

Tips and tricks in bone fixation: What books don't tell - Part 1

S001 Special session

Wednesday, 21 June 2017 | 13:00 - 14:30 | Yellow room

A-0908 DIP fusion

Stephan Schindele

Zurich, Switzerland, BIRG

12 minutes

A-0909 Mid-carpal fusion

Hermann Krimmer

Ravensburg, Germany, BIRG

12 minutes

A-0910 Scaphoid fixation: screw

Hermann Krimmer

Ravensburg, Germany, BIRG

12 minutes

A-0911 Ulna shortening

Martin Leixnering

Vienna, Austria, BIRG

12 minutes

A-0912 Distal radius: loco classico

Christoph Meyer

Saarbrücken, Germany, BIRG

12 minutes

Advancements in Peripheral Nerve Repair: Combining Surgeon Skills with New Technologies to Improve Patient Outcomes

S098 Special session

Wednesday, 21 June 2017 | 13:00 - 14:30 | Red room

Tips and tricks in bone fixation: What books don't tell - Part 2

S002 Special session

Wednesday, 21 June 2017 | 15:00 - 16:30 | Yellow room

A-0913 Proximal phalangeal fractures: conservative or operative

Maurizio Calcagni

Zurich, Switzerland, IBRA

12 minutes

A-0914 Radio-Scapho-lunate fusion

Christoph Pezzei

Vienna, Austria, IBRA

12 minutes

A-0915 Scaphoid fixation: plate

Martin Leixnering

Vienna, Austria, IBRA

12 minutes

A-0916 Total wrist fusion

Hermann Krimmer

Ravensburg, Germany, IBRA

12 minutes

A-0917 Distal radius: Rim and intraarticular

Wolfgang Hintringer

Vienna, Austria, IBRA

12 minutes

Introduction, Basic Concepts

S003 Instructional Course session

Thursday, 22 June 2017 | 08:00 - 09:00 | Gold room

Chair: Grey Giddins, Gürsel Leblebicioğlu

A-1007 Introduction 1

Zsolt Szabó

Hungary

10 minutes

A-1008 Introduction 2

Grey Giddins

UK

10 minutes

A-1009 How to download the ICL Book. What is inside? What Does Evidence Data Mean? Levels of Evidence

Gürsel Leblebicioğlu

Turkey

10 minutes

A-1010 What is the evidence in Hand Therapy?

Ton AR Schreuders

The Netherlands

10 minutes

A-1011 Creating Evidence: Can We Do Better?

Ruud W Selles

The Netherlands

10 minutes

Compression 1

S004 Free paper session

Thursday, 22 June 2017 | 08:00 - 09:00 | Yellow room

Chair: Wolfgang Hintringer, Teodor Stamate

A-0384 Ultrasonographic Localization of Compressive Ulnar Neuropathy at the Elbow

Hyoseok Jang ¹, Jihyeung Kim ¹, Hyun Sik Gong ², Young Ho Lee ¹, Goo Hyun Baek ¹

¹ Seoul National University Hospital, South Korea; ² Seoul National University Bundang Hospital, South Korea

6 minutes

A-0800 Surgical considerations for patients with cubital tunnel syndrome : by investigating outcomes from revision surgery

Seokwoo Hong, Seung Hoo Lee, Jihyung Kim, Kee Jeong Bae, Seung Hwan Lee, Hyun Sik Gong, Goo Hyun Baek

Department of Orthopedic Surgery, Seoul National University Hospital, Seoul, Korea

6 minutes

A-0056 Clinical Outcome of Modified Cubital Tunnel Reconstruction for Cubital Tunnel Syndrome

Sho Kohyama ¹, Yuki Hara ¹, Yasumasa Nishiura ², Takeshi Ogawa ³, Toshikazu Tanaka ⁴, Naoyuki Ochiai ⁴

¹ Department of Orthopaedic Surgery, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Japan ² Tsuchiura

Clinical Education and Training Center, Tsukuba University Hospital, Tsuchiura, Japan ³ Mito Medical Education and Training Center, Tsukuba

University Hospital, Mito, Japan ⁴ Department of Orthopaedic Surgery, Kikkoman General Hospital, Noda, Japan

6 minutes

A-0495 Does ulnar nerve transposition improve neurolysis outcomes?

Belén García-Medrano, Clarisa Simón Pérez, Blanca Ariño Palau, Fernando Moreno Mateo, Miguel Martín-Ferrero

Orthopaedic Surgery, University Hospital of Valladolid, Valladolid, Spain

6 minutes

A-0581 A systematic review of medial epicondylectomy as a surgical treatment for cubital tunnel syndrome

Eva O'Grady, Qureish Vanat, Dominic Power, Simon Tan

The Hand and Peripheral Nerve Research Network, Institute for Translational Medicine, Birmingham, UK

6 minutes

A-0590 Concomitant surgical approach of ulnar nerve at elbow and Guyon's tunnel in layered compression syndrome

Teodor Stamate ^{1,2}, Camelia Tamas ^{1,2}, Gabriel Mazilu ², Mariana Stamate ³, Ionut Topa ², Ionut Atanasoae ^{1,2}, Georgiana Stamate ^{1,4}

¹ University of Medicine and Pharmacy "Gr.T.Popa" IASI, Romania; ² Emergency Hospital "St.Spiridon" – Plastic and Reconstructive Surgery

Clinic, IASI, Romania; ³ Laboratory of Neurophysiology – Neurosurgery Hospital, IASI, Romania; ⁴ Rheumatology and physiotherapy Service,

Rehabilitation Hospital IASI, Romania

6 minutes

A-0580 Current attitudes regarding surgical treatment of cubital tunnel syndrome in the UK

Eva O'Grady, Bafiq Nizar, Mark Foster, Dominic Power, Simon Tan

The Birmingham Hand Unit, UHB NHS Foundation Trust, UK

6 minutes

A-0257 In situ decompression of the ulnar nerve under local anesthesia

Konