N., Rigopoulos N., Dailiana Z., Varitimidis S | *Department of Orthopedics, University Hospital of Larissa, Larissa, Greece*
6 min
- A-1026** STABILIZATION OF THE HYPOPLASTIC THUMB TYPE BLAUTH IIIB USING A NON-VASCULARIZED PROXIMAL INTERPHALANGEAL JOINT FROM THE TOE AS AN ALTERNATIVE RECONSTRUCTION WHEN POLLICIZATION IS NOT ACCEPTED - RESULTS AND COMPARISON TO INDEX POLLICIZATION
Michał Górecki, Piotr Czarnecki, Leszek Romanowski | *Department of Traumatology, Orthopaedics and Hand Surgery, Poznań University of Medical Sciences, Poland*
6 min

- A-0371** CAN WE PREDICT THE OUTCOME OF TRAUMATIC PAEDIATRIC UPPER LIMB PERIPHERAL NERVE INJURIES USING ELECTROPHYSIOLOGY AND ULTRASOUND STUDIES? A CASE SERIES
Pavandeep Kaur Virdee¹, Haneen Abed², Andrea Jester³, Andrew Lawley³ | ¹*Sandwell General Hospital, Birmingham, UK*; ²*University Hospital Coventry and Warwickshire, Coventry, UK*; ³*Birmingham Children's Hospital, Birmingham, UK*
6 min
- A-0557** ESTABLISHING THE PSYCHOLOGICAL IMPACT OF CONGENITAL UPPER LIMB DIFFERENCES ON PARENTS AND FAMILIES
Robert Miller^{1,2}, Alexandra Mackenzie¹, Ted Welman¹, Sue Bodger¹, Maxim Horwitz¹ | *Chelsea and Westminster Hospital, London, U.K.*; ²*Surgical Psychology and Performance Group*
6 min
- A-0571** EVALUATION OF THE RESULTS OF SURGICAL TREATMENT OF HAND FLEXOR TENDON INJURIES AMONG CHILDREN
Szymon Grochans¹, Ireneusz Walaszek^{1,2}, Kaja Giżewska-Kacprzak¹ | ¹*Department of Pediatric and Oncological Surgery, Urology and Hand Surgery, Pomeranian Medical University, Szczecin, Poland*; ²*Department of Orthopedic Traumatology and Musculoskeletal Oncology, Pomeranian Medical University, Szczecin, Poland*
6 min
- A-0603** HAND FIREWORK-RELATED INJURIES – TERTIARY CENTER EXPERIENCE IN COHORT OF 102 CHILDREN
Djordje Kravljjanac, Radoje Simic | *Institute for Mother and Child Healthcare of Serbia, Belgrade, Serbia*
6 min
- A-0669** SYNDACTYLY CORRECTION: TO GRAFT OR NOT TO GRAFT. A CASE SERIES STUDY
Roberta Sartore, Federica Ceretta, Elisa Sartore, Massimo Corain | *Hand Surgery and Microsurgery Unit, University Hospital, Verona, Italy*
6 min
- A-0969** EXTRAPHYSEAL DISTAL RADIUS FRACTURE IN CHILDREN: IS THE CAST ALWAYS NEEDED? A RETROSPECTIVE ANALYSIS COMPARING EPIBLOC SYSTEM AND K-WIRE PINNING
Marco Passiatore¹, Rocco De Vitis^{1,2}, Andrea Perna¹, Marco D'Orio¹, Vitale Cilli³, Giuseppe Taccardo^{1,2} | ¹*Istituto Di Clinica Ortopedica, Fondazione Policlinico Universitario A. Gemelli IRCCS, Roma, Italy*; ²*Università Cattolica del Sacro Cuore, Roma, Italy*; ³*Chirurgie de La Main, CHIREC Site Delta, Brussels, Belgium*
6 min
- A-1054** THE IMPLEMENTATION OF ICHOM CONGENITAL UPPER LIMB ANOMALIES SET IN DAILY CARE
Wim Janssen^{1,2}, Klaske Nieuwenhuis^{1,2}, Lisette Melis^{1,2}, Noemi Hunneman^{1,2}, Christianne van Nieuwenhoven², Ernst Smits² | ¹*Rijndam Rehabilitation center, Rotterdam, Netherlands*; ²*ErasmusMC University Hospital Rotterdam, Netherlands*
6 min

ROOM VAN CAPPELEN ZAAL

16:00-18:00 S041 DIAGNOSTICS AND REHABILITATION

Chairs: Robbert Wouters, Alessia Pagnota

- A-0510** A NOVEL CLASSIFICATION OF KIENBOCK'S DISEASE BASED ON MAGNETIC RESONANCE IMAGING
Shin Woo Choi¹, Joo-Yul Bae¹, Jae Kwang Kim² | ¹*Department of Orthopedic Surgery, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, South Korea;* ²*Department of Orthopedic Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea*
6 min
- A-0847** LOW DOSE FOUR-DIMENSIONAL CT IN DIAGNOSING WRIST INSTABILITY
Ian Blom^{1,2}, Nina Mathijssen², Gerald Kraan² | ¹*Reinier de Graaf Hospital, Delft, the Netherlands;* ²*Reinier Haga Orthopedic Centre, Zoetermeer, the Netherlands*
6 min
- A-0099** RELIABILITY OF CLINICAL TESTS FOR PREDICTION OF OCCULT SCAPHOID FRACTURES AND COST BENEFIT ANALYSIS OF A DEDICATED SCAPHOID PATHWAY
Andrew McDonough, Thomas Dawson, Julia Ruston, Lesley McKee, Lindsay Muir, Zaf Naqui | *Northern Care Alliance, Salford, UK*
6 min
- A-0240** ADVANCING CARPAL TUNNEL SYNDROME DIAGNOSIS: ECHOGRAPHY AS A NON-INVASIVE ALTERNATIVE TO ELECTROMYOGRAPHY
Daniele Paravani¹, Matteo Primavera², Giorgio Antonietti¹, Priscilla Di Sette¹, Chiara Salvati², Michele Rampoldi¹ | ¹*CTO A. Alesini, Rome, Italy;* ²*Tor Vergata University Hospital, Rome, Italy*
6 min
- A-0636** CORRELATION OF ULTRASOUND (US) WITH CLINICAL OUTCOME IN INTRINSIC MUSCLE REGENERATION AFTER LONGSTANDING ULNAR NERVE PALSY
Esther Vögelin¹, Rémy Liechti² | ¹*Inselspital, University of Bern, Switzerland* ²*Inselspital, University of Bern, Switzerland*
6 min
- A-0216** DETECTING AVASCULAR NECROSIS OF THE LUNATE FROM RADIOGRAPHS USING A DEEP-LEARNING MODEL
Krista Wernér¹, Turkka Anttila¹, Sina Hulkkonen¹, Timo Viljakka², Ville Haapamäki³, Jorma Ryhänen¹ | ¹*Musculoskeletal and Plastic Surgery, Department of Hand Surgery, University of Helsinki and Helsinki University Hospital, Helsinki, Finland;* ²*Tampere University Hospital, Tampere, Finland;* ³*HUS Diagnostic Center, HUS Medical Imaging Center, Department of Radiology, Helsinki, Finland*
6 min
- A-0468** CLINICAL TESTS IN THE DIAGNOSIS OF SCAPHOLUNATE LIGAMENT INJURIES
Igor O. Golubev¹, Bella M. Gazimieva^{2,3}, Maksim E. Sautin³ | ¹*Priorov National Medical Research Center of Traumatology and Orthopedics, Moscow, Russia;* ²*Peoples' Friendship University of Russia, Moscow, Russia;* ³*European Medical Center, Moscow, Russia*
6 min

- A-0605** A NEW TEST TO DIAGNOSE EARLY-STAGE TRIGGER FINGER AND TREATMENT ALGORITHM
Silvia Pietramala, Camillo Fulchignoni, Alessio Greco, Lorenzo Rocchi, Gianfranco Merendi | *Hand Surgery and Orthopaedics Unit, Department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli, Rome, Italy*
6 min
- A-0989** THE EFFECT OF SHOULDER ROM EXERCISE ON THE PREVALENCE OF SHOULDER STIFFNESS AFTER DISTAL RADIUS FRACTURE SURGERY
SeongJu Choi¹, JoonHa Lee², Youngchul Shin¹, Yohan Lee³ | ¹*Department of Orthopaedic surgery, Nowon Eulji Medical Center, Eulji University School of Medicine, Seoul, Korea;* ²*Hand Surgery Center, Yeseon Hospital, Gyeonggi-do, Korea;* ³*Department of Orthopaedic surgery, Seoul National University Boramae Medical Center, Seoul, Korea*
6 min
- A-0460** IS IT POSSIBLE TO PREDICT TFCC INJURY (PALMER 1B) ACCOMPANYING DISTAL RADIUS FRACTURE DIAGNOSED BY MRI THROUGH RADIOGRAPHIC PARAMETERS?
Sung Jin Kang, Seoung Jun Lee, Ji Nam Kim, Yun Seop Kim | *Konkuk university Hospital, Seoul, Korea*
6 min
- A-0689** IMMEDIATE EFFECTS OF DART THROWING MOTION TAPING ON PROPRIOCEPTION: A CROSSOVER PILOT STUDY
Tugba Ulusoy, Cigdem Ayhan Kuru | *Faculty of Physiotherapy and Rehabilitation, Orthopedic Physiotherapy and Rehabilitation Department, Hacettepe University, Ankara, Turkey*
6 min
- A-0405** THE EFFECT OF MOTIVATIONAL INTERVIEWING ON PAIN, FUNCTIONALITY, SLEEP, CENTRAL SENSITIZATION IN PATIENTS WITH THORACIC OUTLET SYNDROME: A PRELIMINARY STUDY
Şule Tüzen Tek¹, Nur Sena Topdaş¹, Gülay Uzun¹, Tüzün Fırat², Ayten Kayı Cangır³ | ¹*Graduate School of Health Sciences, Hacettepe University, Ankara, Turkey;* ²*Faculty of Physical Therapy and Rehabilitation, Hacettepe University, Ankara, Turkey;* ³*Department of Thoracic Surgery, Medicine Faculty of Ankara University, Ankara, Turkey*
6 min
- A-0558** EVALUATION OF THE SEMMES-WEINSTEIN MONOFILAMENT TEST IN DIFFERENT CONDITIONS IN HEALTHY INDIVIDUALS
Özge Buket Arslan¹, Gamze Yıldırım Kabasakaloğlu², Çiğdem Öksüz¹ | ¹*Department of Occupational Therapy, Faculty of Health Sciences, Hacettepe University, Ankara, Turkey;* ²*Warrington and Halton Teaching Hospital, Warrington, UK*
6 min
- A-0721** THE EFFECT OF HYPERMOBILITY ON REACTION TIME, PROPRIOCEPTION, AND PAIN IN MUSICIANS
Burcu Semin Akel, Edanur Altınbaş, Mahmut Kahraman | *İstanbul Kültür University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, İstanbul, Turkey*
6 min

- A-0818** EFFECTS OF SIX WEEKS OF WRIST PROPRIOCEPTIVE TRAINING ON MOTOR PERFORMANCE VARIABLES
 Semiha Tomiris Erzincanlı¹, Cigdem Ayhan Kuru², A. Ruhi Soyulu³, Hanife Avci⁴, Ilhami Kuru⁵ |
¹*Başkent University Hospital, Orthopedics and Traumatology Department, Ankara, Turkey;*
²*Hacettepe University Medicine Faculty, Ankara, Turkey*
 6 min

Thursday, 27 June 2024

	ROOM ZALEN 7-8
16:00-18:00	S042 THE RESEARCH JOURNEY: GETTING STARTED - STUDY DESIGN, LEVELS OF EVIDENCE, LITERATURE

Chairs: Jane McEachan, Teun Teunis

- A-1272** INTRODUCTION TO THE RESEARCH WORKSHOP
 Wee Lam, Leila Harhaus | *Singapore, Germany*
 5 min
- A-1273** COMING UP WITH A RESEARCH IDEA
 Teun Teunis | *USA*
 15 min
- A-1274** WHAT KIND OF RESEARCH SHOULD I DO WITH THE TIME AND RESOURCES THAT I HAVE?
 Judit Hetthessy | *Hungary*
 15 min
- A-1275** HOW DO I SEARCH THE LITERATURE AND ENSURE MY IDEA AND STUDY IS NEW?
 Ryckie Wade | *UK*
 15 min
- A-1276** HOW DO I COLLECT DATA AND WHAT DO I DO WITH THEM?
 Jane McEachan | *UK*
 15 min
- A-1277** WHAT STUDY DESIGN SHOULD I CHOOSE?
 Justin Wormald | *UK*
 15 min
- A-1278** INTERACTIVE EXERCISE 1: WHAT STUDY DESIGN WILL YOU CHOOSE?
 Justin Wormald, Ryckie Wade, Teun Teunis, Miriam Marks | *UK, USA, Switzerland*
 30 min
- Final discussion**
 10 min

FRIDAY, 28 JUNE 2024

	GROTE ZAAL	WILLEM BURGER ZAAL	JURRIAANSE ZAAL	VAN WEELDE ZAAL
08:00 - 09:00	CMCJ I Arthritis & Arthroplasty	Compression neuropathies 2	Proximal phalanx fractures	Wrist biomechanics and pathology
09:00 - 10:00			Wrist arthroplasty surgery, can it be gold standard for degenerative wrist conditions?	
10:00 - 10:30	Coffee break			
10:30 - 11:30	PROMs: from Chaos to practical applications! PROMs united	Wrist instabilities: From mechanics to arthropathy	Hand surgery in humanitarian missions	How to have fun in hand surgery
11:30 - 12:30		3D analysis-based handsurgery: why and how?	Forearm rotation from elbow to wrist	Tendons
12:30 - 13:45	Lunch break / Lunch symposia			
13:45 - 14:45	FESSH Congress Fellows and FESSH Research Fellows session	Arthritis wrist	Scaphoid fracture and reconstruction	Microsurgery
14:45 - 15:30				
15:30 - 16:00	Coffee break			
16:00 - 17:00	Solving complications: What if it fails	Arthritis small joints 2	Nations competition	Tetraplegia/Spasticity
17:00 - 18:00	Choosing wisely: Dos and don'ts in hand surgery 2024			3D applications

FRIDAY, 28 JUNE 2024

	EDUARD FLIPSE ZAAL	VAN CAPPELLEN ZAAL	ZALEN 5-6	ZALEN 7-8
08:00 - 09:00	Brachial plexus birth injury news	Live surgery 1	Tendon suture technique 2	
09:00 - 10:00	Spasticity – worst case scenario, case based presentations	UTS and TOS		Wrist examination
10:00 - 10:30	Coffee break			
10:30 - 11:30	New innovations in nerve regeneration	Live surgery 2	Ultrasound	
11:30 - 12:30	New indications for nerve transfers (pushing the borders)	Tumors		
12:30 - 13:45	Lunch break / Lunch symposia			
13:45 - 14:45	Neuropatic pain and CRPS	Live surgery 3	Fracture fixation 2	
14:45 - 15:30				
15:30 - 16:00	Coffee break			
16:00 - 17:00	Congenital 1	Outcome measurements	The Research Journey: Evidence Based Medicine, Data Collection And Analysis	
17:00 - 18:00		Live surgery		

Friday, 28 June 2024

	ROOM GROTE ZAAL
08:00-10:00	S045 CMCJ ARTHRITIS & ARTHROPLASTY

Chairs: Zaf Naqui, Frederik Verstreken

- A-1082** PATHO-ANATOMY & BIOMECHANICS OF THUMB BASE OA
Gerald Kraan | *Belgium*
10 min
- A-1083** THE EVIDENCE FOR ARTHROPLASTY
Miriam Marks | *Switzerland*
10 min
- A-1084** THE EVIDENCE AGAINST ARTHROPLASTY
Asif Ilyas | *USA*
10 min
- A-1085** PATIENT SELECTION FOR YOUR PRACTICE
Daniel Herren | *Switzerland*
10 min
- A-1086** THE SURGICAL LEARNING CURVE - TIPS AND TRICKS
Frederick Verstreken | *Belgium*
10 min
- A-1087** COMPLICATIONS AND HOW TO DEAL WITH THEM
Adil Trabelsi | *France*
10 min
- A-1088** PUSHING THE BOUNDARIES / COMPLEX CASES
Joris Duerinckx | *Belgium*
10 min
- A-1089** CLINICAL CASE FORUM
Zaf Naqui | *UK*
40 min

ROOM WILLEM BURGER ZAAL

08:00-10:00 S076 COMPRESSION NEUROPATHIES 2

Chairs: Zoe Dailiana, Xavier Gueffier

- A-0536** COMPARISON BETWEEN OUTCOMES OF CARPAL TUNNEL RELEASE AND OPPONENSPLASTY FOR SEVERE CARPAL TUNNEL SYNDROME
Toru Sasaki¹, Kazuya Tsukamoto¹, Koji Fujita² | ¹*Department of Orthopaedic and Spinal Surgery, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Japan;* ²*Division of Medical Design Innovations, Open Innovation Center, Institute of Research Innovation, Tokyo Medical and Dental University (TMDU), Japan*
6 min
- A-0595** HIGH RESOLUTION ULTRASOUND (HRUS) IN PEDIATRIC NERVE COMPRESSION SYNDROME - A CASE SERIES
L. Mailänder¹, N. Ventura¹, M. Scala², S. Kargl¹ | ¹*Clinic for Pediatric Surgery, Kepleruniklinikum Linz, Austria;* ²*Institute for Radiology, Kepleruniklinikum Linz, Austria*
6 min
- A-0716** COMPLICATIONS FOLLOWING ULTRASOUND-GUIDED CARPAL TUNNEL RELEASE – A CASE REPORT SERIES
Magdalena Köhl¹, Ulrike Seeher², Peter Kaiser², Gernot Schmidle², Robert Zimmermann¹, Stephan Sigl¹ | ¹*Department of Plastic, Reconstructive and Aesthetic Surgery, Medical University of Innsbruck, Innsbruck, Austria;* ²*Department of Orthopedic and Trauma Surgery, Medical University of Innsbruck, Innsbruck, Austria*
6 min
- A-0942** ENDOSCOPIC VERSUS MINI-OPEN DECOMPRESSION OF CARPAL CANAL
Hynek Zitek, Ivan Humhej, Jan Lodin | *Department of Neurosurgery, Purkinje University, Masaryk Hospital, Usti nad Labem, Czech Republic*
6 min
- A-0659** FAILED CARPAL TUNNEL DECOMPRESSION SURGERY; A MAGNETIC RESONANCE IMAGING AND CLINICAL ANALYSIS
Sabina Barbur, Tahlia Kerridge, Simon MacLean | *Tauranga Hospital, Bay of Plenty, New Zealand*
6 min
- A-0732** ASSOCIATING CARPAL TUNNEL SYNDROME, DE QUERVAIN TENOSYNOVITIS OR TRIGGER FINGER – A COINCIDENCE?
Anca Bordianu^{1,2}, Irina Zaharia¹ | ¹*"Bagdasar-Arseni" Clinical Emergency Hospital, Bucharest, Romania;* ²*"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania*
6 min

- A-0704** DOES THE PRESENCE OF CARPAL TUNNEL SYNDROME INCREASE THE PROBABILITY OF TRIGGER FINGER? A SYSTEMATIC REVIEW AND META-ANALYSIS
 Judit Réka Hetthéssy^{1,2}, Luca Hergár^{3,4}, Barbara Sebók^{2,5}, Péter Sallai^{6,7} | ¹*Hand Clinic, Budapest, Hungary*; ²*Semmelweis University School of PhD Studies Workgroup for Science Management, Budapest, Hungary*; ³*Semmelweis University, Department of Orthopaedics, Budapest, Hungary*; ⁴*Semmelweis University, Centre for Translational Medicine, Budapest, Hungary*; ⁵*Dr. Manninger Jenő Trauma Centre Budapest, Budapest, Hungary*; ⁶*St. Pantaleon Hospital, Department of Traumatology, Dunaújváros, Hungary*; ⁷*Saska-Med Bt. Outpatient Clinic for Orthopedics, Traumatology and Hand Surgery, Hungary*
 6 min
- A-0880** REVIEW OF PATIENTS WITH SPINAL INJURY WHO HAVE UNDERGONE ENDOSCOPIC CARPAL TUNNEL RELEASE FOR CARPAL TUNNEL SYNDROME
 Soha Sajid¹, Amrit Jha², Rebecca Shirley³, Samar Mousa³, Simon Pickard² | ¹*Dudley Group of Hospitals, Dudley, UK*; ²*Robert Jones Agnes Hunt Orthopaedic Hospital, Oswestry, UK*; ³*Stoke Mandeville Hospital, Buckinghamshire, UK*
 6 min
- A-1041** POST-OPERATIVE OUTCOME AFTER ULTRASOUND-GUIDED PERCUTANEOUS CARPAL TUNNEL SURGERY: A PROSPECTIVE STUDY
 Amandine Ledoux, Fabian MOUNGONDO | *Erasmee - Université Libre de Bruxelles, Belgique*
 6 min
- A-0585** IMPACT OF EXPOSURE BY HAND-HELD VIBRATING TOOLS ON PATIENT-REPORTED OUTCOME MEASURES AFTER OPEN CARPAL TUNNEL RELEASE – A RETROSPECTIVE COHORT STUDY WITH MATCHED CONTROLS
 Malin Zimmerman^{1,2}, Lisa Åselius², Erik Dahlin^{2,3}, Gert S Andersson⁴, Lars B Dahlin^{2,5,6} | ¹*Department of Orthopedics, Helsingborg Hospital, Helsingborg, Sweden*; ²*Department of Translational Medicine – Hand Surgery, Lund University, Lund, Sweden*; ³*Department of Orthopedics, Central-lasarettet, Växjö, Sweden*; ⁴*Dept. of Clinical Sciences Lund, Clinical Neurophysiology, Lund University and Skåne University Hospital*; ⁵*Department of Hand Surgery, Lund University, Skåne University Hospital, Malmö, Sweden*; ⁶*Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden*
 6 min
- A-0750** ESTABLISHING THE RELIABILITY AND REPRODUCIBILITY OF ULTRASOUND FOR MEASURING PEDIATRIC MEDIAN NERVE SIZE: A PROSPECTIVE STUDY OF TYPICALLY DEVELOPED, HEALTHY PEDIATRIC PATIENTS AGED 2-10 YEARS-OLD
 Sophie Hollenberg¹, Gretchen Maughan², Nikolas Kazmers², Douglas Hutchinson², Brittany Garcia² | ¹*University of Arkansas for Medical Sciences*; ²*University of Utah*
 6 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
08:00-09:00	S046 PROXIMAL PHALANX FRACTURES
	Chairs: Balazs Lenkei, Inga Besmens
A-1159	CONSERVATIVE TREATMENT János Rupnik <i>Hungary</i> 12 min
A-1160	PIN FIXATION Balazs Lenkei <i>Hungary</i> 12 min
A-1161	INTRAMEDULLARY SCREW FIXATION Inga Besmens <i>Switzerland</i> 12 min
A-1162	PLATE AND SCREW FIXATION Ryan Trickett <i>UK</i> 12 min
A-1163	DISCUSSION AND CASES Balazs Lenkei <i>Hungary</i> 12 min

Friday, 28 June 2024

	ROOM VAN WEELE ZAAL
08:00-10:00	S012 WRIST BIOMECHANICS AND PATHOLOGY
	Chairs: Belen Garcia Medrano , Anna Carreno
A-0988	IMPINGEMENT OF TORN TFCC IN THE SAGITTAL PLANE AND ITS RELATION WITH DRUJ INSTABILITY YoungJoon Jeon ¹ , SeongJu Choi ² , Kee Jeong Bae ³ , Yohan Lee ^{1,3} ¹ Department of Orthopaedic surgery, Seoul National University, College of Medicine, Seoul, Korea; ² Department of Orthopaedic surgery, Nowon Eulji Medical Center, Eulji University School of Medicine, Seoul, Korea; ³ Department of Orthopaedic surgery, Seoul National University Boramae Medical Center, Seoul, Korea 6 min
A-0575	LONG TERM OUTCOMES OF ULNAR HEAD ARTHROPLASTY Shruti Raut, Sumedh Talwalkar, Ian A Trail <i>Wrightington Hospital, UK</i> 6 min
A-0587	ISOLATED DORSAL DISLOCATION OF THE DISTAL RADIOULNAR JOINT: A SYSTEMATIC REVIEW Thomas Cash, James Kennedy, Daniel Brown <i>Liverpool University Hospitals NHS Foundation Trust, Liverpool, UK</i> 6 min

- A-0885** COMPARISON OF ULNAR SHORTENING OSTEOTOMY FOR IDIOPATHIC ULNAR IMPACTION SYNDROME USING CONVENTIONAL OR ULNAR OSTEOTOMY PLATES AND WITH OR WITHOUT INTERFRAGMENTARY SCREW FIXATION
Jong Pil Kim¹, Su Hyun Choi¹, Kyung Wook Kim² | ¹*Naeun Pil Hospital, Cheonan, South Korea;*
²*Dankook University Hospital, Cheonan, South Korea*
6 min
- A-0657** IS EARLY ACTIVE MOBILIZATION AFTER OPEN TFCC REPAIR NON-INFERIOR TO LATE ACTIVE MOBILIZATION? A PROPENSITY SCORE MATCHING STUDY
Sebastiaan T. Peters^{1,2,3}, Joris S. Teunissen^{1,4}, J. Sebastiaan Souer⁵, Hand-Wrist Study Group¹, & Robbert M. Wouters¹ | ¹*Rehabilitation Medicine and Plastic, Reconstructive and Hand Surgery, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands;* ²*Center for Hand Therapy, Xpert Handtherapie, Utrecht, The Netherlands;* ³*Physical Therapy Sciences, program in Clinical Health Sciences, University Medical Center Utrecht, Utrecht, The Netherlands;* ⁴*Department of Plastic, Reconstructive, and Hand Surgery, Radboud University Medical, Center, Radboud Institute for Health Sciences, Nijmegen, The Netherlands;* ⁵*Hand and Wrist Center, Xpert Clinics, Eindhoven, The Netherlands*
6 min
- A-0699** SAGITTAL EVALUATION OF MRI IN DORSAL AND FOVEAL TEAR OF TFCC
Chang-Hun Lee¹, Keong Yoon Kim¹, Yongng Seok Lee¹, Wan Sun Choi², Joo-Hak Kime¹, Kwang-Hyun Lee¹ | ¹*Hanyang University College of Medicine, South Korea;* ²*Ajou University College of Medicine, South Korea*
6 min
- A-0271** BIOMECHANICAL CADAVERIC STUDY OF A METHOD FOR REINSERTION OF THE TRIANGULAR FIBROCARILAGE COMPLEX WITHOUT FOVEAL PERFORATION
Maria Tibau Alberdi¹, Miguel Pérez Abad^{1,2}, Àngel Ferreres Claramunt², Montserrat del Valle Jou³, Diana Noriego Muñoz⁴, Alfonso Rodríguez Baeza⁵ | ¹*Hospital de Mataró, Mataró, Spain;* ²*Institut kaplan, Barcelona, Spain;* ³*Hospital de l'Esperit Sant, Santa Coloma de Gramenet, Spain;* ⁴*Hospital Josep Trueta, Girona, Spain;* ⁵*Universitat Autònoma de Barcelona, Barcelona, Spain*
6 min
- A-0403** STRESS CHANGES IN THE LUNATE AND SCAPHOID BONE DUE TO CLOSING RADIAL WEDGE OSTEOTOMY; INVESTIGATION OF OPTIMAL OSTEOTOMY ANGLE FOR KIENBOCK'S AND PREISER'S DISEASE USING FINITE ELEMENT ANALYSIS
Atsushi Hojo, Yusuke Matsuura, Takahiro Yamazaki, Takashi Nomoto, Ryutarō Iwasaki, Seiji Ohtori | *Department of Orthopedic Surgery, Chiba University, Japan*
6 min

A-0897 LUNATE MOTION IN RELATION TO THE OTHER CARPALS – A 4D CT ANALYSIS IN HEALTHY WRISTS
 Mathias Haefeli^{1,2}, Joris G. M. Oonk², Johannes G.G. Dobbe², Geert J. Streekstra^{2,3}, Gustav J. Strijkers², Philipp Honigmann^{2,4,5} | ¹*Hand Surgery, Cantonal Hospital Graubünden, Chur, Switzerland*; ²*Amsterdam UMC, University of Amsterdam, Department of Biomedical Engineering and Physics, Amsterdam Movement Sciences, Amsterdam, Netherlands*; ³*Department of Radiology, Academic Medical Center, University of Amsterdam, Amsterdam Movement Sciences, Amsterdam, The Netherlands*; ⁴*Hand and Peripheral Nerve Surgery, Cantonal Hospital Baselland, Bruderholz, Switzerland*; ⁵*Medical Additive Manufacturing, Department of Biomedical Engineering, University Basel, Switzerland*
 6 min

A-0051 A BIOMECHANICAL STUDY ON THE STRENGTH OF ARTHRODESIS TECHNIQUES FOR OSTEOARTHRITIS OF THE THUMB CARPOMETACARPAL JOINT
 Kaoru Tada¹, Daiki Nishi², Akihiro Kurosawa², Mika Akahane¹, Soichiro Honda¹, Akari Mori¹, Masahiro Higuchi², Hiroshi Tachiya², Hiroyuki Tsuchiya¹ | ¹*Department of Orthopedic Surgery, Graduate School of Medical Sciences, Kanazawa University, Kanazawa, Japan*; ²*Institute of Science and Engineering, Faculty of Mechanical Engineering, Kanazawa University, Kanazawa, Japan*
 6 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
08:00-09:00	S043 BRACHIAL PLEXUS BIRTH INJURY NEWS

Chair: Gürsel Leblebicioğlu

A-1174 WHAT WOULD WE DO BETTER?
 Jörg Bahm | *Germany*
 15 min

A-1175 THE NEED FOR CENTRAL NERVOUS SYSTEM ADAPTATION AFTER PERIPHERAL NERVE REPAIR
 Willem Pondaag | *The Netherlands*
 15 min

A-1176 MYOBREVOPATHY - A CAUSE FOR SECONDARY PROBLEMS IN BPBI?
 Gürsel Leblebicioğlu | *Turkey*
 15 min

Discussion
 15 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
08:00-09:00	S048 LIVE SURGERY 1

Chair: J. Henk Coert

Surgeons: Fraser Leversedge, Joaquim Casañas

Moderator LAB: Assa Braakenburg, Ivan Ducic

Moderator de Doelen: Erik Walbeehm

Friday, 28 June 2024

	ROOM ZALEN 5-6
08:00-09:00	S049 TENDON SUTURE TECHNIQUE 2

Chairs: Ana Pinto, Nico Schwalfenberg

The workshop will focus on practical aspects of flexor tendon suture. Models, suture material and instruments will be provided to make practical exercises. Experienced faculty will explain the most crucial points and will supervise participants during practical part.

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
09:00-10:00	S052 WRIST ARTHROPLASTY SURGERY, CAN IT BE GOLD STANDARD FOR DEGENERATIVE WRIST CONDITIONS?

Chair: Ole Reigstad

A-1164 CONTEMPORARY WRIST ARTHROPLASTIES, CHOOSING PATIENT, IMPLANT AND SURGEON
Ole Reigstad | *Norway*
12 min

A-1165 DIFFERENT DESIGNS, SAME EXPERIENCE?
Sumedh Talwaker | *UK*
12 min

A-1166 HOW TO EVALUATE WRIST ARTHROPLASTY SURGERY
Trygve Holm-Glad | *Norway*
12 min

A-1167 UNDERSTANDING THE FAILURES, REVISING AND GETTING IT RIGHT
Daniel Brown | *UK*
12 min

Discussion

12 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
09:00-10:00	S050 SPASTICITY – WORST CASE SCENARIO SESSION, CASE BASED PRESENTATIONS

Chairs: Shai Luria, Layalee Abu Nasser

Through case discussions, we aim to tackle some of the more difficult aspects of care of patients with upper extremity spasticity.

- A-1121** DYSTONIA VS SPASTICITY
Wee Lam | *UK*
10 min
- A-1120** DYSTONIA TAKE 2
Max Horwitz | *UK*
10 min
- A-1122** THUMB IN PALM DEFORMITY
Miryam Obdeijn | *The Netherlands*
10 min
- A-1123** FINGER DEFORMITY
Peter Rhee | *US*
10 min
- A-1124** DEVELOPMENTAL DISREGARD
Shai Luria | *Israel*
10 min
- A-1125** SUMMARY, Q&A
Shai Luria, Layalee Abu Nasser | *Israel*
10 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
09:00-10:00	S054 UTS AND TOS

Chairs: Kai Megerle, Philippe Cuenod

- A-0194** GILLIATT-SUMNER HAND (GSH)– OPERATE BEFORE IT'S TOO LATE!
Madi El-Haj, Safran Ori, Sofia Vorobeitchik, Tal Eliav, Beyth Shaul | *Hadassah Hebrew University Medical Center, Jerusalem, Israel*
6 min

- A-0238** INCREASING BODY MASS INDEX AND THE RISK OF ULNAR NERVE ENTRAPMENT IN INDIVIDUALS WITHOUT DIABETES
 Mattias Rydberg^{1,2}, Malin Zimmerman^{1,2,3}, Lars B. Dahlin^{1,2} | ¹*Department of Hand Surgery, Lund University, Skåne University Hospital, Malmö, Sweden;* ²*Department of Translational Medicine – Hand Surgery, Lund University, Lund, Sweden;* ³*Department of Orthopaedics, Helsingborg Hospital, Helsingborg, Sweden*
 6 min
- A-0284** CHRONIC PAIN CHARACTERISTICS OF PATIENTS WITH THORACIC OUTLET SYNDROME
 Şule Tüzen Tek¹, Tüzün Fırat², Ayten Kayı Cangır³ | ¹*Graduate School of Health Sciences, Hacettepe University, Ankara, Turkey;* ²*Faculty of Physical Therapy and Rehabilitation, Hacettepe University, Ankara, Turkey;* ³*Department of Thoracic Surgery, Medicine Faculty of Ankara University, Ankara, Turkey*
 6 min
- A-0500** POSTOPERATIVE RECOVERY OF CUBITAL TUNNEL SYNDROME IN LATE ELDERLY PATIENTS
 Takao Omura^{1,2}, Kaori Sugiura², Michio Sano³, Keika Nishi³, Yukihiko Matsuyama² | ¹*Department of Orthopaedic Surgery, Division of Surgical care, Morimachi, Hamamatsu University School of Medicine, Japan;* ²*Department of Orthopaedic Surgery, Hamamatsu University School of Medicine, Japan;* ³*Department of Orthopaedic Surgery, Shizuoka City Shizuoka Hospital, Japan*
 6 min
- A-0938** TOTAL SUBMUSCULAR TRANSPOSITION ACCORDING TO LEARMONTH: THE DESIGNATED TECHNIQUE FOR PATIENTS WITH RECURRENT CUBITAL TUNNEL SYNDROME?
 Nienke H.A. Mendelaar¹, Caroline A. Hundepool¹, Liron S. Duraku², Alexander Y. Shin³, J. Michiel Zuidam¹ | ¹*Erasmus Medical Centre, Rotterdam, The Netherlands;* ²*Amsterdam UMC, Amsterdam, The Netherlands;* ³*Mayo Clinic, Rochester, Minnesota, USA*
 6 min
- A-0967** FEASIBILITY OF A FASCIAL FLAP TO AVOID ANTERIOR TRANSPOSITION OF UNSTABLE ULNAR NERVE: A CADAVER STUDY
 Marco D'Orto¹, Camillo Fulchignoni¹, Rocco De Vitis¹, Marco Passiatore², Giuseppe Taccardo¹, Luciana Marzella³, Alberto Lazzerini³ | ¹*Department of Orthopaedics, Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome, Italy;* ²*Bone and Joint Surgery Department, ASST - Spedali Civili, Brescia, Italy;* ³*Galeazzi Orthopaedic Institute, Milano, Italy*
 6 min
- A-0815** THE NOVEL AND VALIDATED THORACIC OUTLET SYNDROME TOSI TO EVALUATE THE FUNCTION AND QUALITY OF LIFE (QOL) IN PATIENTS WITH TOS
 Niina Ruopasa^{1,3}, Heidi Vastamäki^{1,2}, Leena Ristolainen¹, Tero Vahlberg⁴, Katri Laimi⁵, Mikhail Saltychev⁵, Martti Vastamäki¹ | ¹*Research Institute Orton, Helsinki, Finland;* ²*Mehiläinen Neo Sports Hospital, Turku, Finland;* ³*Tampere University Hospital, Tampere, Finland;* ⁴*BioStatistics, University of Turku, Turku, Finland;* ⁵*Turku University Hospital, Turku, Finland*
 6 min

Friday, 28 June 2024

	ROOM ZALEN 7-8
09:00-10:00	S055 WRIST EXAMINATION

Chairs: Radek Kebrle, Alex Lluch

The workshop will focus on clinical examination of the wrist including different pathologies as arthritis, instability, overuse syndromes. Practical approach will be demonstrated and discussed by experienced faculty. Small group and time for discussions will enable participants to ask questions and get direct comments.

Friday, 28 June 2024

	ROOM GROTE ZAAL
10:30-12:30	S057 PROMS: FROM CHAOS TO PRACTICAL APPLICATIONS! PROMS UNITED

Chairs: Brigitte van der Heijden, Steven Hovius

- A-1200** WHY DO WE NEED PROMS FOR FOLLOW-UP IN HAND SURGERY? LINKAGE OF HAKIR DATA WITH OTHER REGISTERS
Lars Dahlin | *Sweden*
12 min
- A-1202** HOW REGISTRY DATA CHANGED MY PRACTICE IN SMALL JOINT ARTHROPLASTY
Daniel Herren | *Switzerland*
8 min
- A-1203** PROMS: STANDARD SET VERSUS YOUR OWN CHOICE
Miriam Marks | *Switzerland*
8 min
- A-1204** WHY WE NEED A SPECIFIC PREFERENCE-BASED MEASURE FOR HAND CONDITIONS?
Jeremy Rodrigues | *UK*
8 min
- Short discussion and Polls**
10 min
- A-1205** OPTIMIZING PROMS IN HAND AND WRIST SURGERY?
Joris Teunissen | *The Netherlands*
8 min
- A-1206** GET YOUR MINDSET ON THE PATIENT'S MINDSET
Robbert Wouters | *The Netherlands*
8 min

- A-1207** SUPEXOR: IMPLEMENTING THE ICHOM HAND AND WRIST DATA SET IN SWITZERLAND
Maurizio Calcagni | *Switzerland*
8 min
- A-1208** CLINICAL DECISION SUPPORT TOOLS
Harm Slijper | *The Netherlands*
8 min
- A-1209** INNOVATING COLLABORATIVE PROM-BASED RESEARCH
Ruud Selles | *The Netherlands*
8 min
- Panel Discussion**
34 min

Friday, 28 June 2024

	ROOM WILLEM BURGER ZAAL
10:30-11:30	S058 WRIST INSTABILITIES: FROM MECHANICS TO ARTHROPATHY

Chairs: Alex Lluch, Zaf Naqui

- A-1210** CORRELATION BETWEEN BIOMECHANICS AND CLINICS IN WRIST INSTABILITIES
Mireia Esplugas | *Spain*
10 min
- A-1212** WRIST ARTHROSIS: WHY IT HAPPENS?
Carlos Heras-Palou | *UK*
10 min
- A-1213** LIGAMENT RECONSTRUCTION IS NOT FOR FREE
Alex Lluch | *Spain*
10 min
- Q&A, Case based discussion presented by Zaf Naqui**
20 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
10:30-11:30	S060 HAND SURGERY IN HUMANITARIAN MISSIONS

Chairs: Piotr Czarnecki, Leila Harhaus

- A-1150** HOW TO PREPARE FOR HAND SURGERY MISSION?
Bastian Bonaventura | *Germany*
8 min

- A-1151** HAND SURGERY: WHAT ARE THE DIFFERENCES IN A MISSION
Leila Harhaus | *Germany*
8 min
- A-1152** HUMANITARIAN HAND SURGERY IN CHILDREN
Stefan Krieger | *Austria*
8 min
- A-1153** WHAT CAN MAKE YOU SURPRISED?
Piotr Czarnecki | *Poland*
8 min
- A-1154** DOUBTS IN THE MISSION - PROBLEMS, LIMITATIONS, ETHICS – INTRODUCTION AND PANEL DISCUSSION
Urs Hug | *Switzerland*
15 min
- Q&A**
10 min

Friday, 28 June 2024

	ROOM VAN WEELDE ZAAL
10:30-11:30	S065 HOW TO HAVE FUN IN HAND SURGERY

Moderators: Camillo Fulchignoni, Letizia Marengi, Marina Brndusic, Anuhya Vusirikala

YEHS committee will try to show young hand surgeons how it is possible to have fun with hand surgery. The focus will be taken to YEHS activity, a Quiz will be organized, a drawing session will be planned, and finally, different winners of FESSH fellowships will discuss their experience and tell us about the “funny” fellowship.

- A-1214** YEHS PRESENTATION
Camillo Fulchignoni | *Italy*
10 min
- Quiz**
20 min
- A-1215** DRAWING SESSION
Theresia Steikelner | *Austria*
15 min
- A-1216** CONGRESS FELLOWSHIP WINNER
Natan Silver | *UK*
5 min

A-1217 A TRAVEL AWARD WINNER
Belen Garcia Medrano | *Spain*
5 min

A-1218 SHARK TANK WINNER
Olimpia Mani | *Italy*
5 min

Friday, 28 June 2024

ROOM EDUARD FLIPSE ZAAL

10:30-11:30 S056 NEW INNOVATIONS IN NERVE REGENERATION

Chairs: Erika Nyman, Lars Dahlin

Despite considerable research efforts over the last 2 decades, post-operative results after nerve co-aptation remain unsatisfying. This session will touch on new innovative approaches to improve clinical outcome in our patients.

A-1126 NEW APPROACHES IN NERVE REGENERATION – FROM MICROBIOTA TO BIOPHYSICS
Stefano Geuna | *Italy*
10 min

A-1127 ARE IMMUNOSUPPRESSANTS OUR WAY TO IMPROVE NERVE REGENERATION FURTHER?
Simeon Daeschler | *Germany*
10 min

A-1128 POLYNERVE – DEVELOPMENT OF A NEW CONDUIT AND THE TRANSLATIONAL WORK OF BRINGING IT TO PATIENTS
Adam Reid | *UK*
10 min

A-1129 SUPERCHARGED NERVES AND BABYSITTERS – WHERE DO WE STAND ON NERVE TRANSFERS TO AUGMENT NERVE REGENERATION?
Dominic Power | *UK*
10 min

A-1130 PROTEOMICS - A KEY FOR FUTURE IMPROVEMENT OF NERVE REGENERATION IN HUMANS?
Lars Dahlin | *Sweden*
10 min

Discussion
10 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
10:30-11:30	S061 LIVE SURGERY 2

Chair: J. Henk Coert

3D PLANNING AND PATIENT SPECIFIC DISTAL RADIUS RECONSTRUCTION AND AFTERWARDS PIP PROSTHESIS

Surgeons: Niels Schep and Stephan Schindele

Moderator LAB: Assa Braakenburg

Moderator de Doelen: Frederik Verstreken

3D planning and patient specific forearm reconstruction

Surgeons: Hermann Krimmer and Gernot Schmidle

Moderator LAB: Assa Braakenburg

Moderator de Doelen: Frederik Verstreken

Friday, 28 June 2024

	ROOM ZALEN 5-6
10:30-12:30	S062 ULTRASOUND

Chairs: Esther Vögelin, Xavier Gueffier

Faculty members will guide participants through the different fields of Wrist and Hand Ultrasound used for diagnosis and surgical treatment. Surgeons will learn a step-by-step approach to perform ultrasound examination of the wrist and hand, first step to begin ultrasound surgical procedures.

Ultrasound principles

A-1305 FIRST STEPS USING AN ULTRASOUND DEVICE

Fizan Younis | *UK*

5 min

A-1306 ULTRASOUNDS LANDMARK

Xavier Gueffier | *France*

5 min

Practical workshop with faculty members

25 min

Ultrasound diagnosis

A-1307 CARPAL TUNNEL SYNDROM

Esther Vögelin | *Switzerland*

10 min

- A-1308** TRIGGER FINGER / STENER LESION/ PULLEY TEAR
Xavier Gueffier | *France*
10 min
- A-1460** DE QUERVAIN DISEASE
Amadine Ledoux | *Luxembourg*
5 min
Practical workshop with faculty members
25 min
- Ultrasound surgery**
- A-1309** ULTRASOUND INFILTRAATION
Sebastian Kluge | *Switzerland*
5 min
- A-1310** PERCUTANEOUS TRIGGER FINGER RELEASE
Fabien Mougondo | *Belgium*
5 min
- A-1311** CARPAL TUNNEL RELEASE
Carla Nunes | *Portugal*
5 min
- A-1312** DE QUERVAIN RELEASE
Fabien Mougondo | *Belgium*
5 min

Friday, 28 June 2024

ROOM WILLEM BURGER ZAAL	
11:30-12:30	S064 3D ANALYSIS-BASED HANDSURGERY: WHY AND HOW?
	Chair: Anne Vochteloo
A-1131	WHY WOULD YOU USE 3D ANALYSIS IN THE TREATMENT OF HAND AND WRIST PATHOLOGY? Anne Vochteloo <i>The Netherlands</i> 15 min
A-1075	DOS, DON'T AND CHALLENGES WHEN STARTING A 3D LAB Peter Axelsson <i>Sweden</i> 15 min
A-1074	CASE 1 (FOREARM) Alex Berenguer <i>Spain</i> 5 min
A-1132	CASE 2 (WRIST) Frederik Verstrecken <i>Belgium</i> 5 min

A-1076 CASE 3 (SCAPHOID)
Andreas Schweitzer | *Switzerland*
5 min

General discussion and interaction with public
15 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
11:30-12:30	S059 FOREARM ROTATION FROM ELBOW TO WRIST

Chair: Jan Debeij

Forearm rotation is described in 3 joints, the elbow, the forearm and the wrist. At the end of the session an algorithm is proposed for analysis, followed by an interactive discussion.

A-1177 ROTATION PRUJ
Jan Debeij | *The Netherlands*
15 min

A-1178 ROTATION FOREARM
Pieter Caekebeke | *Belgium*
15 min

A-1179 ROTATION DRUJ
Michiel Zuidam | *The Netherlands*
15 min

Discussion
15 min

Friday, 28 June 2024

	ROOM VAN WEELE ZAAL
11:30-12:30	S081 TENDONS

Chairs: Camillo Fulchignoni, Natan Silver

A-0531 THE EFFICACY OF CARBOXYMETHYLCELLULOSE-POLYETHYLENE OXIDE GEL IN ZONE II FLEXOR TENDON INJURY: FROM URGENCY TO REVISION SURGERY
Franco Bassetto, Francesco Messina, Cesare Tiengo, Diego Faccio, Stefano L'Erario, Filippo Andrea Giovanni Perozzo | *Department of Neurosciences, Clinic of Plastic, Reconstructive and Aesthetic surgery of Padua, Padua, Italy*
6 min

- A-0117** UNVEILING THE TRUTH: RECONSIDERING ADDITIONAL TENOSYNOVECTOMY IN DE QUERVAIN'S DISEASE SURGERY
Nutdanai Neti, Yuwarat Monteerarat, Roongsak Limthongthang, Torpon Vathana, Panai Lao-haprasitiporn | *Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*
6 min
- A-0107** EFFECT OF REPETITIVE CORTICOSTEROID INJECTION ON TENNIS ELBOW SURGERY
Cheungsoo Ha^{1,3}, Weonmin Cho¹, Chi-hoon Oh¹, Junhyoung Park², Wooyeol Ahn¹, Soo-Hong Han¹ | ¹*Department of Orthopaedic Surgery, CHA Bundang Medical Center, CHA University, Seongnam-si, Gyeonggi-do, South Korea;* ²*Department of Artificial Intelligence, South Korea University, Seongbuk-ku, Seoul, South Korea;* ³*Department of Orthopaedic Surgery, Armed Force Daejeon Hospital, Daejeon-si, South Korea*
6 min
- A-0940** THE "NASSA" SUTURE IN THE AUTOLOGOUS GRAFT SURGICAL TECHNIQUE FOR EPL INJURIES: LONG-TERM CLINICAL AND ULTRASONOGRAPHIC EVALUATION.
Andrea Cuomo¹, Vittoria Mazzola¹, Federico Vitali¹, Giulia Pachera¹, Federico Zaottini², Alessandra Galuppi¹, Emanuela Dapelo¹, Giacomo Demontis¹, Stefania Briano¹ | ¹*U.O.SSD. Chirurgia della Mano e dell'Arto Superiore IRCCS Policlinico San Martino – Genova;* ²*U.O. Radiologia IRCCS Policlinico San Martino – Genova*
6 min
- A-0495** VOLAR CUT INJURIES REPAIR & REHABILITATION AT GOVERNMENT TERTIARY CARE CENTRE : AN INDIAN PERSPECTIVE
Varnika J.P | ¹*Zoi Hospitals, Ameerpet, Hyderabad* ²*Gandhi Hospital, Secunderabad*
6 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
11:30-12:30	S063 NEW INDICATIONS FOR NERVE TRANSFERS (PUSHING THE BORDERS)

Moderators: Leila Harhaus, Kim Casanas

- A-1095** TMR FOR TREATMENT OF PAIN
Martin Aman | *Germany*
10 min
- A-1096** CORNEAL NEUROTIZATION – A NOVEL SENSORY NERVE TRANSFER APPROACH TO THE ANESTHETIC CORNEA TO IMPROVE OCULAR SURFACE HEALTH AND PREVENT BLINDNESS IN PATIENTS SUFFERING FROM CORNEAL ANESTHESIA
Simeon Daeschler | *Germany*
10 min
- A-1097** SOPHISTICATED TRANSFERS IN TRAUMA
Dominic Power | *UK*
10 min

A-1098 THE DISTAL AIN-TRANSFER FOR ULNAR COMPRESSION NEUROPATHY
Leila Harhaus | *Germany*
10 min

A-1099 END-TO-SIDE VS. FREE GRAFT NERVE RECONSTRUCTION
Piotr Czarnecki | *Poland*
10 min

Discussion
10 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
11:30-12:30	S066 TUMORS

Chairs: Judit Hetthessy, Christian Dumontier

A-0028 OSTEIOD OSTEOMA OF THE HAND: SURGICAL TREATMENT VERSUS CT-GUIDED PERCUTANEOUS RADIOFREQUENCY THERMAL ABLATION

Fabio Vita¹, Gianmarco Tuzzato¹, Davide Pederiva¹, Giuseppe Bianchi¹, Augusto Marcuzzi², Roberto Adani², Paolo Spinnato¹, Marco Miceli¹, Danilo Donati^{3,4}, Marco Manzetti¹, Federico Pilla¹, Cesare Faldini¹ | ¹*IRCCS-Rizzoli Orthopedic Institute, University of Bologna, Bologna, Italy;* ²*Department of Hand Surgery and Microsurgery, University Hospital of Modena, Modena, Italy;* ³*Hand Rehabilitation Unit, Hospital of Modena, Modena Italy;* ⁴*Clinical and Experimental Medicine PhD Program, University of Modena and Reggio Emilia, Modena, Italy*

6 min

A-0564 LOCAL RECURRENCE IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: A MULTICENTER COHORT STUDY

Christianne YMN Jansma^{1,2}, Ibtissam Acem², J Henk Coert¹, Dirk J Grünhagen², Cornelis Verhoef², Enrico Martin¹, MONACO Collaborators† | ¹*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ²*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*

6 min

A-0566 PREOPERATIVE CLASSIFICATION OF NERVE SHEATH TUMORS USING RADIOMICS BASED MACHINE LEARNING

Christianne Y.M.N. Jansma^{1,2}, Ibtissam Acem¹, Xinyi Wan³, Douwe Spaanderman³, Jan-Jaap Visser³, David Hanff³, W. Taal⁴, J. Henk Coert², Cornelis Verhoef¹, Stefan Klein³, Enrico Martin², Martijn P.A. Starmans³ | ¹*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands;* ²*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ³*Department of Radiology and Nuclear Medicine, Erasmus MC, Rotterdam, The Netherlands;* ⁴*Department of Neurology, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*

6 min

- A-0567** THE ROLE OF RADIOTHERAPY IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: A MULTICENTER COHORT STUDY
 Christianne Y.M.N. Jansma^{1,2}, J. Henk Coert¹, Dirk J. Grünhagen², Cornelis Verhoef², Enrico Martin¹, W. Taal³ | ¹Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands; ²Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands; ³Department of Neurology, Erasmus MC Cancer Institute, Rotterdam, The Netherlands
 6 min
- A-0798** SURGERY FOR NERVE TUMORS IN THE UPPER LIMB CAUSES MINOR RESIDUAL PROBLEMS BUT PREOPERATIVE SENSORY DYSFUNCTION CAN BE AN INDICATOR OF A WORSE OUTCOME
 Emanuel Istefan¹, Lars B. Dahlin^{1,2,3}, Erika Nyman^{1,4} | ¹Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden; ²Department of Translational Medicine - Hand Surgery, Lund University, Malmö, Sweden; ³Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden; ⁴Department of Hand Surgery, Plastic Surgery and Burns, Linköping University Hospital, Linköping, Sweden
 6 min
- A-0933** THE PENN CRITERIA: A DIAGNOSTIC ALGORITHM IN THE DETECTION OF ACRAL MELANOMA
 John Keaney¹, Mary Ellen McMahon², Paul Sullivan², Safwat Ibrahim², Kevin Cahill², Fiachra Martin², Roisin Dolan² | ¹Royal College of Surgeons in Ireland, Dublin, Ireland; ²Department of Plastic and Reconstructive Surgery, Beaumont Hospital, Dublin, Ireland
 6 min

Friday, 28 June 2024

	ROOM GROTE ZAAL
13:45-15:30	S070 FESSH CONGRESS FELLOWS AND FESSH RESEARCH FELLOWS SESSION

Come and see what our FESSH Congress fellows have learnt during the 2 weeks observership at leading hand surgery units across the Netherlands. They observed different fields such as arthroplasty, arthroscopy, congenital, microsurgery, peripheral nerve surgery and traumatology. Moreover, a teaching day and a cadaver lab in Rotterdam were also included in the two days before the congress. The aim of this Congress Fellowship Scheme is to promote excellence in hand surgery, support the development and delivery of high-quality care and to build global networks and collaboration.

Meet the fellows and teachers for a chat and a drink at the FESSH Booth right after the session during coffee break. Why not apply for a fellowship yourself in Finland in 2025?

After the session, join the Fellow get-together at FESSH Booth in exhibition area.

- A-1444** INTRODUCTION OF FESSH CONGRESS FELLOWSHIP PROGRAM
 Jonathan Hobby | UK
 5 min

- A-1445** PRESENTATION 1
Chiara Arrigoni | *Italy*
5 min
- A-1446** PRESENTATION 2
Arsen Arsenishvili | *Georgia*
5 min
- A-1447** PRESENTATION 3
Saskia Kamphuis | *Switzerland*
5 min
- A-1448** PRESENTATION 4
Petr Machac | *Hungary*
5 min
- A-1449** PRESENTATION 5
Lisa Mailander | *Austria*
5 min
- A-1450** PRESENTATION 6
Cristian Mitulescu | *Romania*
5 min
- A-1451** PRESENTATION 7
Lisa Ng | *UK*
5 min
- A-1452** PRESENTATION 8
Nora Peterfy | *Hungary*
5 min
- A-1453** PRESENTATION 9
Ana Scott-Tennent | *Spain*
5 min
- A-1454** PRESENTATION 10
Xenia Startseva | *Switzerland*
5 min
- A-1455** PRESENTATION 11
Victoria Struckmann | *Germany*
5 min
- A-1456** PRESENTATION 12
Marie Witters | *Belgium*
5 min
- A-1457** INTRODUCTION OF FESSH RESEARCH FELLOWSHIP PROGRAM
Ruud Selles / Leila Harhaus | *The Netherlands*
5 min

A-1458 PRESENTATION 13
Alexandru Amarandei | *Romania*
5 min

A-1459 PRESENTATION 14
Muhammet Okkan | *Turkey*
5 min

Diploma hand out and group photo

Friday, 28 June 2024

	ROOM WILLEM BURGER ZAAL
13:45-15:30	S072 ARTHRITIS WRIST

Chairs: Urs Hug, Ellada Papadogeorgou

A-0204 PYROCARBON INTERPOSITION VERSUS FOUR-CORNER FUSION IN PATIENTS AROUND 60 YEARS OF AGE: LONG-TERM RETROSPECTIVE STUDY FOR SLAC, SNAC OR SCAC STAGE 3
Lozano^{1,2}, Cointat³, Bouju¹, Kerjean¹, Lecoq¹, Bellemère¹ | ¹*Institut de la Main Nantes-Atlantique, Santé Atlantique, avenue Claude Bernard, Saint-Herblain, France;* ²*Service de Chirurgie de la Main et Reconstruction de l'appareil locomoteur, Centre Chirurgical Emile Gallé, Centre Hospitalier Régional Universitaire de Nancy, Nancy, France;* ³*Service de Chirurgie orthopédique et Chirurgie du Sport, Institut Universitaire Locomoteur et du Sport (iULS) CHU de Nice, Hôpital Pasteur 2, Nice, France*
6 min

A-0341 RISK FACTORS FOR FAILURE AFTER TOTAL WRIST ARTHROPLASTY AND IMPLANT REVISION STRATEGY
Sandra Pfanner, Anna Rosa Rizzo, marco Biondi, Irene Felici, Andrea Poggetti | *Hand Surgery and Reconstructive Microsurgery Department, AOU Careggi Florence, Italy*
6 min

A-0388 LONG-TERM RESULTS OF RADIOCARPAL PYROCARBON IMPLANT INTERPOSITION : 41 IMPLANTS WITH A MINIMUM FOLLOW-UP OF 10 YEARS
Clément Berry¹, Etienne Gaisne², Yves Kerjean², Thierry Loubersac², Philippe Bellemère² | ¹*CHU Amiens Picardie, France;* ²*Institut de la main Nantes Atlantiques, France*
6 min

A-0395 EFFECT OF ANTIRESORPTIVE THERAPY ON DEVELOPMENT OF POST-TRAUMATIC OSTEO-ARTHRITIS AFTER INTRA-ARTICULAR DISTAL RADIUS FRACTURE
Ji Sup Hwang, Hyun Sik Gong, Wan Kee Hong, Dong Uk Jin, Jihyeung Kim, Yohan Lee, Kee Jeong Bae, Young Ho Lee | *Seoul National University College of Medicine, Seoul, Republic of Korea*
6 min

A-0478 COMPUTER-AIDED THREE-DIMENSIONAL ANALYSIS OF CARPAL MALALIGNMENT IN SCAPHOLUNATE ADVANCED COLLAPSE (SLAC) WRISTS
Mikko Alanen, Samuli Aspinen, Theresa Höglund, Robert Sippo, Eero Waris | *Helsinki university hospital, Helsinki, Finland*
6 min

- A-0734** REPLICATION OF COMPLEX MOVEMENT PATTERNS OF THE WRIST: A CADAVERIC STUDY OF THE MOTEC TOTAL WRIST ARTHROPLASTY
Joanna Glanville¹, James Kennedy², Karl Bates¹, Sebastian Fichera¹, Daniel Brown^{1,2} | ¹University of Liverpool, UK; ²Liverpool University Hospitals NHS Foundation Trust, UK
6 min
- A-0857** CAUSES OF REVISION SURGERY IN TOTAL WRIST ARTHROPLASTY: A MULTICENTRE STUDY
Natan Silver¹, Shruti Raut², Rami Estfan³, Greg Packer³, Sumedh Talwalkar², Daniel Brown¹ | ¹Liverpool University Hospitals Foundation Trust, Liverpool, UK; ²Wrightington Hospital, Apley Bridge, UK; ³Southend University Hospital, Southend-on-Sea, UK;
6 min
- A-0130** THE EFFECT OF MIDCARPAL FUSIONS ON DART THROWER'S MOTION: A CADAVERIC STUDY
Alexandra Thompson¹, James Kennedy^{1,2}, Philippa Rust^{1,2} | ¹The University of Edinburgh, Edinburgh, UK; ²Hooper Hand Unit, St John's Hospital, Livingston, UK
6 min
- A-0471** FOUR CORNER FUSION: RETROSPECTIVE ANALYSIS OF THE RESULTS FROM THE LARGEST NATIONAL SERIES TO DATE, USING A RADIOLUCENT DORSAL LOCKING PLATE
Lorena Parra, Marisol Martí, Cristobal Greene, Arturo Verdugo, Alejandro Opazo, Guillermo Dropelman | *Clínica MEDS, Santiago, Chile*
6 min
- A-0894** TECHNICAL CHALLENGES AND SURGICAL STRATEGIES IN REVISION TOTAL WRIST ARTHROPLASTY
Natan Silver¹, Shruti Raut², Rami Estfan³, Greg Packer³, Sumedh Talwalkar², Daniel Brown¹ | ¹Liverpool University Hospitals Foundation Trust, Liverpool, UK; ²Wrightington Hospital, Apley Bridge, UK; ³Southend University Hospital, Southend-on-Sea, UK;
6 min
- A-0993** REVISION WRIST ARTHROPLASTY
Rami Estfan, Francesca Hill, Greg Packer | *Mid and South Essex NHS Trust, Southend University Hospital, UK*
6 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
13:45-15:30	S073 SCAPHOID FRACTURE AND RECONSTRUCTION

Chairs: Pascal Hanneman, Feiran Wu

- A-1007** DIFFERENCES IN SCAPHOID DENSITIES OF THE INTACT BONE: ANALYSIS OF SIX SEGMENTS
Liliane A. Freundt, Ingmar W.F. Legerstee, Oscar Y. Shen, Ryan Weiss, Frank J. Simeone, Chai Mudgal | *Massachusetts General Hospital/Harvard Medical School, USA*
6 min

- A-0191** BONE REMODELLING AFTER SCAPHOID FRACTURES – A LONGITUDINAL LONGTERM TRIAL
Stefan Benedikt¹, Kerstin Stock¹, Lukas Horling¹, Gernot Schmidle¹, Gerald Degenhart², Michael Schirmer³, Claudia Lamina⁴, Michael Blauth¹, Rohit Arora¹ | ¹*Department of Orthopaedics and Traumatology, Medical University Innsbruck, Austria;* ²*Department of Radiology, Medical University Innsbruck, Austria;* ³*Department of Internal Medicine, Medical University Innsbruck, Austria;* ⁴*Department of Medical Genetics, Molecular and Clinical Pharmacology, Austria*
6 min
- A-0202** SIMPLE EXCISION OF PROXIMAL POLE SCAPHOID NONUNION. CAN THIS BE A TREATMENT?
Ana Scott-Tennent De Rivas^{1,2}, Pau Forcada Calvet^{1,2}, Mireia Eplugas Mimó³, Àlex Lluch Bergadà^{3,4}, Maria Larrea Zabaló³, Ignacio Esteban Feliu⁴, Marc García-Elias³ | ¹*Hospital Universitari Arnau de Vilanova, Lleida, Spain;* ²*Hospital Universitari Santa Maria, Lleida, Spain;* ³*Institut Kaplan, Barcelona, Spain;* ⁴*Hospital Universitari Vall d'Hebron, Barcelona, Spain*
6 min
- A-0366** ASSESSING RE-FRACTURE RISK IN SCAPHOID WAIST FRACTURE PARTIAL UNIONS SUBJECT TO SPORTING LOADS: A FINITE ELEMENT STUDY
James Martin¹, Nick Johnson², Jenny Shepherd³, Joseph Dias¹ | ¹*University Hospitals of Leicester, Infirmary Square, Leicester;* ²*Department of Health Sciences, University of Leicester, University Road, Leicester;* ³*School of Engineering, University of Leicester, University Road, Leicester*
6 min
- A-0300** A COMPARATIVE STUDY OF VOLAR LOCKING-PLATE FIXATION WITH CORTICOCANCELLOUS AND PURE CANCELLOUS BONE GRAFTS FOR SCAPHOID NONUNION WITH DORSAL INTERCALATED SEGMENTAL INSTABILITY SECONDARY TO SCAPHOID HUMPBACK DEFORMITY
Joung Woo Shin, Jong Woong Park, Jung Il Lee | *Department of Orthopedic Surgery, Korea University College of Medicine, Seoul, South Korea*
6 min
- A-0301** MAGNETIC RESONANCE IMAGING ANALYSIS OF THE DISTRIBUTION OF CARTILAGE DAMAGE IN SCAPHOID NONUNION
Hyoung Seok Jung¹, Sujin Kim², Bo Mi Chung², Hyun il Lee³, Jae-Sung Lee⁴ | ¹*Department of Orthopaedic Surgery, Chung-Ang University Gwangmyeong Hospital, Gwangmyeong, South Korea;* ²*Department of Radiology, Hospital of Chung-Ang University of Medicine, Seoul, South Korea;* ³*Department of Orthopaedic Surgery, Ilsan-Paik Hospital, Inje University College of Medicine, Goyang, South Korea;* ⁴*Department of Orthopaedic Surgery, Hospital of Chung-Ang University of Medicine, Seoul, South Korea*
6 min
- A-0811** 3D CT ASSESSMENT OF ACUTE SCAPHOID FRACTURE PATTERNS
Jon Compson | *Kings College Hospital, London, UK*
6 min
- A-0116** ARTHROSCOPIC BONE GRAFT AND INTERNAL FIXATION OF SCAPHOID NONUNION: REGULAR TO COMPLEX AND UNIQUE CASES
Muntasir Mannan Choudhury, Dawn Sinn Yii Chia, Jackson Kian Hong Jiang | *Department of Orthopaedic Surgery, Sengkang General Hospital, Singapore*
6 min

- A-0547** SCAPHOID RECONSTRUCTION USING A NON-VASCULARISED BONE GRAFT WITH AND WITHOUT ADDITIONAL INTRAOPERATIVE SHOCKWAVE THERAPY (ESWT) - RESULTS OF A PROSPECTIVE STUDY
 Marion Mühldorfer-Fodor¹, Matthias Wagner², Tanja Kottmann³, Jörg van Schoonhoven¹, Karl-Josef Prommersberger^{1,4}, Jakob Richard Schnegg^{1,5} | ¹*Clinic for Hand Surgery, Rhön Klinikum Campus Bad Neustadt, Germany;* ²*Clinic for Diagnostic Radiology, Rhön Klinikum Campus Bad Neustadt, Germany;* ³*Clinical Research Organisation (CRO) Hamm, Germany;* ⁴*Department of Elective Hand Surgery, St. Josef Hospital Schweinfurt, Germany;* ⁵*Department of Hand and Plastic Surgery, Cantonal Hospital Winterthur, Switzerland*
 6 min
- A-0688** RELIABILITY FOR THE CT SCAN ASSESSMENT OF UNION AFTER SURGERY FOR SCAPHOID FRACTURES AND NONUNION
 Morten Kjær¹, Dimitar Ivanov Radev², Robert Gvozdenovic¹ | ¹*Department of Hand Surgery, Herlev-Gentofte University Hospital of Copenhagen, Denmark;* ²*Department of Radiology, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark*
 6 min
- A-0903** WAIST DOWN TO WAIST UP- TRI-CORTICAL ILIAC CREST GRAFT IS A RELIABLE OPTION IN THE MANAGEMENT OF SCAPHOID WAIST NON-UNIONS
 Vivek Singh, Roop Bhushan Kalia, Aditya K.S | *All India Institute of Medical Sciences, Rishikesh, India*
 6 min
- A-0913** CLINICAL AND RADIOLOGICAL EVALUATION OF SURGICAL TREATMENT OUTCOMES IN NONUNION OF THE SCAPHOID IN CHILDREN AND ADOLESCENTS
 Piotr Koschel, Leszek Kaczmarek, Piotr Czarnecki | *Department of Traumatology, Orthopaedics and Hand Surgery, Poznan University of Medical Sciences, ORSK im. W. Degi, Poznań, Ul. 28 Czerwca 1956 r. 135/147, 61-545 Poznań, Poland*
 6 min

Friday, 28 June 2024

	ROOM VAN WEELE ZAAL
13:45-15:30	S071 MICROSURGERY

Chairs: Emily West, Adam Reid

- A-0110** THE LATERAL CIRCUMFLEX FEMORAL ARTERY CHEMIC TRANSPLANT COMBINED WITH IN-SITU PREFABRICATED AVULSED PALM SKIN IN THE TREATMENT OF SEVERE PALM INJURY
 Xiaoju Zheng, Baoshan Wang, Xinhong Wang, Haijun Li | *Xi'an Fengcheng Hospital, Xi'an City, China*
 6 min
- A-0108** EMERGENCY RECONSTRUCT TRAUMATIC MUSCLE DEFECTS WITH FUNCTIONAL SUPERFICIAL PARTITION VASTUS LATERALIS MUSCLE FLAP
 Xiaoju Zheng, Baoshan Wang, Xinhong Wang, Haijun Li | *Xi'an Fengcheng Hospital, Xi'an City, China*
 6 min

- A-0456** ANALYSIS OF SURGICAL OUTCOMES IN PERIPHERAL NERVE TORSION
Jong Woo Kang¹, Ji Jun Shin¹, Ki Hoon Kim², Dong Hwee Kim² | ¹*Department of Orthopedic Surgery, Korea University College of Medicine, Seoul, South Korea;* ²*Department of Physical Medicine and Rehabilitation, Korea University College of Medicine, Seoul, South Korea*
6 min
- A-0514** VASCULARIZED TOE PROXIMAL INTERPHALANGEAL JOINT TRANSFER IN POSTTRAUMATIC FINGERS: ANALYSIS OF PROGNOSTIC FACTORS FOR SUBOPTIMAL OUTCOMES
Chi-Wei Huang¹, Ming-Huei Lin¹, Che-Hsiung Lee^{1,2}, Shih-Heng Chen^{1,2}, Chung-Cheng Hsu^{1,2}, Cheng-Hung Lin^{1,2}, Ren-Wen Huang^{1,2}, Yu-Te Lin^{1,2,3} | ¹*Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan;* ²*College of Medicine, Chang Gung University, Taoyuan, Taiwan, and;* ³*International Master Science Program in Reconstructive Microsurgery, Chang Gung University, College of Medicine, Taoyuan, Taiwan*
6 min
- A-0744** DETECTION OF ISCHEMIA BY A BIOSENSOR MEASURING TISSUE CARBON DIOXIDE TENSION
Johanne Korslund^{1,3}, Rasmus D Thorkildsen¹, Espen Lindholm², Runar Stray-Amundsen⁴, Tor I Tønnessen^{1,3}, Magne Røkkum^{1,3} | ¹*Oslo University Hospital, Norway;* ²*Vestfold Hospital Trust, Norway;* ³*University of Oslo, Norway*
6 min
- A-0877** LATEST UPDATE ABOUT TREATMENT OF SCAPHOID NONUNION WITH A VASCULARIZED THUMB METACARPAL PERIOSTEAL PEDICLED FLAP
Sergi Barrera-Ochoa¹, Julio Adrian Martínez-Garza¹, Jose Mere-Prieto¹, Gerardo Mendez-Sanchez¹, Esther Mora¹, Francisco Soldado² | ¹*Hand, Elbow and Microsurgery Unit, Institut de la Ma, Hospital General de Catalunya, Barcelona, Spain;* ²*Hospital HM Nens, Barcelona, Spain*
6 min
- A-0660** A NOVEL METHOD FOR DETECTING ISCHEMIA AFTER REPLANTATION
Ole-Gunnar Olsen¹, Rasmus Thorkildsen¹, Andreas Lødrup¹, Johanne Korslund¹, Tor Inge Tønnessen^{1,2}, Espen Lindholm², Magne Røkkum¹ | ¹*Oslo University Hospital Rikshospitalet, Oslo, Norway;* ²*Sensocure AS, Skoppum, Norway*
6 min
- A-0665** MUSCLE-RIB FLAP TRANSFER FOR RECONSTRUCTION OF COMPOSITE UPPER LIMB DEFECTS
Alexandru Valentin Georgescu, Octavian Olariu | *Rehabilitation Clinical Hospital, Cluj Napoca, Romania*
6 min
- A-0727** THE QUALITY OF EXTENSOR OF THE RECIPIENT FINGER DOES AFFECT THE OUTCOMES OF THE VASCULARIZED PIP JOINT TRANSFERS
Yu-Te Lin, Che-Hsiung Lee, Shwu-Huei Lien, Shih-Heng Chen, Cheng-Hung Lin, Chung-chen Hsu | *Chang Gung Memorial Hospital, Linkou, Taiwan*
6 min

A-0952 9-YEAR FOLLOW-UP OF THE REVERSE NEURO CUTANEOUS FLAP BASED ON THE DORSAL BRANCH OF THE ULNAR ARTERY: PALMAR SOFT TISSUE COVERAGE IN CHILDREN
Matthias E. Sporer¹, Jayme A. Bertelli² | ¹Department of Plastic Surgery, Academic Teaching Hospital Feldkirch, Feldkirch, Austria; ²Department of Orthopedic Surgery, Governador Celso Ramos Hospital, Florianópolis, Brazil
6 min

A-0912 REPAIR OF ROTARY AVULSION REPLANTATION OF THUMB BY BRIDGING VEIN GRAFT WITH DEEP METACARPAL ARCH
Li Ling | Shaoying Central Hospital Medical Community General Hospital, China
6 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
13:45-15:30	S069 NEUROPATHIC PAIN AND CRPS

Chairs: Martin Aman, Joaquim Casanas

A-0421 COMPLEX REGIONAL PAIN SYNDROME IN UPPER OR LOWER LIMBS IS ASSOCIATED WITH USE OF PSYCHOTROPIC MEDICATION AS A PROXY FOR PSYCHOLOGICAL HEALTH
Lars B. Dahlin^{1,2,3}, Raquel Perez^{1,4}, Erika Nyman^{3,5}, Malin Zimmerman^{1,2,6}, Juan Merlo^{4,7} | ¹Department of Translational Medicine – Hand Surgery, Malmö, Sweden; ²Department of Hand Surgery, Malmö, Sweden; ³Department of Biomedical and Clinical Sciences, Linköping, Sweden; ⁴Unit for Social Epidemiology, Department of Clinical Sciences (Malmö) Malmö, Sweden; ⁵Department of Hand Surgery, Plastic Surgery and Burns, Linköping, Sweden; ⁶Department of Orthopedics, Helsingborg, Sweden; ⁷Center for Primary Health Research, Malmö, Sweden
6 min

A-0972 COMPARISON OF REGIONAL ANESTHESIA WITH AXILLARY BLOCK AND WALANT FOR CRPS IN COMMON HAND SURGERIES
Ugur Bezirgan¹, Merve Dursun Savran¹, Malik Kismet¹, Erdinç Acar², Yener Yoğun¹, Mehmet Ar-mangil¹ | ¹Ankara University Medical Faculty, Department of Orthopaedics, Traumatology and Hand Surgery, Ankara, Turkey; ²Ankara Bilkent City Hospital, Department of Hand Surgery, Ankara, Turkey
6 min

A-0151 A SYSTEMATIC CRITICAL APPRAISAL OF CLINICAL PRACTICE GUIDELINES FOR NON-PHARMACOLOGICAL CONSERVATIVE MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME (CRPS) USING THE AGREE-II INSTRUMENT
Erfan Shafiee^{1,2}, Joy MacDermid¹, Tara Packham³, David Walton¹, Ruby Grewal¹, Maryam Farzad¹ | ¹University of Western Ontario, London, Ontario, Canada; ²Queen's University, Kingston, Ontario, Canada; ³McMaster University, Hamilton, Ontario, Canada
6 min

- A-0152** A SURVEY OF PATIENT AND THERAPIST PREFERENCES AND PRIORITIES FOR CONSERVATIVE MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME
Erfan Shafiee^{1,2}, Joy MacDermid¹, Tara Packham³, David Walton¹, Ruby Grewal¹ | ¹University of Western Ontario, London, Ontario, Canada; ²Queen's University, Kingston, Ontario, Canada; ³McMaster University, Hamilton, Ontario, Canada
6 min
- A-0023** RESTORATION OF TACTILE GNOSIS AFTER HAND LOSS - HOW TARGETED SENSORY REINNERVATION ENABLES SOMATOTOPY AND SPATIAL SENSORY CAPACITY OF SINGLE DIGITS AT THE RESIDUAL LIMB
Alexander Gardetto¹, Rainer Schultheis², Wolfgang Schaden³, Gernot Müller-Putz⁴, Kyriaki Kostoglou⁴, Johannes Grillari⁵, Jennifer Ernst⁶ | ¹Centre for Plastic, Aesthetic and Reconstructive Surgery with Hand Surgery, Reference Centre for Bionic Prosthetics, Brixsana Private Clinic, Bressanone, Italy; ²Saphenus Medical Technology, Vienna, Austria; ³AUVA Medical Directorate, Vienna, Austria; ⁴Institute of Neural Engineering, University of Technology Graz, Austria; ⁵Ludwig Boltzmann Institute for Traumatology, The Research Center in Cooperation with AUVA, Vienna, Austria; ⁶Department of Traumatology, University of Hannover, Germany
6 min
- A-0714** THE POSITIVE EFFECTS OF BOTULINUM TOXIN IN THE MANAGEMENT OF UPPER LIMB NEUROPATHIC PAIN
Theodora Papavasiliou, Oliver Bloom, Molola Oyewole, David Pang, Lauren Uppal | Guy's & St Thomas' Hospitals, London, UK
6 min
- A-0841** WHO SHOULD WE TREAT? SUCCESSFUL PAIN REMISSION FOLLOWING TARGETED MUSCLE REINNERVATION FOR TREATMENT OF NEUROPATHIC PAIN IN AMPUTEES
Floris V. Raasveld^{1,2}, Maximilian Mayrhofer-Schmid³, Wen-Chih Liu^{1,4}, Benjamin R. Johnston⁵, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁴Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA
6 min
- A-0835** ADIPOSE-DERIVED STEM CELLS FOR THE MANAGEMENT OF POST-SURGICAL PAINFUL SCARS IN UPPER LIMB: MID-TERM CLINICAL OUTCOMES
Laura Martini¹, Elena Francioni¹, Giancarlo Caruso¹, Paola Bagnoli², Andrea Vitali¹ | ¹Hand Surgery Unit A-USL Toscana Centro, Firenze, Italy; ²Upper limb Rehabilitation Unit, A-USL Toscana Centro, Firenze, Italy
6 min

- A-0845** REFINING PREEMPTIVE TARGETED MUSCLE REINNERVATION: FACTORS ASSOCIATED WITH SUCCESSFUL PROPHYLAXIS IN AMPUTEES
 Floris V. Raasveld^{1,2}, Maximilian Mayrhofer-Schmid³, Wen-Chih Liu^{1,4}, Benjamin R. Johnston⁵, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁴Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA
 6 min
- A-0368** CHOICE FOR SURGICAL TECHNIQUE IN NEUROMA TREATMENT MAY AFFECT ASTROCYTE INFILTRATION IN THE SPINAL CORD IN RATS
 EM Brakkee¹, E DeVinney¹, W v Hecke², N Eijkelkamp³, JH Coert¹ | ¹Umc Utrecht, Department of Plastic and Reconstructive Surgery, Utrecht, the Netherlands; ²Umc Utrecht, Department of Pathology, Utrecht, the Netherlands; ³Umc Utrecht, Center for Translational Immunology, Utrecht, the Netherlands
 6 min
- A-0838** NEUROMA TO NERVE RATIO: DOES SIZE MATTER?
 Floris V. Raasveld^{1,2}, Daniel T. Weigel¹, Wen-Chih Liu^{1,3}, Maximilian Mayrhofer-Schmid⁴, Charles D. Hwang¹, Vlad Tereshenko¹, Brian J. Wainger¹, William Renthall⁵, Clifford Woolf⁶, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁴BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA; ⁶Boston Children's Hospital, Harvard Medical School, Boston, MA
 6 min
- A-0834** NEUROMA MORPHOLOGY: A MACROSCOPIC CLASSIFICATION SYSTEM
 Floris V. Raasveld^{1,2}, Daniel T. Weigel¹, Wen-Chih Liu^{1,3}, Maximilian Mayrhofer-Schmid⁴, Barbara Gomez-Eslava⁵, Charles D. Hwang¹, Brian J. Wainger¹, William Renthall⁶, Mark Fleming¹, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁴BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁵Boston Children's Hospital, Harvard Medical School, Boston, MA; ⁶Brigham and Women's Hospital and Harvard Medical School, Boston, MA
 6 min
- A-0021** SURVEY ON CURRENT NERVE MANAGEMENT DURING AMPUTATION SURGERY AMONG DUTCH PLASTIC SURGEONS
 CPM van den Berg, EW DeVinney, EM van der Linde, EM Brakkee, JH Coert | Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht University, The Netherlands
 6 min

A-0219

TARGETED MUSCLE REINNERVATION INTO LUMBRICAL MUSCLES FOR TREATING SYMPTOMATIC DIGITAL STUMP NEUROMA

Michael Wirth, Martina Greminger, Inga Besmens, Maurizio Calcagni, Olga Politikou | *University Hospital Zurich, Zurich, Switzerland*

6 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
13:45-14:45	S074 LIVE SURGERY 3

Chair: J. Henk Coert

TECHNIQUES IN CONTEMPORARY NERVE REPAIR

Surgeons: Fraser Leversedge, Joaquim Casañas

Moderator LAB: Ivan Ducic

Moderator de Doelen: Dom Power

SCAPHO-LUNATE INSTABILITY & DRUJ INSTABILITY

Surgeon: Pedro Delgado

Moderator LAB: Janou Bardoel

Moderator de Doelen: Jan Ragnar Haugstvedt

Friday, 28 June 2024

	ROOM ZALEN 5-6
13:45-15:30	S075 FRACTURE FIXATION 2

Chairs: Balazs Lenkei, Niels Schep

BASIC FIXATION PROCEDURES FOR DISTAL RADIUS, HAND AND SCAPHOID.

1. Introduction of the systems
2. Tips and tricks for fracture fixation - faculty
3. Hands on sawbone practice

Friday, 28 June 2024

	ROOM GROTE ZAAL
16:00-17:00	S047 SOLVING COMPLICATIONS: WHAT IF IT FAILS

Chairs: Daniel Herren, Wee Lam

Based on the special issue of the European Journal of Hand Surgery management of complications will be presented for specific hand surgical problems.

- A-1133** PATIENT AND SURGEON FACTORS IN COMPLICATIONS
Grey Giddins | *UK*
7 min
- A-1134** FLEXOR TENDON REPAIR
Jin Bo Tang | *China*
7 min
- A-1135** SCAPHOID FRACTURE
Radek Kebrle | *Czech Republic*
7 min
- A-1136** REVISIONS AFTER FAILED CMC RESECTION ARTHROPLASTY: RESULTS OF A DELPHI
Daniel Herren | *Switzerland*
7 min
- A-1137** PIP ARTHROPLASTY
Alex Lluch | *Spain*
7 min
- A-1138** SL- RECONSTRUCTION
Frederik Verstreken | *Belgium*
7 min
- A-1139** CARPAL TUNNEL SYNDROME
Brigitte van der Heijden | *Netherlands*
7 min
- Discussion**
10 min

ROOM WILLEM BURGER ZAAL

16:00-18:00 S077 ARTHRITIS SMALL JOINTS 2

Chairs: Nico Schwalfenberg, Adeline Cambon

- A-0837** ARTHRODESIS OF DISTAL INTERPHALANGEAL AND THUMB INTERPHALANGEAL JOINT: A RETROSPECTIVE COHORT STUDY OF 149 CASES
Philip Silvano, Evelina Pantzar-Castilla, Eva Lundqvist | *Department of Orthopedics and Hand Surgery, Örebro University School of Medical Sciences and Örebro University Hospital*
6 min
- A-0713** RECONSTRUCTION OF THE THUMB BASAL JOINT BY 4 LIGAMENT RECONSTRUCTION
Soo Joong Choi¹, Ki Tae Kim², Seung Jin Lee³ | ¹*Chuncheon Sacred Heart Hospital, Chuncheon, South Korea;* ²*Hallym University Sacred Heart Hospital, Anyang, South Korea;* ³*Kangdong Sacred Heart Hospital, Seoul, South Korea*
6 min
- A-0958** EFFECTS OF EQUOL FOR PAIN CAUSED BY HAND OSTEOARTHRITIS IN PERIMENOPAUSAL WOMEN
Takashi Shimoe, Yusuke Kido, Yuki Matsuyama, Akimasa Murata, Hiroshi Hashizume and Hiroshi Yamada | *Department of Orthopaedic Surgery, Wakayama Medical University, Japan*
6 min
- A-0675** CAN WE CORRECT HYPEREXTENSION OF THE MCP JOINT WITH THUMB CMC IMPLANT ARTHROPLASTY?
Vanessa Reischenböck, Jenny Imhof, Miriam Marks, Stephan Schindele, Daniel B. Herren | *Schulthess Klinik, Zurich, Switzerland*
6 min
- A-0676** COMPLICATIONS AFTER THUMB CMC IMPLANT ARTHROPLASTY: OUR 5-YEAR EXPERIENCE
Vanessa Reischenböck, Miriam Marks, Stephan Schindele, Daniel B. Herren | *Schulthess Klinik, Zurich, Switzerland*
6 min
- A-0742** ONE YEAR RESULTS AND COMPARISON OF TWO DOUBLE MOBILITY PROSTHESES FOR TRAPEZIOMETACARPAL ARTHRITIS
Eva Winand, Moritz Scholtes, Sebastian Hediger | *cantonal hospital Frauenfeld, Frauenfeld, Switzerland*
6 min
- A-0746** RESULTS OF A DUO-MOBILE TRAPEZIOMETACARPAL JOINT PROSTHESIS WITH A MEAN FOLLOW-UP OF 1.5 YEARS
Benjamin Panzram¹, Pia-Elena Frey¹, Maximilian Franzen¹, Yusuf Naseri¹, Florian Falkner², Leila Harhaus² | ¹*Department of Orthopedics, University Hospital Heidelberg, Germany;* ²*Department of Hand, Plastic and Reconstructive Surgery, Burn Care Centre, BG Trauma Center Ludwigshafen, Germany*
6 min

- A-0747** DUAL MOBILITY THUMB CARPOMETACARPAL ARTHROPLASTY. FUNCTIONAL AND RADIOLOGICAL RESULTS OF 1 YEAR FOLLOW-UP
Efstratios Athanaselis¹, Filippos Zigras¹, Efstathios Konstantinou¹, Nikolaos Stefanou¹, Konstantinos Ditsios², Zoe Dailiana¹, Sokratis Varitimidis¹ | ¹*Orthopaedic Department, University Hospital of Larissa, Greece;* ²*Orthopaedic Department, General Hospital of Thessaloniki "G Gennimatas," Greece*
6 min
- A-0777** CUP CENTRALIZATION IN TRAPEZIOMETACARPAL TOTAL JOINT ARTHROPLASTY: DOES IT MATTER?
Micaela Gonçalves, Diogo Tomaz, Maria Clara Correia, João Lobo, Daniela Linhares, Isabel Pinto, Rui Matos, Vítor Vidinha, Pedro Negrão | ¹*Centro Hospitalar Universitário de São João, Portugal;* ²*Hospital CUF Porto, Portugal*
6 min
- A-0796** TOTAL TRAPEZIOMETACARPAL ARTHROPLASTY WITH DUAL MOBILITY PROSTHESIS. RESULTS AND COMPLICATIONS AT 5 YEARS OF FOLLOW-UP
Javier Gonzalez Garcia¹, Gabriel Carrasco Penna^{1,2}, Marco Naranjo Reyes¹, Bárbara Galleguillos Galindo^{2,3}, Agustín Gonzalez Passi⁴, Ignacio Naranjo Tobar⁴, Pedro Cavalla Alvarez¹³ | ¹*Clínica Santa Maria, Santiago, Chile;* ²*Universidad de Chile, Santiago, Chile;* ³*Hospital Mutual de Seguridad, Santiago, Chile;* ⁴*Instituto Traumatológico, Santiago, Chile*
6 min
- A-0998** BALL-AND-SOCKET REPLACEMENT FOR THUMB CARPOMETACARPAL OSTEOARTHRITIS: A COMPARISON BETWEEN THE SINGLE AND DUAL MOBILITY DESIGN
Willem Geuskens^{1,3}, Matthias Papen, Maxime De Fré, Annemieke Van Haver, Kristien Vuylsteke, Frederik Verstrecken^{1,2}, Matthias Vanhees¹² | ¹*AZ Monica Hospital, Antwerp, Belgium;* ²*University of Antwerp, Edegem, Belgium;* ³*UZ Leuven, Leuven, Belgium*
6 min
- A-1047** SELF-REPORTED ADHERENCE TO NONSURGICAL TREATMENT FROM PATIENTS WITH CARPOMETACARPAL OSTEOARTHRITIS
L. Esteban Lopez^{1,2,3}, Y. van Kooij^{1,2,3}, R. Selles^{1,2}, HW Study Group, R. Wouters^{1,2} | ¹*Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands;* ²*Department of Plastic, Reconstructive, and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands;* ³*Xpert Handtherapie, Utrecht, The Netherlands*
6 min
- A-1064** TMC JOINT ARTHROPLASTY – RETROSPECTIVE STUDY OF 66 PATIENTS
João Duarte Gameiro¹, João Almeida², João Neves¹ | ¹*Hospital Ortopédico Sant'Iago do Outão, Setúbal, Portugal;* ²*Hospital Nossa Senhora da Arrábida, Barreiro, Portugal*
6 min
- A-0235** TRAPEZIOMETACARPAL JOINT REPLACEMENTS: A PROSPECTIVE COHORT STUDY OVER 15 YEARS WITH 560 IMPLANTATIONS
Uwe Joosten, Julius Albert, Georg Becker, Christian Grüning, Ali Issa, Thomas Kusmenkov, Robert Schober | *Marienhospital Osnabrück, Osnabrück, Germany*
6 min

- A-0671** COMPARISON OF SCAPHOCAPITATE ARTHRODESIS WITH AND WITHOUT LUNATUM EXCISION FOR THE TREATMENT OF KIENBÖCK'S DISEASE
 Muhammet Okkan¹, Anil Arkan² | ¹Mersin University Department of Hand Surgery, Mersin, Turkey;
²Mersin University Department of Orthopaedics and Traumatology, Mersin, Turkey
 6 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
16:00-18:00	S080 NATIONS COMPETITION
	PIP ARTHRITIS: FUSION VS. ARTHROPLASTY Sandra Pfanner (Italy), Zaf Naqui (UK)
A-1195	FUSION VS. ARTHROPLASTY Michael Millrose, Stephan Schindele <i>Germany, Switzerland</i> 30 min
	MALUNION OSTEOTOMY: FREEHAND VS. 3D PSI Chairs: Jane Messina (Italy), Serhii Tymoshenko (Ukraine)
A-1193	FREEHAND VS. 3D PSI Egemen Ayhan vs Pedro J. Delgado <i>Turkey, Spain</i> 30 min
	SNAC AND SLAC: PRC VS. 4CF Catherine Bossut (Ireland), Ireneusz Walaszek (Poland)
A-1194	PRC VS. 4CF Sokratis Varitimidis, Ole Reigstad <i>Greece, Norway</i> 30 min
	CARPAL TUNNEL SYNDROME: OPEN VS. ENDOSCOPIC Chairs: Sybille FACCA (France), Aleš Fibir (Czech Republic)
A-1192	OPEN VS. ENDOSCOPIC Joaquim Casanas vs Hans de Schipper <i>Spain, The Netherlands</i> 30 min

ROOM VAN WEELE ZAAL

16:00-17:00 S078 TETRAPLEGIA/SPASTICITY

Chairs: Maxim Horwitz, Shai Luria

- A-0706** HIGH SELECTIVE DENERVATION OF SPASTIC UPPER LIMB
Margarita Kateva, Kalin Angelov, Nikola Simeonov, Iliyana Marcheva, Elena Kandilarova | *Hand surgery and reconstructive surgery clinic, UMHAT "Sofamed", Sofia, Bulgaria*
6 min
- A-0492** IS HYPERSELECTIVE NEURECTOMY FOR UPPER LIMB SPASTICITY EFFECTIVE IN THE LONG TERM?
Sze Ryn Chung^{1,2}, Paolo Panciera³, Caroline Leclercq¹ | *¹Institut de la Main, Paris, France; ²Hand and Reconstructive Microsurgery, Singapore General Hospital; ³Ospedale Villa Salus, Mestre, VE, Italy*
6 min
- A-0532** 1-YEAR RESULTS AFTER FUNCTIONAL IMPROVEMENT PROCEDURES ON THE WRIST IN PATIENTS WITH WRIST FLEXION SPASTICITY
Julia J. Glaser, Ursula Trinler, Anna Pennekamp, Leila Harhaus, Mirjam Thielen | *Abteilung für Hand-, Plastische und Rekonstruktive Chirurgie, Schwerbrandverletzententrum, Abteilung für Handchirurgie, Periphere Nerven Chirurgie, Rehabilitation, BG Klinik Ludwigshafen*
6 min
- A-0087** CADAVERIC STUDY OF FLEXOR DIGITORUM PROFUNDUS AND SUBLIMIS INNERVATION PATTERNS FOR SELECTIVE AND HYPERSELECTIVE NEURECTOMY, AND REPORT OF ONE CLINICAL CASE
Gautier Houziaux¹, Romuald Seizeur^{1,2}, Weiguo Hu^{1,3}, Alexandra Forli⁴, Anne Perruisseau-Carrier^{1,3} | *¹Université de Bretagne Occidentale, Brest, France; ²Service de Neurochirurgie, CHRU de Brest, Hopital de la Cavale Blanche, Brest, France; ³Service de Chirurgie Plastique, Reconstructrice et Esthétique, CHRU de Brest, Hopital de la Cavale Blanche, Brest, France; ⁴Service de Chirurgie Plastique et Reconstructrice des Membres, Chirurgie de la Main et des Brûlés, CHU Grenoble Alpes, Grenoble, France*
6 min
- A-0890** RECONSTRUCTION OF 1ST WEB SPACE AND THUMB POSITION IN CENTRAL SPASTICITY
Fialova Ludmila^{1,2}, Horackova Daniela¹, Sorelova Vendula^{1,2}, Fajtova Katerina² | *¹Institute for Hand and Plastic Surgery, Vysoke nad Jizerou, Czech Republic; ²Department of Plastic Surgery, Faculty Hospital Bulovka, Prague, Czech Republic*
6 min
- A-0926** LATE SPIN TRANSFER IN TETRAPLEGIA: CASE SERIES
Renata Paulos, Emygdio de Paula, Fernando Pontes | *Hospital das Clinicas da Faculdade de Medicina da Universidade de São Paulo, Brazil*
6 min

Chairs: Christianne Van Nieuwenhoven, Gill Smith

- A-0800** INTER- AND INTRARATER RELIABILITY OF THE OMT CLASSIFICATION AMONG PHYSICIANS WITH A DIFFERENT BACKGROUND
Feikje ten Cate, Peter Don Griot, Juul Alewijnse, Mattijs Alsem, Jessica Warnink-Kavelaars, Frederique van der Zeeuw, Sarah Dekker, Margriet van Doesburg | *Amsterdam University Medical Centre, Amsterdam, the Netherlands*
6 min
- A-0749** RECONSTRUCTION OF HYPOPLASTIC THUMBS (BLAUTH III B AND IV) WITH TRANSFER OF THE NON-VASCULARIZED LONGITUDINAL METATARSAL HALF AND TRANSFER OF THE FLEXOR DIGITORUM SUPERFICIALIS OF THE 4TH FINGER OR THE ABDUCTOR DIGIT MINIMI
Filippo Pantaleoni¹, Mario Lando¹, Davide Gravina¹, Danilo Donati², Roberto Adani¹ | ¹*Department of Hand Surgery and Microsurgery, AOU Policlinico di Modena, Italy;* ²*Department of Hand and Upper Limb rehabilitation, AOU Policlinico di Modena, Italy*
6 min
- A-0326** SURGICAL RECONSTRUCTION IN ULNAR LONGITUDINAL DEFICIENCY
Werner Girsch¹, Tanja Kraus², Martin Svehlik² | ¹*Department of Plastic, Aesthetic and Reconstructive Surgery, Clinic of Surgery, Medical University Graz, Austria;* ²*Department of Pediatric Orthopedics, Clinic of Orthopedic and Trauma, Medical University Graz, Austria*
6 min
- A-0392** CORRECTION OF CONGENITAL RING-LITTLE FINGER METACARPAL SYNOSTOSIS THROUGH SIMULTANEOUS INTERPOSITIONAL ALLOGRAFT BONE AFTER SPLIT OSTEOTOMY OF THE SYNOSTOSIS SITE AND DISTRACTION LENGTHENING PROCEDURE OF THE FIFTH METACARPAL
Jihyeung Kim, Ji Sup Hwang, Changhyon Lee, Young Ho Lee, Hyun Sik Gong, Yohan Lee, Kee Jeong Bae, Dong Uk Jin, Wan Kee Hong | *Seoul National University College of Medicine, Seoul, Republic of Korea*
6 min
- A-0545** FLEXOR DIGITORUM SUPERFICIALIS OPPONENSPLASTY FOR RECONSTRUCTION OF HYPOPLASTIC THUMBS IN CHILDREN WITH RADIAL LONGITUDINAL DEFICIENCY
Ida Neergård Sletten¹, Jarkko Jokihäärä^{2,3}, Anne Birgit Stavenes¹, Mona Irene Winge¹ | ¹*Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway;* ²*Department of Hand Surgery, Tampere University Hospital, Tampere, Finland;* ³*Faculty of Medicine and Health Technology, Tampere University, Tampere, Finland*
6 min
- A-0481** UNDERSTANDING MORPHOLOGICAL VARIETY OF WASSEL TYPE IV RADIAL POLYDACTYLY: PROPOSAL OF THE DUPLICATION RANGE CONCEPT AND ITS ANATOMICAL RATIONALE
Susumu Saito, Aiko Makino, Seita Inoue, Hiroki Yamanaka, Naoki Morimoto | *Graduate School of Medicine and Faculty of Medicine, Kyoto University, Kyoto, Japan*
6 min

- A-0559** PATIENT-REPORTED FUNCTION, QUALITY OF LIFE AND PROSTHESIS WEAR: A NATIONAL COHORT STUDY OF ADULTS WITH CONGENITAL TRANSVERSE REDUCTION DEFICIENCY AT OR ABOVE THE WRIST LEVEL
 Ida Neergård Sletten¹, Kari Klungsøyr^{2,3}, Andrew Garratt⁴, Jarkko Jokihaara^{5,6} | ¹Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway; ²Division of Mental and Physical Health, Norwegian Institute of Public Health, Bergen, Norway; ³Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway; ⁴Division for Health Services, Norwegian Institute of Public Health, Oslo, Norway; ⁵Department of Hand Surgery, Tampere University Hospital, Tampere, Finland; ⁶Faculty of Medicine and Health Technology, Tampere University, Tampere, Finland
 6 min
- A-0804** THUMB HYPOPLASIA UNFOLDING WHILE MATURING: BROADENING INSIGHT AND UNDERSTANDING OF AFFECTED PATIENTS (THUMBS UP)
 Wesley M. Duboile, Christianne A. van Nieuwenhoven | *Erasmus MC, Rotterdam, the Netherlands*
 6 min
- A-0774** EYE DOMINANCE IN INDIVIDUALS WITH UNILATERAL CONGENITAL UPPER LIMB TRANSVERSE DEFICIENCIES AND INSIGHTS INTO LATERALITY
 Samuel Brown^{1,2}, Wee Lam², Geoffrey Hooper² | ¹University of Edinburgh, Edinburgh; ²St John's Hospital, Livingston
 6 min
- A-0863** COMPARISON OF THE RESULTS OF DIFFERENT OPTIONS FOR CORRECTION DEVIATION OF THE THUMB IN POLYDACTYLY TYPE IV
 Vladimir Zavarukhin, Anna Firsova, Natalya Prokophieva | *St. Petersburg University Hospital, St. Petersburg, Russia*
 6 min
- A-0444** EXTENDED LATERAL FASCIOCUTANEOUS ARM FLAP INTERPOSITION FOR PREVENTION OF RECURRENCE IN PROXIMAL RADIOULNAR SYNOSTOSIS RELEASE
 Saskia Kamphuis, Nick Menzinger, Dirk Schaefer, Alexandre Kaempfen | *University Hospital Basel, Basel, Switzerland*
 6 min

Discussion

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
16:00-17:00	S067 OUTCOME MEASUREMENTS

Chairs: Robbert Wouters, Ana Pinto

- A-0225** IS THE ROUTINE HISTOPATHOLOGICAL EXAMINATION OF ALL TUMORS AT THE UPPER EXTREMITY JUSTIFIABLE?
 Andrzej Zyluk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
 6 min

- A-0373** FUNCTIONAL OUTCOMES AFTER A 3D PLANNED CORRECTIVE OSTEOTOMY FOR A SYMPTOMATIC MALUNION OF THE RADIUS
 Lotte M.T. Oude Reimer¹, Judith olde Heuvel¹, Camiel J. Smees^{1,2}, Anne J.H. Vochteloo¹ | ¹Centre for Orthopaedic Surgery OCON, Hengelo, the Netherlands; ²University of Twente, Enschede, the Netherlands
 6 min
- A-0808** ESTABLISHING THE RELIABILITY OF THE PARENT-PROXY VS SELF-REPORT FOR THE PROMIS UPPER EXTREMITY (UE) AND PAIN INTERFERENCE (PI) COMPUTER ADAPTIVE TESTS (CATS) IN A PEDIATRIC UPPER EXTREMITY PATIENT POPULATION
 Hernan Roca, Erin Tabish, Gretchen Maughan, Nikolas H. Kazmers, Brittany N. Garcia | *University of Utah, Salt Lake City, USA*
 6 min
- A-0350** DATABASE REPORTING OF HAND AND UPPER EXTREMITY SURGICAL SITE INFECTIONS: IS IT ACCURATE?
 Fraser J. Leversedge, Nicholas Robbins, Sagar Shah, Jeremy Ansh-Twum, Louis W. Catalano III, Alexander Lauder | *University of Colorado, Aurora, Colorado, USA*
 6 min
- A-0661** A NEW MODE FOR FOLLOW-UP TO EVALUATE THE FUNCTIONAL OUTCOME AFTER FLEXOR TENDON REPAIR
 Jing Chen, Hao Yu Bian, Jun Tan | *Affiliated Hospital of Nantong University, Nantong, China*
 6 min
- A-1008** A COMPARISON OF TREATMENT OUTCOMES OF PARTIAL AND COMPLETE RADIAL COLLATERAL LIGAMENT TEARS OF THE INDEX AND LONG FINGER
 Liliane A. Freundt, Ingmar W.F. Legerstee, Cameron Darnell, Hinne Rakhorst, MD, Neal C. Chen | *Massachusetts General Hospital/Harvard Medical School, US*
 6 min
- A-0850** WHY SOME PATIENTS ARE DISSATISFIED WITH THEIR TREATMENT RESULTS DESPITE ACHIEVING PERSONAL GOALS: A CLOSE LOOK THROUGH QUALITATIVE IPA RESEARCH
 G.R. Arends^{1,2,3}, Y.E. van Kooij^{1,2,3}, B.Z. Stern⁵, S.E.R. Hovius⁶, R.M. Wouters^{1,2}, W.A. de Ridder^{1,2,3,4} | ¹Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands ²Department of Plastic, Reconstructive, and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands ³Xpert Handtherapie, Utrecht, The Netherlands ⁴Xpert Clinics, Eindhoven, The Netherlands ⁵Icahn School of Medicine at Mount Sinai, New York, NY, USA ⁶Department of Plastic, Reconstructive, and Hand Surgery, Radboud UMC, Nijmegen, The Netherlands
 6 min

Friday, 28 June 2024

	ROOM ZALEN 7-8
16:00-18:00	S082 THE RESEARCH JOURNEY: EVIDENCE BASED MEDICINE, DATA COLLECTION AND ANALYSIS

Chairs: Miriam Marks, Mike Rüttermann

A-1231

WELCOME FROM FESSH / JHSE

Wee Lam, Leila Harhaus | *Singapore, Germany*

2 min

A-1232

INTRODUCTION TO THE RESEARCH WORKSHOP

Mike Rüttermann, Miriam Marks | *The Netherlands, Switzerland*

3 min

A-1233

WHAT OUTCOME MEASURES SHOULD I USE FOR MY PAPER?

Ruud Selles | *The Netherlands*

13 min

A-1234

RETROSPECTIVE STUDIES: STRENGTHS AND WEAKNESSES

Nadine Hollevoet | *Belgium*

8 min

A-1235

COMPARATIVE STUDIES: STRENGTHS AND WEAKNESSES

Miriam Marks | *Switzerland*

8 min

A-1236

RCTS AND META-ANALYSES: STRENGTHS AND WEAKNESSES

Mike Rüttermann | *The Netherlands*

8 min

A-1240

FINAL QUESTIONS AND CONCLUDING REMARKS

Mike Rüttermann, Miriam Marks | *The Netherlands, Switzerland*

5 min

Discussion

12 min

Friday, 28 June 2024

	ROOM GROTE ZAAL
17:00-18:00	S053 CHOOSING WISELY: DOS AND DON'TS IN HANDSURGERY 2024

Chairs: Daniel Herren, Grey Giddins

It is the goal to present the Choosing wisely initiative which has been adopted by many speciality societies. The possible applications for hand surgery will be presented and stimulated a discussion on this important subject and on the role FESSH may play.

- A-1115** CHOOSING WISELY-THE INITIATIVE AND ITS IDEAS
Daniel Herren | *Switzerland*
10 min
- A-1116** IS THERE ANYTHING LIKE SHARED DECISION MAKING?
Grey Giddins | *UK*
10 min
- A-1117** RED FLAGS IN OUTPATIENT CLINICS: THINK TWICE BEFORE YOU OPERATE
Alex Lluch | *Spain*
10 min
- A-1118** DOS AND DON'TS IN HAND SURGICAL DIAGNOSTICS
Carlos Heras-Pelou | *UK*
10 min
- A-1119** HAND SURGICAL INTERVENTIONS I TEND TO AVOID
Frederik Verstrecken | *Belgium*
10 min
- Discussion**
10 min

Friday, 28 June 2024

	ROOM VAN WEELDE ZAAL
17:00-18:00	S083 3D APPLICATIONS

Chairs: Andreas Schweizer, Gerald Kraan

- A-0772** COMPUTER-ASSISTED 3D MODELLING OF PHALANGES AND THEIR BILATERAL ASYMMETRY
Lea Estermann, Jana Betschart, Andreas Schweizer | *Department of Hand Surgery, Balgrist University Hospital, Zurich, Switzerland*
6 min

- A-0805** HOW TO CHOOSE BETWEEN DISTAL RADIUS DORSAL LOCKING PLATES? A COMPARATIVE 3D-ANALYSIS EVALUATING FIXATION OPTIONS
Giovanni D'Angelo¹, Andreas Verstreken^{2,3}, Frederik Verstreken^{2,3,4}, Matthias Vanhees^{2,3,4} | ¹*Orthopaedic and Trauma Department, University of Perugia, Italy;* ²*Medical and Healthcare Science, University of Antwerp, Antwerp, Belgium;* ³*Orthopedic Department, University Hospital Antwerp, Antwerp, Belgium;* ⁴*Department of Orthopedic Surgery, AZ Monica, Antwerp, Belgium;*
6 min
- A-0856** IMPROVING STANDARD VOLAR PLATE FIXATION IN 3D GUIDED CORRECTIVE OSTEOTOMY OF THE DISTAL RADIUS: EVALUATION OF A PLATE POSITIONING TOOL
Kathleen Libberecht^{1,2}, Emilia Gryska^{1,2}, Charlotte Stor-Swinkels^{1,2,3}, Per Fredrikson^{1,2}, Peter Axelsson^{1,2}, Anders Björkman^{1,2} | ¹*Department of Hand Surgery, Sahlgrenska University Hospital, Mölndal, Sweden;* ²*Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden;* ³*Department of Medical Physics and Biomedical Engineering, Sahlgrenska University Hospital, Gothenburg, Sweden*
6 min
- A-0502** IN-HOUSE VERSUS COMMERCIALLY AVAILABLE 3D PLANNING FOR CORRECTIVE OSTEOTOMY OF THE DISTAL RADIUS: A PAIRED NONINFERIORITY STUDY
Charlotte Stor Swinkels^{1,2,3}, Kathleen Libberecht^{1,3}, Emilia Gryska^{1,3}, Peter Axelsson^{1,3}, Per Fredrikson^{1,3}, Anders Björkman^{1,3} | ¹*Department of Hand Surgery, Sahlgrenska University Hospital, Mölndal, Sweden;* ²*Department of Medical Physics and Biomedical Engineering, Sahlgrenska University Hospital, Gothenburg, Sweden;* ³*Institute of Clinical Sciences, Sahlgrenska Academy at the University of Gothenburg, Sweden*
6 min
- A-0733** PREDICTION OF FOREARM ROTATION IN SYMPTOMATIC MALUNIONS USING A 3D KINEMATIC MODEL
Derek F.R. van Loon¹, Eline van Es¹, Joost Colaris¹, Dirkjan H.E.J. Veeger², Denise Eygendaal¹ | ¹*Erasmus MC, University Medical Center Rotterdam, Department of Orthopaedics and Sports Medicine;* ²*Delft University of Technology, Delft, Netherlands, Department of Biomechanical Engineering*
6 min
- A-0792** A NOVEL 3D-PRINTED DYNAMIC EXTERNAL FIXATOR FOR THE TREATMENT OF PROXIMAL INTERPHALANGEAL FRACTURE DISLOCATIONS
Pedro Bronenberg Victorica¹, Fernando Holc¹, Mariano Abrego¹, Agustin Albani¹, Agustin Donndorff¹, Robin Kamal², Jorge Boretto¹ | ¹*Hand and Upper Extremity Surgery Department, Prof. Dr. "Carlos Ottolenghi Institute", Hospital Italiano de Buenos Aires, Buenos Aires, Argentina* ²*VOICES Health Policy Research Center, Department of Ortho- paedic Surgery, Stanford University Medical Center, Redwood City*
6 min
- A-0794** VALIDATION OF A LOW-COST AND LOW-FIDELITY 3D-PRINTED ARTHROSCOPIC SIMULATION MODEL
Agustin Donndorff, Fernando Holc, Pedro Bronenberg Victorica, Agustin Albani, Ignacio Rellan, Pablo De Carli, Jorge Boretto | *Hand and Upper Extremity Surgery Department, Prof. Dr. "Carlos Ottolenghi Institute", Hospital Italiano de Buenos Aires, Buenos Aires, Argentina*
6 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
17:00-18:00	S084 LIVE SURGERY 4

Chair: J. Henk Coert

Surgeons: Joris Duerinckx

Moderator LAB: Johan Vehof

Moderator de Doelen: Marion Mühldorfer

Ultrasound principles

A-1305 FIRST STEPS USING AN ULTRASOUND DEVICE

Fizan Younis | *UK*

5 min

A-1306 ULTRASOUNDS LANDMARK

Xavier Gueffier | *France*

5 min

PRATICAL WORKSHOP WITH FACULTY MEMBERS

25 min

Ultrasound diagnosis

A-1307 CARPAL TUNNEL SYNDROM

Esther Vögelin | *Switzerland*

10 min

A-1308 TRIGGER FINGER / STENER LESION/ PULLEY TEAR

Xavier Gueffier | *France*

10 min

A-1460 DE QUERVAIN DISEASE

Amadine Ledoux | *Luxembourg*

5 min

PRATICAL WORKSHOP WITH FACULTY MEMBERS

25 min

Ultrasound surgery

A-1309 ULTRASOUND INFILTRAATION

Sebastian Kluge | *Switzerland*

5 min

A-1310 PERCUTANEOUS TRIGGER FINGER RELEASE

Fabien Mougondo | *Belgium*

5 min

- A-1311** CARPAL TUNNEL RELEASE
Carla Nunes | *Portugal*
5 min
- A-1312** DE QUERVAIN RELEASE
Fabien Mougondo | *Belgium*
5 min

Friday, 28 June 2024

ROOM WILLEM BURGER ZAAL	
11:30-12:30	S064 3D ANALYSIS-BASED HANDSURGERY: WHY AND HOW?
	Chair: Anne Vochteloo
A-1131	WHY WOULD YOU USE 3D ANALYSIS IN THE TREATMENT OF HAND AND WRIST PATHOLOGY? Anne Vochteloo <i>The Netherlands</i> 15 min
A-1075	DOS, DON'T AND CHALLENGES WHEN STARTING A 3D LAB Peter Axelsson <i>Sweden</i> 15 min
A-1074	CASE 1 (FOREARM) Alex Berenguer <i>Spain</i> 5 min
A-1132	CASE 2 (WRIST) Frederik Verstrecken <i>Belgium</i> 5 min
A-1076	CASE 3 (SCAPHOID) Andreas Schweitzer <i>Switzerland</i> 5 min
	General discussion and interaction with public 15 min

Friday, 28 June 2024

ROOM JURRIAANSE ZAAL	
11:30-12:30	S059 FOREARM ROTATION FROM ELBOW TO WRIST
	Chair: Jan Debeij
	Forearm rotation is described in 3 joints, the elbow, the forearm and the wrist. At the end of the session an algorithm is proposed for analysis, followed by an interactive discussion.
A-1177	ROTATION PRUJ Jan Debeij <i>The Netherlands</i> 15 min

- A-1178** ROTATION FOREARM
Pieter Caekebeke | *Belgium*
15 min
- A-1179** ROTATION DRUJ
Michiel Zuidam | *The Netherlands*
15 min
- Discussion**
15 min

Friday, 28 June 2024

	ROOM VAN WEELE ZAAL
11:30-12:30	S081 TENDONS

Chairs: Camillo Fulchignoni, Natan Silver

- A-0531** THE EFFICACY OF CARBOXYMETHYLCELLULOSE-POLYETHYLENE OXIDE GEL IN ZONE II FLEXOR TENDON INJURY: FROM URGENCY TO REVISION SURGERY
Franco Bassetto, Francesco Messina, Cesare Tiengo, Diego Faccio, Stefano L'Erario, Filippo Andrea Giovanni Perozzo | *Department of Neurosciences, Clinic of Plastic, Reconstructive and Aesthetic surgery of Padua, Padua, Italy*
6 min
- A-0117** UNVEILING THE TRUTH: RECONSIDERING ADDITIONAL TENOSYNOVECTOMY IN DE QUERVAIN'S DISEASE SURGERY
Nutdanai Neti, Yuwarat Monteerarat, Roongsak Limthongthang, Torpon Vathana, Panai Lao-haprasitiporn | *Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*
6 min
- A-0107** EFFECT OF REPETITIVE CORTICOSTEROID INJECTION ON TENNIS ELBOW SURGERY
Cheungsoo Ha^{1,3}, Weonmin Cho¹, Chi-hoon Oh¹, Junhyoung Park², Wooyeol Ahn¹, Soo-Hong Han¹ | ¹*Department of Orthopaedic Surgery, CHA Bundang Medical Center, CHA University, Seongnam-si, Gyeonggi-do, South Korea;* ²*Department of Artificial Intelligence, South Korea University, Seongbuk-ku, Seoul, South Korea;* ³*Department of Orthopaedic Surgery, Armed Force Daejeon Hospital, Daejeon-si, South Korea*
6 min
- A-0940** THE "NASSA" SUTURE IN THE AUTOLOGOUS GRAFT SURGICAL TECHNIQUE FOR EPL INJURIES: LONG-TERM CLINICAL AND ULTRASONOGRAPHIC EVALUATION.
Andrea Cuomo¹, Vittoria Mazzola¹, Federico Vitali¹, Giulia Pachera¹, Federico Zaottini², Alessandra Galuppi¹, Emanuela Dapelo¹, Giacomo Demontis¹, Stefania Briano¹ | ¹*U.O.SSD. Chirurgia della Mano e dell'Arto Superiore IRCCS Policlinico San Martino – Genova;* ²*U.O. Radiologia IRCCS Policlinico San Martino – Genova*
6 min

- A-0495** VOLAR CUT INJURIES REPAIR & REHABILITATION AT GOVERNMENT TERTIARY CARE CENTRE : AN INDIAN PERSPECTIVE
 Varnika J.P | ¹Zoi Hospitals, Ameerpet, Hyderabad ²Gandhi Hospital, Secunderabad
 6 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
11:30-12:30	S063 NEW INDICATIONS FOR NERVE TRANSFERS (PUSHING THE BORDERS)

Moderators: Leila Harhaus, Kim Casanas

- A-1095** TMR FOR TREATMENT OF PAIN
 Martin Aman | *Germany*
 10 min
- A-1096** CORNEAL NEUROTIZATION – A NOVEL SENSORY NERVE TRANSFER APPROACH TO THE ANESTHETIC CORNEA TO IMPROVE OCULAR SURFACE HEALTH AND PREVENT BLINDNESS IN PATIENTS SUFFERING FROM CORNEAL ANESTHESIA
 Simeon Daeschler | *Germany*
 10 min
- A-1097** SOPHISTICATED TRANSFERS IN TRAUMA
 Dominic Power | *UK*
 10 min
- A-1098** THE DISTAL AIN-TRANSFER FOR ULNAR COMPRESSION NEUROPATHY
 Leila Harhaus | *Germany*
 10 min
- A-1099** END-TO-SIDE VS. FREE GRAFT NERVE RECONSTRUCTION
 Piotr Czarnecki | *Poland*
 10 min
- Discussion**
 10 min

Chairs: Judit Hetthessy, Christian Dumontier

- A-0028** OSTEOID OSTEOMA OF THE HAND: SURGICAL TREATMENT VERSUS CT-GUIDED PERCUTANEOUS RADIOFREQUENCY THERMAL ABLATION
Fabio Vita¹, Gianmarco Tuzzato¹, Davide Pederiva¹, Giuseppe Bianchi¹, Augusto Marcuzzi², Roberto Adani², Paolo Spinnato¹, Marco Miceli¹, Danilo Donati^{3,4}, Marco Manzetti¹, Federico Pilla¹, Cesare Faldini¹ | ¹*IRCCS-Rizzoli Orthopedic Institute, University of Bologna, Bologna, Italy;* ²*Department of Hand Surgery and Microsurgery, University Hospital of Modena, Modena, Italy;* ³*Hand Rehabilitation Unit, Hospital of Modena, Modena Italy;* ⁴*Clinical and Experimental Medicine PhD Program, University of Modena and Reggio Emilia, Modena, Italy*
6 min
- A-0564** LOCAL RECURRENCE IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: A MULTICENTER COHORT STUDY
Christianne YMN Jansma^{1,2}, Ibtissam Acem², J Henk Coert¹, Dirk J Grünhagen², Cornelis Verhoef², Enrico Martin¹, MONACO Collaborators† | ¹*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ²*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*
6 min
- A-0566** PREOPERATIVE CLASSIFICATION OF NERVE SHEATH TUMORS USING RADIOMICS BASED MACHINE LEARNING
Christianne Y.M.N. Jansma^{1,2}, Ibtissam Acem¹, Xinyi Wan³, Douwe Spaanderman³, Jan-Jaap Visser³, David Hanff³, W. Taal⁴, J. Henk Coert², Cornelis Verhoef¹, Stefan Klein³, Enrico Martin², Martijn P.A. Starmans³ | ¹*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands;* ²*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ³*Department of Radiology and Nuclear Medicine, Erasmus MC, Rotterdam, The Netherlands;* ⁴*Department of Neurology, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*
6 min
- A-0567** THE ROLE OF RADIOTHERAPY IN MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: A MULTICENTER COHORT STUDY
Christianne Y.M.N. Jansma^{1,2}, J. Henk Coert¹, Dirk J. Grünhagen², Cornelis Verhoef², Enrico Martin¹, W. Taal³ | ¹*Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht, The Netherlands;* ²*Department of Surgical Oncology and Gastrointestinal Surgery, Erasmus MC Cancer Institute, Rotterdam, The Netherlands;* ³*Department of Neurology, Erasmus MC Cancer Institute, Rotterdam, The Netherlands*
6 min

A-0798 SURGERY FOR NERVE TUMORS IN THE UPPER LIMB CAUSES MINOR RESIDUAL PROBLEMS BUT PREOPERATIVE SENSORY DYSFUNCTION CAN BE AN INDICATOR OF A WORSE OUTCOME
 Emanuel I Stefan¹, Lars B. Dahlin^{1,2,3}, Erika Nyman^{1,4} | ¹Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden; ²: Department of Translational Medicine - Hand Surgery, Lund University, Malmö, Sweden; ³: Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden; ⁴: Department of Hand Surgery, Plastic Surgery and Burns, Linköping University Hospital, Linköping, Sweden

6 min

A-0933 THE PENN CRITERIA: A DIAGNOSTIC ALGORITHM IN THE DETECTION OF ACRAL MELANOMA
 John Keaney¹, Mary Ellen McMahon², Paul Sullivan², Safwat Ibrahim², Kevin Cahill², Fiachra Martin², Roisin Dolan² | ¹Royal College of Surgeons in Ireland, Dublin, Ireland; ²Department of Plastic and Reconstructive Surgery, Beaumont Hospital, Dublin, Ireland

6 min

Friday, 28 June 2024

	ROOM GROTE ZAAL
13:45-15:30	S070 FESSH CONGRESS FELLOWS AND FESSH RESEARCH FELLOWS SESSION

Come and see what our FESSH Congress fellows have learnt during the 2 weeks observership at leading hand surgery units across the Netherlands. They observed different fields such as arthroplasty, arthroscopy, congenital, microsurgery, peripheral nerve surgery and traumatology. Moreover, a teaching day and a cadaver lab in Rotterdam were also included in the two days before the congress. The aim of this Congress Fellowship Scheme is to promote excellence in hand surgery, support the development and delivery of high-quality care and to build global networks and collaboration.

Meet the fellows and teachers for a chat and a drink at the FESSH Booth right after the session during coffee break. Why not apply for a fellowship yourself in Finland in 2025?

After the session, join the Fellow get-together at FESSH Booth in exhibition area.

A-1444 INTRODUCTION OF FESSH CONGRESS FELLOWSHIP PROGRAM
 Jonathan Hobby | *UK*
 5 min

A-1445 PRESENTATION 1
 Chiara Arrigoni | *Italy*
 5 min

A-1446 PRESENTATION 2
 Arsen Arsenishvili | *Georgia*
 5 min

A-1447 PRESENTATION 3
 Saskia Kamphuis | *Switzerland*
 5 min

- A-1448** PRESENTATION 4
Petr Machac | *Hungary*
5 min
- A-1449** PRESENTATION 5
Lisa Mailander | *Austria*
5 min
- A-1450** PRESENTATION 6
Cristian Mitrulescu | *Romania*
5 min
- A-1451** PRESENTATION 7
Lisa Ng | *UK*
5 min
- A-1452** PRESENTATION 8
Nora Peterfy | *Hungary*
5 min
- A-1453** PRESENTATION 9
Ana Scott-Tennent | *Spain*
5 min
- A-1454** PRESENTATION 10
Xenia Startseva | *Switzerland*
5 min
- A-1455** PRESENTATION 11
Victoria Struckmann | *Germany*
5 min
- A-1456** PRESENTATION 12
Marie Witters | *Belgium*
5 min
- A-1457** INTRODUCTION OF FESSH RESEARCH FELLOWSHIP PROGRAM
Ruud Selles / Leila Harhaus | *The Netherlands*
5 min
- A-1458** PRESENTATION 13
Alexandru Amarandei | *Romania*
5 min
- A-1459** PRESENTATION 14
Muhammet Okkan | *Turkey*
5 min

Diploma hand out and group photo

	ROOM WILLEM BURGER ZAAL
13:45-15:30	S072 ARTHRITIS WRIST

Chairs: Urs Hug, Ellada Papadogeorgou

- A-0204** PYROCARBON INTERPOSITION VERSUS FOUR-CORNER FUSION IN PATIENTS AROUND 60 YEARS OF AGE: LONG-TERM RETROSPECTIVE STUDY FOR SLAC, SNAC OR SCAC STAGE 3
Lozano^{1,2}, Cointat³, Bouju¹, Kerjean¹, Lecoq¹, Bellemère¹ | *¹Institut de la Main Nantes-Atlantique, Santé Atlantique, avenue Claude Bernard, Saint-Herblain, France; ²Service de Chirurgie de la Main et Reconstruction de l'appareil locomoteur, Centre Chirurgical Emile Gallé, Centre Hospitalier Régional Universitaire de Nancy, Nancy, France; ³Service de Chirurgie orthopédique et Chirurgie du Sport, Institut Universitaire Locomoteur et du Sport (IULS) CHU de Nice, Hôpital Pasteur 2, Nice, France*
6 min
- A-0341** RISK FACTORS FOR FAILURE AFTER TOTAL WRIST ARTHROPLASTY AND IMPLANT REVISION STRATEGY
Sandra Pfanner, Anna Rosa Rizzo, marco Biondi, Irene Felici, Andrea Poggetti | *Hand Surgery and Reconstructive Microsurgery Department, AOU Careggi Florence, Italy*
6 min
- A-0388** LONG-TERM RESULTS OF RADIOCARPAL PYROCARBON IMPLANT INTERPOSITION : 41 IMPLANTS WITH A MINIMUM FOLLOW-UP OF 10 YEARS
Clément Berry¹, Etienne Gaisne², Yves Kerjean², Thierry Loubersac², Philippe Bellemère² | *¹CHU Amiens Picardie, France; ²Institut de la main Nantes Atlantiques, France*
6 min
- A-0395** EFFECT OF ANTIRESORPTIVE THERAPY ON DEVELOPMENT OF POST-TRAUMATIC OSTEOARTHRITIS AFTER INTRA-ARTICULAR DISTAL RADIUS FRACTURE
Ji Sup Hwang, Hyun Sik Gong, Wan Kee Hong, Dong Uk Jin, Jihyeung Kim, Yohan Lee, Kee Jeong Bae, Young Ho Lee | *Seoul National University College of Medicine, Seoul, Republic of Korea*
6 min
- A-0478** COMPUTER-AIDED THREE-DIMENSIONAL ANALYSIS OF CARPAL MALALIGNMENT IN SCAPHOLUNATE ADVANCED COLLAPSE (SLAC) WRISTS
Mikko Alanen, Samuli Aspinen, Theresa Höglund, Robert Sippo, Eero Waris | *Helsinki university hospital, Helsinki, Finland*
6 min
- A-0734** REPLICATION OF COMPLEX MOVEMENT PATTERNS OF THE WRIST: A CADAVERIC STUDY OF THE MOTEC TOTAL WRIST ARTHROPLASTY
Joanna Glanville¹, James Kennedy², Karl Bates¹, Sebastian Fichera¹, Daniel Brown¹² | *¹University of Liverpool, UK; ²Liverpool University Hospitals NHS Foundation Trust, UK*
6 min

- A-0857** CAUSES OF REVISION SURGERY IN TOTAL WRIST ARTHROPLASTY: A MULTICENTRE STUDY
Natan Silver¹, Shruti Raut², Rami Estfan³, Greg Packer³, Sumedh Talwalkar², Daniel Brown¹ | ¹Liverpool University Hospitals Foundation Trust, Liverpool, UK; ²Wrightington Hospital, Apley Bridge, UK; ³Southend University Hospital, Southend-on-Sea, UK;
6 min
- A-0130** THE EFFECT OF MIDCARPAL FUSIONS ON DART THROWER'S MOTION: A CADAVERIC STUDY
Alexandra Thompson¹, James Kennedy^{1,2}, Philippa Rust^{1,2} | ¹The University of Edinburgh, Edinburgh, UK; ²Hooper Hand Unit, St John's Hospital, Livingston, UK
6 min
- A-0471** FOUR CORNER FUSION: RETROSPECTIVE ANALYSIS OF THE RESULTS FROM THE LARGEST NATIONAL SERIES TO DATE, USING A RADIOLUCENT DORSAL LOCKING PLATE
Lorena Parra, Marisol Martí, Cristobal Greene, Arturo Verdugo, Alejandro Opazo, Guillermo Dropelman | *Clínica MEDS, Santiago, Chile*
6 min
- A-0894** TECHNICAL CHALLENGES AND SURGICAL STRATEGIES IN REVISION TOTAL WRIST ARTHROPLASTY
Natan Silver¹, Shruti Raut², Rami Estfan³, Greg Packer³, Sumedh Talwalkar², Daniel Brown¹ | ¹Liverpool University Hospitals Foundation Trust, Liverpool, UK; ²Wrightington Hospital, Apley Bridge, UK; ³Southend University Hospital, Southend-on-Sea, UK;
6 min
- A-0993** REVISION WRIST ARTHROPLASTY
Rami Estfan, Francesca Hill, Greg Packer | *Mid and South Essex NHS Trust, Southend University Hospital, UK*
6 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
13:45-15:30	S073 SCAPHOID FRACTURE AND RECONSTRUCTION

Chairs: Pascal Hanneman, Feiran Wu

- A-1007** DIFFERENCES IN SCAPHOID DENSITIES OF THE INTACT BONE: ANALYSIS OF SIX SEGMENTS
Liliane A. Freundt, Ingmar W.F. Legerstee, Oscar Y. Shen, Ryan Weiss, Frank J. Simeone, Chai Mudgal | *Massachusetts General Hospital/Harvard Medical School, USA*
6 min
- A-0191** BONE REMODELLING AFTER SCAPHOID FRACTURES – A LONGITUDINAL LONGTERM TRIAL
Stefan Benedikt¹, Kerstin Stock¹, Lukas Horling¹, Gernot Schmidle¹, Gerald Degenhart², Michael Schirmer³, Claudia Lamina⁴, Michael Blauth¹, Rohit Arora¹ | ¹Department of Orthopaedics and Traumatology, Medical University Innsbruck, Austria; ²Department of Radiology, Medical University Innsbruck, Austria; ³Department of Internal Medicine, Medical University Innsbruck, Austria; ⁴Department of Medical Genetics, Molecular and Clinical Pharmacology, Austria
6 min

- A-0202** SIMPLE EXCISION OF PROXIMAL POLE SCAPHOID NONUNION. CAN THIS BE A TREATMENT?
Ana Scott-Tennent De Rivas^{1,2}, Pau Forcada Calvet^{1,2}, Mireia Esplugas Mimó³, Àlex Lluch Bergadà^{3,4}, Maria Larrea Zabalo³, Ignacio Esteban Feliu⁴, Marc García-Elias³ | ¹*Hospital Universitari Arnau de Vilanova, Lleida, Spain*; ²*Hospital Universitari Santa Maria, Lleida, Spain*; ³*Institut Kaplan, Barcelona, Spain*; ⁴*Hospital Universitari Vall d'hebron, Barcelona, Spain*
6 min
- A-0366** ASSESSING RE-FRACTURE RISK IN SCAPHOID WAIST FRACTURE PARTIAL UNIONS SUBJECT TO SPORTING LOADS: A FINITE ELEMENT STUDY
James Martin¹, Nick Johnson², Jenny Shepherd³, Joseph Dias¹ | ¹*University Hospitals of Leicester, Infirmary Square, Leicester*; ²*Department of Health Sciences, University of Leicester, University Road, Leicester*; ³*School of Engineering, University of Leicester, University Road, Leicester*
6 min
- A-0300** A COMPARATIVE STUDY OF VOLAR LOCKING-PLATE FIXATION WITH CORTICOCANCELLOUS AND PURE CANCELLOUS BONE GRAFTS FOR SCAPHOID NONUNION WITH DORSAL INTERCALATED SEGMENTAL INSTABILITY SECONDARY TO SCAPHOID HUMPBACK DEFORMITY
Joung Woo Shin, Jong Woong Park, Jung Il Lee | *Department of Orthopedic Surgery, Korea University College of Medicine, Seoul, South Korea*
6 min
- A-0301** MAGNETIC RESONANCE IMAGING ANALYSIS OF THE DISTRIBUTION OF CARTILAGE DAMAGE IN SCAPHOID NONUNION
Hyoung Seok Jung¹, Sujin Kim², Bo Mi Chung², Hyun il Lee³, Jae-Sung Lee⁴ | ¹*Department of Orthopaedic Surgery, Chung-Ang University Gwangmyeong Hospital, Gwangmyeong, South Korea*; ²*Department of Radiology, Hospital of Chung-Ang University of Medicine, Seoul, South Korea*; ³*Department of Orthopaedic Surgery, Ilsan-Paik Hospital, Inje University College of Medicine, Goyang, South Korea*; ⁴*Department of Orthopaedic Surgery, Hospital of Chung-Ang University of Medicine, Seoul, South Korea*
6 min
- A-0811** 3D CT ASSESSMENT OF ACUTE SCAPHOID FRACTURE PATTERNS
Jon Compson | *Kings College Hospital, London, UK*
6 min
- A-0116** ARTHROSCOPIC BONE GRAFT AND INTERNAL FIXATION OF SCAPHOID NONUNION: REGULAR TO COMPLEX AND UNIQUE CASES
Muntasir Mannan Choudhury, Dawn Sinn Yii Chia, Jackson Kian Hong Jiang | *Department of Orthopaedic Surgery, Sengkang General Hospital, Singapore*
6 min

- A-0547** SCAPHOID RECONSTRUCTION USING A NON-VASCULARISED BONE GRAFT WITH AND WITHOUT ADDITIONAL INTRAOPERATIVE SHOCKWAVE THERAPY (ESWT) - RESULTS OF A PROSPECTIVE STUDY
 Marion Mühldorfer-Fodor¹, Matthias Wagner², Tanja Kottmann³, Jörg van Schoonhoven¹, Karl-Josef Prommersberger^{1,4}, Jakob Richard Schnegg¹⁵ | ¹*Clinic for Hand Surgery, Rhön Klinikum Campus Bad Neustadt, Germany;* ²*Clinic for Diagnostic Radiology, Rhön Klinikum Campus Bad Neustadt, Germany;* ³*Clinical Research Organisation (CRO) Hamm, Germany;* ⁴*Department of Elective Hand Surgery, St. Josef Hospital Schweinfurt, Germany;* ⁵*Department of Hand and Plastic Surgery, Cantonal Hospital Winterthur, Switzerland*
 6 min
- A-0688** RELIABILITY FOR THE CT SCAN ASSESSMENT OF UNION AFTER SURGERY FOR SCAPHOID FRACTURES AND NONUNION
 Morten Kjær¹, Dimitar Ivanov Radev², Robert Gvozdenovic¹ | ¹*Department of Hand Surgery, Herlev-Gentofte University Hospital of Copenhagen, Denmark;* ²*Department of Radiology, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark*
 6 min
- A-0903** WAIST DOWN TO WAIST UP- TRI-CORTICAL ILIAC CREST GRAFT IS A RELIABLE OPTION IN THE MANAGEMENT OF SCAPHOID WAIST NON-UNIONS
 Vivek Singh, Roop Bhushan Kalia, Aditya K.S | *All India Institute of Medical Sciences, Rishikesh, India*
 6 min
- A-0913** CLINICAL AND RADIOLOGICAL EVALUATION OF SURGICAL TREATMENT OUTCOMES IN NONUNION OF THE SCAPHOID IN CHILDREN AND ADOLESCENTS
 Piotr Koschel, Leszek Kaczmarek, Piotr Czarnecki | *Department of Traumatology, Orthopaedics and Hand Surgery, Poznan University of Medical Sciences, ORSK im. W. Degi, Poznań, Ul. 28 Czerwca 1956 r. 135/147, 61-545 Poznań, Poland*
 6 min

Friday, 28 June 2024

	ROOM VAN WEELDE ZAAL
13:45-15:30	S071 MICROSURGERY

Chairs: Emily West, Adam Reid

- A-0110** THE LATERAL CIRCUMFLEX FEMORAL ARTERY CHEMIC TRANSPLANT COMBINED WITH IN-SITU PREFABRICATED AVULSED PALM SKIN IN THE TREATMENT OF SEVERE PALM INJURY
 Xiaoju Zheng, Baoshan Wang, Xinhong Wang, Haijun Li | *Xi'an Fengcheng Hospital, Xi'an City, China*
 6 min
- A-0108** EMERGENCY RECONSTRUCT TRAUMATIC MUSCLE DEFECTS WITH FUNCTIONAL SUPERFICIAL PARTITION VASTUS LATERALIS MUSCLE FLAP
 Xiaoju Zheng, Baoshan Wang, Xinhong Wang, Haijun Li | *Xi'an Fengcheng Hospital, Xi'an City, China*
 6 min

- A-0456** ANALYSIS OF SURGICAL OUTCOMES IN PERIPHERAL NERVE TORSION
Jong Woo Kang¹, Ji Jun Shin¹, Ki Hoon Kim², Dong Hwee Kim² | ¹*Department of Orthopedic Surgery, Korea University College of Medicine, Seoul, South Korea;* ²*Department of Physical Medicine and Rehabilitation, Korea University College of Medicine, Seoul, South Korea*
6 min
- A-0514** VASCULARIZED TOE PROXIMAL INTERPHALANGEAL JOINT TRANSFER IN POSTTRAUMATIC FINGERS: ANALYSIS OF PROGNOSTIC FACTORS FOR SUBOPTIMAL OUTCOMES
Chi-Wei Huang¹, Ming-Huei Lin¹, Che-Hsiung Lee^{1,2}, Shih-Heng Chen^{1,2}, Chung-Cheng Hsu^{1,2}, Cheng-Hung Lin^{1,2}, Ren-Wen Huang^{1,2}, Yu-Te Lin^{1,2,3} | ¹*Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan;* ²*College of Medicine, Chang Gung University, Taoyuan, Taiwan, and;* ³*International Master Science Program in Reconstructive Microsurgery, Chang Gung University, College of Medicine, Taoyuan, Taiwan*
6 min
- A-0744** DETECTION OF ISCHEMIA BY A BIOSENSOR MEASURING TISSUE CARBON DIOXIDE TENSION
Johanne Korslund^{1,3}, Rasmus D Thorkildsen¹, Espen Lindholm², Runar Stray-Amundsen⁴, Tor I Tønnessen^{1,3}, Magne Røkkum^{1,3} | ¹*Oslo University Hospital, Norway;* ²*Vestfold Hospital Trust, Norway;* ³*University of Oslo, Norway*
6 min
- A-0877** LATEST UPDATE ABOUT TREATMENT OF SCAPHOID NONUNION WITH A VASCULARIZED THUMB METACARPAL PERIOSTEAL PEDICLED FLAP
Sergi Barrera-Ochoa¹, Julio Adrian Martínez-Garza¹, Jose Mere-Prieto¹, Gerardo Mendez-Sanchez¹, Esther Mora¹, Francisco Soldado² | ¹*Hand, Elbow and Microsurgery Unit, Institut de la Ma, Hospital General de Catalunya, Barcelona, Spain;* ²*Hospital HM Nens, Barcelona, Spain*
6 min
- A-0660** A NOVEL METHOD FOR DETECTING ISCHEMIA AFTER REPLANTATION
Ole-Gunnar Olsen¹, Rasmus Thorkildsen¹, Andreas Lødrup¹, Johanne Korslund¹, Tor Inge Tønnessen^{1,2}, Espen Lindholm², Magne Røkkum¹ | ¹*Oslo University Hospital Rikshospitalet, Oslo, Norway;* ²*Sensocure AS, Skoppum, Norway*
6 min
- A-0665** MUSCLE-RIB FLAP TRANSFER FOR RECONSTRUCTION OF COMPOSITE UPPER LIMB DEFECTS
Alexandru Valentin Georgescu, Octavian Olariu | *Rehabilitation Clinical Hospital, Cluj Napoca, Romania*
6 min
- A-0727** THE QUALITY OF EXTENSOR OF THE RECIPIENT FINGER DOES AFFECT THE OUTCOMES OF THE VASCULARIZED PIP JOINT TRANSFERS
Yu-Te Lin, Che-Hsiung Lee, Shwu-Huei Lien, Shih-Heng Chen, Cheng-Hung Lin, Chung-chen Hsu | *Chang Gung Memorial Hospital, Linkou, Taiwan*
6 min

A-0952 9-YEAR FOLLOW-UP OF THE REVERSE NEURO CUTANEOUS FLAP BASED ON THE DORSAL BRANCH OF THE ULNAR ARTERY: PALMAR SOFT TISSUE COVERAGE IN CHILDREN
 Matthias E. Sporer¹, Jayme A. Bertelli² | ¹*Department of Plastic Surgery, Academic Teaching Hospital Feldkirch, Feldkirch, Austria;* ²*Department of Orthopedic Surgery, Governador Celso Ramos Hospital, Florianópolis, Brazil*
 6 min

A-0912 REPAIR OF ROTARY AVULSION REPLANTATION OF THUMB BY BRIDGING VEIN GRAFT WITH DEEP METACARPAL ARCH
 Li Ling | *Shaoying Central Hospital Medical Community General Hospital, China*
 6 min

Friday, 28 June 2024

	ROOM EDUARD FLIPSE ZAAL
13:45-15:30	S069 NEUROPATHIC PAIN AND CRPS

Chairs: Martin Aman, Joaquim Casanas

A-0421 COMPLEX REGIONAL PAIN SYNDROME IN UPPER OR LOWER LIMBS IS ASSOCIATED WITH USE OF PSYCHOTROPIC MEDICATION AS A PROXY FOR PSYCHOLOGICAL HEALTH
 Lars B. Dahlin^{1,2,3}, Raquel Perez^{1,4}, Erika Nyman^{3,5}, Malin Zimmerman^{1,2,6}, Juan Merlo^{4,7} | *Department of Translational Medicine – Hand Surgery, Malmö, Sweden;* ²*Department of Hand Surgery, Malmö, Sweden;* ³*Department of Biomedical and Clinical Sciences, Linköping, Sweden;* ⁴*Unit for Social Epidemiology, Department of Clinical Sciences (Malmö) Malmö, Sweden;* ⁵*Department of Hand Surgery, Plastic Surgery and Burns, Linköping, Sweden;* ⁶*Department of Orthopedics, Helsingborg, Sweden;* ⁷*Center for Primary Health Research, Malmö, Sweden*
 6 min

A-0972 COMPARISON OF REGIONAL ANESTHESIA WITH AXILLARY BLOCK AND WALANT FOR CRPS IN COMMON HAND SURGERIES
 Ugur Bezirgan¹, Merve Dursun Savran¹, Malik Kismet¹, Erdinç Acar², Yener Yoğun¹, Mehmet Ar-mangil¹ | *Ankara University Medical Faculty, Department of Orthopaedics, Traumatology and Hand Surgery, Ankara, Turkey;* ²*Ankara Bilkent City Hospital, Department of Hand Surgery, Ankara, Turkey*
 6 min

A-0151 A SYSTEMATIC CRITICAL APPRAISAL OF CLINICAL PRACTICE GUIDELINES FOR NON-PHARMACOLOGICAL CONSERVATIVE MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME (CRPS) USING THE AGREE-II INSTRUMENT
 Erfan Shafiee^{1,2}, Joy MacDermid¹, Tara Packham³, David Walton¹, Ruby Grewal¹, Maryam Farzad¹ | *University of Western Ontario, London, Ontario, Canada;* ²*Queen's University, Kingston, Ontario, Canada;* ³*McMaster University, Hamilton, Ontario, Canada*
 6 min

- A-0152** A SURVEY OF PATIENT AND THERAPIST PREFERENCES AND PRIORITIES FOR CONSERVATIVE MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME
Erfan Shafiee^{1,2}, Joy MacDermid¹, Tara Packham³, David Walton¹, Ruby Grewal¹ | ¹University of Western Ontario, London, Ontario, Canada; ²Queen's University, Kingston, Ontario, Canada; ³McMaster University, Hamilton, Ontario, Canada
6 min
- A-0023** RESTORATION OF TACTILE GNOSIS AFTER HAND LOSS - HOW TARGETED SENSORY REINNERVATION ENABLES SOMATOTOPY AND SPATIAL SENSORY CAPACITY OF SINGLE DIGITS AT THE RESIDUAL LIMB
Alexander Gardetto¹, Rainer Schultheis², Wolfgang Schaden³, Gernot Müller-Putz⁴, Kyriaki Kostoglou⁴, Johannes Grillari⁵, Jennifer Ernst⁶ | ¹Centre for Plastic, Aesthetic and Reconstructive Surgery with Hand Surgery, Reference Centre for Bionic Prosthetics, Brixsana Private Clinic, Bressanone, Italy; ²Saphenus Medical Technology, Vienna, Austria; ³AUVA Medical Directorate, Vienna, Austria; ⁴Institute of Neural Engineering, University of Technology Graz, Austria; ⁵Ludwig Boltzmann Institute for Traumatology, The Research Center in Cooperation with AUVA, Vienna, Austria; ⁶Department of Traumatology, University of Hannover, Germany
6 min
- A-0714** THE POSITIVE EFFECTS OF BOTULINUM TOXIN IN THE MANAGEMENT OF UPPER LIMB NEUROPATHIC PAIN
Theodora Papavasiliou, Oliver Bloom, Molola Oyewole, David Pang, Lauren Uppal | Guy's & St Thomas' Hospitals, London, UK
6 min
- A-0841** WHO SHOULD WE TREAT? SUCCESSFUL PAIN REMISSION FOLLOWING TARGETED MUSCLE REINNERVATION FOR TREATMENT OF NEUROPATHIC PAIN IN AMPUTEES
Floris V. Raasveld^{1,2}, Maximilian Mayrhofer-Schmid³, Wen-Chih Liu^{1,4}, Benjamin R. Johnston⁵, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁴Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA
6 min
- A-0835** ADIPOSE-DERIVED STEM CELLS FOR THE MANAGEMENT OF POST-SURGICAL PAINFUL SCARS IN UPPER LIMB: MID-TERM CLINICAL OUTCOMES
Laura Martini¹, Elena Francioni¹, Giancarlo Caruso¹, Paola Bagnoli², Andrea Vitali¹ | ¹Hand Surgery Unit A-USL Toscana Centro, Firenze, Italy; ²Upper limb Rehabilitation Unit, A-USL Toscana Centro, Firenze, Italy
6 min

- A-0845** REFINING PREEMPTIVE TARGETED MUSCLE REINNERVATION: FACTORS ASSOCIATED WITH SUCCESSFUL PROPHYLAXIS IN AMPUTEES
 Floris V. Raasveld^{1,2}, Maximilian Mayrhofer-Schmid³, Wen-Chih Liu^{1,4}, Benjamin R. Johnston⁵, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁴Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA
 6 min
- A-0368** CHOICE FOR SURGICAL TECHNIQUE IN NEUROMA TREATMENT MAY AFFECT ASTROCYTE INFILTRATION IN THE SPINAL CORD IN RATS
 EM Brakkee¹, E DeVinney¹, W v Hecke², N Eijkelkamp³, JH Coert¹ | ¹Umc Utrecht, Department of Plastic and Reconstructive Surgery, Utrecht, the Netherlands; ²Umc Utrecht, Department of Pathology, Utrecht, the Netherlands; ³Umc Utrecht, Center for Translational Immunology, Utrecht, the Netherlands
 6 min
- A-0838** NEUROMA TO NERVE RATIO: DOES SIZE MATTER?
 Floris V. Raasveld^{1,2}, Daniel T. Weigel¹, Wen-Chih Liu^{1,3}, Maximilian Mayrhofer-Schmid⁴, Charles D. Hwang¹, Vlad Tereshenko¹, Brian J. Wainger¹, William Renthall⁵, Clifford Woolf⁶, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁴BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁵Brigham and Women's Hospital and Harvard Medical School, Boston, MA; ⁶Boston Children's Hospital, Harvard Medical School, Boston, MA
 6 min
- A-0834** NEUROMA MORPHOLOGY: A MACROSCOPIC CLASSIFICATION SYSTEM
 Floris V. Raasveld^{1,2}, Daniel T. Weigel¹, Wen-Chih Liu^{1,3}, Maximilian Mayrhofer-Schmid⁴, Barbara Gomez-Eslava⁵, Charles D. Hwang¹, Brian J. Wainger¹, William Renthall⁶, Mark Fleming¹, Ian L. Valerio¹, Kyle R. Eberlin¹ | ¹Massachusetts General Hospital, Harvard Medical School, Boston, MA; ²Erasmus Medical Center, Erasmus University, Rotterdam, the Netherlands; ³Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; ⁴BG Trauma Center Ludwigshafen, University of Heidelberg, Heidelberg, Germany; ⁵Boston Children's Hospital, Harvard Medical School, Boston, MA; ⁶Brigham and Women's Hospital and Harvard Medical School, Boston, MA
 6 min
- A-0021** SURVEY ON CURRENT NERVE MANAGEMENT DURING AMPUTATION SURGERY AMONG DUTCH PLASTIC SURGEONS
 CPM van den Berg, EW DeVinney, EM van der Linde, EM Brakkee, JH Coert | Department of Plastic and Reconstructive Surgery, University Medical Center Utrecht, Utrecht University, The Netherlands
 6 min

A-0219

TARGETED MUSCLE REINNERVATION INTO LUMBRICAL MUSCLES FOR TREATING SYMPTOMATIC DIGITAL STUMP NEUROMA

Michael Wirth, Martina Greminger, Inga Besmens, Maurizio Calcagni, Olga Politikou | *University Hospital Zurich, Zurich, Switzerland*

6 min

Friday, 28 June 2024

	ROOM VAN CAPPELLEN ZAAL
13:45-14:45	S074 LIVE SURGERY 3

Chair: J. Henk Coert

TECHNIQUES IN CONTEMPORARY NERVE REPAIR

Surgeons: Fraser Leversedge, Joaquim Casañas

Moderator LAB: Ivan Ducic

Moderator de Doelen: Dom Power

SCAPHO-LUNATE INSTABILITY & DRUJ INSTABILITY

Surgeon: Pedro Delgado

Moderator LAB: Janou Bardoel

Moderator de Doelen: Jan Ragnar Haugstvedt

Friday, 28 June 2024

	ROOM ZALEN 5-6
13:45-15:30	S075 FRACTURE FIXATION 2

Chairs: Balazs Lenkei, Niels Schep

BASIC FIXATION PROCEDURES FOR DISTAL RADIUS, HAND AND SCAPHOID.

1. Introduction of the systems
2. Tips and tricks for fracture fixation - faculty
3. Hands on sawbone practice

Friday, 28 June 2024

	ROOM GROTE ZAAL
16:00-17:00	S047 SOLVING COMPLICATIONS: WHAT IF IT FAILS

Chairs: Daniel Herren, Wee Lam

Based on the special issue of the European Journal of Hand Surgery management of complications will be presented for specific hand surgical problems.

- A-1133** PATIENT AND SURGEON FACTORS IN COMPLICATIONS
Grey Giddins | *UK*
7 min
- A-1134** FLEXOR TENDON REPAIR
Jin Bo Tang | *China*
7 min
- A-1135** SCAPHOID FRACTURE
Radek Kebrle | *Czech Republic*
7 min
- A-1136** REVISIONS AFTER FAILED CMC RESECTION ARTHROPLASTY: RESULTS OF A DELPHI
Daniel Herren | *Switzerland*
7 min
- A-1137** PIP ARTHROPLASTY
Alex Lluch | *Spain*
7 min
- A-1138** SL- RECONSTRUCTION
Frederik Verstreken | *Belgium*
7 min
- A-1139** CARPAL TUNNEL SYNDROME
Brigitte van der Heijden | *Netherlands*
7 min
- Discussion**
10 min

	ROOM WILLEM BURGER ZAAL
16:00-18:00	S077 ARTHRITIS SMALL JOINTS 2

Chairs: Nico Schwalfenberg, Adeline Cambon

- A-0837** ARTHRODESIS OF DISTAL INTERPHALANGEAL AND THUMB INTERPHALANGEAL JOINT: A RETROSPECTIVE COHORT STUDY OF 149 CASES
Philip Silvano, Evelina Pantzar-Castilla, Eva Lundqvist | *Department of Orthopedics and Hand Surgery, Örebro University School of Medical Sciences and Örebro University Hospital*
6 min
- A-0713** RECONSTRUCTION OF THE THUMB BASAL JOINT BY 4 LIGAMENT RECONSTRUCTION
Soo Joong Choi¹, Ki Tae Kim², Seung Jin Lee³ | ¹*Chuncheon Sacred Heart Hospital, Chuncheon, South Korea;* ²*Hallym University Sacred Heart Hospital, Anyang, South Korea;* ³*Kangdong Sacred Heart Hospital, Seoul, South Korea*
6 min
- A-0958** EFFECTS OF EQUOL FOR PAIN CAUSED BY HAND OSTEOARTHRITIS IN PERIMENOPAUSAL WOMEN
Takashi Shimoe, Yusuke Kido, Yuki Matsuyama, Akimasa Murata, Hiroshi Hashizume and Hiroshi Yamada | *Department of Orthopaedic Surgery, Wakayama Medical University, Japan*
6 min
- A-0675** CAN WE CORRECT HYPEREXTENSION OF THE MCP JOINT WITH THUMB CMC IMPLANT ARTHROPLASTY?
Vanessa Reischenböck, Jenny Imhof, Miriam Marks, Stephan Schindele, Daniel B. Herren | *Schulthess Klinik, Zurich, Switzerland*
6 min
- A-0676** COMPLICATIONS AFTER THUMB CMC IMPLANT ARTHROPLASTY: OUR 5-YEAR EXPERIENCE
Vanessa Reischenböck, Miriam Marks, Stephan Schindele, Daniel B. Herren | *Schulthess Klinik, Zurich, Switzerland*
6 min
- A-0742** ONE YEAR RESULTS AND COMPARISON OF TWO DOUBLE MOBILITY PROSTHESES FOR TRAPEZIOMETACARPAL ARTHRITIS
Eva Winand, Moritz Scholtes, Sebastian Hediger | *cantonal hospital Frauenfeld, Frauenfeld, Switzerland*
6 min
- A-0746** RESULTS OF A DUO-MOBILE TRAPEZIOMETACARPAL JOINT PROSTHESIS WITH A MEAN FOLLOW-UP OF 1.5 YEARS
Benjamin Panzram¹, Pia-Elena Frey¹, Maximilian Franzen¹, Yusuf Naseri¹, Florian Falkner², Leila Harhaus² | ¹*Department of Orthopedics, University Hospital Heidelberg, Germany;* ²*Department of Hand, Plastic and Reconstructive Surgery, Burn Care Centre, BG Trauma Center Ludwigshafen, Germany*
6 min

- A-0747** DUAL MOBILITY THUMB CARPOMETACARPAL ARTHROPLASTY. FUNCTIONAL AND RADIOLOGICAL RESULTS OF 1 YEAR FOLLOW-UP
Efstratios Athanaselis¹, Filippos Zigras¹, Efstathios Konstantinou¹, Nikolaos Stefanou¹, Konstantinos Ditsios², Zoe Dailiana¹, Sokratis Varitimidis¹ | ¹*Orthopaedic Department, University Hospital of Larissa, Greece;* ²*Orthopaedic Department, General Hospital of Thessaloniki "G Gennimatas," Greece*
6 min
- A-0777** CUP CENTRALIZATION IN TRAPEZIOMETACARPAL TOTAL JOINT ARTHROPLASTY: DOES IT MATTER?
Micaela Gonçalves, Diogo Tomaz, Maria Clara Correia, João Lobo, Daniela Linhares, Isabel Pinto, Rui Matos, Vítor Vidinha, Pedro Negrão | ¹*Centro Hospitalar Universitário de São João, Portugal;* ²*Hospital CUF Porto, Portugal*
6 min
- A-0796** TOTAL TRAPEZIOMETACARPAL ARTHROPLASTY WITH DUAL MOBILITY PROSTHESIS. RESULTS AND COMPLICATIONS AT 5 YEARS OF FOLLOW-UP
Javier Gonzalez Garcia¹, Gabriel Carrasco Penna^{1,2}, Marco Naranjo Reyes¹, Bárbara Galleguillos Galindo^{2,3}, Agustín Gonzalez Passi⁴, Ignacio Naranjo Tobar⁴, Pedro Cavalla Alvarez^{1,3} | ¹*Clínica Santa Maria, Santiago, Chile;* ²*Universidad de Chile, Santiago, Chile;* ³*Hospital Mutual de Seguridad, Santiago, Chile;* ⁴*Instituto Traumatológico, Santiago, Chile*
6 min
- A-0998** BALL-AND-SOCKET REPLACEMENT FOR THUMB CARPOMETACARPAL OSTEOARTHRITIS: A COMPARISON BETWEEN THE SINGLE AND DUAL MOBILITY DESIGN
Willem Geuskens^{1,3}, Matthias Papen, Maxime De Fré, Annemieke Van Haver, Kristien Vuylsteke, Frederik Verstrecken^{1,2}, Matthias Vanhees^{1,2} | ¹*AZ Monica Hospital, Antwerp, Belgium;* ²*University of Antwerp, Edegem, Belgium;* ³*UZ Leuven, Leuven, Belgium*
6 min
- A-1047** SELF-REPORTED ADHERENCE TO NONSURGICAL TREATMENT FROM PATIENTS WITH CARPOMETACARPAL OSTEOARTHRITIS
L. Esteban Lopez^{1,2,3}, Y. van Kooij^{1,2,3}, R. Selles^{1,2}, HW Study Group, R. Wouters^{1,2} | ¹*Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands;* ²*Department of Plastic, Reconstructive, and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands;* ³*Xpert Handtherapie, Utrecht, The Netherlands*
6 min
- A-1064** TMC JOINT ARTHROPLASTY – RETROSPECTIVE STUDY OF 66 PATIENTS
João Duarte Gameiro¹, João Almeida², João Neves¹ | ¹*Hospital Ortopédico Sant'Iago do Outão, Setúbal, Portugal;* ²*Hospital Nossa Senhora da Arrábida, Barreiro, Portugal*
6 min
- A-0235** TRAPEZIOMETACARPAL JOINT REPLACEMENTS: A PROSPECTIVE COHORT STUDY OVER 15 YEARS WITH 560 IMPLANTATIONS
Uwe Joosten, Julius Albert, Georg Becker, Christian Grüning, Ali Issa, Thomas Kusmenkov, Robert Schober | *Marienhospital Osnabrück, Osnabrück, Germany*
6 min

- A-0671** COMPARISON OF SCAPHOCAPITATE ARTHRODESIS WITH AND WITHOUT LUNATUM EXCISION FOR THE TREATMENT OF KIENBÖCK'S DISEASE
 Muhammet Okkan¹, Anil Arkan² | ¹Mersin University Department of Hand Surgery, Mersin, Turkey;
²Mersin University Department of Orthopaedics and Traumatology, Mersin, Turkey
 6 min

Friday, 28 June 2024

	ROOM JURRIAANSE ZAAL
16:00-18:00	S080 NATIONS COMPETITION
	PIP ARTHRITIS: FUSION VS. ARTHROPLASTY Sandra Pfanner (Italy), Zaf Naqui (UK)
A-1195	FUSION VS. ARTHROPLASTY Michael Millrose, Stephan Schindele <i>Germany, Switzerland</i> 30 min
	MALUNION OSTEOTOMY: FREEHAND VS. 3D PSI Chairs: Jane Messina (Italy), Serhii Tymoshenko (Ukraine)
A-1193	FREEHAND VS. 3D PSI Egemen Ayhan vs Pedro J. Delgado <i>Turkey, Spain</i> 30 min
	SNAC AND SLAC: PRC VS. 4CF Catherine Bossut (Ireland), Ireneusz Walaszek (Poland)
A-1194	PRC VS. 4CF Sokratis Varitimidis, Ole Reigstad <i>Greece, Norway</i> 30 min
	CARPAL TUNNEL SYNDROME: OPEN VS. ENDOSCOPIC Chairs: Sybille FACCA (France), Aleš Fibir (Czech Republic)
A-1192	OPEN VS. ENDOSCOPIC Joaquim Casanas vs Hans de Schipper <i>Spain, The Netherlands</i> 30 min

Chairs: Maxim Horwitz, Shai Luria

A-0706

HIGH SELECTIVE DENERVATION OF SPASTIC UPPER LIMB

Margarita Kateva, Kalin Angelov, Nikola Simeonov, Iliyana Marcheva, Elena Kandilarova | *Hand surgery and reconstructive surgery clinic, UMHAT "Sofamed", Sofia, Bulgaria*

6 min

A-0492

IS HYPERSELECTIVE NEURECTOMY FOR UPPER LIMB SPASTICITY EFFECTIVE IN THE LONG TERM?

Sze Ryn Chung^{1,2}, Paolo Panciera³, Caroline Leclercq¹ | *¹Institut de la Main, Paris, France; ²Hand and Reconstructive Microsurgery, Singapore General Hospital; ³Ospedale Villa Salus, Mestre, VE, Italy*

6 min

A-0532

1-YEAR RESULTS AFTER FUNCTIONAL IMPROVEMENT PROCEDURES ON THE WRIST IN PATIENTS WITH WRIST FLEXION SPASTICITY

Julia J. Glaser, Ursula Trinler, Anna Pennekamp, Leila Harhaus, Mirjam Thielen | *Abteilung für Hand-, Plastische und Rekonstruktive Chirurgie, Schwerbrandverletzententrum, Abteilung für Handchirurgie, Periphere Nerven Chirurgie, Rehabilitation, BG Klinik Ludwigshafen*

6 min

A-0087

CADAVERIC STUDY OF FLEXOR DIGITORUM PROFUNDUS AND SUBLIMIS INNERVATION PATTERNS FOR SELECTIVE AND HYPERSELECTIVE NEURECTOMY, AND REPORT OF ONE CLINICAL CASE

Gautier Houziaux¹, Romuald Seizeur^{1,2}, Weiguo Hu^{1,3}, Alexandra Forli⁴, Anne Perruisseau-Carrier^{1,3} | *¹Université de Bretagne Occidentale, Brest, France; ²Service de Neurochirurgie, CHRU de Brest, Hopital de la Cavale Blanche, Brest, France; ³Service de Chirurgie Plastique, Reconstructrice et Esthétique, CHRU de Brest, Hopital de la Cavale Blanche, Brest, France; ⁴Service de Chirurgie Plastique et Reconstructrice des Membres, Chirurgie de la Main et des Brûlés, CHU Grenoble Alpes, Grenoble, France*

6 min

A-0890

RECONSTRUCTION OF 1ST WEB SPACE AND THUMB POSITION IN CENTRAL SPASTICITY

Fialova Ludmila^{1,2}, Horackova Daniela¹, Sorelova Vendula^{1,2}, Fajtova Katerina² | *¹Institute for Hand and Plastic Surgery, Vysoke nad Jizerou, Czech Republic; ²Department of Plastic Surgery, Faculty Hospital Bulovka, Prague, Czech Republic*

6 min

A-0926

LATE SPIN TRANSFER IN TETRAPLEGIA: CASE SERIES

Renata Paulos, Emygdio de Paula, Fernando Pontes | *Hospital das Clinicas da Faculdade de Medicina da Universidade de São Paulo, Brazil*

6 min

Chairs: Christianne Van Nieuwenhoven, Gill Smith

- A-0800** INTER- AND INTRARATER RELIABILITY OF THE OMT CLASSIFICATION AMONG PHYSICIANS WITH A DIFFERENT BACKGROUND
Feikje ten Cate, Peter Don Griot, Juul Alewijnse, Mattijs Alsem, Jessica Warnink-Kavelaars, Frederique van der Zeeuw, Sarah Dekker, Margriet van Doesburg | *Amsterdam University Medical Centre, Amsterdam, the Netherlands*
6 min
- A-0749** RECONSTRUCTION OF HYPOPLASTIC THUMBS (BLAUTH III B AND IV) WITH TRANSFER OF THE NON-VASCULARIZED LONGITUDINAL METATARSAL HALF AND TRANSFER OF THE FLEXOR DIGITORUM SUPERFICIALIS OF THE 4TH FINGER OR THE ABDUCTOR DIGIT MINIMI
Filippo Pantaleoni¹, Mario Lando¹, Davide Gravina¹, Danilo Donati², Roberto Adani¹ | *¹Department of Hand Surgery and Microsurgery, AOU Policlinico di Modena, Italy; ²Department of Hand and Upper Limb rehabilitation, AOU Policlinico di Modena, Italy*
6 min
- A-0326** SURGICAL RECONSTRUCTION IN ULNAR LONGITUDINAL DEFICIENCY
Werner Girsch¹, Tanja Kraus², Martin Svehlik² | *¹Department of Plastic, Aesthetic and Reconstructive Surgery, Clinic of Surgery, Medical University Graz, Austria; ²Department of Pediatric Orthopedics, Clinic of Orthopedic and Trauma, Medical University Graz, Austria*
6 min
- A-0392** CORRECTION OF CONGENITAL RING-LITTLE FINGER METACARPAL SYNOSTOSIS THROUGH SIMULTANEOUS INTERPOSITIONAL ALLOGRAFT BONE AFTER SPLIT OSTEOTOMY OF THE SYNOSTOSIS SITE AND DISTRACTION LENGTHENING PROCEDURE OF THE FIFTH METACARPAL
Jihyeung Kim, Ji Sup Hwang, Changhyon Lee, Young Ho Lee, Hyun Sik Gong, Yohan Lee, Kee Jeong Bae, Dong Uk Jin, Wan Kee Hong | *Seoul National University College of Medicine, Seoul, Republic of Korea*
6 min
- A-0545** FLEXOR DIGITORUM SUPERFICIALIS OPPONENSPLASTY FOR RECONSTRUCTION OF HYPOPLASTIC THUMBS IN CHILDREN WITH RADIAL LONGITUDINAL DEFICIENCY
Ida Neergård Sletten¹, Jarkko Jokihäärä^{2,3}, Anne Birgit Stavenes¹, Mona Irene Winge¹ | *¹Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway; ²Department of Hand Surgery, Tampere University Hospital, Tampere, Finland; ³Faculty of Medicine and Health Technology, Tampere University, Tampere, Finland*
6 min
- A-0481** UNDERSTANDING MORPHOLOGICAL VARIETY OF WASSEL TYPE IV RADIAL POLYDACTYLY: PROPOSAL OF THE DUPLICATION RANGE CONCEPT AND ITS ANATOMICAL RATIONALE
Susumu Saito, Aiko Makino, Seita Inoue, Hiroki Yamanaka, Naoki Morimoto | *Graduate School of Medicine and Faculty of Medicine, Kyoto University, Kyoto, Japan*
6 min

- A-0559** PATIENT-REPORTED FUNCTION, QUALITY OF LIFE AND PROSTHESIS WEAR: A NATIONAL COHORT STUDY OF ADULTS WITH CONGENITAL TRANSVERSE REDUCTION DEFICIENCY AT OR ABOVE THE WRIST LEVEL
Ida Neergård Sletten¹, Kari Klungsøyr^{2,3}, Andrew Garratt⁴, Jarkko Jokihaara^{5,6} | ¹*Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway;* ²*Division of Mental and Physical Health, Norwegian Institute of Public Health, Bergen, Norway;* ³*Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway;* ⁴*Division for Health Services, Norwegian Institute of Public Health, Oslo, Norway;* ⁵*Department of Hand Surgery, Tampere University Hospital, Tampere, Finland;* ⁶*Faculty of Medicine and Health Technology, Tampere University, Tampere, Finland*
6 min
- A-0804** THUMB HYPOPLASIA UNFOLDING WHILE MATURING: BROADENING INSIGHT AND UNDERSTANDING OF AFFECTED PATIENTS (THUMBS UP)
Wesley M. Duboile, Christianne A. van Nieuwenhoven | *Erasmus MC, Rotterdam, the Netherlands*
6 min
- A-0774** EYE DOMINANCE IN INDIVIDUALS WITH UNILATERAL CONGENITAL UPPER LIMB TRANSVERSE DEFICIENCIES AND INSIGHTS INTO LATERALITY
Samuel Brown^{1,2}, Wee Lam², Geoffrey Hooper² | ¹*University of Edinburgh, Edinburgh;* ²*St John's Hospital, Livingston*
6 min
- A-0863** COMPARISON OF THE RESULTS OF DIFFERENT OPTIONS FOR CORRECTION DEVIATION OF THE THUMB IN POLYDACTYLY TYPE IV
Vladimir Zavarukhin, Anna Firsova, Natalya Prokophieva | *St.Petersburg University Hospital, St. Petersburg, Russia*
6 min
- A-0444** EXTENDED LATERAL FASCIOCUTANEOUS ARM FLAP INTERPOSITION FOR PREVENTION OF RECURRENCE IN PROXIMAL RADIOULNAR SYNOSTOSIS RELEASE
Saskia Kamphuis, Nick Menzinger, Dirk Schaefer, Alexandre Kaempfen | *University Hospital Basel, Basel, Switzerland*
6 min

Discussion

Friday, 28 June 2024

ROOM VAN CAPPELEN ZAAL

16:00-17:00 S067 OUTCOME MEASUREMENTS

Chairs: Robbert Wouters, Ana Pinto

- A-0225** IS THE ROUTINE HISTOPATHOLOGICAL EXAMINATION OF ALL TUMORS AT THE UPPER EXTREMITY JUSTIFIABLE?
Andrzej Zyluk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
6 min
- A-0373** FUNCTIONAL OUTCOMES AFTER A 3D PLANNED CORRECTIVE OSTEOTOMY FOR A SYMPTOMATIC MALUNION OF THE RADIUS
Lotte M.T. Oude Reimer¹, Judith olde Heuvel¹, Camiel J. Smees^{1,2}, Anne J.H. Vochteloo¹ | *¹Centre for Orthopaedic Surgery OCON, Hengelo, the Netherlands; ²University of Twente, Enschede, the Netherlands*
6 min
- A-0808** ESTABLISHING THE RELIABILITY OF THE PARENT-PROXY VS SELF-REPORT FOR THE PROMIS UPPER EXTREMITY (UE) AND PAIN INTERFERENCE (PI) COMPUTER ADAPTIVE TESTS (CATS) IN A PEDIATRIC UPPER EXTREMITY PATIENT POPULATION
Hernan Roca, Erin Tabish, Gretchen Maughan, Nikolas H. Kazmers, Brittany N. Garcia | *University of Utah, Salt Lake City, USA*
6 min
- A-0350** DATABASE REPORTING OF HAND AND UPPER EXTREMITY SURGICAL SITE INFECTIONS: IS IT ACCURATE?
Fraser J. Leversedge, Nicholas Robbins, Sagar Shah, Jeremy Ansah-Twum, Louis W. Catalano III, Alexander Lauder | *University of Colorado, Aurora, Colorado, USA*
6 min
- A-0661** A NEW MODE FOR FOLLOW-UP TO EVALUATE THE FUNCTIONAL OUTCOME AFTER FLEXOR TENDON REPAIR
Jing Chen, Hao Yu Bian, Jun Tan | *Affiliated Hospital of Nantong University, Nantong, China*
6 min
- A-1008** A COMPARISON OF TREATMENT OUTCOMES OF PARTIAL AND COMPLETE RADIAL COLLATERAL LIGAMENT TEARS OF THE INDEX AND LONG FINGER
Liliane A. Freundt, Ingmar W.F. Legerstee, Cameron Darnell, Hinne Rakhorst, MD, Neal C. Chen | *Massachusetts General Hospital/Harvard Medical School, US*
6 min

A-0850 WHY SOME PATIENTS ARE DISSATISFIED WITH THEIR TREATMENT RESULTS DESPITE ACHIEVING PERSONAL GOALS: A CLOSE LOOK THROUGH QUALITATIVE IPA RESEARCH
 G.R. Arends^{1,2,3}, Y.E. van Kooij^{1,2,3}, B.Z. Stern⁵, S.E.R. Hovius⁶, R.M. Wouters^{1,2}, W.A. de Ridder^{1,2,3,4}
 | ¹Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands ²Department of Plastic, Reconstructive, and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands ³Xpert Handtherapie, Utrecht, The Netherlands ⁴Xpert Clinics, Eindhoven, The Netherlands ⁵Icahn School of Medicine at Mount Sinai, New York, NY, USA ⁶Department of Plastic, Reconstructive, and Hand Surgery, Radboud UMC, Nijmegen, The Netherlands
 6 min

Friday, 28 June 2024

	ROOM ZALEN 7-8
16:00-18:00	S082 THE RESEARCH JOURNEY: EVIDENCE BASED MEDICINE, DATA COLLECTION AND ANALYSIS

Chairs: Miriam Marks, Mike Rüttermann

- A-1231** WELCOME FROM FESSH / JHSE
 Wee Lam, Leila Harhaus | *Singapore, Germany*
 2 min
- A-1232** INTRODUCTION TO THE RESEARCH WORKSHOP
 Mike Rüttermann, Miriam Marks | *The Netherlands, Switzerland*
 3 min
- A-1233** WHAT OUTCOME MEASURES SHOULD I USE FOR MY PAPER?
 Ruud Selles | *The Netherlands*
 13 min
- A-1234** RETROSPECTIVE STUDIES: STRENGTHS AND WEAKNESSES
 Nadine Hollevoet | *Belgium*
 8 min
- A-1235** COMPARATIVE STUDIES: STRENGTHS AND WEAKNESSES
 Miriam Marks | *Switzerland*
 8 min
- A-1236** RCTS AND META-ANALYSES: STRENGTHS AND WEAKNESSES
 Mike Rüttermann | *The Netherlands*
 8 min
- A-1237** STATISTICS IN HAND SURGERY
 Jonathan Hobby | *UK*
 8 min
- A-1238** PITFALLS IN STATISTICS
 Dieuwke Broekstra | *The Netherlands*
 13 min

- A-1239** INTERACTIVE EXERCISE 2: WHICH STATISTICAL TESTS WILL YOU CHOOSE? TIPS AND TRICKS
Dieuwke Broekstra, Miriam Marks | *The Netherlands, Switzerland*
40 min
- A-1240** FINAL QUESTIONS AND CONCLUDING REMARKS
Mike Rüttermann, Miriam Marks | *The Netherlands, Switzerland*
5 min
- Discussion**
12 min

Friday, 28 June 2024

ROOM GROTE ZAAL	
17:00-18:00	S053 CHOOSING WISELY: DOS AND DON'TS IN HANDSURGERY 2024

Chairs: Daniel Herren, Grey Giddins

It is the goal to present the Choosing wisely initiative which has been adopted by many speciality societies. The possible applications for hand surgery will be presented and stimulated a discussion on this important subject and on the role FESSH may play.

- A-1115** CHOOSING WISELY-THE INITIATIVE AND ITS IDEAS
Daniel Herren | *Switzerland*
10 min
- A-1116** IS THERE ANYTHING LIKE SHARED DECISION MAKING?
Grey Giddins | *UK*
10 min
- A-1117** RED FLAGS IN OUTPATIENT CLINICS: THINK TWICE BEFORE YOU OPERATE
Alex Lluch | *Spain*
10 min
- A-1118** DOS AND DON'TS IN HAND SURGICAL DIAGNOSTICS
Carlos Heras-Pelou | *UK*
10 min
- A-1119** HAND SURGICAL INTERVENTIONS I TEND TO AVOID
Frederik Verstrecken | *Belgium*
10 min
- Discussion**
10 min

ROOM VAN WEELE ZAAL

17:00-18:00 S083 3D APPLICATIONS

Chairs: Andreas Schweizer, Gerald Kraan

- A-0772** COMPUTER-ASSISTED 3D MODELLING OF PHALANGES AND THEIR BILATERAL ASYMMETRY
Lea Estermann, Jana Betschart, Andreas Schweizer | *Department of Hand Surgery, Balgrist University Hospital, Zurich, Switzerland*
6 min
- A-0805** HOW TO CHOOSE BETWEEN DISTAL RADIUS DORSAL LOCKING PLATES? A COMPARATIVE 3D-ANALYSIS EVALUATING FIXATION OPTIONS
Giovanni D'Angelo¹, Andreas Verstreken^{2,3}, Frederik Verstreken^{2,3,4}, Matthias Vanhees^{2,3,4} | *1Orthopaedic and Trauma Department, University of Perugia, Italy; 2Medical and Healthcare Science, University of Antwerp, Antwerp, Belgium; 3Orthopedic Department, University Hospital Antwerp, Antwerp, Belgium; 4Department of Orthopedic Surgery, AZ Monica, Antwerp, Belgium;*
6 min
- A-0856** IMPROVING STANDARD VOLAR PLATE FIXATION IN 3D GUIDED CORRECTIVE OSTEOTOMY OF THE DISTAL RADIUS: EVALUATION OF A PLATE POSITIONING TOOL
Katleen Libberecht^{1,2}, Emilia Gryska^{1,2}, Charlotte Stor-Swinkels^{1,2,3}, Per Fredrikson^{1,2}, Peter Axelsson^{1,2}, Anders Björkman^{1,2} | *1Department of Hand Surgery, Sahlgrenska University Hospital, Mölndal, Sweden; 2Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden; 3Department of Medical Physics and Biomedical Engineering, Sahlgrenska University Hospital, Gothenburg, Sweden*
6 min
- A-0502** IN-HOUSE VERSUS COMMERCIALLY AVAILABLE 3D PLANNING FOR CORRECTIVE OSTEOTOMY OF THE DISTAL RADIUS: A PAIRED NONINFERIORITY STUDY
Charlotte Stor Swinkels^{1,2,3}, Katleen Libberecht^{1,3}, Emilia Gryska^{1,3}, Peter Axelsson^{1,3}, Per Fredrikson^{1,3}, Anders Björkman^{1,3} | *1Department of Hand Surgery, Sahlgrenska University Hospital, Mölndal, Sweden; 2Department of Medical Physics and Biomedical Engineering, Sahlgrenska University Hospital, Gothenburg, Sweden; 3Institute of Clinical Sciences, Sahlgrenska Academy at the University of Gothenburg, Sweden*
6 min
- A-0733** PREDICTION OF FOREARM ROTATION IN SYMPTOMATIC MALUNIONS USING A 3D KINEMATIC MODEL
Derek F.R. van Loon¹, Eline van Es¹, Joost Colaris¹, Dirkjan H.E.J. Veeger², Denise Eygendaal¹ | *1Erasmus MC, University Medical Center Rotterdam, Department of Orthopaedics and Sports Medicine; 2Delft University of Technology, Delft, Netherlands, Department of Biomechanical Engineering*
6 min

A-0792 A NOVEL 3D-PRINTED DYNAMIC EXTERNAL FIXATOR FOR THE TREATMENT OF PROXIMAL INTERPHALANGEAL FRACTURE DISLOCATIONS
Pedro Bronenberg Victorica¹, Fernando Holc¹, Mariano Abrego¹, Agustin Albani¹, Agustin Donndorff¹, Robin Kamal², Jorge Boretto¹ | ¹*Hand and Upper Extremity Surgery Department, Prof. Dr. "Carlos Ottolenghi Institute", Hospital Italiano de Buenos Aires, Buenos Aires, Argentina* ²*VOICES Health Policy Research Center, Department of Ortho- paedic Surgery, Stanford University Medical Center, Redwood City*
6 min

A-0794 VALIDATION OF A LOW-COST AND LOW-FIDELITY 3D-PRINTED ARTHROSCOPIC SIMULATION MODEL
Agustin Donndorff, Fernando Holc, Pedro Bronenberg Victorica, Agustin Albani, Ignacio Rellan, Pablo De Carli, Jorge Boretto | *Hand and Upper Extremity Surgery Department, Prof. Dr. "Carlos Ottolenghi Institute", Hospital Italiano de Buenos Aires, Buenos Aires, Argentina*
6 min

Friday, 28 June 2024

	ROOM VAN CAPPELEN ZAAL
17:00-18:00	S084 LIVE SURGERY 4

Chair: J. Henk Coert

Surgeons: Joris Duerinckx

Moderator LAB: Johan Vehof

Moderator de Doelen: Marion Mühldorfer

SATURDAY, 29 JUNE 2024

	GROTE ZAAL	WILLEM BURGER ZAAL	JURRIAANSE ZAAL	VAN WEELDE ZAAL
08:00 - 09:00	Fingers fractures	Basic research and others	Dupuytren's	Nerve transfers
09:00 - 10:00		Congenital 2	Bone reconstruction	
10:00 - 10:30	Coffee break			
10:30 - 11:30	Ligament reconstruction	Innovation	Elbow and forearm	Brachial plexus
11:30 - 12:30				
12:30 - 12:50	Closing Ceremony			

SATURDAY, 29 JUNE 2024

	EDUARD FLIPSE ZAAL	VAN CAPPELLEN ZAAL	ZALEN 7-8
08:00 - 09:00	Section I: Techniques in Wrist Arthroscopy (Ligaments)	CMC1 Osteoarthritis	The Research Journey: How Reviewers and Editors Think – Becoming a Reviewer, Critical Analysis of a Paper Writing the Paper
09:00 - 10:00		Functional Activity Training	
10:00 - 10:30	Coffee break		
10:30 - 11:30	Section II: Techniques in Wrist Arthroscopy (Bony reconstruction and arthritis)	10:30-11:50 All about nerves	
11:30 - 12:30	Miscellaneous	11:50-12:30 Common Hand Injuries	
12:30 - 12:50			

Saturday, 29 June 2024

	ROOM GROTE ZAAL
08:00-10:00	S086 FINGERS FRACTURES

Chairs: Brigitte van der Heijden, Balazs Lenkei

- A-1060** LONG-TERM EVALUATION OF HEMIHAMATE ARTHROPLASTY FOR CHRONIC PIP FRACTURE-DISLOCATIONS: STABILITY AND FUNCTIONAL MAINTENANCE BEYOND ONE YEAR
F. Paganini¹, S. Matarazzo¹, A. Brandolini², J. Teodori², A. Minini², E. Mascherpa², S. Robbiati², L. Valdatta¹, F. Tamborini^{1,2}, A. Fagetti² | ¹*Plastic and Reconstructive Unit - Circolo Hospital and Macchi Foundation – Insubria University - Varese, Italy;* ²*Hand Surgery Unit – Circolo Hospital and Macchi Foundation – Varese, Italy*
6 min
- A-0417** MANAGEMENT OF PAEDIATRIC FIFTH METACARPAL NECK FRACTURES: A SYSTEMATIC REVIEW
Dernas Suhail¹, Yangmyung Ma², Perlina Chung¹, Sami A. Al-Ani³, Andrea Jester² | ¹*Hull York Medical School, Hull, United Kingdom;* ²*Hand and Upper Limb Service, Birmingham Women's and Children's Hospital, Birmingham, United Kingdom;* ³*Aston Medical School, Birmingham, United Kingdom*
6 min
- A-0413** ARTHROSCOPIC TREATMENT'S OF FRACTURES OF THE BASE OF THUMB
Alberto Sgarbossa | *Istituto Clinico S. Anna , Brescia , Italy*
6 min
- A-0597** COMPARING ANTEGRADE VERSUS RETROGRADE INTRAMEDULLARY SCREW FIXATION FOR EXTRA-ARTICULAR DIAPHYSEAL FRACTURES OF THE PROXIMAL PHALANX. A BIOMECHANICAL STUDY
Bert Vanmierlo^{1,2}, Bruno Vandekerckhove^{1,3}, Arne Decramer^{1,4}, Shanna Zielinski², Bert Op 't Eijnde², Jean Goubau^{3,5}, Joris Duerinckx^{2,6} | ¹*AZ Delta, Roeselare, Belgium;* ²*UHasselt, Belgium;* ³*UZ Brussel, Belgium;* ⁴*KULeuven, Belgium;* ⁵*Maria Middelaers, Gent, Belgium;* ⁶*ZOL, Genk, Belgium*
6 min
- A-0038** INTEREST OF MODIFIED ISHIGURO'S TECHNIC IN SURGICAL MANAGEMENT OF MALLET FRACTURE
Aurélie Iniesta, André Gay, Caroline Curvale, Sebastien Viaud, Philippe Samson | *SOS Mains Marseille Beaugerard, Marseille, France*
6 min
- A-0833** INTRAMEDULLARY SCREW FIXATION OF METACARPAL AND PHALANGEAL FRACTURES- A CASE SERIES- SHORT TERM OUTCOMES
Christina Chatzidaki, Ioannis Kolovos, Georgios Tetsios, Vasiliki Mpatsou, Lydia Stilianopoulou, Panagiotis Kanellos | *KAT Attica General Hospital, Athens, Greece*
6 min

- A-0172** METACARPAL REPAIR OUTCOMES: RE-OPERATION RATES AND CHARACTERISTICS FROM OVER 700 CASES
Benjamin Miltenberg¹, Daniel Nemirov¹, Alexis Kasper¹, Hassan Siddique², Asif M. Ilyas^{1,3} | ¹*Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA*; ²*Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA*; ³*Drexel University College of Medicine, Philadelphia, PA, USA*
6 min
- A-0615** RETROGRADE INTRAMEDULLARY HEADLESS SCREW FIXATION FOR METACARPAL FRACTURES
Elvira Mateos-Álvarez, Belén García-Medrano, David César Noriega-González | *Clinical University Hospital of Valladolid, Spain*
6 min
- A-0765** THE USE OF THE ISHIGURO TECHNIQUE FOR THE TREATMENT OF MALLET FINGER FRACTURES
Joana Correia Rodrigues, João Gonçalves, Tiago Canas, Rute Santos Pereira, Cláudio Garcia, João Cruz, Renato Soares, António Rebelo | *Hospital do Divino Espírito Santo de Ponta Delgada, Ponta Delgada, Açores, Portugal*
6 min

Saturday, 29 June 2024

	ROOM WILLEM BURGER ZAAL
08:00-09:00	S099 BASIC RESEARCH AND OTHERS

Chairs: Natan Silver, Mike Ruettermann

- A-0466** OUTCOMES OF AUTOLOGOUS NERVE GRAFTING WITH TRANSVENOUS SYSTEMIC ADMINISTRATION OF ADIPOSE-DERIVED STEM CELLS
Soichiro Honda, Mika Akahane, Atsuro Murai, Yuta Nakamura, Akari Mori, Kaoru Tada, Satoru Demura | *Department of Orthopedic Surgery, Graduate School of Medical Sciences, Kanazawa University, Japan*
6 min
- A-0278** BIORESORBABLE ARTIFICIAL NERVE CONDUIT PREPARED FROM SILK FIBROIN WITH UNIQUE MECHANICAL PROPERTIES
Tomoki Matsuo^{1,2}, Takuji Iwamoto¹, Yasuhiro Kiyota¹, Hiroo Kimura¹, Taku Suzuki¹, Narihito Nagoshi¹, Makoto Sasaki^{3,4}, Yasushi Tamada⁵, Masaya Nakamura¹ | ¹*Department of Orthopaedic Surgery, Keio University School of Medicine, Tokyo, Japan*; ²*Department of Orthopaedic Surgery, Ogikubo Hospital, Tokyo, Japan*; ³*Faculty of Advanced Science and Technology, Kumamoto University, Kumamoto, Japan*; ⁴*Charlie Lab Inc., Kumamoto, Japan*; ⁵*Faculty of Textile Science and Technology, Shinshu University, Nagano, Japan*
6 min

- A-0493** BIOMECHANICAL ANALYSIS OF A COMBINED CENTRAL-DORSAL RECONSTRUCTION FOR CHRONIC SCAPHOLUNATE INTABILITY
Sofie Goeminne^{1,2}, Orçun Taylan², Emiel Salaets², Walter Coudyzer², Ilse Degreef², Darshan Shah³, Lennart Scheys² | ¹Department of Orthopaedic Surgery, AZ Herentals, Herentals, Belgium; ²Institute for Orthopedic Research and Training (IORT) Department of Development and Regeneration, KU Leuven, Leuven, Belgium; ³BiOME Lab, Department of Mechanical Engineering, Indian Institute of Technology (IIT) Bombay, Mumbai, India
6 min
- A-0896** ACELLULAR PIG NERVE GRAFT TO REPAIR MEDIAN NERVE INJURY: A PRELIMINARY STUDY ON RAT
Alessandro Crosio^{1,2}, Luisa Muratori², Arianna Lovati³, Debora Molinaro³, Simona Odella⁴, Stefania Raimondo², Pierluigi Tos⁴ | ¹Hand Surgery, City of Health and Science, Turin, Italy; ²Department of Clinical and Biological Sciences, Neuroscience Institute Cavalieri Ottolenghi (NICO), University of Turin, Turin, Italy; ³Cell and Tissue Engineering Laboratory, IRCCS Istituto Ortopedico Galeazzi, Milan, Italy; ⁴Reconstructive Microsurgery and Hand surgery Unit, ASST Pini-CTO Milano, Italy
6 min
- A-0534** COMPARING FULLY THREADED VERSUS CLASSICAL PARTIALLY THREADED HEADLESS COMPRESSION SCREWS FOR EXTRA-ARTICULAR DIAPHYSEAL FRACTURES OF THE PROXIMAL PHALANX. A BIOMECHANICAL STUDY
Bruno Vandekerckhove^{1,2}, Bert Vanmierlo^{2,3}, Arne Decraemer², Shanna Zielinski³, Joris Duerinckx^{3,4}, Bert Op't Eijnde³, Jean Goubau^{2,5} | ¹AZ Delta Roeselare, Roeselare, Belgium; ²UZ Brussel, Brussels, Belgium; ³U Hasselt, Hasselt, Belgium; ⁴ZOL Genk, Genk, Belgium; ⁵AZ Maria Middelaers, Ghent, Belgium
6 min
- A-0382** EFFICACY OF A HYALURONAN BASED SCAFFOLD SEEDED WITH MESENCHYMAL STEM CELLS IN THREE-DIMENSIONAL ENTESIS RECONSTRUCTION IN THE ROTATOR CUFF TEAR MODEL
Ahmet Rifat Doğramacı¹, Gökçe Yıldırım¹, Gülsemin Çiçek², Zeliha Esin Çelik³, Fatma Öz Bağcı², Zekeriya Tosun¹ | ¹Selçuk University Faculty of Medicine, Plastic Reconstructive and Aesthetic Surgery Department, Konya, Türkiye; ²Necmettin Erbakan University Faculty of Medicine Histology and Embryology Department, Konya, Türkiye; ³Selçuk University Faculty of Medicine, Pathology Department, Konya, Türkiye
6 min

ROOM JURRIAANSE ZAAL

08:00-09:00 S089 DUPUYTREN'S

Chairs: Andrew Smith, Ireneusz Walaszek

- A-0982** THE EPIDEMIOLOGY OF DUPUYTREN'S CONTRACTURE IN JAPAN FROM THE LARGEST POPULATION-BASED COHORT: WAKAYAMA HEALTH PROMOTION STUDY
Yuki Matsuyama¹, Takashi Shimoe¹, Hiroshi Hashizume¹, Mito Hayashi², Shoei Iwata³, Yusuke Kido¹, Akimasa Murata¹, Nobuyuki Miyai¹, Hiroshi Yamada¹ | ¹*Wakayama Medical University, Wakayama Wakayama, Japan;* ²*Hashimoto Municipal Hospital, Hashimoto Wakayama, Japan;* ³*Wakayama Rosai Hospital, Wakayama Wakayama, Japan*
6 min
- A-0517** DECODING DUPUYTREN'S: UNVEILING THE THREE-DIMENSIONAL ANATOMY AND PATHOPHYSIOLOGICAL INSIGHTS THROUGH COMPREHENSIVE APONEUROSIS STUDY
Cesare Tiengo, Ludovico Coldebella, Stefano L'Erario, Francesca Mazzarella, Daniele Brunelli, Franco Bassetto | *Department of Neurosciences, Clinic of Plastic, Reconstructive and Aesthetic Surgery of Padua, Padua, Italy*
6 min
- A-0407** SURGICAL MANAGEMENT OF SEVERE RECURRENT FORMS OF DUPUYTREN'S CONTRACTURE - FISH TECHNIQUE
Tomas Hellmuth¹, Radek Kebrle^{1,2}, Daniela Horackova¹, Jiri Caitham¹ | ¹*Hand and Plastic Surgery Institute, Vysoke nad Jizerou, Czech Republic;* ²*Dr. Pirek Hospital, Mladá Boleslav, Czech Republic*
6 min
- A-0258** DUPUYTREN'S DISEASE AND BODY MASS INDEX
Claudia Gonzalez Garcia¹, Rebecca Nicholas², Sallie Yassin², Belen Garcia Medrano³, Steven Glickel², Jacques Hacquebord^{2,4} | ¹*Orthopedic Surgery Department, Hospital Universitario Virgen de la Victoria, Málaga, Spain;* ²*Division of Hand Surgery, Department of Orthopedic Surgery, NYU Langone Health, New York, USA;* ³*Hand Surgery Unit, Orthopedic Surgery Department, Hospital Clínico Universitario de Valladolid, Spain;* ⁴*Hansjörg Wyss Department of Plastic Surgery, NYU Langone Health, New York, NY, USA*
6 min
- A-0199** COLLAGENASE INJECTION COMPARED WITH LIMITED FASCIECTOMY FOR MODERATE DUPUYTREN'S CONTRACTURE: THE DISC NON-INFERIORITY RANDOMIZED CONTROLLED TRIAL
Joseph Dias¹, Puvanendran Tharmanathan², Catherine Arundel², Charlie Welch², Qi Wu², Paul Leighton³, Maria Armaou¹, Belen Corbacho², Nick Johnson⁴, Sophie James², John Cooke¹, Chris Bainbridge⁴, Michael Craigen⁵, David Warwick⁶, Samantha Brady², Lydia G Flett², Judy Jones¹, Catherine Knowlson², Michelle Watson², Ada Keding², Catherine E Hewitt², David Torgerson² | ¹*University Hospitals of Leicester NHS Trust;* ²*York Trials Unit;* ³*University of Nottingham;* ⁴*Pulvertaft hand centre, Derby;* ⁵*Royal Orthopaedic Hospital NHS Foundation Trust, Birmingham;* ⁶*University Hospital Southampton NHS Foundation Trust*
6 min

A-0279

SURGERY, NEEDLE, OR COLLAGENASE FOR DUPUYTREN'S CONTRACTURE: THREE-MONTH AND TWO-YEAR RESULTS FROM A RANDOMIZED CONTROLLED TRIAL WITH 302 PATIENTS

Mikko P Räisänen^{1,2}, Olli Leppänen³, Janne Soikkeli⁴, Aleksi Reito⁵, Antti Malmivaara^{6,7}, Rachel Buchbinder⁸, Hannu Kautiainen⁹, Antti Kaivorinne³, Susanna Stjernberg-Salmela¹⁰, Minna Lappalainen¹, Toni Luokkala¹¹, Annele Pönkkö⁴, Hanna-Stiina Taskinen¹², Markus Pääkkönen¹², Kati Jaatinen¹¹, Joonas Juurakko¹¹, Venla-Linnea Karjalainen², Teemu Karjalainen¹¹ | ¹*Department of Orthopedics, Traumatology and Hand Surgery, Kuopio University Hospital, Kuopio, Finland;* ²*Tampere University, Tampere, Finland;* ³*Department of Hand surgery and Microsurgery, Tampere University Hospital, Tampere, Finland;* ⁴*Department of Hand surgery and Orthopedics, Oulu University Hospital, Oulu, Finland;* ⁵*Department of Orthopedics, Tampere University Hospital, Tampere, Finland;* ⁷*Orthon Orthopedic Hospital, Helsinki, Finland;* ⁸*Musculoskeletal Health and Wiser Health Care Units, School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia;* ⁹*Medcare LLC, Helsinki, Finland;* ¹⁰*Department of Musculoskeletal and Plastic Surgery, Helsinki University Hospital, Helsinki, Finland;* ¹¹*Department of Surgery, Wellbeing Services County of Central Finland / Hospital Nova of Central Finland, Jyväskylä, Finland;* ¹²*Department of Orthopedic and Traumatology, Turku University Hospital, Turku, Finland*

6 min

Saturday, 29 June 2024

	ROOM VAN WEELE ZAAL
08:00-10:00	S087 NERVE TRANSFERS

Chairs: Erik Walbeehm, Panagiotis Givissis

A-0192

NERVE TRANSFER FOR CENTRAL CORD SYNDROME - REDUCING SPASTICITY OR RECOVERING FUNCTION?

Madi El-Haj, Safran Ori, Sofia Vorobeitchik, Tal Eliav, Beyth Shaul | *Hadassah Hebrew University medical center, Jerusalem, Israel*

6 min

A-1021

LONG-TERM EVALUATION OF NERVE TRANSFERS FOR TRICEPS MUSCLE RECOVERY IN OBSTETRICAL BRACHIAL PLEXUS PALSY

Filippo M. Senes^{1,2}, Francesca Susini¹, Maria Grazia Calevo³, Nunzio Catena⁴ | ¹*Hand Surgery department, San Giuseppe Hospital – MultiMedica, Milan, Italy;* ²*Former Chief of Reconstructive Surgery and Hand Surgery Unit -IRCCS Istituto GGaslini Hospital, Genoa, Italy;* ³*Scientific Direction - IRCCS Istituto GGaslini Hospital, Genoa, Italy;* ⁴*Chief of Reconstructive Surgery and Hand Surgery Unit -IRCCS Istituto GGaslini Hospital, Genoa, Italy*

6 min

A-0527

NERVE TRANSFER WITH TRICEPS BRANCH TO AXILLARY NERVE FOR ISOLATED AXILLARY NERVE INJURY

Brønn Olafsdottir, Rasmus Thorkildsen, Lars Eldar Myrseth, Magne Røkkum | *Hand -and microsurgical department, Rikshospitalet, OUS, Oslo, Norway*

6 min

- A-0870** ELECTROPHYSIOLOGICAL EVIDENCE OF HAND INTRINSIC MUSCLE REINNERVATION WITH MEDIAN NERVE AXONS AFTER END-TO-SIDE ANTERIOR INTEROSSEOUS NERVE TO ULNAR MOTOR NERVE TRANSFER
 Xiya Ma¹, Natalie Habra², Jenny C. Lin¹ | ¹*Division of Plastic Surgery, Université de Montréal, Montreal, Canada;* ²*Department of Physiatry, Université de Montréal, Montreal, Canada*
 6 min
- A-0920** HOW TO FACILITATE THE SELECTION OF THE RECEIVING FASCICLES OF THE ULNAR NERVE DURING NERVE TRANSFERS? THE VASA NERVORUM AS AN ANATOMICAL LANDMARK
 Joaquin Calisto^{1,2,3}, Augusto Garrido¹, Mikaela Vittori¹, Daniel Wolff³ | ¹*Departamento de Anatomía, Facultad de Medicina UdelAR;* ²*Cátedra de Cirugía Plástica Reparadora y Estética, Hospital de Clínicas, UdelAR;* ³*Servicio de Cirugía Plástica y Microcirugía, Hospital Pasteur*
 6 min
- A-0438** NERVE TRANSFERS FOR TREATMENT OF RADIAL NERVE PARALYSIS
 Julia Benitez^{1,2}, Aritz Ortega¹, Rosa Morro^{2,3}, Manuel Llusa^{2,3}, Joaquim Casañas^{1,4} | ¹*Bellvitge University Hospital, Barcelona, Spain;* ²*Anatomy Department - Faculty of Medicine, University of Barcelona, Spain;* ³*Vall d'Hebron University Hospital, Barcelona, Spain;* ⁴*Teknon Hospital, Barcelona, Spain*
 6 min
- A-0983** C7 MOTOR FASCICLE TRANSFER TO SPINAL ACCESSORY NERVE FOR TRAPEZIUS REANIMATION: A CASE SERIES
 Kapil Sugand, Dennis Hazell, Anna Panagiotidou, Tom Quick, Marco Sinisi, Mike Fox | *Peripheral Nerve Injury Unit, Royal National Orthopaedic Hospital, Stanmore, UK*
 6 min
- A-1020** COMPARISON OF NERVE TRANSFERS WITH TENDON TRANSFERS IN PATIENTS WITH TETRAPLEGIA: A SYSTEMATIC REVIEW
 Lea Estermann^{1,2}, Vikneshwaren Senthamil Selvan³, Liron Duraku¹, James Ledgard¹ | ¹*Royal North Shore Hospital, Sydney, Australia;* ²*Balgrist University Hospital, Zurich, Switzerland;* ³*Lee Kong Chian, School of Medicine, Singapore, Singapore*
 6 min
- A-0441** POSTERIOR DELTOID BRANCH TO THE SPINAL ACCESSORY NERVE TRANSFER
 Julia Benitez^{1,2}, Aritz Ortega¹, Rosa Morro^{2,3}, Manuel Llusa^{2,3}, Joaquim Casañas^{1,4} | ¹*Bellvitge University Hospital, Barcelona, Spain;* ²*Anatomy Department - Faculty of Medicine, University of Barcelona, Spain;* ³*Vall d'Hebron University Hospital, Barcelona, Spain;* ⁴*Teknon Hospital, Barcelona, Spain*
 6 min

Saturday, 29 June 2024

ROOM EDUARD FLIPSE ZAAL

08:00-10:00 S090 SECTION I: TECHNIQUES IN WRIST ARTHROSCOPY (LIGAMENTS)

- A-1428** WELCOME AND INTRODUCTION
Henk Coert, Jan-Ragnar Haugstvedt, Eric Wagner, Youssra Marjoua |
5 min
- A-1429** TFCC REPAIR
Lorenzo Merlini | *France*
12 min
- A-1430** NEW OPTIONS IN TFCC REPAIR
Jane Messina | *Italy*
12 min
- A-1431** ARTHROSCOPIC SL RECONSTRUCTION
Eric Wagner | *USA*
13 min
- A-1432** ARTHROSCOPIC SL REPAIR AND MODIFICATIONS
Martin Caloia | *Argentina*
12 min
- A-1433** ARTHROSCOPIC LT REPAIR/RECONSTRUCTION
Jan-Ragnar Haugstvedt | *Norway*
12 min
- A-1434** MIDCARPAL INSTABILITY VS PROXIMAL ROW DYSFUNCTION
Andrea Atzei | *Italy*
12 min
- A-1435** SL INSTABILITY AND THE IMPORTANCE OF THE DIC: THE PORTRAIT OF AN IDEAL PROCEDURE
Ahlam Arnaout | *France*
12 min
- A-1436** NOVEL RECONSTRUCTIVE TECHNIQUES FOR CMC ARTHRITIS WITH ARTHROSCOPY
Gustavo Mantovanni | *Brazil*
12 min
- A-1437** MINIMALLY INVASIVE DECOMPRESSION OF UPPER EXTREMITY NERVE COMPRESSION SYNDROMES
Olivier Mares | *France*
9 min
- Cases and Discussion**
9 min

Saturday, 29 June 2024

	ROOM VAN CAPPELLEN ZAAL
08:00-09:00	S091 CMC1 OSTEOARTHRITIS
	Chairs: Hayley Smith, Miriam Marks
A-1250	SURGICAL TREATMENT OF THUMB BASE (CMC1) ARTHRITIS Bram Van Hove <i>Belgium</i> 12 min
A-1251	POSTOPERATIVE CARE AFTER TRAPEZIOMETACARPAL TOTAL JOINT ARTHROPLASTY Elske Bonhof-Jansen <i>The Netherlands</i> 10 min
A-1252	OSTEOARTHRITIS OF THE THUMB: A PRACTICAL OVERVIEW Marjolein Wind <i>The Netherlands</i> 10 min
A-1340	THUMB CARPOMETACARPAL IMPLANT ARTHROPLASTY: THE FAST TRACK BACK TO WORK Miriam Marks <i>Switzerland</i> 10 min
	Discussion 10 min

Saturday, 29 June 2024

	ROOM ZALEN 7-8
08:00-10:00	S092 THE RESEARCH JOURNEY: HOW REVIEWERS AND EDITORS THINK – BECOMING A REVIEWER, CRITICAL ANALYSIS OF A PAPER, WRITING THE PAPER
	Chairs: Charles Pailthorpe, Wee Lam
A-1241	INTRODUCTION TO THE RESEARCH WORKSHOP Wee Lam, Leila Harhaus <i>UK, Singapore, Germany</i> 2 min
A-1242	THE IMPORTANCE OF REVIEWING Ryan Trickett <i>UK</i> 10 min
A-1243	WHAT IS A GOOD PAPER? Wee Leon Lam <i>UK, Singapore</i> 10 min
A-1244	WHAT CONCERNS DOES AN EDITOR HAVE WHEN EDITING A PAPER? Jin Bo Tang <i>China</i> 10 min

- A-1245** HOW TO GET STARTED WITH A NEW PAPER
Florian Früh | *Switzerland*
10 min
- A-1246** MENTORING AND RESILIENCE
Jin Bo Tang | *China*
10 min
- A-1247** THE JOURNAL CLUB – WHY AND HOW
Matthew Brown | *UK*
10 min
- A-1248** INTERACTIVE EXERCISE REVIEWING: WHAT DECISION WILL YOU CHOOSE FOR THIS PAPER?
Charles Pailthorpe | *UK*
7 min
- A-1442** INTERACTIVE EXERCISE REVIEWING: WHAT DECISION WILL YOU CHOOSE FOR THIS PAPER?
Ryan Trickett | *UK*
7 min
- A-1443** INTERACTIVE EXERCISE REVIEWING: WHAT DECISION WILL YOU CHOOSE FOR THIS PAPER?
Florian Früh | *Switzerland*
7 min
- A-1249** **Final Discussion**
15 min

Saturday, 29 June 2024

	ROOM WILLEM BURGER ZAAL
09:00-10:00	S103 CONGENITAL 2

Chairs: Lisa Mailander, Ireneusz Walaszek

- A-0908** RESTORATION OF ELBOW ACTIVE FLEXION IN CHILDREN WITH AMYOPLASIA: WHAT BETTER TO DO AND WHEN TO DO?
Olga Agranovich | *H. Turner National Medical Research Center for Children's Orthopedics and Trauma Surgery of the Ministry of Health of the Russian Federation, St. Petersburg, Russia*
6 min
- A-0991** IS PIN FIXATION NECESSARY FOR METACARPOPHALANGEAL JOINT RECONSTRUCTION OF WASSEL TYPE IV RADIAL POLYDACTYLY?
Chi Peng, Che-Hsiung Lee, Shih-Heng Chen, Ren-Wen Huang, Cheng-Hung Lin, Yu-Te Lin, Chung-Cheng Hsu | *Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taiwan*
6 min

- A-0996** TREATMENT OF SYNPLYDACTYLY 1 AND 2: CONSIDERATION OF THE SPECIAL CHARACTERISTICS FOR BETTER RESULTS
Max Mann, Anne Reiß, Darja Sippel | *Catholic Childrens Hospital Wilhelmstift, Hamburg, Germany*
6 min
- A-1036** PHYSIOLYSIS – NOT JUST FOR LITTLE FINGERS
Lucie Wright, Brid Crowley | *Royal Victoria Infirmary, Newcastle, UK*
6 min
- A-1053** THE MODIFIED METHOD OF SKIN FLAP FORMATION IN THE TREATMENT OF TYPE I CAMPTODACTYLY
Andrey Bespalchuk | *Belarusian State Medical University, Minsk, Republic of Belarus*
6 min

Saturday, 29 June 2024

	ROOM JURRIAANSE ZAAL
09:00-10:00	S093 BONE RECONSTRUCTION

Chairs: Sergi Alabau, Andrea Poggetti

- A-0548** COMPARATIVE ANALYSIS OF UNICORTICAL AND BICORTICAL PLATE AND SCREW FIXATION FOR DISPLACED METACARPAL FRACTURES IN ADULTS: A PROSPECTIVE MULTI-CENTRE RANDOMIZED CONTROLLED TRIAL
Abdulrazak Abdulsalam, Mark Foster, Rajive Jose, Feiran Wu | *Birmingham Hand Centre, Queen Elizabeth Hospital Birmingham, United Kingdom*
6 min
- A-0075** EXTERNAL FIXATOR VERSATILITY IN THE TREATMENT OF DISTAL PHALANXES BONE LOSS
Daniele Tosi, Pietro Francesco Delle Femmine, Giovanni Ruocco, Matteo Ornelli, Lucio Cappelli, Nicola Felici | *San Camillo Forlanini Hospital, Unit of Reconstructive Surgery of the Limbs, Rome, Italy*
6 min
- A-0914** PSYCHOLOGICAL IMPACTS AND RADIOLOGICAL PREDICTORS IN PERSISTENT PAIN AND DISABILITY AFTER DISTAL RADIUS FRACTURES: A RETROSPECTIVE ANALYSIS
Maryam Farzad¹, Joy MacDermid², Amir Reza Farhoud³, Mohammad Javad Shariyate³, Seyed Hadi Kalantar³, Samira Chaibakhsh³, Mohammad Mahdavi³ | ¹*School of Physical Therapy, Western University, Roth McFarlane Hand and Upper Limb Centre, St. Joseph's Hospital, London, ON, Canada;* ²*Hand and Upper Limb Center, St. Joseph's Health Center, London, Ontario, Professor Rehabilitation Science McMaster University, Hamilton, ON;* ³*Department of Occupational Therapy, The University of Social Welfare and Rehabilitation Sciences, Tehran, Iran*
6 min

- A-0925** TREATMENT OF CHRONIC ESSEX-LOPRESTI LESION. LITERATURE REVIEW AND DESCRIPTION OF A CLINICAL CASE
Raquel Maroto - Rodríguez¹, Miguel Pérez Abad^{1,2}, Maria Tibau Alberdi¹, Andrés Pérez Prieto¹ | ¹Hospital de Mataró, Consorci Sanitari del Maresme (Mataró, Barcelona, Spain); ²Institut Kaplan (Barcelona, Spain)
6 min
- A-0778** FINGER RAY RESECTION – INDICATION, TECHNIQUE AND OUR RESULTS
Ákos Mátrai, Daniel Koczka, Zoltán Sándor, Csaba Rajki, Ingrid Soltész | *Markusovszky Teaching Hospital Traumatology, Szombathely, Hungary*
6 min
- A-0861** DISTAL RADIAL FRACTURES: A NATIONWIDE REGISTER STUDY ON CORRECTIVE OSTEOTOMIES AFTER MALUNION
Leena Raudasoja¹, Heidi Vastamäki², Samuli Aspinen¹, Jorma Ryhänen¹, Sina Hulkkonen¹ | ¹Helsinki University Hospital, University of Helsinki, HUS, Finland; ²Sports Trauma Research Unit, Hospital Mehiläinen Neo, Turku, Finland
6 min
- A-0098** FACTORS ASSOCIATED WITH REOPERATION AFTER DISTAL RADIUS NONUNION REPAIR
Mark Stam¹, Lente H.M. Dankelman^{1,2}, Mathieu M.E. Wijffels², Abhiram R. Bhashyam^{1,3}, Neal C. Chen^{1,3}, Charlotte L.E. Laane^{1,2} | ¹Massachusetts General Hospital, Boston, US; ²Erasmus MC, University Medical Centre Rotterdam, Rotterdam, The Netherlands; ³Harvard Medical School, Boston, US
6 min

Saturday, 29 June 2024

	ROOM VAN CAPPELLEN ZAAL
09:00-10:00	S095 FUNCTIONAL ACTIVITY TRAINING
	Chairs: Sonja Pelzmann, Marjolein Wind
A-1253	ART OF CONNECTING Lise Brandsma <i>The Netherlands</i> 10 min
A-1254	ART OF OBSERVING Karin Boer-Vreeke <i>The Netherlands</i> 10 min
A-1255	ART OF DOING Lise Brandsma, Karin Boer-Vreeke <i>The Netherlands</i> 10 min
A-1256	LOCKS AND KEYS: FACTORS AND SOLUTIONS TO NON-ADHERENCE Valentin Ritschl <i>Austria</i> 10 min

- A-1257** SHARED DECISION MAKING AND THE IMPORTANCE OF MANAGING EXPECTATIONS
Janou Bardeel | *The Netherlands*
10 min
- Discussion**
10 min

Saturday, 29 June 2024

	ROOM GROTE ZAAL
10:30-12:30	S098 LIGAMENT RECONSTRUCTION

Chairs: Michiel Cromheecke, Anuj Mishra

- A-0205** TRAPEZIOMETACARPAL JOINT INSTABILITY. BIOMECHANICAL ANALYSIS OF LIGAMENT RECONSTRUCTIONS
Enric Domínguez Font¹, Montserrat Del Valle Jou², Angel Ferreres Claramunt³, Guillem Salvà Coll⁴, Alfonso Rodríguez Baeza⁵ | ¹*Parc de Salut Mar, Barcelona, Spain*; ²*Hospital de l'Esperit Sant, Santa Coloma Gramanet, Spain*; ³*Institut Kaplan, Barcelona, Spain*; ⁴*Hospital Universitari Son Espases, Palma, Spain*; ⁵*Facultat de medicina, Universitat Autònoma de Barcelona, Bellaterra (Cerdanyola del Vallès) Barcelona, Spain*
6 min
- A-0379** THE EATON-LITTLER LIGAMENT RECONSTRUCTION IN THUMB CARPOMETACARPAL JOINT INSTABILITY: OUTCOMES AND PROGNOSTIC FACTORS IN 74 PATIENTS
Niek J. Nieuwdorp¹, Isabel C. Jongen¹, Caroline A. Hundepool¹, Mark J. W. van der Oest¹, Thybout M. Moojen², Ruud W. Selles^{1,3}, the Hand-Wrist Study Group, J. Michiel Zuidam¹ | ¹*Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands*; ²*Hand and Wrist Center, Xpert Clinics, The Netherlands*; ³*Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, the Netherlands*
6 min
- A-0589** THE USE OF ULTRASOUND COMPARED TO CLINICAL EXAMINATION IN THE DIAGNOSIS OF COMPLETE UCL TEAR OF THE THUMB
M Ridwanul Hassan, Sravan Devathi, Pavandeep Virdee Kaur, Gemma Smith | *University Hospitals Birmingham, United Kingdom*
6 min
- A-0369** SURGICAL TECHNIQUES IN NON-TRAUMATIC MIDCARPAL INSTABILITY: EVALUATING THE DORSAL CAPSULODESIS AND THREE-LIGAMENT TENODESIS TECHNIQUE
Stefanie N. Hakkesteegt¹, Isabel C. Jongen¹, Caroline A. Hundepool¹, Mark J.W. van der Oest¹, Liron S. Duraku³, Reinier Feitz^{1,2}, Hand-Wrist Study Group, Michiel J. Zuidam¹ | ¹*Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands*; ²*Hand and Wrist Center, Xpert Clinic, The Netherlands*; ³*Department of Plastic, Reconstructive and Hand Surgery, Amsterdam UMC, Amsterdam, the Netherlands*
6 min

- A-0853** BIOLOGICAL VERSUS NON-BIOLOGICAL RECONSTRUCTION OF THE ULNAR COLLATERAL LIGAMENT OF THE THUMB METACARPOPHALANGEAL JOINT: A RETROSPECTIVE CASE-CONTROL STUDY
Barrera-Ocha, Sergi¹, Pereira Cavaca, Rita², Martinez-Garza, Julio¹, Mendez-Sanchez, Gerardo¹, Prieto-Mere, José¹, Soldado, Francisco³ | ¹*Institu de la Mà, Hospital General de Catalunya, Barcelona, Spain*; ²*Centro Hospitalar e Universitário de Coimbra, Portugal*; ³*Hospital HM Nens, Barcelona, Spain*
6 min
- A-1046** EARLY CLINICALS RESULTS OF THE ANAFAB PROCEDURE FOR CORRECTION OF STATIC SCAPHOLUNATE INSTABILITY
Kai Megerle, Careen Knie, Stefanie Wieschollek | *Center for Hand Surgery, Microsurgery and Plastic Surgery, Schön Klinik Munich Harlaching, Munich, Germany*
6 min
- A-0267** TREATMENT OF SCAPHOLUNATE LIGAMENT RUPTURE WITH ECRL TENODESIS: MEDIUM-TERM RESULTS OF THIS SIMPLE AND DYNAMIC METHOD
Nina Knie¹, Christian Kindler², Kai Megerle¹ | ¹*Center for Hand Surgery, Microsurgery and Plastic Surgery, Schoen Clinic Munich Harlaching, Germany*; ²*Department of Hand Surgery and Elbow Surgery, RoMed Clinic Prien, Germany*
6 min
- A-0404** PATIENT REPORTED OUTCOMES AND FUNCTION AFTER LIGAMENT RECONSTRUCTION FOR TRAUMATIC THUMB CARPOMETACARPAL INSTABILITY
Niek J. Nieuwendorp¹, Isabel C. Jongen¹, Caroline A. Hundepool¹, Mark J. W. van der Oest¹, Thybout M. Moojen², Ruud W. Selles^{1,3}, the Hand-Wrist Study Group, J. Michiel Zuidam¹ | ¹*Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands*; ²*Hand and Wrist Center, Xpert Clinics, The Netherlands*; ³*Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, the Netherlands*
6 min
- A-0874** UNSEEN INJURIES, VISIBLE CONSEQUENCES: MID-TERM FUNCTIONAL OUTCOMES IN PATIENTS WITH LUNOTRIQUETRAL INJURIES TREATED BY DORSAL CAPSULODESIS
Alfonso C Prada Cañizares¹, Victor Triviño Sanchez-Mayoral¹, Juan M. Pardo Garcia², Pedro J Delgado Serrano¹ | ¹*Hospital Universitario de Montepriñcipe, Madrid, Spain*; ²*Hospital Universitario General de Villalba, Madrid, Spain*
6 min
- A-0916** SLIC LIGAMENOTPLASTY IN ACUTE AND SUBACUTE PERISCAPHOID INSTABILITY
Emmanuel Pigué, Marie Peclard, Jean-Yves Beaulieu | *Geneva University Hospital, Geneva, Switzerland*
6 min

A-0367 THE FIGURE-OF-EIGHT LIGAMENT RECONSTRUCTION IN THUMB CARPOMETACARPAL INSTABILITY: SURGICAL TECHNIQUE AND CLINICAL OUTCOMES
Isabel C. Jongen¹, Niek J. Nieuwdorp¹, Caroline A. Hundepool¹, Mark J.W. Van der Oest¹, Thybout M. Moojen², Ruud W. Selles³, Hand-Wrist Study Group^{1,2}, Michiel J. Zuidam¹ | ¹*Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands;* ²*Hand and Wrist Center, Xpert Clinics, The Netherlands;* ³*Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands*

6 min

A-0320 PATIENT-REPORTED AND CLINICAL OUTCOMES AFTER TENDON AUTOGRAFT RECONSTRUCTION OF THE THUMB ULNAR COLLATERAL LIGAMENT
Ingmar Legerstee^{1,2}, Mark van der Oest¹, Sebastiaan Souer³, Caroline Hundepool¹, Liron Duraku⁴, Ruud Selles¹, Michiel Zuidam¹ | ¹*Erasmus Medical Center, Rotterdam, the Netherlands;* ²*Massachusetts General Hospital, Boston, Massachusetts;* ³*Xpert Clinics, Amsterdam, the Netherlands;* ⁴*Amsterdam UMC, Amsterdam, The Netherlands*

6 min

Saturday, 29 June 2024

	ROOM WILLEM BURGER ZAAL
10:30-12:30	S088 INNOVATION

Chairs: Philippe Liverneaux, Esther Vogelín

A-0513 EXPLORING THE EFFECTIVENESS OF ONLINE OFF-THE-SHELF VIDEOKINEMATIC FINGER MOTION ANALYSIS FOR ASSESSING FINGER JOINT RANGE OF MOTION
Che-Hsiung Lee^{1,2}, Meng-Xue Lin³, Chi-Peng¹, Wei-Lun Luo⁴, Jun-En Ding⁴, Yu-Te Lin¹, Chih-Sheng Lin², Wen-Jiin Tsai⁵ | ¹*Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Linkou, Taoyuan, Taiwan;* ²*Department of Biological Science & Technology, National Yang Ming Chiao Tung University, Hsinchu, Taiwan;* ³*Taipei Municipal Chien Kuo High School, Taipei, Taiwan;* ⁴*Research Center for Information Technology Innovation, Academia Sinica, Taipei, Taiwan;* ⁵*Department of Computer Science, Video Information Processing Lab, National Yang Ming Chiao Tung University, Hsinchu, Taiwan*

6 min

A-0100 3D PRINTING FINGERS MODELS FOR MULTI-STEP COMPLETE TRAINING IN HAND SURGERY PROCEDURES INCLUDING DISSECTION, TENDON SUTURE, BONE FIXATION AND MICRO-SUTURES
Daniele Tosi¹, Federico Nicolosi², Pietro Francesco Delle Femmine¹, Giovanni Ruocco¹, Matteo Ornelli¹, Nicola Felici¹ | ¹*San Camillo-Forlanini Hospital, Unit of Reconstructive Surgery of the Limbs, Rome, Italy;* ²*University Hospital Milano Bicocca, Department of Medicine and Surgery, Neurosurgery, University of Milano-Bicocca, Milan, Italy*

6 min

- A-0153** RELIABILITY AND VALIDITY OF USING SMARTPHONE PHOTOGRAPHY TO MEASURE HAND AND UPPER EXTREMITY JOINTS RANGE OF MOTION; A SYSTEMATIC REVIEW AND META-ANALYSIS
Steve Lu³, Erfan Shafiee^{1,2}, Maryam Farzad¹ | ¹University of Western Ontario, London, Ontario, Canada; ²Queen's University, Kingston, Ontario, Canada; ³McMaster University, Hamilton, Ontario, Canada
6 min
- A-0362** INTRODUCING THE HEALO APP- A DIGITAL SYSTEM DESIGNED FOR REHABILITATION OF HAND PATIENTS
Anette Chemnitz¹, Theodor Jikander², Johanna Blom¹ | ¹Hand Center Malmö, Atleva Specialist Care, Malmö, Sweden; ²Empowered Health, Lund, Sweden
6 min
- A-0430** INNOVATION IN UPPER LIMB SURGERY – ANALYSING 50 YEARS OF PATENT DATA
Chiraag Karia, Varuni Bhatnagar, Grainne Bourke | Department of Plastic & Reconstructive Surgery, Leeds Teaching Hospitals NHS Trust, Leeds, UK
6 min
- A-1031** AUTOMATIC MOTION ANALYSIS OF LUNATE TYPE I AND II HEALTHY WRISTS USING DYNAMIC CT IMAGING
Maranda Haenen, Erin Teule, Stefan Hummelink, Brigitte van der Heijden | ¹Department of Plastic and Reconstructive Surgery, Radboudumc, Nijmegen, the Netherlands; ²Department of Medical Imaging, Radboudumc, Nijmegen, the Netherlands; ³Department of Plastic Surgery, Jeroen Bosch Hospital, 's-Hertogenbosch, the Netherlands; ⁴Orthopaedic Research Laboratory, Radboudumc, Nijmegen, the Netherlands
6 min
- A-1027** AUTOMATIC MOTION ANALYSIS OF WRISTS WITH SCAPHOLUNATE LIGAMENT INJURIES USING DYNAMIC CT IMAGING
Erin Teule^{1,2}, Maranda Haenen^{1,3}, Stefan Hummelink¹, Brigitte van der Heijden^{1,4} | ¹Department of Plastic Surgery, Radboudumc, Nijmegen, the Netherlands; ²Orthopaedic Research Lab, Radboudumc, Nijmegen, the Netherlands; ³Department of Radiology, Radboudumc, Nijmegen, the Netherlands; ⁴Department of Plastic Surgery, Jeroen Bosch Hospital, 's-Hertogenbosch, the Netherlands
6 min
- A-0928** AUTOMATIC WORKFLOW FOR ANALYSING ULNAR IMPACTION IN HEALTHY VOLUNTEERS DURING FULL RANGE OF WRIST MOTION USING 4DCT
Jesse Wolters^{1,2}, Erin Teule¹, Stefan Hummelink¹, Nico Verdonshot¹, Brigitte van der Heijden¹ | ¹Radboud University Medical Centre; ²University of Twente
6 min
- A-0297** HARNESSING AI FOR RAPID DEVELOPMENT OF MRI IMAGE ANALYSIS: A NOVICE'S JOURNEY WITH CHATGPT
Rajan Choudhary, Shahd Nour, Janak Bechar | Queen Elizabeth Hospital Birmingham, Birmingham, UK
6 min

- A-0359** CARPAL TUNNEL SYNDROME DETECTION USING SMARTPHONE VIDEO ANALYSIS AND MACHINE LEARNING
Kazuya Tsukamoto¹, Ryota Matsui², Toru Sasaki¹, Takuya Ibara³, Eriku Yamada¹, Akiko Yamamoto¹, Tomohiko Waki¹, Akimoto Nimura³, Yuta Sugiura², Koji Fujita^{3,4} | ¹*Department of Orthopedic and Spinal Surgery, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan;* ²*School of Science for Open and Environmental System, Graduate School of Science and Technology, Keio University, Kanagawa, Japan;* ³*Department of Functional Joint Anatomy, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan;* ⁴*Division of Medical and Dental Innovations, Open Innovation Center, Institute of Research Innovation, Tokyo Medical and Dental University, Tokyo, Japan*
6 min
- A-0270** ROBOT-ASSISTED MICROSURGERY IN HAND SURGERY
Tom van Mulken, Yasmine Jonis, Gijs Debeij, Shan Shan Qui, Rene van der Hulst | *Maastricht University Hospital, The Netherlands*
6 min
- A-0876** AI-SUPPORTED LITERATURE SCREENING: A TOOL WHICH CAN SERVE HAND SURGERY
Michael Oyewale¹, Daniel Herren¹, Harm Slijper², Miriam Marks¹, Ruud Selles² | ¹*Schulthess Klinik, Zurich, Switzerland;* ²*Erasmus MC - University Medical Center, Rotterdam, the Netherlands*
6 min
- A-0943** ROBOTIC SURGERY FOR CARPAL PATHOLOGIES: CURRENT APPLICATIONS AND FUTURE DIRECTIONS
Bo Liu¹, Rebecca Qian Ru Lim² | ¹*Beijing Ji Shui Tan Hospital, Beijing, China;* ²*Singapore General Hospital, Singapore*
6 min
- A-0944** A COMPARATIVE CADAVERIC STUDY FOR PERCUTANEOUS SCAPHOID FIXATION: ROBOTIC VS FREEHAND
Rebecca Qian Ru Lim¹, Yaobin Yin², Zhixin Wang², Zhe Yi², Shanlin Chen², Bo Liu² | ¹*Singapore General Hospital, Singapore;* ²*Beijing Ji Shui Tan Hospital, Beijing, Singapore*
6 min

Saturday, 29 June 2024

	ROOM JURRIAANSE ZAAL
10:30-12:30	S100 ELBOW AND FOREARM

Chairs: Niels Schep, Aiane Asmus

- A-0491** AXIAL TORSION OF THE FOREARM BONES : DESCRIPTION OF A MEASUREMENT TECHNIQUE AND ANATOMICAL CT STUDY
Clément Thirache¹, Tobias Bluechel², Andreas Petersik², Anne Miquel³, Alain Sautet¹, Adeline Cambon¹ | ¹*Sorbonne Université, Service de chirurgie orthopédique, Hôpital Saint Antoine, Paris, France;* ²*Stryker, Freiburg, Allemagne;* ³*Sorbonne Université, Service d'imagerie médicale, Hôpital Saint Antoine, Paris, France*
6 min

- A-0106** ANTEROLATERAL DUAL PLATE FIXATION FOR DISTAL METAPHYSEAL DIAPHYSEAL JUNCTION FRACTURE OF THE HUMERUS: BIOMECHANICAL FINITE ELEMENT ANALYSIS WITH CLINICAL RESULTS
Cheungsoo Ha^{1,4}, Inrak Choi², Jun-Ku Lee³, Chi-hoon Oh¹, Soo-Hong Han¹ | ¹*Department of Orthopaedic Surgery, CHA Bundang Medical Center, CHA University, Seongnam-si, Gyeonggi-do, South Korea;* ²*Intuitive Surgical, Inc, Sunnyvale, California, USA;* ³*Department of Orthopaedic Surgery, National Health Insurance Service Ilsan Hospital, Goyang-si, Gyeonggi-do, South Korea;* ⁴*Department of Orthopaedic Surgery, Armed Force Daejeon Hospital, Daejeon-si, South Korea*
6 min
- A-0044** INTEROSSEOUS MEMBRANE RELEASE INCREASES FOREARM ROTATION IN MIDSHAFT RADIUS EXTENSION MALUNION. CADAVERIC STUDY AND CLINICAL RESULTS
Ferran Blasco-Casado¹, Diego González-Morgado¹, Unai Jambriña-Abasolo², Alfonso Rodríguez-Baeza², Francisco Soldado Carrera¹ | ¹*Hospital Universitari Vall d'Hebron, Barcelona, Spain, Universitat, Autònoma de Barcelona, Barcelona, Spain;* ²*Department of Morphological Sciences (Human Anatomy and, Embriology Unit) Faculty of Medicine, Universitat Autònoma de Barcelona, Barcelona, Spain*
6 min
- A-0394** HOW DOES THE SUBCHONDRAL BONE DENSITY DISTRIBUTION OF THE DISTAL HUMERUS CHANGE BETWEEN EARLY AND ADVANCED STAGES OF OSTEOARTHRITIS?
Changhyon Lee, Ji Sup Hwang, Hyun Sik Gong, Jihyeung Kim, Kee Jeong Bae, Yohan Lee, Dong Uk Jin, Wan Kee Hong, Young Ho Lee | *Seoul National University College of Medicine, Seoul, Republic of Korea*
6 min
- A-0056** THE AGE-SPECIFIC PERFORMANCE OF ELBOW HEMIARTHROPLASTY: A SYSTEMATIC REVIEW
John Heifner¹, Peter Falgiano¹, Thomas Yergler², Ty Davis², Nathan Hoekzema³, Jorge Orbay² | ¹*Miami Orthopaedic Research Foundation;* ²*Larkin Hospital Department of Orthopedic Surgery;* ³*UCSF Fresno*
6 min
- A-0345** POSTTRAUMATIC SYNOSTOSIS OF THE FOREARM
Sandra Pfanner, Prospero Bigazzi, Irene Felici, Andrea Poggetti, Anna Rosa Rizzo | *Hand Surgery and Reconstructive Microsurgery Department, AOU Careggi Florence, Italy*
6 min
- A-0898** SCREW FIXATION VERSUS ARTHROPLASTY FOR 3-PART RADIAL HEAD FRACTURES
Cátia Coelho Nunes, José Carlos, Maria Inês Rocha, Sofia Madeira, Susana Rodrigues, Marcelo Alves, Júlio André, Ricardo Ferreira | *Hospital Garcia de Orta, Almada, Portugal*
6 min
- A-0954** TREATMENT OF RADIAL HEAD COMMUNATED FRACTURES: OUR EXPERIENCE
S. Briano¹, G. Demontis¹, F. Vitali², V. Mazzola², G. Pachera¹, A. Galuppi¹, E. Dapelo¹, G. Traverso², M. Formica² | ¹*Hand and Upper Limb Surgery Unit, San Martino Policlinic Hospital, Genoa, Italy;* ²*Orthopaedic department, University of Genoa, Genoa, Italy*
6 min

- A-0899** DYNAMIC OR STATIC PROGRESSIVE BRACING IN THE TREATMENT OF ROTATIONAL LIMITATION OF THE FOREARM
 Eline van Es¹, Remco Timmermans², Denise Eygendaal¹, Joost Colaris¹ | ¹*Erasmus University Medical Center, Rotterdam, The Netherlands;* ²*Rijndam Rehabilitation Center, Rotterdam, The Netherlands*
 6 min
- A-0577** VARIATION IN PROCEDURE LENGTH OF CLOSED REDUCTION AND PERCUTANEOUS PINNING OF SUPRACONDYLAR HUMERUS FRACTURES AT COMMUNITY HOSPITALS COMPARED TO AN ACADEMIC MEDICAL CENTER
 Anna Christou, Julia L. Conroy, Catherine C. May, Joshua M. Abzug | *University of Maryland School of Medicine, Baltimore, Maryland, USA*
 6 min
- A-0556** OPEN HAND FRACTURES: DOES DELAY TO SURGERY IMPACT OUTCOME?
 Moe Takenoshita¹, Sarah Tucker¹, Madeleine Berry² | ¹*Oxford University Hospitals NHS Foundation Trust, UK;* ²*Sheffield Teaching Hospitals NHS Foundation Trust, UK*
 6 min
- A-0426** DUAL MINIPLATE INTERNAL FIXATION FOR FOREARM DIAPHYSIS FRACTURES - CLINICAL AND BIOMECHANICAL STUDY
 Jinsik Park¹, Chang-Hun Lee², Kwanghyun Lee³, Young Seok Lee⁴, Joo-Hak Kim⁵, Wan-Sun Choi⁶ | ¹*Department of Orthopaedic Surgery, MS Reconstruction Hospital, Daegu, South Korea;* ²*Department of Orthopaedic Surgery, Hanyang University College of Medicine, Seoul, South Korea;* ³*Jeju Regional Rehabilitation Hospital;* ⁴*Department of Orthopedic Surgery, Hanyang University Guri Hospital, Guri, South Korea;* ⁵*Department of Orthopedic Surgery, Myongji Hospital, Hanyang University, Goyang, South Korea;* ⁶*Department of Orthopaedic Surgery, Ajou University College of Medicine, Suwon, South Korea*
 6 min
- A-0141** SURGICAL OUTCOMES OF SEGMENTAL DIAPHYSEAL FOREARM FRACTURES IN ADULTS: A SMALL CASE SERIES ON PLATE OSTEOSYNTHESIS, INTRAMEDULLARY NAILING, AND OTHER SURGICAL METHODS
 Dong Hee Kim¹, Hyo Seok Jang², Sang Ho Kwak³, Sung Yoon Jung⁴, Jong Min Jeon¹, Tae Young Ahn⁵, Sang Hyun Lee⁵, Hyun-Joo Lee⁶ | ¹*Departments of Orthopedic Surgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, South Korea;* ²*Department of Orthopedic Surgery, Inje University Haeundae Paik Hospital, Inje University College of Medicine, South Korea;* ³*Department of Orthopedic Surgery, SNU Seoul Hospital, South Korea;* ⁴*Department of Orthopedic Surgery, College of Medicine, Dong-A University Hospital, South Korea;* ⁵*Department of Orthopedic Surgery, Medical Research Institute, Pusan National University Hospital, Pusan National University School of Medicine, South Korea;* ⁶*Department of Orthopedic Surgery, Kyungpook National University Hospital, University College of Medicine, South Korea*
 6 min

- A-0504** WRIST WAR INJURY. FUSIONS AND MOVEMENT PRESERVING PROCEDURES
Tymoshenko Serhii, Kotova Mariia, Lysak Andrii | *SI "Institute of Traumatology and Orthopedics of NAMS of Ukraine"*
6 min

Saturday, 29 June 2024

	ROOM VAN WEELDE ZAAL
10:30-12:30	S097 BRACHIAL PLEXUS

Chairs: Jorg Bahm, Florian Früh

- A-0303** THE RELATIONSHIP BETWEEN PATIENT FACTORS AND CLINICAL OUTCOMES OF FREE FUNCTIONAL MUSCLE TRANSFER IN PATIENTS WITH COMPLETE TRAUMATIC BRACHIAL PLEXUS INJURY
Heri Suroto^{1,2,3}, Indrayuni Lukitra Wardhani⁴, Ratna Darjanti Haryadi⁴, Dina Aprilya⁵, Steven Samijo⁶, Firman Pribadi¹ | ¹*Master of Hospital Administration, Universitas Muhammadiyah Yogyakarta, Yogyakarta, Indonesia;* ²*Department of Orthopedics & Traumatology, Faculty of Medicine, Universitas Airlangga/Dr Soetomo General Academic Hospital, Surabaya, Indonesia;* ³*Cell & Tissue Bank Regenerative Medicine, Dr Soetomo General Academic Hospital, Surabaya, Indonesia;* ⁴*Department of Physical Medicine and Rehabilitation, Faculty of Medicine, Universitas Airlangga/Dr Soetomo General Academic Hospital, Surabaya, Indonesia;* ⁵*Orthopedic and Traumatology, Siloam Agora Hospital, Jakarta, Indonesia;* ⁶*Orthopedic and Traumatology, Zuyderland Medisch Centrum, Limburg, Netherlands*
6 min
- A-0306** TRAPEZIUS ELBOW FLEXO-PLASTY: A NOVEL TECHNIQUE TO RESTORE SHOULDER AND ELBOW FUNCTION IN LATE PREGANGLIONIC PAN PLEXUS INJURIES
Khalid Masood, Shoaib Javed, Hafsa Ahmed, Anam Zafar, Rabia Masood, Usman Arshad | *Hand & Upper Limb Surgery Center CMH Lahore, HESS (Hand, Elbow, Shoulder Solutions) Center Farooq Hospital Lahore, Pakistan*
6 min
- A-0653** EFFECT OF SCAPULAR DYSKINESIS ON SHOULDER ACTIVE MOVEMENT AND FUNCTION IN CHILDREN WITH BRACHIAL PLEXUS BIRTH PALSY
Esra Merve Çakıryılmaz¹, Tüzün Fırat² | ¹*Department of Physiotherapy and Rehabilitation, Faculty of Health Sciences, Yüksek İhtisas University, Ankara, Turkey;* ²*Faculty of Physical Therapy and Rehabilitation, Hacettepe University, Ankara, Turkey*
6 min
- A-0717** A DEEP DIVE INTO MODIFIED MALLETT SCORING SYSTEM: ITEM DISCRIMINATION AND FACTOR ANALYSIS RESULTS
Merve Sariipek¹, Esra Merve Çakıryılmaz², Salih Bardakcı¹, Tüzün Fırat¹ | ¹*Hacettepe University, Faculty of Physical Therapy and Rehabilitation, Ankara, Türkiye;* ²*Yüksek İhtisas University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Ankara, Türkiye*
6 min

- A-0769** A SYSTEMATIC REVIEW OF LONG-TERM OUTCOMES FOLLOWING PARSONAGE TURNER SYNDROME AND AN EVIDENCE-BASED ALGORITHM TO OPTIMISE PATIENT MANAGEMENT
Rinad Al Hinai¹, Jake McDonnell², Roisin Dolan² | ¹*St Vincents University Hospital, Dublin, Ireland.*
²*Royal College of Surgeons in Ireland, Dublin, Ireland*
6 min
- A-0812** FACTORS OF INFLUENCE ON NEUROPATHIC PAIN AFTER SEVERE ADULT TRAUMATIC BRACHIAL PLEXUS INJURIES
Tawatha C. Steendam, Justus L. Groen, Martijn J.A. Malesy, Willem Pondaag | *Leiden University Medical Center, Leiden, the Netherlands*
6 min
- A-0024** NEW APPROACH FOR THE TREATMENT OF PATIENTS WITH IRREVERSIBLE BRACHIAL PLEXUS PALSIES
Alexander Gardetto¹, Juliane Ebner², Reinhold Perkmann² | ¹*Centre for Plastic, Aesthetic and Reconstructive Surgery with Hand Surgery. Reference Centre for Bionic Prosthetics. Brixsana Private Clinic, Bressanone, Italy;* ²*Department of Vascular and Thoracic Surgery, General Hospital of Bolzano, Italy*
6 min
- A-0754** RECONSTRUCTION OF BRACHIAL PLEXUS LESIONS IN THE ELDERLY – A CASE SERIES
Christian Smolle, Judith C. Geißler, Severine Kerbl, Werner Girsch | *Division of Plastic, Aesthetic and Reconstructive Surgery, Department of Surgery, Medical University of Graz, Austria*
6 min
- A-0084** FLUOROSCOPIC SNIFF TEST AS A DIAGNOSTIC TOOL FOR PHRENIC NERVE INJURY IN TRAUMATIC BRACHIAL PLEXUS INJURY PATIENTS
Pasin Watanapokasin¹, Yuwarat Monteerarat¹, Torpon Vatthana¹, Roongsak Limthongthang¹, Mathee Ongsriporn^{2,3}, Panai Laohaprasitiporn¹ | ¹*Department of Orthopaedic Surgery and Rehabilitation, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand;* ²*Department of Anatomy, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand;* ³*Department of Radiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*
6 min
- A-0283** UTILIZING THE SPINAL ACCESSORY NERVE TRANSFER TO THE MUSCULOCUTANEOUS NERVE IN BIRTH BRACHIAL PLEXUS PALSY
Tala Thammaroj, Surut Jianmongkol, Chaiyos Vinitpairot | *Khon Kaen University, Khon Kaen, Thailand*
6 min

Saturday, 29 June 2024

	ROOM EDUARD FLIPSE ZAAL
10:30-11:30	S101 SECTION II: TECHNIQUES IN WRIST ARTHROSCOPY (BONY RECONSTRUCTION AND ARTHRITIS)
A-1438	ARTHROSCOPIC SCAPHOID NONUNION BONE GRAFTING Asgeir Amundsen <i>Norway</i> 12 min
A-1439	ARTHROSCOPIC TREATMENT OF PERILUNATE INJURIES Guillaume Herzberg <i>France</i> 12 min
A-1440	ARTHROSCOPIC-ASSISTED DISTAL RADIUS FRACTURE FIXATION Andrew Chin <i>Singapore</i> 12 min
A-1441	THE ARTHROSCOPIC TREATMENT OF KIENBOCK'S DISEASE Eva-Maria Baur <i>Germany</i> 12 min
	Cases and Discussion 12 min

Saturday, 29 June 2024

	ROOM VAN CAPPELLEN ZAAL
10:30-11:50	S102 ALL ABOUT NERVES
	Chairs: Elske Bonhof-Jansen, Karin Boer-Vreeke
A-1258	NERVE SURGERY: CHANGE OR IMPROVE? Michiel Zuidam <i>The Netherlands</i> 12 min
A-1259	DIAGNOSING, TREATING AND EVALUATING ALLODYNIA, USING THE SOMATOSENSORY REHABILITATION METHOD Karin Boer-Vreeke <i>The Netherlands</i> 15 min
	Discussion A 8 min
A-1260	LEARNING FROM LEPROSY: HAND NERVE ISSUES AND DEFORMITIES Ton Schreuders <i>The Netherlands</i> 10 min

A-1261 NERVE TRANSFERS IN THE UPPER EXTREMITY

Clemens Gstöttner | *Austria*

10 min

A-1262 PRINCIPLES OF HAND THERAPY FOLLOWING SELECTIVE NERVE TRANSFERS

Agnes Sturma | *Austria*

10 min

Discussion B

10 min

Saturday, 29 June 2024

	ROOM EDUARD FLIPSE ZAAL
11:30-12:30	S104 MISCELLANEOUS

Chairs: Letizia Marengi, Philipp Honigmann

A-0767 IS ANTIBIOTIC PROPHYLAXIS IN HAND SURGERY NECESSARY?

Anja Hunziker¹, Andrea Frey^{1,2}, Ilja Kaech¹, Dirk J. Schaefer¹, Alexandre Kaempfen¹ | ¹*Plastic, Reconstructive, Aesthetic and Hand Surgery, University Hospital Basel, Basel, Switzerland;* ²*Hand Surgery, Orthopaedic Department, Cantonal Hospital Baselland, Basel, Switzerland*

6 min

A-0907 BONE REMODELING AFTER THUMB CMC TOTAL JOINT ARTHROPLASTY BASED ON BONE SCINTIGRAPHY

Tim Philips^{1,2}, Laurens Van Melkebeke², Pieter Caekebeke², Joris Duerinckx² | ¹*Ghent University Hospital, Ghent, Belgium;* ²*Ziekenhuis Oost-Limburg, Genk, Belgium*

6 min

A-0789 COMPARTMENT SYNDROME OF THE THORACIC LIMB CAUSED BY CUTANEOUS ANTHRAX - A RARE PATHOLOGY WITH CHALLENGING ETIOLOGICAL DIAGNOSIS AND PROVOCATIVE THERAPEUTIC MANAGEMENT

Mihaela Pertea^{1,2}, Stefana Luca^{1,2}, Alexandru Amarandei², Maria Dan³, Dan Cristian Moraru^{1,2} | ¹*Plastic Surgery and Reconstructive Microsurgery Department, "Sf Spiridon" Emergency County Hospital Iasi, Romania;* ²*"Grigore T Popa" University of Medicine and Pharmacy Iasi, Romania;* ³*Microbiology Department, Sf Spiridon, Emergency County Hospital, Iasi, Romania*

6 min

A-0041 FACTORS INFLUENCING THE SUCCESSFUL TREATMENT OF RECURRENT TRIGGER FINGER WITH REPEATED CORTICOSTEROID INJECTIONS: A PROSPECTIVE COHORT STUDY

Pobe Luangjarmekorn, Adithep Charoenyothakun, Vanasiri Kuptniratsaikul, Pravit Kitidumrongsook | *Department of Orthopaedics, Faculty of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Bangkok, Thailand*

6 min

- A-0254** 13 YEARS OF HAND SURGERY WITHOUT ANESTHESIOLOGIST ASSISTANCE. AN ANALYSIS OF EFFICACY AND SAFETY OF ANESTHESIA TO OPERATIONS PERFORMED BY SURGEONS, WITHOUT ASSISTANCE OF ANESTHESIOLOGIST
 Andrzej Zyluk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
 6 min

Saturday, 29 June 2024

	ROOM VAN CAPPELEN ZAAL
11:50-12:30	S105 COMMON HAND INJURIES
	Chairs: Agnes Sturma, Nicole de Wit
A-1263	DISTAL RADIUS FRACTURES Hayley Smith <i>UK</i> 10 min
	Discussion A 2 min
A-1264	PULLEY INJURIES: ROCK THE JOINTS Ilke Plaisier <i>Belgium</i> 10 min
	Discussion B 2 min
A-1265	DISEASE-SPECIFIC OUTCOME MEASURES IN DUPUYTREN'S DISEASE Sonja Pelzmann <i>Austria</i> 10 min
	Discussion C 2 min

Saturday, 29 June 2024

	ROOM GROTE ZAAL
12:30-12:50	S106 CLOSING CEREMONY
A-1424	CLOSING REMARKS BY THE CHAIR OF ORGANISING COMMITTEE Henk Coert <i>The Netherlands</i> 5 min
A-1425	IFSSH2025 Daniel Nagle <i>USA</i> 5 min

A-1426 FESSH2025
Jorma Ryhänen | *Finland*
5 min

A-1427 CLOSING REMARKS BY THE FESSH SECRETARY GENERAL
Brigitte van der Heijden | *The Netherlands*
5 min

E-Posters

3D applications

- A-0067** REPLACEMENT OF A DESTROYED SCAPHOID BY A 3D MODELLED PROSTHESIS
Marius Kemler | *Martini Hospital, Groningen, the Netherlands*
- A-0161** MANAGEMENT OF SEQUELAE OF ARTICULAR FRACTURE OF THE HEAD OF THE 3RD METACARPAL USING 3D RECONSTRUCTION: A CASE REPORT
Ophelie Simon, Alexandre Petit, Nicolas Bigorre | *Centre de la Main, Angers, France*
- A-0485** A NOVEL MEASUREMENT METHOD IN THE EVALUATION OF 1ST CARPOMETACARPAL JOINT DISLOCATION BY SESAMOID BONES AT 1ST METACARPOPHALANGEAL JOINT
Pin-Jui Chiu, Cheng-En Hsu | *Taichung Veterans General Hospital, Taichung, Taiwan*
- A-0490** COMPARISON OF 3D MANUFACTURED VS. PREFABRICATED BRACES ON THE EFFECTS OF PAIN AND DAILY FUNCTION IN THUMB CARPOMETACARPAL OSTEOARTHRITIS
Van Beek Nathalie, De Schrijver Frédéric, Nelen Jonas, Goeminne Sofie | *Department of Orthopaedic Surgery, AZ Herentals, Herentals, Belgium*
- A-0549** THE EFFECT OF CT SLICE THICKNESS ON THE ACCURACY OF VIRTUAL RADIUS MODELS AND SURGICAL GUIDES
Emilia Gryska^{1,2}, Per Fredrikson^{1,2}, Kathleen Libberecht^{1,2}, Peter Axelsson^{1,2}, Anders Björkman^{1,2} | ¹*Department of Hand Surgery, Sahlgrenska University Hospital, Mölndal, Sweden;* ²*Institute of Clinical Sciences, Sahlgrenska Academy at the University of Gothenburg, Sweden*
- A-0551** THREE-Dimensionally PLANNED, PATIENT-SPECIFIC CUSTOM-PRINTED SURGICAL GUIDES AND OSTEOTOMY PLATES FOR CORRECTIVE OSTEOTOMIES OF DISTAL RADIUS MALUNION
Abdulrazak Abdulsalam, Feiran Wu | *Birmingham Hand Centre, Queen Elizabeth Hospital Birmingham, United Kingdom*
- A-0979** THREE-DIMENSIONAL SUPERFICIAL INFERIOR EPIGASTRIC ARTERY VISUALIZATION: A CLINICAL TRIAL OF PHOTOACOUSTIC IMAGING FOR RECONSTRUCTIVE SURGERY OF THE HAND
Aiko Makino¹, Susumu Saito¹, Hiroki Yamanaka¹, Ayako Takaya¹, Itaru Tsuge¹, Maria Chiara Munisso¹, Aya Yoshikawa², Hiroyuki Sekiguchi², Yasufumi Asao², Takayuki Yagi², Naoki Morimoto¹ | ¹*Department of Plastic and Reconstructive Surgery, Graduate School of Medicine and Faculty of Medicine, Kyoto University, Kyoto 606-8501, Japan;* ²*Luxonus Inc., Kawasaki, Kanagawa, Japan.*
- A-1016** BREAKAGE OF A CUSTOMIZED OSTEOTOMY PLATE. A CASE REPORT
Albert Pardo, Sergi Alabau, Lidia Ana Martín, Xavier Mir | *Hospital Quiron-Dexeus Barcelona, Spain*

Arthritis small joints

- A-0039** MODIFIED DUBERT'S TECHNIQUE WITHOUT ILIAC GRAFT HARVESTING IN 5TH CMC ARTHRITIS
Aurélien Iniesta, André Gay, Caroline Curvale, Benoit Poef, Jean-Luc Pellat | *Institut de la main et du membre supérieur, Marseille, France*

- A-0076** DIFFERENCE OF TWO TYPES OF SILICONE IMPLANT FOR SYMPTOMATIC DISTAL INTERPHALANGEAL JOINT ARTHROPLASTY
Satoshi Usami¹, Yoshitaka Minamikawa², Yoshitaka Hamada³, Yukiko Kinoshita², Kohei Inami¹ | ¹*Department of Hand Surgery, Tokyo Hand Surgery & Sports Medicine Institute, Takatsuki Orthopaedic Hospital, Tokyo, Japan;* ²*Department of Hand Surgery, Namba Hand Center, Osaka, Japan;* ³*Department of Orthopaedics Surgery, Kansai Medical University Medical Center, Osaka, Japan*
- A-0140** OUR EXPERIENCE WITH SIGNIFICANT COMPLICATIONS WITH TOTAL TRAPEZIOMETACARPAL PROSTHESIS AFTER 15 YEARS
Higinio Ayala, Manuel R. Sanchez, Fernando J. Del Canto, Jose Couceiro, David Santos | *Hospital Universitario Marques de Valdecilla*
- A-0188** MICROSCOPIC DIP JOINT SYNOVECTOMY FOR MUCOUS CYST
Hiroyuki Ohi | *Seirei Hamamatsu General Hospital, Hamamatsu, Japan*
- A-0288** RESULTS OF ARTHROSCOPIC PARTIAL TRAPEZIECTOMY WITH SUTURE-BUTTON SUSPENSIONPLASTY FOR THUMB CARPOMETACARPAL ARTHRITIS
Ryosuke Ikeguchi, Takashi Noguchi, Koichi Yoshimoto, Daichi Sakamoto, Terunobu Iwai, Kazuaki Fujita, Shuichi Matsuda | *Kyoto University, Kyoto, Japan*
- A-0435** THUMB BASAL JOINT ARTHROPLASTY : THE 5 YEAR REOPERATION RATE
Adam N. Fano¹, Jack G. Graham¹, Jonathan Dang², Asif M. Ilyas^{1,2} | ¹*Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA;* ²*Drexel University College of Medicine, Philadelphia, PA, USA*
- A-0454** INTRAOPERATIVE CUP-REVISION IN PRIMARY CMC-1 ARTHROPLASTY
Kevin Knappe^{1,2}, Mareike Schonhoff², Sebastian Jaeger², Berthold Bickert³, Leila Harhaus³, Benjamin Panzram¹ | ¹*Clinic for Orthopedic Surgery, University Hospital, Heidelberg, Germany;* ²*Laboratory of Biomechanics and Implant Research, Clinic for Orthopedic Surgery, University Hospital Heidelberg, Germany;* ³*Department of Hand, Plastic and Reconstructive Surgery, Microsurgery, Burn Trauma Center, BG Trauma Center Ludwigshafen am Rhein, Germany*
- A-0525** TRAPEZIECTOMY WITH SUTURE VERSUS SUTURE BUTTON SUSPENSIONPLASTY FOR THUMB CARPOMETACARPAL JOINT OSTEOARTHRITIS
Lilah Fones¹, Calista Stevens², Alexis Kasper¹, Jonas Matzon¹, Asif M. Ilyas^{1,3} | ¹*Rothman Orthopaedic Institute, Thomas Jefferson University, Philadelphia, PA, USA;* ²*University of Connecticut School of Medicine, Farmington, CT, USA;* ³*Drexel University College of Medicine, Philadelphia, PA, USA*
- A-0625** CAPFLEX PIP JOINT ARTHROPLASTY TO TREAT JOINT ANKYLOSIS: EXPANDING INDICATIONS
Lauren Uppal | *Guy's & St Thomas' Hospitals, London*
- A-0736** THUMB CARPOMETACARPAL JOINT OSTEOARTHRITIS: ARTHROSCOPIC HEMITRAPEZIECTOMY AND SUTURE BUTTON SUSPENSIONPLASTY USING A PLACEMENT GUIDE
Martín Caloia^{1,2}, Hugo Caloia^{1,2}, Sergio E Ronconi^{1,2}, Alejandro Meritano¹, Gerónimo Chamorro¹, Agustina Laboranti¹ | ¹*Hospital Universitario Austral, Buenos Aires, Argentina;* ²*Sanatorio Mater Dei, Ciudad Autónoma de Buenos Aires, Argentina*

- A-0755** ANALYSIS OF TRAPEZIOMETACARPAL PROSTHESIS CUP POSITION WITH RESPECT TO THE TRAPEZIAL ANATOMY
Kjell Van Royen^{1,2}, Sebastiaan Bogaert¹, Chul Ki Goorens³, Bert Vanmierlo⁴, Joris Duerinckx⁵, Jean Goubau^{1,6} | ¹UZ Brussel, Brussels, Belgium; ²OLVZ Aalst, Aalst, Belgium; ³RZ Tienen, Tienen, Belgium, AZ Delta, Roeselare, Belgium; ⁵ZOL, Genk, Belgium; ⁶AZ Maria Middelaers, Gent, Belgium
- A-0775** ARTHRODESIS OF THE PIP JOINT WITHOUT POSTOPERATIVE IMMOBILIZATION? RESULTS OF BIOMECHANICS STUDIES OF PRIMARY STABILITY
Michael Millrose^{1,2}, Hans-Christoph Vonderlind³, Andreas Thannheimer¹, Till Ittermann⁴, Hermann-Josef Bail², Andreas Eisenschen⁴ | ¹Garmisch-Partenkirchen Medical Centre, Garmisch-Partenkirchen, Germany; ²Paracelsus Medical University, Nuremberg, Germany; ³HELIOS Hospital Schwerin - University Campus of MSH Medical School Hamburg, Schwerin, Germany; ⁴University of Greifswald, Greifswald, Germany
- A-0824** DRUJ HEMIARTHROPLASTY AND POSSIBLE FUTURE DEVELOPMENTS
Aalna Mittal, Jagmeet Bhamra, Jon Compson | *Kings College Hospital, London*
- A-0867** FUNCTIONAL AND RADIOGRAPHIC OUTCOMES OF STANDARD VS DOUBLE-MOBILITY MAÏA PROSTHESIS FOR TRAPEZIOMETACARPAL ARTHRITIS. A CASE SERIES WITH 2 YEAR FOLLOW-UP
Sergi Barrera-Ochoa¹, Julio Adrián Martínez-Garza¹, Edna Buitrago², Agustina Laboranti³, Alejandro Meritano³, Jose Antonio Prieto Meré¹, Daniel López Guevara^{1,4} | ¹Hand, Elbow and Microsurgery Unit, Institut de la Mà. Hospital Universitari General de Catalunya, Barcelona, Spain; ²Division of Hand Surgery, Pontifical Xavierian University, Cali, Colombia; ³Hospital Universitario Austral, Buenos Aires, Argentina; ⁴Instituto de Microcirugía Valencia, Valencia, Venezuela
- A-0973** WHAT DOES NOT FIT IS MADE TO FIT
Christian Wirtz, Tim Cordier, Mathias Haefeli | *Kantonsspital Graubuenden, Chur, Switzerland*
- A-0977** THE OUTCOME OF FINGER JOINT ARTHROPLASTY UTILIZING SILICONE IMPLANTS WITH THE VOLAR APPROACH FOR FINGER OSTEOARTHRITIS (PIP JOINT)
Katsuhiko Tokutake, Michiro Yamamoto, Keiichiro Nishikawa, Katsuyuki Iwatsuki, Hidemasa Yoneda, Yasunobu Nakagawa, Masaomi Saeki, Atsuhiko Murayama, Sota Saeki | *Nagoya University Hospital*
- A-1010** ARTHROSCOPIC HEMITRAPEZIECTOMY VERSUS CMC PROSTHESIS: WHICH TECHNIQUE ALLOWS AN EARLIER RETURN TO NORMAL ACTIVITY?
Paula Serrano, Marcos Cruz, Jaime de La Torre, Cristóbal Martínez | *Hospital Dos De Maig, Clínica Teknon*
- A-1022** OUTCOME COMPARISON OF PRIMARY SUTURE BUTTON SUSPENSIONPLASTY VERSUS SECONDARY SUTURE BUTTON SUSPENSIONPLASTY FOLLOWING FAILED TOTAL TRAPEZIOMETACARPAL JOINT REPLACEMENT
Sergi Barrera-Ochoa¹, Julio Adrián Martínez-Garza¹, Mendez Gerardo¹, Jose Antonio Prieto Meré¹, Daniel López Guevara^{1,2}, Mora-Esther¹ | ¹Hand, Elbow and Microsurgery Unit, Institut de la Mà. Hospital Universitari General de Catalunya, Barcelona, Spain; ²Instituto de Microcirugía Valencia, Valencia, Venezuela

A-1059 ASSESSMENT OF CAPFLEX PROSTHESIS IN PROXIMAL INTERPHALANGEAL JOINT RECONSTRUCTION: LONG-TERM PROGRESS AND CONSIDERATIONS FOR SUCCESS
J. Teodori¹, F. Paganini², S. Matarazzo², F. Tamborini^{1,2}, A. Brandolini¹, A. Minini¹, E. Mascherpa¹, L. Valdatta², A. Fagetti¹ | ¹Hand Surgery Unit – Circolo Hospital and Macchi Foundation – Varese, Italy; ²Plastic and Reconstructive Unit - Circolo Hospital and Macchi Foundation – Insubria University - Varese, Italy

A-1066 CONVENTIONAL BUTTON SUSPENSIONPLASTY VS ALL-SUTURE SUSPENSIONPLASTY FOR RHIZARTHROSIS. WHAT ARE THE CLINICAL OUTCOMES? A RETROSPECTIVE STUDY
Sergi Barrera-Ochoa¹, Melissa Bonilla-Chaperón¹, Tryno Muñoz², Gerardo Méndez¹, Ester Mora¹, Gustavo Sosa¹ | ¹Institut de la Mà, Hospital Universitari General de Catalunya, Barcelona, Spain; ²Hospital Comarcal de Blanes, Girona, Spain

A-1069 SURGICAL TREATMENT OF OSTEOARTHRITIS OF THE FIRST CMC JOINT, WITH AN ASSOCIATED ARTHRITIS OF THE STT JOINT
Tadej Voljc, Martina Carnieletto, Ana-Lisa Pignet, Marlies Schellnegger, Werner Girsch | Department of Plastic, Aesthetic and Reconstructive Surgery, University Hospital Graz, Austria

Arthritis wrist

A-0008 TECHNIQUES TO REDUCE COMPLICATIONS IN TOTAL WRIST ARTHRODESIS - A CASES SERIES
Nathan Khabyeh-Hasbani¹, Sibat Noor¹, Sara Guerra², Yufan Yan¹, Steven M. Koehler¹ | ¹Montefiore Medical Center, Bronx, NY, USA; ²Cedars Sinai Medical Center, Los Angeles, CA, USA

A-0055 AGE CONSIDERATIONS IN FOUR CORNER FUSION AND PROXIMAL ROW CARPECTOMY: A SYSTEMATIC REVIEW
John Heifner¹, Thomas Karadimas², Osmany Gomez³, Gregory Kolovich⁴ | ¹Miami Orthopaedic Research Foundation; ²USF Moroni College of Medicine; ³Larkin Hospital Department of Orthopedic Surgery; ⁴Optim Orthopedics

A-0375 WRIST ARTHRODESIS WITH STRUCTURAL DISTAL TIBIA ALLOGRAFT IN SEVERE BONE LOSS AFTER FAILED WRIST ARTHROPLASTY
Ana Carreño^{1,2}, Laia Sabaté¹, Raquel Garcia¹, Juana Medina¹, Joaquin Fores¹, Angel Ferreres² | ¹Hospital Clinic Barcelona, Spain; ²Kaplan Hand Institute, Barcelona, Spain

A-1049 RADIOCAPITATE FUSION - AN ALTERNATIVE TO THE TOTAL WRIST FUSION, THAT PRESERVES RESIDUAL MOTION AND DECREASES NUMBER OF COMPLICATIONS.
Radek Kebrle¹, Martin Czinner^{1,2}, Eliška Šulcová³, Tereza Peterková¹ | ¹Hand Surgery Department, Dr. Pírek's Clinic, Mlada Boleslav, Czech Republic; ²Orthopaedic Surgery Department, Regional Hospital Liberec, Czech Republic; ³Hand and Plastic Surgery Institute, Vysoké nad Jizerou, Czech Republic

Basic research

A-0010 GRANT CONVERSION TO PUBLICATIONS, PRESENTATIONS, AND NIH FUNDING IN HAND SURGERY
Nathan Khabyeh-Hasbani, Sibat Noor, Steven M. Koehler | Montefiore Medical Center, Bronx, NY, USA

- A-0046** NEUROPROTECTIVE EFFECTS OF METHYLCOBALAMIN-CONTAINING NANOFIBER SHEETS IN A RAT SCIATIC NERVE ADHESION MODEL - A COMPARATIVE STUDY WITH NEUROPROTECTIVE SHEETS DERIVED FROM SMALL INTESTINAL SUBMUCOSA -
Yoshiaki Yoshimura, Toru Iwahashi, Taisuke Kasuya, Toshiki Shimada, Katsuyuki Konishi, Atsushi Kamata, Mai Konishi, Arisa Kazui, Ryoya Shiode, Satoshi Miyamura, Kunihiko Oka, Seiji Okada, Hiroyuki Tanaka | *Osaka University Graduate School of Medicine, Osaka, Japan*
- A-0047** METHYLCOBALAMIN PROMOTES ANGIOGENESIS AFTER PERIPHERAL NERVE INJURY
Yoshiaki Yoshimura, Toru Iwahashi, Taisuke Kasuya, Toshiki Shimada, Katsuyuki Konishi, Atsushi Kamata, Mai Konishi, Arisa Kazui, Ryoya Shiode, Satoshi Miyamura, Kunihiko Oka, Seiji Okada, Hiroyuki Tanaka | *Osaka University Graduate School of Medicine, Osaka, Japan*
- A-0053** INVESTIGATING THE ROLE OF METRN1 IN THE INJURY RESPONSE FOLLOWING FINGERTIP AMPUTATION
Nadjib Dastagir, Vesna Bucan, Khaled Dastagir Peter Maria Vogt | *Medical School of Hannover, Germany*
- A-0086** BIOMECHANICAL CHARACTERIZATION OF THE BRACHIAL PLEXUS AND HISTOMORPHOLOGIC CORRELATION
Anne Perruisseau-Carrier¹, Vadim Fleury², Hamdi Jmal¹, Philippe Liverneaux³, Nadia Bahlouli¹, Yann Marco² | ¹Département de Mécanique, Laboratoire ICube, Strasbourg; ²IRDL (Institut de Recherche Dupuy de Lôme) UMR CNRS 6027, ENSTA Bretagne, Brest; ³Chirurgie de la Main et du Membre Supérieur, Hôpitaux Universitaires de Strasbourg, Strasbourg, France
- A-0324** COLD INTOLERANCE SYMPTOM SEVERITY (CISS-ARM) SCALE. ARMENIAN TRANSLATION, INTERCULTURAL CORRESPONDENCE AND APPROVAL
Gayane A. Mkhitarian^{1,2}, Haykanush V. Stepanyan², Zakar S. Khojaghyan¹, Artavazd B. Sahakyan¹, David O. Abrahamyan³, Armine Chopikyan⁴ | ¹Yerevan N 1st University Hospital Complex after Mkhitar Heratsi, Yerevan, Armenia; ²NewMed Medical Center, Yerevan, Armenia; ³National Institute of Health named after Academician S. Avdalyan, Yerevan, Armenia; ⁴Yerevan State Medical University after Mkhitar Heratsi, Yerevan, Armenia
- A-0397** BIOMECHANICAL INVESTIGATION OF THE 0° LONGITUDINAL PULL VERSUS THE 90° TRANSVERSE PULL FORCE ON KNOT
Snow Lin Yunn¹, Yoke Rung Wong², Duncan Angus McGrouther^{2,3} | ¹Yong Loo Lin School of Medicine, National University of Singapore, Singapore; ²Biomechanics Laboratory, Singapore General Hospital, Singapore; ³Department of Hand Surgery and Reconstructive Microsurgery, Singapore General Hospital, Singapore
- A-0654** PRELIMINARY RESULTS OF THE ACCURACY OF CT-RSA MIGRATION MEASUREMENTS OF THE CAPFLEX PIP PROSTHESIS: AN ANATOMIC SPECIMEN STUDY
R. Oomen¹, L.A. Koster², B.L. Kaptein², I.F. Blom^{1,3}, G.A. Kraan¹, N.M.C. Mathijssen¹ | ¹Reinier Haga Orthopedisch Centrum, Zoetermeer, The Netherlands; ²Leids Universitair Medisch Centrum, department of orthopaedics, Leiden, The Netherlands; ³Reinier de Graaf Gasthuis, department of radiology, Delft, The Netherlands

- A-0829** THE TRANSVERSE SIGMOID NOTCH MORPHOLOGY UNRAVELLED
S.B. Kramer, F. Raad, A. Hauser, I.B. Schipper, N.W.L. Schep | ¹*Maasstad Hospital, Rotterdam, The Netherlands*; ²*Leiden University Medical Center (LUMC) Leiden, The Netherlands*
- A-0839** ANALYSIS OF ADULT HAND BURN CASES: INSIGHTS FROM AN SEVEN-YEAR BURN UNIT STUDY
Julia Bartkova^{1,2}, Dusana Selecka², Livia Petrasskova², Janusz Rucki², Marianna Kotradyova² | ¹*Department of Burns and Plastic Surgery, Institution shared with University Hospital Brno, Faculty of Medicine, Masaryk University, Brno, Czech Republic*; ²*Faculty of Medicine, Masaryk University, Brno, Czech Republic*
- A-0859** THE MEANING OF GRIP STRENGTH IN ADOLESCENT STUDENTS
Burcu Semin Akel, Kübra Önerge, Adnan Apti, Halenur Evrendilek, İmge Nas, Nazif Ekin Akalan | *İstanbul Kültür University Faculty of Health Sciences Department of Physical Therapy and Rehabilitation, Türkiye*
- A-0878** FROM INFANCY TO ADOLESCENCE: UNDERSTANDING TRENDS AND PATTERNS IN PEDIATRIC HAND BURNS OVER 18 YEARS
Julia Bartkova^{1,2}, Dominika Miklisova², Klaudia Jarosova³, Barbara Baganova⁴, Sona Hrizova⁵, Kristian Kanuscak⁶, Dusana Selecka² | ¹*Department of Burns and Plastic Surgery, Institution shared with University Hospital Brno, Faculty of Medicine, Masaryk University, Brno, Czech Republic*; ²*Faculty of Medicine, Masaryk University Brno, Czech Republic*; ³*St Anne´s University Hospital Brno, Department of Urology, Brno, Czech Republic*; ⁴*Faculty of Medicine of the Slovak Medical University, Bratislava, Slovak Republic*; ⁵*Faculty of Medicine, Comenius University Bratislava, Slovak Republic*; ⁶*Hospital Kyov, Department of Surgery Kyov, Czech Republic*
- Bone reconstruction**
- A-0090** DORSO-ULNAR REVERSE FLOW PEDICLED OSSEOUS FLAP FOR BONE DEFECTS OF THE THUMB
Daniele Tosi, Pietro Francesco Delle Femmine, Lucrezia Arcari, Matteo Ornelli, Giovanni Ruocco, Nicola Felici | *San Camillo Forlanini Hospital, Unit of Reconstructive Surgery of the Limbs, Rome, Italy*
- A-0232** EMERGENCY METACARPOPHALANGEAL ARTHROPLASTY WITH BONE GRAFT IN TRAUMATIC JOINT DESTRUCTION
Amandine Ledoux, Christophe Duysens, Germain Pomares | *Hôpital Kirchberg, Luxembourg*
- A-0360** WRIST RECONSTRUCTION USING FREE VFG FOLLOWING INTRALESIONAL EXCISION FOR CAMPANACCI GRADE 3 GIANT CELL TUMORS INVOLVING THE ARTICULAR SURFACE OF THE DISTAL RADIUS
Jong Hun Baek¹, Duke Whan Chung², Ki Hyeok Ku², Jae Hoon Lee³, Jin Sung Park³ | ¹*Department of Orthopedic Surgery, Kyung Hee University, South Korea*; ²*Department of Orthopedic Surgery, Kyung Hee University Hospital at Gangdong, South Korea*; ³*Department of Orthopedic Surgery, Yeson Hospital, South Korea*
- A-0793** ALLOGRAFT RIVASCULARIZED WITH AUTOLOGOUS VESSELS: A NEW PERSPECTIVE OF BONE RECONSTRUCTION
Alessia Pagnotta¹, Virginia Maria Formica¹, Carmine Zoccali², Roberto Biagini³ | ¹*Jewish Hospital of Rome, Italy*; ²*La Sapienza University of Rome, Italy*; ³*Regina Elena National Cancer Institute of Rome, Italy*

Brachial Plexus

- A-0693** SAFETY PROFILE OF PHRENIC NERVE TRANSFER IN TRAUMATIC BRACHIAL PLEXUS INJURIES: IS THE MORBIDITY ACCEPTABLE?
Shane Carr, Stefanie Croughan, Matthew Murphy, Dr Alessandro N Franciosi, Prof Sean Gaine, Darragh Hynes, Roisin T Dolan, Mr Kevin J Cronin | *Department of Plastic & Reconstructive Surgery, Mater Misericordiae University Hospital, Dublin, Ireland*
- A-1003** ENABLING - THE KEY ROLE OF OCCUPATIONAL THERAPIST IN PROCESS OF BRACHIAL PLEXUS INJURY RECOVERY
Kelvin Cheong-Ho Liu, Raymond Wai-Kin Ching, Miko Chi-Yan Lam, Henry Wing-Tong Lo, Kanis Ka-Wing Wong | *Dept. of Occupational Therapy, North District Hospital, Hong Kong*

Congenital malformations

- A-0113** CONGENITAL MALFORMATIONS OF THE HAND ASSOCIATED WITH 12Q13.13 MICRODELETION
Howard Chu¹, Daisy Parsons¹, James Metcalfe², Alexander Armstrong² | ¹*Department of Burns, Plastic and Reconstructive Surgery, Royal Devon and Exeter Hospital (Wonford) Royal Devon University Healthcare NHS Foundation Trust, Exeter, Devon;* ²*Department of Burns, Plastic and Reconstructive Surgery, Derriford Hospital, University Hospitals Plymouth NHS Trust, Plymouth*
- A-0197** ONE BONE FOREARM AS SALVAGE PROCEDURE FOR FOREARM DEFORMITIES IN DEVELOPMENTAL AGE
Nunzio Catena¹, Chiara Arrigoni¹, Filippo M. Senes² | ¹*IRCCS Gaslini Children Hospital, Genova, Italy;* ²*San Giuseppe Hospital - Multimedica Group, Milano, Italy*
- A-0322** EFFORTS OF AN ORTHOPEDIC SURGEON WITH SYMBRACHYDACTYLY TYPE 2
Tatsuki Kobayashi¹, Yusuke Matsuura¹, Takahiro Yamazaki¹, Tomoyo Akasaka¹, Aya Kanazuka¹, Takane Suzuki¹, Kazuki Kuniyoshi², Seiji Ohtori¹ | ¹*Graduate School of Medicine, Chiba University, Chiba, Japan;* ²*Sereno Orthopedic Clinic, Kashiwa, Japan*
- A-0386** NON-IATROGENIC NEONATAL LIMB ISCHAEMIA: QUESTIONS ASKED, AND QUESTIONS ANSWERED? - A SYSTEMATIC REVIEW
Aayushi Singal, Yangmyung Ma, Noemi Jester, Avula Aishwarya Rao, Manwi Singh, Andrea Jester | *Department of Plastic Surgery, Birmingham Women's and Children's NHS Foundation Trust, Birmingham, United Kingdom*
- A-0391** WHAT AFFECTS THE PARENTAL STRESS DURING SURGICAL TREATMENT OF CONGENITAL HAND/ FOOT DUPLICATION?
Jihyeung Kim, Ji Sup Hwang, Changhyon Lee, Young Ho Lee, Hyun Sik Gong, Yohan Lee, Kee Jeong Bae, Dong Uk Jin, Wan Kee Hong | *Seoul National University College of Medicine, Seoul, Republic of Korea*
- A-0401** GENETIC CHARACTERIZATION OF THE NON-SYNDROMIC CONGENITAL HAND DIFFERENCES
Byung Jun Kim¹, Jinil Choi¹, Sung Yoon Cho², Min Sun Kim², Hyojung Park², Dong-Kyu Jin², Sung Tack Kwon¹ | ¹*Department of Plastic and Reconstructive Surgery, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Korea;* ²*Department of Pediatrics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*

- A-0516** CLEFT HAND
Schmoranzova Alena, Horackova Daniela, Hellmuth Tomas | *Hand and Plastic Institute, Vysoke nad Jizerou, Czech Republic*
- A-0576** PREVALENCE, INFANT OUTCOMES AND PARENTAL RISK FACTORS: A POPULATION-BASED STUDY OF CONGENITAL TRANSVERSE REDUCTION DEFICIENCY AT OR ABOVE THE WRIST LEVEL
Ida Neergård Sletten¹, Jarkko Jokihaara^{2,3}, Kari Klungsøyr^{4,5} | ¹*Division of Orthopaedic Surgery, Oslo University Hospital, Oslo, Norway;* ²*Department of Hand Surgery, Tampere University Hospital, Tampere, Finland;* ³*Faculty of Medicine and Health Technology, Tampere University, Tampere, Finland;* ⁴*Division of Mental and Physical Health, Norwegian Institute of Public Health, Bergen, Norway;* ⁵*Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway*
- A-1018** AN UNUSUAL PRESENTATION OF TYPE IV THUMB HYPOPLASIA
Ayşe Şencan, Osman Orman, Ethem Ayhan Ünkar | *University of Health Sciences Turkey, M.S. Baltalimani Bone Diseases Teaching and Research Hospital, Hand Surgery Clinic, Istanbul, Turkey*
- CORRECTIVE OSTEOTOMIES OF THE HAND AND FOREARM
- A-0353** THE OPTIMAL DONOR SITE FROM THE FOOT AS A NON-VASCULARIZED OSTEOCHONDRAL GRAFT FOR THE RECONSTRUCTION OF LUNATE FACET DEFECTS IN DISTAL RADIUS INTRAARTICULAR FRACTURE MALUNION
Marianne Therese S. Feng^{1,2}, Seo-Jun Lee², In Chul Choi², Jong Woong Park² | ¹*Department of Orthopedic Surgery, Vicente Sotto Memorial Medical Center, Cebu, The Philippines;* ²*Department of Orthopedic Surgery, College of Medicine, Korea University, Seoul, South Korea*
- A-0519** CORRECTIVE OSTEOTOMY FOR MALUNITED DISTAL RADIUS FRACTURE USING THE AUGMENTED REALITY (AR) OSTEOTOMY GUIDE
Masaru Munemori, Akira Kodama, Shogo Iwaguro, Kazushi Yokomachi, Yuta Hayashi, Rikuo Shinomiya, Yuko Nakashima, Nobuo Adachi | *Hiroshima University, Hiroshima, Japan*
- A-0526** CORRECTIVE OSTEOTOMY AFTER GRADUAL LENGTHENING OF THE FOREARM IN CHILDREN/ ADOLESCENTS
Soo Min Cha¹, In Ho Ga¹, Young Hwan Kim¹, Jae Hoon Yang² | ¹*Chungnam National University School of Medicine, Daejeon, South Korea;* ²*Centum Hospital, Daejeon, South Korea*
- DIAGNOSTICS IN HAND/WRIST SURGERY
- A-0167** DEVELOPMENT OF A DRAWING APPLICATION TO EVALUATE HAND AND WRIST FUNCTION
Jay Chandra^{1,3,4*}, Charlotte L. E. Laane^{1,2*}, Oscar Shen¹, Mark Stam¹, Jason Z. Shang⁴, Nicole F. Yu⁴, Neal C. Chen^{1,3}, Abhiram R. Bhashyam^{1,3} | ¹*Division of Hand Surgery, Dept of Orthopaedic Surgery, Massachusetts General Hospital;* ²*Erasmus MC, University Medical Centre Rotterdam, Trauma Research Unit, Dept of Surgery;* ³*Harvard Medical School, Boston, MA;* ⁴*Global Alliance for Medical Innovation, Cambridge, MA*
- A-0195** THE RELIABILITY AND APPLICABILITY OF TEN TEST IN HAND INJURIES: A SYSTEMATIC REVIEW
Marcel Chua^{1,2}, Ishith Seth^{1,2}, Warren M. Rozen^{1,2} | ¹*Central Clinical School at Monash University, Victoria, Australia;* ²*Peninsula Health, Victoria, Australia*

- A-0482** OCCULT DORSAL WRIST GANGLION FREQUENCY IN SURGICAL RESIDENTS AND VIOLINISTS. IS THE DORSAL GANGLION A PATHOLOGY?
Igor Golubev¹, Natalia Matveeva², Elena Ogorodnik³ | ¹National Medical Research Center Traumatology&Orthopaedics named after NN Priorov, Moscow, Russia; ²Moscow Regional Scientific Clinical Institute named after MF Vladimirsky, Moscow, Russia; ³Peoples` Friendship University named after P.Lumumba, Moscow, Russia
- A-0678** COMPARATIVE ANALYSIS OF ULTRASOUND AND SURGICAL FINDINGS IN ANATOMICAL VARIATIONS OF DE QUERVAIN'S DISEASE
Young Seok Lee, Chang Hun Lee | Department of Orthopaedic Surgery, College of Medicine, Hanyang University, Seoul, South Korea
- A-0762** NEW DIAGNOSTIC-BASED SYSTEMATIC CLASSIFICATION FOR SKIER'S THUMB INJURIES: A REVISION THAT IS NEEDED
Alina Strohmaier, Christian Wirtz, Leonhard Krafft, Mathias Haefeli | Clinic for Hand Surgery, Cantonal Hospital Graubünden, Loëstrasse 170, 7000 Chur, Switzerland
- A-0945** DISTAL RADIOULNAR JOINT TRANSLATION EVALUATED BY MAXIMUM INTENSITY PROJECTION IMAGES OF COMPUTED TOMOGRAPHY
Sotetsu Sakamoto, Satish Annabhau Mane, Yuji Saeki, Yasunori Hattori, Jun Sasaki, Kota Hayashi, Kazuteru Doi | Ogori Daiichi General Hospital, Yamaguchi, Japan
- A-1035** WRIST POSITION AFFECTS RADIOGRAPHIC MEASURES OF WRIST INSTABILITY
Diana Varshavsky^{1,2}, Ido Volk¹, Moamen Salamah^{1,2}, Ziv Wasrbrou¹, Amir Arami³, Shai Luria¹ | ¹Hand and Microvascular Surgery Unit, Hadassah—Hebrew University Medical Center, Jerusalem, Israel; ²Department of Military Medicine and 'Tzameret', Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, and Medical Corps, Israel Defense Forces, Israel; ³Hand Surgery and Microsurgery Department, Sheba Medical Center, Ramat Gan, Israel
- Distal radio-ulnar joint**
- A-0154** GIANT GIANT CELL TUMOR OF THE DISTAL RADIUS
Pavel Korpa¹, Jan Kovařík² | ¹Clinic of orthopedics and traumatology, University hospital in Pilsen, Czech Republic; ²Clinic of trauma surgery, University hospital in Brno, Czech Republic
- Distal radius fracture**
- A-0059** SURGICAL TREATMENT OF COMMUNUTED INTRA-ARTICULAR DISTAL RADIUS FRACTURE
Kyu Bum Seo, Hongje Kang | Jeju National Unviersity Hospital, South Korea
- A-0069** QUANTITATIVE THICKNESS MAPPING OF THE DISTAL RADIUS TO AID SCREW PLACEMENT DURING VOLAR PLATE FIXATION
Charlotte L. E. Laane^{1,2*}, Jayanth S. Pratap^{1*}, Rachel C. Cross¹, Mathieu M. E. Wijffels², Abhiram R. Bhashyam^{1,3}, Neal C. Chen^{1,3} | ¹Division of Hand Surgery, Dept. of Orthopaedic Surgery, Massachusetts General Hospital; ²Erasmus MC, University Medical Centre Rotterdam, Trauma Research Unit, Dept. of Surgery; ³Harvard Medical School, Boston, MA

- A-0070** ANATOMY OF LISTER'S TUBERCLE: IMPLICATIONS FOR COMPLICATIONS FOLLOWING DISTAL RADIUS FRACTURE
Charlotte L.E. Laane^{1,2*}, Floris V. Raasveld^{1,3*}, Huub H. de Klerk^{1,4,5}, Daniel T. Weigel^{1,6}, Jayanth S. Pratap¹, Kyle R. Eberlin^{1,7}, Neal C. Chen^{1,7} | ¹*Division of Hand Surgery, Department of Orthopaedic Surgery, Massachusetts General Hospital*; ²*Erasmus MC, University Medical Centre Rotterdam, Trauma Research Unit, Department of Surgery*; ³*Erasmus MC, University Medical Centre Rotterdam, Department of Plastic, Reconstructive, and Hand Surgery*; ⁴*Amsterdam Shoulder and Elbow Center of Expertise (ASECE) OLVG, Amsterdam, the Netherlands*; ⁵*Department of Orthopaedic Surgery, University Medical Center Groningen (UMCG) and Groningen University, Groningen, the Netherlands*; ⁶*Department of Plastic Surgery, Maastricht UMC, Maastricht University Medical Centre, the Netherlands*; ⁷*Harvard Medical School, Boston, MA*
- A-0122** OPERATIVE VERSUS NON-OPERATIVE TREATMENT OF CONCOMITANT ULNAR STYLOID PROCESS FRACTURES IN PATIENTS WITH DISTAL RADIUS FRACTURES – A SYSTEMATIC REVIEW AND META-ANALYSIS
Luke van Rosenberg^{1,3}, Bryan van de Wall², Mark van Heijl³, Rolf Groenwold⁴, Marijn Houwert⁵, Frank Beeres^{1,2} | ¹*University of Lucerne, Lucerne, Switzerland*; ²*Lucerne Cantonal Hospital, Lucerne, Switzerland*; ³*The Diaconessenhuis Hospital, Utrecht, the Netherlands*; ⁴*Leiden University Medical Center, Leiden, the Netherlands*; ⁵*University Medical Center, Utrecht, the Netherlands*
- A-0136** EFFORTS TO INTERVENE IN THE TREATMENT OF OSTEOPOROSIS IN PATIENTS AFTER DISTAL RADIUS FRACTURE
Mika Akahane¹, Kaoru Tada¹, Kazuko Okada², Naoki Osamura³, Keito Shimanuki⁴, Yuta Nakamura¹, Soichiro Honda¹, Akari Mori¹, Satoru Demura¹ | ¹*Department of Orthopaedic Surgery, Graduate School of Medical Sciences, Kanazawa University*; ²*Department of Orthopedic Surgery, Matto Ishikawa Central Hospital*; ³*Department of Orthopaedic Surgery, Kanazawa Medical Center*; ⁴*Department of Orthopaedic Surgery, Ishikawa Central Hospital*
- A-0177** DEMOGRAPHIC AND TREATMENT TRENDS OF DISTAL RADIUS FRACTURES: A TRINETX DATABASE REVIEW OF 32,912 PATIENTS
Yusuf Mahmood¹, Juliet Chung², Wali Pirzada³, Alexis Kasper⁴, Asif M. Ilyas^{3,4} | ¹*Hackensack Meridian School of Medicine, NJ, USA*; ²*Pennsylvania State University School of Medicine, NJ, USA*; ³*Drexel University College of Medicine, Philadelphia, PA, USA*; ⁴*Rothman Orthopaedic Institute, Philadelphia, PA, USA*
- A-0214** TFCC FOVEAL TEAR WITH DISTAL RADIUS FRACTURE
Hiroshi Ono, Daisuke Suzuki, Ayumu Ishizaki, Ryotaro Fujitani | *Hand Surgery Center, Nishinara Central Hospital, Nara, Japan*
- A-0262** THE RISK FACTORS FOR SUBSEQUENT FRACTURES AFTER DISTAL RADIUS FRACTURE
Eic Ju Lim¹, Jae Kwang Kim², Huijeong Kim², Young Ho Shin² | ¹*Department of Orthopaedic Surgery, Chungbuk National University Hospital, Cheongju, South Korea*; ²*Department of Orthopaedic Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea*

- A-0302** HOW DOES THE ADDITION OF DEXAMETHASONE TO A BRACHIAL PLEXUS BLOCK CHANGE PAIN PATTERNS AFTER SURGERY FOR DISTAL RADIUS FRACTURES? A RANDOMIZED, DOUBLE-BLIND STUDY
Min Kyoung Kim¹, Yong-Hee Park², Jae Sung Lee³, Hyoung-Seok Jung⁴ | ¹*Department of Anesthesiology and Pain Medicine, Chung-Ang University Gwangmyeong Hospital, Gwangmyeong, South Korea;* ²*Department of Anesthesiology and Pain Medicine, Chung-Ang University Hospital, Seoul, South Korea;* ³*Department of Orthopaedic Surgery, Chung-Ang University Hospital, Seoul, South Korea;* ⁴*Department of Orthopaedic Surgery, Chung-Ang University Gwangmyeong Hospital, Gwangmyeong, South Korea*
- A-0389** THE EFFECT OF NON-STEROIDAL ANTI-INFLAMMATORY MEDICATIONS ON UNION RATES AFTER OPERATIVE FIXATION OF DISTAL RADIUS FRACTURES
Michael Chang^{1,2}, Juliet Chung², Alexis Kasper², Justin Wright^{1,2}, Margaret Pennington^{1,2}, Asif Ilyas^{1,2} | ¹*Thomas Jefferson University Hospital, Philadelphia, USA;* ²*Rothman Orthopaedic Institute, Philadelphia, USA*
- A-0483** THE IMPACT OF ANTITHROMBOTIC DRUGS ON POSTOPERATIVE BLEEDING IN PATIENTS WHO WERE TREATED USING VOLAR LOCKING PLATE FOR DISTAL RADIUS FRACTURES
Youn Moo Heo¹, Sang Ki Lee² | ¹*Konyang University College of Medicine, Daejeon, South Korea;* ²*Eulji University College of Medicine, Daejeon, South Korea*
- A-0568** OUTCOMES AND COMPLICATIONS FOLLOWING OPEN REDUCTION INTERNAL FIXATION OF PEDIATRIC AND ADOLESCENT DISTAL RADIUS FRACTURES
Anisha Pancholi, Julia L. Conroy, Catherine C. May, Joshua M. Abzug | *University of Maryland School of Medicine, Baltimore, Maryland, USA*
- A-0582** OUTCOMES FOLLOWING ORIF OF PEDIATRIC DISTAL RADIUS FRACTURES WITH PLATE AND SCREW FIXATION
Dennis Morozov, Catherine C. May, Joshua M. Abzug | *University of Maryland School of Medicine, Baltimore, Maryland, USA*
- A-0584** DOES TIME UNTIL SURGERY AFFECTS FUNCTIONAL OUTCOMES AFTER DISTAL RADIUS FRACTURE? A RETROSPECTIVE ANALYSIS AT A SINGLE CENTER
Joana Páscoa Pinheiro¹, Miguel Alves Botton² | ¹*North Lisbon University Hospital Centre - CHULN, Portugal;* ²*Hospital Cuf Descobertas, Portugal*
- A-0667** THE EFFECTIVENESS OF THE BLOCK OF THE RADIAL NERVE AT THE SUPRACONDYLAR LEVEL FOR THE CONTROL OF PAIN AFTER DISTAL RADIAL FRACTURE SURGERY
Chul-Hyung Lee, Chul-U Kim, Hyun-Duck Choi, Jae-Beom Bae | *Daejeon Sun Hospital, South Korea*
- A-0692** ROTATIONAL DISPLACEMENT OF DISTAL RADIAL FRACTURES IN ADULTS
Grey Giddins, Sassi Sassi | *Royal United Hospital, Bath, UK*
- A-0768** COMPATIBILITY OF DISTAL RADIUS VOLAR LOCKING PLATE WITH VARIOUS VOLAR CORTICAL ANGLES WITHIN A POPULATION
Verstreken Andreas^{1,2}, Vanhees Matthias^{1,2,3}, Verstreken Frederik^{1,2,3}, Femke Danckaers⁴, Jozef Michielsen^{1,2} | ¹*Medical and Healthcare Science, University of Antwerp, Antwerp, Belgium;* ²*Orthopedic Department, University Hospital Antwerp, Antwerp, Belgium;* ³*Department of Orthopedic Surgery, AZ Monica, Antwerp, Belgium;* ⁴*IMEC - Vision Lab, Department of Physics, University of Antwerp, Belgium*

- A-0781** OUTCOMES AND COMPLICATIONS ASSOCIATED WITH PEDIATRIC AND ADOLESCENT DISTAL RADIUS FRACTURES MANAGED WITH CLOSED REDUCTION AND PERCUTANEOUS PINNING
Peyton Woodward, Julia L. Conroy, Catherine C. May, Joshua M. Abzug | *University of Maryland School of Medicine, Baltimore, Maryland, USA*
- A-0803** RETROSPECTIVE DATA ANALYSIS OF RADIOGRAPHIC PARAMETERS AND SUBSEQUENT CAST FAILURE IN PATIENTS ATTENDING AN ORTHOPAEDIC BIERS BLOCK CLINIC (BBC) FOR MANIPULATION OF DISTAL RADIUS FRACTURES (DRF): A SCOTTISH CENTRE'S EXPERIENCE
Mariam Sattar¹, Liam Lennox², Scott L. Barker¹, Anna H. K. Riemen^{1,2} | ¹*Aberdeen Royal Infirmary, NHS Grampian, Aberdeen, UK*; ²*University of Aberdeen, School of Medicine, Aberdeen, UK*
- A-0828** VOLAR LOCKING PLATE FIXATION VERSUS PLASTER IMMOBILIZATION FOR ACCEPTABLY REDUCED EXTRA-ARTICULAR DISTAL RADIUS FRACTURES: LONG-TERM FOLLOW-UP OF A RANDOMIZED CONTROLLED TRIAL
S.B. Kramer, M.A.M. Mulders, C.A. Selles, J.C. Goslings, N.W.L. Schep, on behalf of the VIPER Trial Collaborators | ¹*Maasstad Hospital, Rotterdam, The Netherlands*; ²*Onze Lieve Vrouwe Gasthuis (OLVG) Amsterdam, The Netherlands*
- A-0953** A RARE PRESENTATION OF A COMPLEX GALEAZZI FRACTURE-DISLOCATION AND A REVIEW OF LITERATURE COMPLICATIONS: DISLOCATION AND INTERPOSITION OF FLEXOR DIGITIMINIMI
S.Briano¹, G. Demontis¹, M. Pansecchi², F.Vitali³, V.Mazzola³, G. Pachera¹, A. Galuppi¹, E. Dapelo¹, M. Formica³, C. Martinoli² | ¹*Hand and Upper Limb Surgery Unit, San Martino Policlinic Hospital, Genoa, Italy*; ²*Radiology Department, University of Genoa, Genoa, Italy*; ³*Orthopaedic Clinic, University of Genoa, Genoa, Italy*
- A-1033** FACTORS ASSOCIATED WITH RE-ADMISSION FOLLOWING FIXATION OF A DISTAL END OF RADIUS FRACTURE: AN EXPLORATORY ANALYSIS OF A LARGE ADMINISTRATIVE DATASET IN THE UNITED KINGDOM.
Thomas D Stringfellow¹, Timothy WR Briggs², William K Gray² | ¹*Royal National Orthopaedic Hospital NHS Trust, London, UK*; ²*Getting it Right First Time Programme (GIRFT) NHS England, UK*
- Dupuytren's disease**
- A-0200** AGREEMENT BETWEEN PHOTOGRAPHIC AND GONIOMETRIC MEASUREMENTS OF DUPUYTREN'S CONTRACTURE – A DISC SUBSTUDY
Nick Johnson¹, Charlie Welch², Puvanendran Tharmanathan², Catherine Arundel², Joseph Dias³ | ¹*Pulvertaft hand centre, Derby, United Kingdom*; ²*York clinical trials unit, York, United Kingdom*; ³*University hospitals of Leicester, Leicester, United Kingdom*
- A-0201** THE COST-EFFECTIVENESS OF COLLAGENASE INJECTION VERSUS LIMITED FASCIECTOMY FOR MODERATE DUPUYTREN'S CONTRACTURE: AN ECONOMIC EVALUATION OF THE DISC TRIAL AND A DECISION ANALYTICAL MODEL
Qi Wu¹, Charlie Welch¹, Puvanendran Tharmanathan¹, Catherine Arundel¹, Nick Johnson², Joseph Dias³ | ¹*York Trials Unit*; ²*Pulvertaft hand centre, Derby*; ³*University Hospitals of Leicester NHS Trust*

A-0248 LESS RECURRENCE OF DUPUYTREN'S CONTRACTURE AFTER TREATMENT WITH COLLAGENASE INJECTION COMPARED TO NEEDLE FASCIOTOMY AFTER FIVE YEARS: A RANDOMIZED CONTROLLED TRIAL
Rasmus Wejnold Jørgensen, Claus Hjorth Jensen, Stig Jørring | *Department for Hand Surgery, Herlev and Gentofte University Hospital, Denmark*

A-0869 THE MINIMAL CLINICALLY IMPORTANT DIFFERENCE OF THE SOUTHAMPTON DUPUYTREN'S SCORING SCHEME
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Elbow/forearm

A-0042 NEEDLE ARTHROSCOPY OF THE ELBOW THROUGH AN ANTERIOR TRANSBRACHIAL PORTAL
Jose M. Rapariz¹, Ana M. Far-Riera¹, Carlos Perez-Uribarri², Silvia Martin-Martin³, Alfonso Rodriguez-Baeza⁴ | ¹*Hospital Son Llatzer, Palma de Mallorca*; ²*Hospital Cruces, Bilbao*; ³*Clinic Rotger, Palma de Mallorca*; ⁴*Departament of Morphological Sciences (Human Anatomy and Embryology Unit) Faculty of Medicine, Universitat Auto169noma de Barcelona, Barcelona, Spain*

A-0057 THE IMPACT OF PHYSIOLOGIC ALIGNMENT ON RADIOCAPITELLAR PRESSURE FOLLOWING RADIAL HEAD ARTHROPLASTY
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A-0246 TREATMENT STRATEGIES AND PROBLEMS OF TERRIBLE TRIAD INJURY
Yuki Sugimoto¹, Hideyuki Ota^{2,3}, Yuki Fujihara^{2,3}, Satoshi Niwa^{2,3}, Yoshiyuki Inagaki³, Yuki Nishimura³, Wakana Kawaguchi³ | ¹*Clinical Training Center, Nagoya Ekisaikai Hospital, Nagoya, Japan*; ²*Department of Orthopaedic, Nagoya Ekisaikai Hospital, Nagoya, Japan*; ³*Hand and Microsurgery Center, Nagoya Ekisaikai Hospital, Nagoya, Japan*

A-0402 CLINICAL RESULTS OF UNLINKED TYPE TOTAL ELBOW ARTHROPLASTY FOR STIFF ELBOWS IN PATIENTS WITH RHEUMATOID ARTHRITIS
Yasuhiro Kiyota¹, Takuji Iwamoto¹, Taku Suzuki¹, Noboru Matsumura¹, Kazuki Sato² | ¹*Department of Orthopaedic Surgery, School of Medicine, Keio University, Tokyo, Japan*; ²*Institute for Integrated Sports Medicine, Keio University School of Medicine, Tokyo, Japan*

A-0538 OUTCOMES FOR THE INTERNAL JOINT STABILIZER OF THE ELBOW AT OUR INSTITUTION
Laura Rey-Fernández, Marta Cuenca Llavall, Albert Pons Riverola, Antonio Nuñez Muñoz, Jordi Saus Sarrias | *Department of Orthopaedic and Traumatology, Althaia, Xarxa Assistencial Universitaria de Manresa*

A-0552 ANCONEUS-TRICEPS LATERAL FLAP FOR THE TREATMENT OF COMPLEX ARTICULAR FRACTURES OF THE DISTAL HUMERUS
Federico Martinelli, Guglielmo De Luise, Andrea Celli | *Hesperia Hospital, Modena, Italy*

- A-0574** ASSESSMENT OF DIFFERENCES REGARDING THE MANAGEMENT OF PEDIATRIC SUPRACONDYLAR HUMERUS FRACTURES BETWEEN HAND AND PEDIATRIC ORTHOPAEDIC SURGEONS
Cameron Amini, Catherine C. May, Julia L. Conroy, Joshua M. Abzug | *University of Maryland School of Medicine, Baltimore, Maryland, USA*
- A-0846** FEATURES OF SURGICAL TREATMENT OF COMBAT INJURIES OF THE FOREARM AND ELBOW IN THE CONDITIONS OF MODERN HOSTILITIES
Igor Kurinnyi | *SI "The Institute of Traumatology and Orthopedics" by NAMS of Ukraine*
- A-0917** CLINICAL OUTCOMES FOR LINKED FIXATION OF DISTAL HUMERUS FRACTURES: A PRELIMINARY REPORT
John Heifner¹, Scott Sandilands², Luis Bolano³, Edgar Araiza⁴, Deana Mercer⁵, Francisco Rubio⁶ | ¹*Miami Orthopaedic Research Foundation;* ²*HCA Hospitals;* ³*Three Gables;* ⁴*Methodist Hospital;* ⁵*University of New Mexico;* ⁶*Miami Bone and Joint Institute*
- Fracture small joint**
- A-0344** EARLY ACTIVE MOTION WITH A LUCERNE CAST FOR PROXIMAL PHALANX FRACTURES. A RETROSPECTIVE STUDY.
Skrallan Verhasselt, Jasper De Geyter, Nona Hacha, David Scoliers, Katrien Gevens | *ZNA Jan Palfijn hospital, Merksem, Antwerp, Belgium*
- A-0416** MANAGEMENT OF PEDIATRIC VOLAR PLATE AVULSION FRACTURES OF THE PROXIMAL INTERPHALANGEAL JOINT: A SYSTEMATIC REVIEW
Hongseo Choi¹, Seong Hui Moon², Hosouk Lee³, Sabrina Poppy Barnes⁴, Yangmyung Ma⁵, Andrea Jester⁵, Sami A. Al-Ani⁶ | ¹*College of Medical and Dental Sciences, University of Birmingham, Birmingham, UK;* ²*Hampshire Hospital NHS Foundation Trust, Hampshire, UK;* ³*George Eliot Hospital NHS Trust, Warwickshire, UK;* ⁴*Hull York Medical School, York, UK;* ⁵*Birmingham Women's and Children's NHS Foundation Trust, Birmingham, UK;* ⁶*Aston Medical School, Birmingham, UK*
- A-0472** MANAGEMENT OF METACARPAL AND PHALANGEAL FRACTURES WITH INTERLOCKING PINS; A RETROSPECTIVE ANALYSIS OF THE RESULTS
Alejandro Opazo, Cristobal Greene, Marisol Marti, Guillermo Drollman | *Clínica MEDS, Santiago, Chile*
- A-0518** BENNETT'S FRACTURE: ADVANTAGES AND TECHNIQUE FOR ARTHROSCOPIC ASSISTED REDUCTION AND INTERNAL FIXATION (AARIF)
Eudaldo Gallo¹, Enrique Peces¹, Juan María Pardo^{1,2}, Belén Pardo¹, Carlos Ruiz¹, Natalia Ruiz Micó¹ | ¹*Hospital Universitario General de Villalba, Madrid, Spain;* ²*Hospital Universitario Montepíncipe, Madrid, Spain*
- A-0656** THE BRIDGING PLATE FIXATION WITH LOCKING STRUT PLATE FOR ULNAR CARPOMETACARPAL JOINT FRACTURE-DISLOCATIONS
Tae Yeong Chang, Yeongyoon Koh, In Cheul Choi, Jong Woong Park | *Department of Orthopedic Surgery, College of Medicine, Korea University, SEOUL, KOREA*

Innovation

- A-0002** A NOVEL PULSED ELECTROMAGNETIC FIELD DEVICE AS ADJUVANT THERAPY AFTER SURGICAL TREATMENT OF DISTAL RADIUS FRACTURES: A PROSPECTIVE, DOUBLE-BLIND, SHAM-CONTROLLED, RANDOMIZED PILOT STUDY
Shai Factor, Franck Atlan, Oren Rudik, Yishai Rosenblatt, Daniel Tordjman, Gilad Eisenberg, Tamir Pritsch | *Hand Surgery Unit, Division of Orthopedic Surgery, Tel Aviv Medical Center, Israel*
- A-0065** USING ARTIFICIAL INTELLIGENCE TO COMMUNICATE WITH NERVE CLINIC PATIENTS
Henry de Berker¹, Jamal Khudr², Elizabeth Jones², Conrad Cheesewright³, Samuel Kitching⁴, Anuj Mishra¹, Christopher Duff¹, James Bedford¹ | ¹*Wythenshawe Hospital, UK;* ²*Royal Preston Hospital, UK;* ³*University of Exeter, UK;* ⁴*University of Manchester, UK*
- A-0111** APPLICATIONS OF WEARABLE SENSORS IN UPPER EXTREMITY MSK CONDITIONS: A SCOPING REVIEW
Sohrob Milani Zadeh¹, Joy MacDermid^{1,2}, James Johnson^{1,2}, Trevor B Birmingham¹, Erfan Shafiee³ | ¹*University of Western Ontario, London, Ontario, Canada;* ²*Hand and Upper Limb Center, St Joseph's Health Center, London, Ontario, Canada;* ³*Queen's University, Kingston, Ontario, Canada*
- A-0186** THE DEVELOPMENT OF AN OCCUPATIONAL THERAPIST LED HAND INJECTION CLINIC
Gillian Gavaghan, Mary Naughton, Paul Sullivan | *Beaumont Hospital, Dublin, Ireland*
- A-0621** PHYSIOTHERAPY OUT OF THE POCKET - EFFECTIVENESS OF HOME EXERCISES USING AN AI-BASED SMARTPHONE APP FOR THE FOLLOW-UP TREATMENT OF HAND INJURIES - A RANDOMIZED, CONTROLLED AND OPEN STUDY
Simon Bauknecht, Martin Mentzel, Richard-Tobias Moeller | *Clinic for Trauma, Hand, Plastic and Reconstructive Surgery, University Hospital, Ulm, Germany*
- A-0931** V-SHAPE DORSAL APPROACH FOR CARPAL BONE EXPOSURE
Vadim Nefjodov¹, Enrico Carita², Mara Laterza², Piergiuseppe Perazzini², Alberto Donadelli² | ¹*Microsurgery Centre of Latvia;* ²*Clinica San Francesco, Verona, Italy*

Ligament reconstruction

- A-0029** COMBINED REPAIR OF SCAPHOLUNATE LIGAMENT (SL) AND TRIANGULAR FIBROCARILAGE COMPLEX (TFCC) LESIONS IN CHRONIC TRAUMA OF THE WRIST: SURGICAL TREATMENT OF 14 PATIENTS
Norman Della Rosa², Fabio Vita¹, Davide Pederiva¹, Federico Pilla¹, Danilo Donati^{3,4}, Cesare Faldini¹, Roberto Adani² | ¹*Department of Orthopedic and Traumatological Surgery, IRCCS Istituto Ortopedico Rizzoli, University of Bologna, Bologna, Italy;* ²*Department of Hand Surgery and Microsurgery, Policlinico di Modena, Modena, Italy;* ³*Hand Rehabilitation Unit, Policlinico di Modena, Modena, Italy;* ⁴*Clinical and Experimental Medicine PhD Program, University of Modena and Reggio Emilia, Modena, Italy*
- A-0994** REPAIR OF THE STENER LESION: 7-YEAR RETROSPECTIVE STUDY
Inês Severino Rocha, Cátia Nunes, Sofia Madeira, Susana Rodrigues, José Carlos, Júlio Almeida, Marcelo Alves, Ricardo Ferreira | ¹*Hospital Garcia de Orta, Almada, Portugal*

Microsurgery

- A-0109** RECONSTRUCTION OF COMPLEX SOFT-TISSUE DEFECTS IN THE UPPER EXTREMITIES WITH CHIMERIC ANTEROLATERAL THIGH PERFORATOR FLAP
Xiaoju Zheng, Baoshan Wang, Xinhong Wang, Haijun Li | *Xi'an Fengcheng Hospital, Xi'an City, China*
- A-0143** EMERGENCY REPAIR OF CRUSH INJURY TO FOREARMS WITH TRANSPLANTATION OF CHIMERA OF THE SUPERFICIAL TO VASTUS LATERALIS MUSCLE
Xiaoju Zheng | *Hand and Microsurgery department of Xi'an Fengcheng Hospital, Xi'an, China*
- A-0528** FINGERTIP RECONSTRUCTION WITH AN INNERVATED DIGITAL ARTERY PERFORATOR FLAP
Hirohisa Yagi, Yoshitaka Tanaka, Kato Tomoya, Kotaro Okamoto, Hiroyuki Gotani | *Osaka Ekiisaikai hospital, Osaka, Japan*
- A-0724** PERI-ARTERIAL PERIPHERAL SYMPATHECTOMY FOR CHRONIC DIGITAL ISCHEMIA LESIONS
Martin Caloia^{1,2}, Hugo Caloia^{1,2}, Sergio E. Ronconi^{1,2}, Diego Gonzalez Scotti¹, Maria Emilia Serur¹, Geronimo Chamorro¹, Alejandro Meritano¹, Julian Mojica¹, Agustina Laboranti¹, Juan Tanus¹ | *¹Hospital Universitario Austral, Buenos Aires, Argentina; ²Sanatorio Mater Dei, Ciudad Autonoma de Buenos Aires, Argentina*
- A-0830** THUMB REPLANTATION FOLLOWING PROLONGED ISCHAEMIA TIME AND EXTREMELY HOT WEATHER EXPOSURE
Hazem Alhasan, Eyad Alqasim | *Dammam Medical Complex, Dammam, Saudi Arabia*
- A-0855** COMPLEX UPPER LIMB RECONSTRUCTION WITH A PREFABRICATED MEDIAL FEMUR CONDYLE CHIMERIC FLAP INCLUDING A SUPERFICIAL CIRCUMFLEX ILIAC ARTERY PERFORATOR FLAP: 5 CASES
Thomas Giesen¹, Francesco Costa¹, Davide Brucato², Elmar Fritsche³ | *¹Clinica Ars Medica, Gravesano, Switzerland; ²Ospedale Civico, Lugano, Switzerland; ³Lucern Regional Hospital, Switzerland*
- A-0888** VASCULARIZED PROXIMAL RADIUS BONE GRAFT FOR MASSIVE BONE DEFECTS OF ELBOW: ANATOMICAL STUDY AND A CASE REPORT
Sergi Barrera-Ochoa¹, Julio Adrian Martínez-Garza¹, Jose Mere-Prieto¹, Gerardo Mendez-Sanchez¹, Esther Mora¹, Francisco Soldado² | *¹Hand, Elbow and Microsurgery Unit, Institut de la Ma, Hospital General de Catalunya, Barcelona, Spain; ²Hospital HM Nens, Barcelona, Spain*
- A-0906** THE ROLE OF RECONSTRUCTIVE MICROSURGEONS IN LIVER TRANSPLANTATION – A NARRATIVE REVIEW
Min Kai Chang, Andre Eu Jin Cheah | *Department of Hand and Reconstructive Microsurgery, National University Hospital, Singapore*

Nerve compression syndromes

- A-0145** ENHANCING CARPAL TUNNEL SYNDROME SCREENING WITH A SMARTPHONE APPLICATION: A NOVEL DIAGNOSTIC APPROACH
Koji Fujita¹, Takuro Waatanabe², Takafumi Koyama¹, Takuya Ibara¹, Eriku Yamada¹, Yuta Sugiura² | *¹Tokyo Medical and Dental University, Tokyo, Japan; ²Keio University, Kanagawa, Japan*

- A-0221** SURGICAL TREATMENT OF RADIAL TUNNEL SYNDROME. A 2-SURGEON CASE-SERIES OF 17 PATIENTS OVER 3.5 YEARS IN TWO SMALL PRIVATE MEDICAL CENTRES. RESULTS, DIAGNOSTIC DIFFICULTIES, PITFALLS AND LEARNING POINTS
Constantinos Kritiotis¹, Mohammadali Badri², Marios Tryfonidis^{2,3} | ¹*Iasis Private Hospital Paphos, Cyprus;* ²*European University Cyprus Medical School, Nicosia, Cyprus,* ³*Dikteon Medical Centre, Nicosia, Cyprus*
- A-0242** USE OF MR NEUROGRAPHY IN THE DIAGNOSIS AND SURGICAL TREATMENT OF ELBOW ULNAR NERVE INJURIES
Maria Candelaria Torre, Daniela Binaghi, Hernan Blanchetiere, Adriana Pemoff | *Las Manos del Música, Buenos Aires, Argentina*
- A-0255** THE EFFECT OF COMORBIDITIES ON CLINICAL PROFILE AND OUTCOMES OF SURGERY FOR CARPAL TUNNEL SYNDROME
Andrzej Zyluk, Paulina Zyluk-Gadowska | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
- A-0287** INSTANT POST-OPERATIVE RETURN OF TIP-TIP PINCH STRENGTH DIRECTLY AFTER LACERTUS RELEASE
Ileen Domela Nieuwenhuis^{1,2}, Sjoerd B Paulusma¹, Niels WL Schep³, J Henk Coert², Jean Bart Jaquet¹ | ¹*Plastic and reconstructive surgery, Maasstad Hospital, Rotterdam, the Netherlands;* ²*Plastic and reconstructive surgery, University Medical Centre, Utrecht, the Netherlands;* ³*Trauma surgery, Maasstad Hospital, Rotterdam, the Netherlands*
- A-0332** A MACHINE LEARNING-BASED APPROACH FOR PREDICTING CLINICAL IMPROVEMENT AFTER SURGICAL TREATMENT OF IDIOPATHIC CUBITAL TUNNEL SYNDROME
Jun-Hyuk Lim, Myung-Sun Kim | *Chonnam National University Hospital, Gwangju, South Korea*
- A-0376** PERCUTANEOUS ULTRASOUND-GUIDED SECTION OF THE TRANSVERSE CARPAL LIGAMENT VS. OPEN SURGERY FOR THE SURGICAL TREATMENT OF CARPAL TUNNEL SYNDROME
Patricia Balvís-Balvís, Manuel Castro-Menéndez, Inés Oíartzabal-Alberdi, Lucia Ferradás-García, Javier Yañez-Calvo | *Hospital Alvaro Cunqueiro, Vigo, Spain*
- A-0419** BILATERAL UPPER LIMB PALSYP IN NEWBORNS (BULPN): DIFFERENTIAL DIAGNOSIS AND ALGORITHM TO MANAGEMENT
Yangmyung Ma, Lucy Taylor, Bassant Abdelfadeel, Kanwal Yousaf, Andrea Jester | *Birmingham Children's Hospital, UK*
- A-0452** DIAGNOSIS OF CARPAL TUNNEL SYNDROME : THE EFFECTIVENESS OF ULTRASONOGRAPHIC ELASTOGRAPHY
Kijin Jung | *Soonchunhyang University Hospital Cheonan, South Korea*
- A-0530** A CASE OF SIMULTANEOUS PRESENTATION OF SPONTANEOUS POSTERIOR INTEROSSEOUS NERVE PALSYP AND SPONTANEOUS ANTERIOR INTEROSSEOUS NERVE PALSYP
Takuya Kameda, Yuki Fushimi, Shunsuke Sato, Nobuyuki Sasaki, Yoshihiro Matsumoto | *Department of Orthopaedic Surgery, Fukushima Medical University, School of Medicine*

- A-0593** ENHANCING THE SAFETY OF STEROID INJECTIONS IN CARPAL TUNNEL SYNDROME: AN MRI-BASED ANALYSIS FOR PRECISE MEDIAN NERVE LOCALIZATION
Rajan Choudhary, Shahd Nour, Janak Bechar | *Queen Elizabeth Hospital Birmingham, Birmingham, UK*
- A-0701** ASSESSING THE SEVERITY OF CTS DURING PHYSICAL EXAMINATION? THE CORRELATION BETWEEN 2PD AND ELECTROPHYSIOLOGIC EXAMINATION
Luca Hergár^{1,2}, Péter Sallai^{3,4}, Barbara Sebők^{5,6}, Dániel Gusztáv Oroszi⁷, Judit Réka Hetthéssy^{6,8} | ¹*Semmelweis University, Department of Orthopaedics, Budapest, Hungary;* ²*Semmelweis University, Centre for Translational Medicine, Budapest, Hungary;* ³*St. Pantaleon Hospital, Department of Traumatology, Dunaújváros, Hungary;* ⁴*Saska-Med Bt. Outpatient Clinic for Orthopedics, Traumatology and Hand Surgery, Hungary;* ⁵*Dr. Manninger Jenő Trauma Centre Budapest, Budapest, Hungary;* ⁶*Semmelweis University School of PhD Studies Workgroup for Science Management, Budapest, Hungary;* ⁷*Semmelweis University, Faculty of Medicine, Budapest, Hungary;* ⁸*Hand Clinic, Budapest, Hungary*
- A-1023** CEREBRAL CHANGES FOLLOWING CARPAL TUNNEL SYNDROME TREATED WITH GUIDED PLASTICITY – A PROSPECTIVE, RANDOMIZED, PLACEBO-CONTROLLED STUDY
Magnus Flondell^{1,2}, Peter Mannfolk³, Birgitta Rosén^{1,2}, Isabella M. Björkman-Burtscher^{3,4}, Anders Björkman^{1,2,5} | ¹*Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden;* ²*Department of Hand Surgery, Translational Medicine, Lund University, Malmö, Sweden;* ³*Department of Medical Imaging and Physiology, Skåne University Hospital, Lund, Sweden;* ⁴*Department of Radiology, Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, and Sahlgrenska University Hospital, Gothenburg, Sweden;* ⁵*Department of Hand Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg and Sahlgrenska University Hospital, Gothenburg, Sweden*
- Nerve pain**
- A-0436** RELOCATION NERVE GRAFTING FOR INVALIDATING NEUROPATHIC PAIN – EXPANDING THE NERVE SURGEON`S TOOLBOX
Liane Batel, Jan Plock, Florian Früh | *Cantonal Hospital Aarau, Aarau, Switzerland*
- A-1038** BILATERAL NEUROPATHY OF THE RADIAL NERVE AS A COMPLICATION OF BRACHIOPLASTY: CASE REPORT
Hannah Bridgwater, Samuel Coulson, Hyder Ridha, Patrick Goon | *Department of Plastic Surgery, Lister Hospital, Stevenage, UK*
- A-1057** ROADMAP FOR TMR IN THE LOWER EXTREMITY OF NON-AMPUTEES PATIENTS: A CADAVER STUDY
JWD de Lange, CA Hundepool, JM Zuidam | *Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands*

Nerve repair/reconstruction

A-0453 EXTRACELLULAR VESICLES FROM HUMAN OLFACTORY MESENCHYMAL STEM CELLS IMPROVE PERIPHERAL NERVE REGENERATION
Marie Witters^{1,2}, Maxime Bonnet^{1,3}, Mostafa Seblani^{1,3}, Patrick Decherchi³, François Feron¹, Gaëlle Guiraudie-Capraz¹, Charlotte Jaloux^{1,2} | ¹CNRS, INP - Institut de Neuropathophysiologie, Equipe Nasal Olfactory Stemness and Epigenesis (NOSE), Aix Marseille University, Marseille, France; ²Department of Hand Surgery and Reconstructive Surgery of the Limbs, La Timone University Hospital, Assistance Publique Hôpitaux de Marseille, Marseille, France; ³CNRS, ISM - Institut des Sciences du Mouvement Etienne-Jules Marey, Equipe Plasticité des Systèmes Nerveux et Musculaire (PSNM), Parc Scientifique et Technologique de Luminy, Aix Marseille University, Marseille, France

A-0652 PERIPHERAL NERVE VEIN WRAPPING: MULTICENTRIC STUDY
Pierfrancesco Pugliese, Graziano Accardo, Alice Clemente, Alessandro Crosio, Francesca Toia, Pierluigi Tos | AOUN Paolo Giaccone, Palermo, Italy; CTO G. Pini, Milan, Italy

A-1061 MUSCLE-IN-VEIN CONDUIT TECHNIQUE: EFFECTIVE NERVE RECONSTRUCTION IN HAND INJURIES
J. Teodori¹, F. Paganini², S. Matarazzo², F. Tamborini^{1,2}, A. Brandolini¹, A. Minini¹, E. Mascherpa¹, L. Valdatta², A. Fagetti¹ | ¹Hand Surgery Unit – Circolo Hospital and Macchi Foundation – Varese, Italy; ²Plastic and Reconstructive Unit - Circolo Hospital and Macchi Foundation – Insubria University - Varese, Italy

Nerve transfer

A-0307 FUNCTIONAL OUTCOME OF DISTAL NERVE TRANSFERS FOR HIGH MIXED PERIPHERAL NERVE INJURIES
khalid Masood, Shoab Javed, Hafsa Ahmed, Rabia Masood, Anam Zafar, Usman Arshad | Hand & Upper Limb Surgery Center Lahore, HESS (Hand Elbow Shoulder Solutions) Center Farooq Hospital Lahore, Pakistan

A-0440 TRANSFER OF THE INFERIOR MOTOR BRANCH OF THE LATISSIMUS DORSI FOR THE TREATMENT OF LONG THORACIC NERVE PARALYSIS
Julia Benitez^{1,2}, Aritz Ortega¹, Rosa Morro^{2,3}, Manuel Llusa^{2,3}, Joaquim Casañas^{1,4} | ¹Bellvitge University Hospital, Barcelona, Spain; ²Anatomy Department - Faculty of Medicine, University of Barcelona, Spain; ³Vall d'Hebron University Hospital, Barcelona, Spain; ⁴Teknon Hospital, Barcelona, Spain

A-0529 EVALUATION OF FUNCTIONAL RECOVERY IN THE INTRINSIC AND FLEXOR MUSCLES AFTER NERVE TRANSFER FOR ULNAR NERVE LESION. A NEW MEASUREMENT METHOD: THE CHA METHOD
Soo Min Cha¹, In Ho Ga¹, Young Hwan Kim¹, Jae Hoon Yang² | ¹Chungnam National University School of Medicine, Daejeon, South Korea; ²Centum Hospital, Daejeon, South Korea

Neuroma

- A-0956** SCHWANNOMA OF UPPER AND LOWER LIMB - CASE SERIES
Aristeidis Georgountzos¹, Ioannis Kotsalis¹, Panagiotis Kanellos², Olga Theodorolea¹ | *1st Orthopaedic Department of General Hospital of Athens G.GENNIMATAS, Athens, Greece* *1Hand, Upper Limb & Microsurgery Department K.A.T. Hospital, Athens, Greece*²
- Others**
- A-0005** CATHETER IRRIGATION FOR FLEXOR TENOSYNOVITIS IN PATIENTS WITH SEVERE COMORBIDITIES: EARLY RESULTS AND CRITICAL REVIEW OF LITERATURE
Cheryl Pei Chyi Yong¹, Sze Ryn Chung¹, Zeus Yiwei Lim², Duncan Angus McGrouther^{1,2} | *1Department of Hand and Reconstructive Microsurgery, Singapore General Hospital, Singapore;* *2Biomechanics Laboratory, Singapore General Hospital, Singapore*
- A-0022** SUCCESS IN THE EUROPEAN BOARD OF HAND SURGERY DIPLOMA: CANDIDATES' VIEWS FROM VARIOUS COUNTRIES
Mahdi Siala¹, Johan van der Stok², Agatha Durdzinska³, Kunal Kulkarni⁴, Nina Fee Knie⁵ | *1Hand to Shoulder Riviera Center, Nice, France;* *2Limerick University Hospital, Limerick, Ireland;* *3Hôpital Cantonal de Fribourg, Fribourg, Switzerland;* *4University Hospitals of Leicester NHS Trust, Leicester, UK;* *5Centre for Hand Surgery, Microsurgery and Plastic Surgery, Schoen Clinic, Munich Harlaching, Germany*
- A-0163** HAND AND WRIST INJURIES-CONDITIONS IN ORTHOPAEDIC SURGEONS
Paul Izard¹, Sallie Yassin¹, Steven Glickel¹, Madeline Rocks¹, Ronit Wollstein^{1,2} | *1NYU Grossman School of Medicine, NY, NY, USA;* *2UAB Heersink School of Medicine, Birmingham AL, USA*
- A-0170** RADIOGRAPHIC AND FUNCTIONAL OUTCOMES FOLLOWING HEADLESS NON-COMPRESSION INTRAMEDULLARY SCREW FIXATION OF METACARPAL FRACTURES
Terence Thomas¹, Connor Crutchfield¹, Rahul Muchintala¹, Kyle Plusch¹, Santiago Rengifo², Alexis Kasper³, Christopher Jones³, Asif Ilyas^{2,3} | *1Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA;* *2Drexel University College of Medicine, Philadelphia, PA, USA;* *3Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA*
- A-0171** UNDERSTANDING METACARPAL FRACTURES: AN ANALYSIS OF OVER 2000 FRACTURES WITH INCIDENCE AND TREATMENT STRATEGIES
Daniel Nemirov¹, Alexis Kasper¹, Hassan Siddiqui², Asif M. Ilyas^{1,3} | *1Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA;* *2Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA;* *3Drexel University College of Medicine, Philadelphia, PA, USA*
- A-0212** GLOMUS TUMOR: TEN-YEAR EXPERIENCE
Bruno Morgado, Larissa Lanzaro, Leonor Caixeiro, Horácio Costa, Ana Pinto | *Plastic and Reconstructive Surgery Department, Centro Hospitalar de Vila Nova de Gaia/Espinho, Gaia, Portugal*
- A-0223** OUTCOMES OF SURGERY FOR METASTASES OF MALIGNANT NEOPLASMS TO THE HAND
Andrzej Zyluk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*

- A-0227** CHANGES IN ORGANIZATION OF ACTIVITY OF HAND SURGERY DEPARTMENT DURING THE COVID-19 PANDEMIC
Andrzej Zyluk | *Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland*
- A-0443** SARCOIDOSIS OF THE HAND: CASE REPORT AND LITERATURE REVIEW
Laura Rey-Fernández¹, Inma Puig de la Bellacasa², Marti Bernaus², Margarita Veloso², Lluís Font-Vizcarra³ | ¹*Department of Orthopaedics and Traumatology, Althaia, Xarxa Assistencial Universitària de Manresa, Manresa, Spain;* ²*Department of Orthopaedics and Traumatology, Hospital Universitari Mutua de Terrassa, Terrassa, Spain;* ³*Head of Department of Orthopaedics and Traumatology, Hospital Moises Broggi and Hospital General de Hospitalet, Consorci Sanitari Integral, Barcelona, Spain*
- A-0473** PREDICTIVE FACTORS AND CLINICAL EFFECTS OF DIABETIC HAND: A PROSPECTIVE STUDY WITH 4-YEAR FOLLOW-UP
Madoka Higa¹, Michiro Yamamoto¹, Yayoi Kato², Jun Takeuchi² | ¹*Department of Hand Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan;* ²*Sapporo Diabetes and Thyroid Clinic, Sapporo, Japan*
- A-0542** AN INTEGRATIVE FRAMEWORK TO AID THE IMMERSION OF STAFF GRADE OCCUPATIONAL THERAPISTS INTO A HAND THERAPY DEPARTMENT
Laura Burke, Mary Naughton | *Beaumont Hospital, Dublin, Ireland*
- A-0599** A CRITICAL ANALYSIS OF CERVICAL SPINE MALPOSITIONING DURING HAND SURGERY
Jordan Earl Wilkinson¹, Maud van den Hurk², Róisín Dolan² | ¹*St Vincent's University Hospital, Dublin, Ireland;* ²*Beaumont Hospital, Dublin, Ireland*
- A-0612** CHRONIC WRIST PAIN IN MARTIAL ARTS ATHLETES: AN ANALYSIS OF 119 ATHLETES
Silvia Pietramala, Ivo Lopez, Alessio Greco, Lorenzo Rocchi, Camillo Fulchignoni | *Hand Surgery and Orthopaedics Unit, Department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli, Rome, Italy*
- A-0673** INFLUENCE OF EACH PHALANGEAL JOINT MOTION ON THE EVALUATION METHOD OF THUMB PRONATION ANGLE (T-R ANGLE) DURING THUMB OPPOSITION
Shinji Taniguchi^{1,2}, Yusuke Matsuura², Takahiro Yamazaki², Tatsuya Takehara³, Ayae Yamada³, Yuki Shiko⁴, Koichi Nakagawa¹, Seiji Ohtori² | ¹*Department of Orthopaedic Surgery, Toho University School of Medicine (Sakura) Chiba, Japan;* ²*Department of Orthopaedic Surgery, Graduate School of Medicine Chiba University, Chiba, Japan;* ³*Department of Rehabilitation, Chiba University Hospital, Chiba, Japan;* ⁴*Clinical Research Center, Graduate School of Medicine Chiba University, Chiba, Japan*
- A-0715** INVESTIGATION OF E-HEALTH LITERACY LEVELS OF INDIVIDUALS WITH HAND INJURY
Ilkem Ceren Sigirtmac¹, Ozge Buket Arslan², Ceren Ayvali², Cigdem Oksuz² | ¹*Cankiri Karatekin University, Faculty of Health Sciences, Department of Occupational Therapy, Cankiri, Turkey;* ²*Hacettepe University, Faculty of Health Sciences, Department of Occupational Therapy, Ankara, Turkey*
- A-0795** SOFT TISSUE SARCOMAS OF THE HAND: RECONSTRUCTION WITH MICROSURGICAL FLAPS
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- A-0797** HAND SURGERY: HISTORICAL INTERNATIONAL PERSPECTIVE
Kazem Al-Masri¹, Sharmila Jivan² | ¹*Pinderfields Hospital, UK*; ²*Pinderfields Hospital, UK*
- A-0923** EXPLAINING THE KAPPA PARADOX IN FRACTURE CLASSIFICATION RELIABILITY
Bas M Derksen, Wendy Bruinsma, J. Carel Goslings, Niels W. L. Schep | *Maasstad ziekenhuis Rotterdam*
- A-0997** A COMPARATIVE STUDY OF RADIATION EXPOSURE BETWEEN C-ARM FLUOROSCOPY (STANDARD AND MINI) AND PORTABLE X-RAY CAMERA
Yohan Lee^{1,2}, Kyu Wan Kim², SeongJu Choi³, Kee Jeong Bae² | ¹*Department of Orthopaedic surgery, Seoul National University, College of Medicine, Seoul, South Korea*; ²*Department of Orthopaedic surgery, Seoul National University Boramae Medical Center, Seoul, South Korea*; ³*Department of Orthopaedic surgery, Nowon Eulji Medical Center, Eulji University, School of Medicine, Seoul, South Korea*
- Outcome measurement**
- A-0184** CASE SERIES OF INVASIVE STREP A INFECTIONS OF THE UPPER LIMB ADMITTED TO THE PLASTIC SURGERY DEPARTMENT AT ULSTER HOSPITAL, BELFAST OVER ONE YEAR PERIOD
Aine Cotter, Jamie Clements, Nicholas Hodgins | *Ulster Hospital, Belfast, Northern Ireland*
- A-0293** OUTCOMES OF COMPOSITE GRAFTS FOR PEDIATRIC FINGERTIP AMPUTATIONS: A SYSTEMATIC REVIEW
Noemi Jester^{1,2}, Seunghee Han³, Manwi Singh^{1,2}, Avula Aishwarya Rao^{1,2}, Balamrit Sokhal⁴, Yangmyung Ma¹, Andrea Jester¹ | ¹*Birmingham Women's and Children's Hospital, Birmingham, United Kingdom*; ²*Sheffield Medical School, Sheffield University, Sheffield, United Kingdom*
- A-0423** RATER AGREEMENT OF POST-TRAUMATIC OSTEOARTHRITIS OF THE DISTAL INTERPHALANGEAL JOINT 12 YEARS AFTER A MALLET FINGER FRACTURE
Malou Slichter^{1,2,3}, Nina Mathijssen^{2,3}, Linda Koobs³, Gerald Kraan^{2,3} | ¹*Erasmus University Medical Centre, Rotterdam, The Netherlands*; ²*Reinier Haga Orthopedisch Centrum, Zoetermeer, The Netherlands*; ³*Reinier de Graaf Hospital, Delft, The Netherlands*
- A-0601** 'SEE AND TREAT' MODEL FOR HAND TRAUMA SERVICE DELIVERY
Akshara Sharma¹, Sarya Uca², Rajive Jose¹ | ¹*Queen Elizabeth Hospital, University Hospitals Birmingham NHS Foundation Trust, UK*; ²*Turkey Ministry of Health, Ankara, Turkey*
- A-0634** QUANTITATIVE EVALUATION OF THE FINGER MOVEMENT DYSFUNCTION IN POST-OPERATIVE PATIENT WITH CERVICAL MYELOPATHY USING GYRO SENSOR
Shota Date¹, Yasushi Fujiwara², Kiyotaka Yamada³, Hiroshi Kurumadani¹, Toru Sunagawa¹ | ¹*Graduate School of Biomedical & Health Sciences, Hiroshima University, Hiroshima, Japan*; ²*Department of Orthopedic Surgery, Hiroshima City Asa Citizens Hospital, Hiroshima, Japan*; ³*Department of Orthopaedic Surgery, JA Hiroshima General Hospital, Hiroshima, Japan*
- A-0836** TEST-RETEST RELIABILITY OF PROMIS UPPER EXTREMITY (UE) COMPUTER ADAPTIVE TESTING (CAT) IN A PEDIATRIC POPULATION
Erin Tabish, Hernan Roca, Gretchen Maughan, Nikolas H. Kazmers, Brittany N. Garcia | *University of Utah*

- A-0873** GRIP STRENGTH – ONE MEASURE TO RULE THEM ALL IN OUTCOME EVALUATION AFTER DISTAL RADIUS FRACTURES
Jakub Marchewka^{1,2} | ¹*Department of Orthopedics and Trauma Surgery, 5th Military Hospital, Kraków, Poland;* ²*Department of Physiotherapy, University of Physical Education, Kraków, Poland*
- A-0960** ACCURACY OF CLINICAL CODING AND IT'S FINANCIAL IMPLICATIONS IN HAND SURGERY
Ibrahim Inzarul Haq, Cheryl Fox, Deepak Samson | *University Hospitals Coventry and Warwickshire, UK*
- Pediatric Surgery**
- A-0045** HEMI HAMATE ARTHROPLASTY IS SAFE AND EFFECTIVE IN THE PEDIATRIC POPULATION
Danielle Thornburg^{1,2}, Erin Kelley³, Alexandra Dominianni⁴, Timothy Schaub⁵, Shelley Noland^{1,6} | ¹*Mayo Clinic Department of Surgery, Division of Plastic Surgery, Phoenix, Arizona, USA;* ²*New York University, Department of Plastic Surgery, New York, New York, USA;* ³*University of Nevada School of Medicine, Reno, Nevada, USA;* ⁴*University of Arizona School of Medicine, Phoenix, Arizona, USA;* ⁵*Phoenix Childrens Hospital, Department of Surgery, Division of Plastic Surgery;* ⁶*Mayo Clinic Department of Orthopedic Surgery, Division of Hand Surgery, Phoenix, Arizona, USA*
- A-0380** CHANGES IN FLEXOR POLLICIS LONGUS TENDON CROSS-SECTIONAL DIMENSIONS AFTER A1 PULLEY RELEASE FOR PAEDIATRIC TRIGGER THUMB
Cha Hyeong Ok, Young Ho Shin, Ho Yeon Kim and Jae Kwang Kim | *Asan medical center, Seoul, South Korea*
- A-0611** TREATMENT OF EXTENSIVE SOFT TISSUE INJURIES OF THE HAND WITH PEDICLED FLAPS IN CHILDREN UNDER 3 YEARS OF AGE
Kaja Gizewska-Kacprzak¹, Maximilian Sliwinski¹, Szymon Grochans¹, Ireneusz Walaszek^{1,2} | ¹*Department of Pediatric and Oncological Surgery, Urology and Hand Surgery, Pomeranian Medical University, Szczecin, Poland;* ²*Department of Orthopedic Traumatology and Musculoskeletal Oncology, Pomeranian Medical University, Szczecin, Poland*
- A-0751** THE ISHIGURO TECHNIQUE ACHIEVES STATISTICALLY SIGNIFICANT RESULTS IN CHILDREN COMPARED WITH ADULTS
Davide Gravina, Andrea Leti Acciaro, Filippo Pantaleoni, Roberto Adani | *Department of Hand Surgery and Microsurgery, AOU Policlinico di Modena*
- A-0844** NON-TRAUMA-RELATED LUNATE DISLOCATION AS THE EARLY SIGN FOR JUVENILE IDIOPATHIC ARTHRITIS
Christianne van Nieuwenhoven¹, Martijn Baas² | ¹*Erasmus Medical Center, Rotterdam, The Netherlands;* ²*Amsterdam UMC, Amsterdam, The Netherlands*
- A-0854** ULNAR LONGITUDINAL DEFICIENCY TYPE 0 – AN UNDERREPORTED ENTITY?
Andreas Weber¹, Christopher Gaffney², Daniel Weber¹ | ¹*Department of Hand Surgery, University Children's Hospital Zürich, University of Zürich, Zürich, Switzerland;* ²*Harvard University DCE, Cambridge, MA, USA*

Rehabilitation

- A-0129** A BIBLIOMETRIC ANALYSIS OF REHABILITATION FOR FLEXOR TENDON INJURIES
Hasan Atacan Tonak | *University of Health Sciences, Hamidiye Faculty of Health Sciences, Department of Occupational Therapy, Istanbul, Turkey*
- A-0470** THE EFFECT OF OBJECT SIZE AND WEIGHT ON INTRINSIC AND EXTRINSIC HAND MUSCLE ACTIVITY DURING PICKING-UP MOVEMENTS WITH CHOPSTICKS: MUSCLE SYNERGY ANALYSIS
Kazuya Kurauchi, Hiroshi Kurumadani, Shota Date, Toru Sunagawa | *Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan*
- A-0875** INVESTIGATION OF THE EFFECT OF UPPER EXTREMITY PROBLEMS ON PROXIMAL BODY SEGMENTS
Seda Namaldi^{1,2}, Aynur Demirel¹, Cigdem Ayhan Kuru¹ | *¹Hacettepe University, Faculty of Physical Therapy and Rehabilitation, Ankara, Turkiye; ²Eskisehir Osmangazi University, Faculty of Health Sciences, Department of Physical Therapy and Rehabilitation, Eskisehir, Turkiye*
- A-1000** BADUANJIN— PRACTICABLE SELF-MANAGEMENT APPROACH FOR THERAPEUTIC INTERVENTION OF THORACIC OUTLET SYNDROME
Henry Wing-Tong Lo, Raymond Wai-Kin Ching, Miko Chi-Yan Lam, Kanis Ka-Wing Wong, Kelvin Cheong-Ho Liu | *Department of Occupational Therapy, North District Hospital, Hong Kong*
- A-1040** CONSTRUCT VALIDITY OF THUMB DISABILITY INDEX QUESTIONNAIRE AND MODIFIED KAPANDJI INDEX ON THUMB DYSFUNCTIONS: PRELIMINARY RESULTS
Marisa C Registro Fonseca, Alan Rodrigues Pereira, Gabriel M Xavier dos Santos, Heloisa Correa B Nardim, Raquel Metzker M Sugano, Elionaldo G da Silva Junior, Paula G de Carvalho, Leonardo D S Maud, Flávia P Faleiros Macêdo | *Ribeirao Preto Medical School, University of Sao Paulo, Brazil*
- A-1055** BEYOND THE PRIMARY INJURY: ADDRESSING CONCURRENT MUSCULOSKELETAL COMPLAINTS IN THE UPPER LIMB AND NECK IN PATIENTS WITH PRIMARY HAND/FOREARM INJURY
Lukasz Maciej Winiarski¹, Peter Larsen^{1,2}, Michael Skovdal Rathleff^{1,3} | *¹Department of Physiotherapy and Occupational Therapy, Aalborg University Hospital, Aalborg, Denmark; ²Department of Orthopedic Surgery, Aalborg University Hospital, Aalborg, Denmark; ³Department of Health Science and Technology, Faculty of Medicine, Aalborg University, Aalborg, Denmark*

Rheumatoid arthritis

- A-0274** COMPARATIVE STUDY OF POSTOPERATIVE OUTCOMES IN METACARPOTRAPHALANGEAL JOINT ARTHROPLASTY USING INTEGRA AND AVANTA FINGER PROSTHESES
Shuichi Naniwa¹, Chinatsu Ichikawa¹, Noriyuki Shimizu¹, Ryuichi Nakahara², Yoshihisa Nasu², Toshifumi Ozaki³, Keiichiro Nishida² | *¹Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan; ²Locomotive Pain Center, Okayama University Hospital, Okayama, Japan; ³Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Faculty of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan*

A-0428 IMPACT OF THE USE OF BIOLOGICAL AND TARGETED SYNTHETIC DMARDS ON THE INCIDENCE OF SURGICAL SITE INFECTION (SSI) AND DELAYED WOUND HEALING IN THE HAND AND WRIST SURGERY FOR RHEUMATOID ARTHRITIS
Chinatsu Ichikawa¹, Noriyuki Shimizu¹, Shuichi Naniwa¹, Ryuichi Nakahara², Yoshihisa Nasu², Toshifumi Ozaki³, Keiichiro Nishida² | ¹*Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan;* ²*Locomotive Pain Center, Okayama University Hospital, Okayama, Japan;* ³*Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Faculty of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan*

A-0515 THE RELATIONSHIP BETWEEN UPPER LIMB FUNCTION AND GRIP STRENGTH IN RHEUMATOID ARTHRITIS PATIENTS UNDERGOING TOTAL ELBOW ARTHROPLASTY
Yoshihisa Nasu¹, Yoshiyuki Matsuyama², Keiichiro Nishida¹, Ryuichi Nakahara¹, Chinatsu Ichikawa³, Noriyuki Shimizu³, Shuichi Naniwa³, Toshifumi Ozaki⁴ | ¹*Locomotive Pain Center, Okayama University Hospital, Okayama, Japan;* ²*Division of Physical Medicine and Rehabilitation, Okayama University Hospital, Okayama, Japan;* ³*Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan;* ⁴*Department of Orthopaedic Surgery, Science of Functional Recovery and Reconstruction, Faculty of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan*

Scaphoid fracture

A-1052 COMPARING UNION IN PROXIMAL THIRD SCAPHOID FRACTURES USING SINGLE OR DOUBLE SCREW FIXATION
ZB Al-Hubeshy & TD Stringfellow, Mr AJ Graham | *Trauma and Orthopaedic Department, Buckinghamshire Healthcare Trust, UK*

Scaphoid reconstruction

A-0174 SCAPHOLUNATE LIGAMENT REPAIR WITH INTERNAL BRACE AUGMENTATION: OUTCOMES AT AN AVERAGE OF 4 YEARS
Meagan Wu¹, Kyle Plusch¹, Alexis Kasper², Asif M. Ilyas^{2,3}, Christopher M. Jones² | ¹*Sidney Kimmel Medical College, Philadelphia, PA, USA;* ²*Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA;* ³*Drexel University College of Medicine, Philadelphia, PA, USA*

A-0266 SUBCHONDRAL RADIAL AND ULNAR K-WIRE POSITIONING WITH CANCELLOUS BONE GRAFT SHORTENS UNION TIME IN SCAPHOID WAIST NON-UNION
Seung Hoo Lee¹, Hyun Dae Shin², Soo Min Cha³, Yun Ki Kim³ | ¹*Department of Orthopaedic Surgery, Chungnam National University Sejong Hospital, Chungnam National University College of Medicine, Sejong-si, South Korea;* ²*Department of Orthopaedic Surgery, Seoul Hyun Hospital, Naseongbuk-ro, Sejong-si, South Korea;* ³*Department of Orthopedic Surgery, Regional Rheumatoid and Degenerative Arthritis Center, Chungnam National University Hospital, Chungnam National University School of Medicine, Daejeon, South Korea*

Small joints arthroscopy

- A-0173** RADIAL HEAD ARTHROPLASTY FOR FRACTURE: IMPLANT SURVIVORSHIP AND OUTCOMES AT 8 TO 10 YEARS
Benjamin R. Campbell¹, Catherine B. Wickes², Alexis Kasper¹, Santiago Rengifo³, Asif M. Ilyas^{1,3}
| ¹Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA; ²Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA; ³Drexel University College of Medicine, Philadelphia, PA, USA
- A-0176** TRAPEZIECTOMY WITH SUTURE VERSUS SUTURE BUTTON SUSPENSIONPLASTY FOR THUMB CARPOMETACARPAL JOINT OSTEOARTHRITIS
Lilah Fones¹, Calista Stevens², Alexis Kasper¹, Jonas Matzon¹, Asif M. Ilyas^{1,3} | ¹Rothman Orthopaedic Institute, Thomas Jefferson University, Philadelphia, PA, USA; ²University of Connecticut School of Medicine, Farmington, CT, USA; ³Drexel University College of Medicine, Philadelphia, PA, USA

Soft tissue reconstruction

- A-0233** ANTEROGRADE HOMODACTYL ISLAND FLAPS: WHAT HAPPENS TO THE ARTERY?
Amandine Ledoux, Olivier Nicod, Christophe Duysens, Alban Fouasson Chailloux, Germain Pomares | *Hôpital Kirchberg, Luxembourg*
- A-0592** RECTUS MUSCLE NECROSIS FOLLOWING ANTEROLATERAL THIGH FLAP HARVEST- A WORD OF CAUTION (CASE REPORT)
M Ridwanul Hassan, Rajive Jose, Mehitab Adel | *University Hospitals Birmingham, United Kingdom*
- A-0644** TO AMPUTATE OR NOT? TWO CASES OF EXTREME DIGITAL SALVAGE AFTER RESECTION OF GIANT CELL TUMORS WITH DESTRUCTIVE GROWTH PATTERN
Crinu Baesu, Jan Plock, Florian Früh | *Cantonal Hospital of Aarau, Aarau, Switzerland*
- A-0682** PROPELLER PERFORATOR FOREARM FLAPS IN THE ORTHOPLASTIC SURGERY OF THE UPPER EXTREMITY: EXPERIENCE OF THE REGIONAL CENTER OF TRAUMA AND ORTHOPEDIC SURGERY
A. Aristov | *Scientific Research Institute – Ochapovsky Regional Clinic Hospital N1 Krasnodar, Russia*

Tendinitis

- A-0003** THE „SELFIE TEST“: A NOVEL TEST FOR THE DIAGNOSIS OF LATERAL EPICONDYLITIS
Shai Factor, Ehud Rath, Eyal Amar, Oren Rudik, Daniel Tordjman, Gilad Eisenberg, Franck Atlan | *Department of Orthopedic Surgery, Tel Aviv Medical Center, Israel*
- A-0499** CRUISING TOWARDS DE QUERVAIN TENDINITIS-FREE TMC JOINT REPLACEMENT: RESPECTING THE FIRST METACARPAL ARCH : A RETROSPECTIVE STUDY
Lynn Decroix^{1,2}, Bert Vanmierlo², Arne Decramer², Kjell Van Royen³, Ilse Degreef¹ | ¹KU Leuven, Belgium ²AZ Delta, Roeselare, Belgium, ³OLV Aalst, Belgium
- A-0773** SONOGRAPHICALLY CONTROLLED MINI-INVASIVE A1 PULLEY RELEASE USING A NEW GUIDE INSTRUMENT – A CASE SERIES OF 154 PROCEDURES IN 110 PATIENTS
Nora Schlimme, Damian Sutter, Esther Vögelin | *University Hospital Bern, Switzerland*

Tendon surgery

- A-0085** EVALUATION OF FLEXOR TENDON GLIDING AFTER REPAIR USING PARTICLE IMAGE VELOCIMETRY
Issei Nagura¹, Takako Kanatani², Masaya Kusunose³, Atsuyuki Inui³ | ¹*Shinsuma Hospital, Kobe, Japan*; ²*Kobe Rosai Hospital, Kobe, Japan*; ³*Kobe University Graduate School of Medicine, Kobe, Japan*
- A-0175** TRIGGER FINGER RELEASE: ARE SKIN SUTURES EVEN NECESSARY?
Tiffany N. Bridges¹, Alexis Kasper², Jonas L. Matzon², Asif M. Ilyas^{2,3} | ¹*Rowan School of Medicine at Jefferson Health, Stratford, NJ, USA*; ²*Rothman Orthopaedic Institute at Thomas Jefferson University, Philadelphia, PA, USA*; ³*Drexel University College of Medicine, Philadelphia, PA, USA*
- A-0325** EFFECTS OF SODIUM-HYALURONATE ON FLEXOR TENDON HEALING
Alexandra Titova, Ivan Dovgalevich, Alexey Volotovskiy | *Belarusian State Medical University, Minsk, Belarus*
- A-0418** LAMBDA (Λ) REPAIR: A NOVEL REPAIR TECHNIQUE FOR BOUTONNIÈRE DEFORMITY
Yu-Te Lin, Che-Hsiung Lee, Shwu-Huei Lien, Shih-Heng Chen, Chung-Chen Hsu, Cheng-Hung Lin | *Chang Gung Memorial Hospital, Linkou, Taiwan*
- A-0501** THE CLINICAL RESULT OF THE WRAPPING TECHNIQUE FOR SPONTANEOUS OR CHRONIC TRAUMATIC EXTENSOR TENDON SUBLUXATION
Jae Hoon Lee¹, Jong Hun Baek², Gi Heok Gu², Duke Whan Chung² | ¹*Yeson Hospital, Bucheon, Kyunggi-do, South Korea*; ²*Medial school, Kung Hee University, Seoul, South Korea*
- A-0583** ULTRASOUND-GUIDED PERCUTANEOUS TECHNIQUE FOR TRIGGER FINGER RELEASE: OUTCOME AND SAFETY EVALUATION
Michiel Cromheecke¹, Pieter-Bastiaan De Keyzer¹, Pascal Louis², Olivier Mares³, Jean Goubau¹, Jean-Michel Cognet² | ¹*AZ Maria Middelares, Ghent, Belgium*; ²*SOS Mains Champagne Ardenne/ Medipole, Bezannes*; ³*Orthopedic Surgery Unit, CHU Caremeaux, Nîmes, France*
- A-0666** ORIGINAL SURGICAL TREATMENT FOR THE TRAUMATIC Mallet Finger: THE DEEPIHTELIALIZED SKIN FLAP
Alexandru Valentin Georgescu, Octavian Olariu | *Rehabilitation Clinical Hospital, Cluj Napoca, Romania*
- A-0684** ULTRASOUND-GUIDED PERCUTANEOUS RELEASE USING DOUBLE-GUIDED TENDON SHEATH INCISION DEVICE
Hideo HASEGAWA, Yasuaki NAKANISHI, Naoki MINAMI, Takamasa SHIMIZU, Kenji KAWAMURA, Shohei OMOKAWA, Yasuhito TANAKA | *Orthopaedic surgery department, Nara Medical University, Nara, Japan*
- A-0752** OUTCOMES AFTER FLEXOR TENDON SURGERY IN THE CAPITAL REGION OF DENMARK
Benedicte Heegaard, Rasmus Wejnold Jørgensen | *Hand Clinic, Department of Orthopedic surgery, Herlev-Gentofte University Hospital of Copenhagen, Denmark*
- A-0860** BIOMECHANICAL COMPARISON OF SUTURE CALIBER AND NUMBER OF PASSES IN EPITENDINOUS REPAIR
Anca Dogaroiu, David Cardenas, Muhammad Harirah, Andrew Zhang, Andrei Odobescu, Douglas Sammer | *The University of Texas Southwestern Medical Center at Dallas, Department of Plastic Surgery*

- A-1051** CARPAL BOSS WITH EXTENSOR MECHANISM RUPTURE - CASE REPORT
Aristeidis Georgountzos, Chatzipanagiotou Georgios, Passadi Kalliroi, Chatzidaki Christina, Fandridis Emmanouil, Kanellos Panagiotis | *Hand, Upper Limb & Microsurgery Department K.A.T. Hospital, Athens, Greece*
- Tendon transfer**
- A-0412** THE RESULTS OF TENDON TRANSFERS IN RADIAL NERVE PALSIES: COMPARISON OF VARIOUS EVALUATION SYSTEMS IN A HOMOGENEOUS CASE SERIES
Mauro Magnani¹, Micaela Reina², Alice Clemente¹, Alessandro Crosio³, Francesco Locatelli¹, Simona Odella¹, Pierluigi Tos¹ | *¹Chirurgia della Mano e Microchirurgia Ricostruttiva, ASST Gaetano Pini – CTO, Milan, Italy; ²ASST degli Spedali Civili Di Brescia, Brescia, Italy; ³CTO Centro Traumatologico Ortopedico, Turin, Italy*
- Tissue engineering in hand surgery**
- A-0410** ARTHROSCOPIC USE OF CHONDROFILLER IN SEMILUNATE ULCERS
Anna Escolà Benet, Marta Martí Puenete, Joaquin Rodriguez Miralles, Xavier Solernou Soler | *Hospital Universitario General de Catalunya, Sant Cugat del Vallès, Barcelona, Spain*
- Trauma**
- A-0004** TREATMENT OF MULTIPLE FINGERTIP AMPUTATIONS BY ABDOMINAL POCKET METHOD
Takada Satoshi^{1,2}, Kitayama Toshihiro^{1,2}, Sakai Yuki², Hirai Kotaro², Nagamori Kei², Nishii Yoichi² | *¹Kyowa Hospital, Kyoto, Japan; ²Uji-Tokushukai Medicalcenter, Kyoto, Japan*
- A-0026** THE CLINICAL, FUNCTIONAL, AND RADIOLOGICAL COMPARISON OF THE CONSERVATIVE AND SURGICAL TREATMENT RESULTS OF PROXIMAL AND MIDPHALANGEAL NECK FRACTURES IN CHILDREN
Ersin Demirkaynak¹, Ayşe Şencan², Kahraman Öztürk² | *¹University of Health Sciences Turkey, M.S. Baltalimani Bone Diseases Teaching and Research Hospital, Department of Orthopaedics and Traumatology, Istanbul, Turkey; ²University of Health Sciences Turkey, M.S. Baltalimani Bone Diseases Teaching and Research Hospital, Hand Surgery Clinic, Istanbul, Turkey*
- A-0050** THERAPEUTIC RESULTS OF DIRECT REPAIR FOR ISOLATED RUPTURE OF THE DORSORADIAL CAPSULE OF THE THUMB METACARPOPHALANGEAL JOINT; 7 CASES REPORT
Ikuo Nakai^{1,2,3}, Takanori Hatanaka², Hanako Tsuji², Jun Nishida² | *¹Nishi Omiya Hospital, Saitama, Japan; ²Tokyo Medical University, Tokyo, Japan; ³Dokkyo Medical School, Nikko Medical Center, Tochigi, Japan*
- A-0061** IS THE CONSERVATIVE MANAGEMENT THE 1ST CHOICE OPTION IN THE ELDERLY PATIENTS WITH SIMPLE FRACTURE OF HUMERUS SUPRACONDYLE
Jae-min Lee, Jisu Park, Jin-Rok Oh | *Department of Orthopaedic Surgery, Wonju Severance Christian Hospital, Wonju, South Korea*

- A-0142** HOW CAN WE REDUCE THE ISCHEMIC TIME FOR FOREARM REPLANTATION? USE OF A 2-STAGE BONE-FIXATION TECHNIQUE
Dong Hee Kim¹, Hyo Seok Jang², Sang Ho Kwak³, Sung Yoon Jung⁴, Sang Hyun Lee⁵ | ¹*Sungkyunkwan University School of Medicine, Changwon, South Korea*; ²*Department of Orthopaedic Surgery, Inje University Haeundae Paik Hospital, Inje University College of Medicine, Busan, South Korea*; ³*Department of Orthopaedic Surgery, SNU Seoul Hospital, Seoul, South Korea*; ⁴*Department of Orthopaedic Surgery, College of Medicine, Dong-A University Hospital, Busan, South Korea*; ⁵*Department of Orthopaedic Surgery, Medical Research Institute, Pusan National University Hospital, Pusan National University School, of Medicine, Busan, South Korea*
- A-0316** A COMPARISON OF NONOPERATIVE TREATMENT OF FULL-THICKNESS THUMB ULNAR COLLATERAL LIGAMENT TEARS VS. MINIMALLY DISPLACED AVULSION FRACTURES
Ingmar Legerstee^{1,2,3}, Kevin Kooi^{1,4}, Yannick Hoftiezer^{1,5}, Sarah Lipson^{1,6}, Rob Nelissen², Kyle Eberlin^{1,6}, Neal Chen^{1,6} | ¹*Massachusetts General Hospital, Boston, Massachusetts*; ²*Leiden University Medical Center, Leiden, the Netherlands*; ³*Erasmus Medical Center, Rotterdam, the Netherlands*; ⁴*Amsterdam UMC, Amsterdam, The Netherlands*; ⁵*Radboud University Medical Center, Nijmegen, The Netherlands*; ⁶*Harvard Medical School, Boston, Massachusetts*
- A-0319** CLINICAL OUTCOMES AFTER PRIMARY REPAIR FOR THUMB ULNAR COLLATERAL LIGAMENT TEARS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Ingmar Legerstee^{1,2}, Bas Derksen¹, Mark van der Oest^{1,3}, Caroline Hundepool^{1,3}, Liron Duraku^{1,3}, Ruud Selles^{1,3}, Michiel Zuidam^{1,3} | ¹*Erasmus Medical Center, Rotterdam, the Netherlands*; ²*Massachusetts General Hospital, Boston, Massachusetts*; ³*Xpert Clinics, Amsterdam, the Netherlands*
- A-0333** THE OUTCOME OF PRIMARY TOTAL ELBOW ARTHROPLASTY FOR ACUTE DISTAL HUMERUS FRACTURE AT MID TERM FOLLOW-UP
Jun-Hyuk Lim, Myung-Sun Kim | *Chonnam National University Hospital, Gwangju, South Korea*
- A-0442** FRACTURE OF THE METACARPAL. FIXATION USING INTRAMEDULLARY SCREW. OUR EXPERIENCE
Jose Félix Garrido Ferrer¹, Xavier Mir-Bulló², Lidia Ana Martín-Domínguez², Albert Pardo-Pol², Inés Farré-Galofré², Sergi Alabau-Rodríguez² | ¹. *Hospital General Universitario, Valencia, Spain*; ². *Icatme. Hospital Universitario Quirón Dexeus, Barcelona, Spain*
- A-0451** DOES TIMING OF IMPLANT REMOVAL AFFECT THE RESULTS OF PROXIMAL PHALANX DIAPHYSIS FRACTURE FIXATIONS?
Adrienn Lakatos, Diana Jager, Balazs Lenkei | *B.-A.-Z. County Teaching Hospital, Traumatology Department, Miskolc, Hungary*
- A-0511** OUTPATIENT AMBULATORY PATHWAY FOR HAND BITES IN A TERTIARY CENTRE
Ibrahim Inzarul Haq, Bhagat Manku, Jonathan Jessup, Matthew Jones, Andrew Mahon, Clare Langley, Deepak Samson | *University Hospital Coventry and Warwickshire, UK*
- A-0604** PERCUTANEOUS CANNULATED BICORTICAL SCREWS IN THE MANAGEMENT OF PHALANGEAL FRACTURES : SYSTEMATIC REVIEW AND A SINGLE CENTRE'S EXPERIENCE
Hannah Bridgwater, Samuel Coulson, Kirsten Taylor, Patrick Goon | *East and North Herts NHS Trust, UK*

- A-0687** A SURVEY ON DIAGNOSTIC WORKUP AND TREATMENT OF THUMB ULNAR COLLATERAL LIGAMENT INJURIES
V. van der Lucht^{1*}, I. Legerstee^{2,3*}, A. Luan², M. van der Oest³, K. Eberlin², N. Chen², J. Zuidam³, M. van Heijl^{1,4} | ¹*Diakonessenhuis Utrecht, the Netherlands*; ²*Massachusetts General Hospital, Boston, Massachusetts*; ³*Erasmus University Medical Center, Rotterdam, the Netherlands*; ⁴*University Medical Center Utrecht, the Netherlands*
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Liam Lennox¹, Mariam Sattar¹, Scott Barker¹, Alexandra Haddon² | ¹*NHS Grampian, Aberdeen, United Kingdom*; ²*NHS Lothian, Edinburgh, United Kingdom*
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Satya Chintapalli¹, Eimear Phoenix¹, Shane Cullen¹, Roisin Dolan^{1,2} | ¹*Plastic and Reconstructive Surgery, St Vincent's University Hospital, Dublin, Ireland*; ²*Royal College of Surgeons Ireland, St Stephen's Green, Dublin, Ireland*
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Ulnar side wrist pain

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Valerio Pace¹, Giuseppe Mosillo², Luca Braghiroli², Giulia Cenci³, Giacomo Placella⁴ | ¹AOSP Terni, Italy; ²Hand Unit, AOSP Terni, Italy; ³University of Perugia, Italy; ⁴IRCCS San Raffaele Milan, Italy
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Hsuan-Hsiao Ma^{1,2,3}, Jung-Pan Wang^{1,2}, Chen-Yuan Yang^{4,5} | ¹Department of Orthopaedics and Traumatology, Taipei Veterans General Hospital, Taipei, Taiwan; ²Department of Surgery, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; ³Division of Orthopaedics, Department of Surgery, Taipei Veterans General Hospital Taitung Branch, Taitung, Taiwan; ⁴Department of Orthopedic Surgery, Kuang Tien General Hospital, Taichung, Taiwan; ⁵Department of Nursing, Hungkuang University, Taichung, Taiwan
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Ahlam Arnaout^{1,2}, Christophe Mathoulin¹ | ¹*International Wrist Centers -Clinique du Poignet Paris*; ²*Institut de la Main-Paris*
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- A-1068** DIAGNOSIS AND MANAGEMENT OF TRIGGER WRIST – RESULTS OF A SYSTEMATIC REVIEW
Natan Silver^{1,2}, Joshua Cohen², Daniel Brown¹ | ¹*Liverpool University Hospitals Foundation Trust, Liverpool, UK*; ²*Shaare Zedek Medical Center, Jerusalem, Israel*

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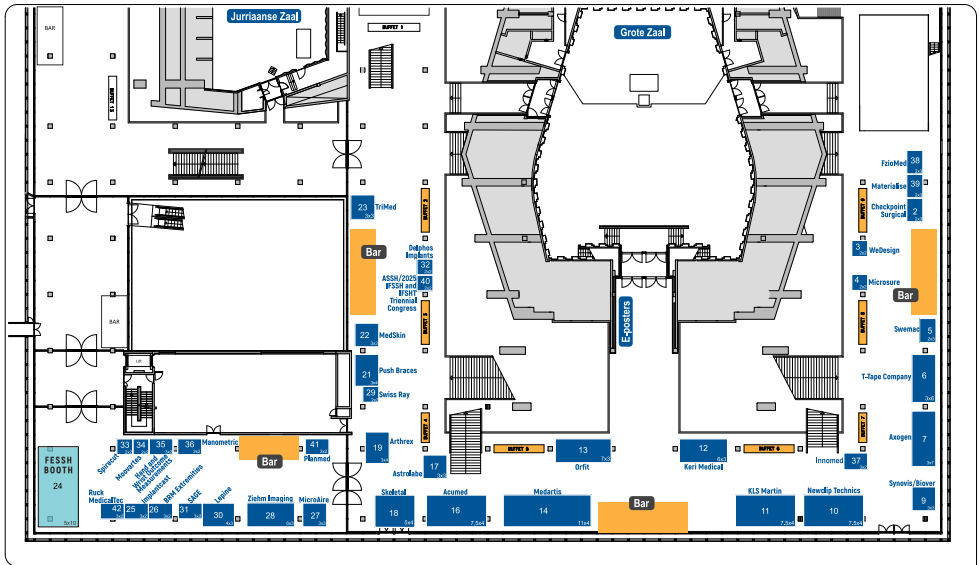
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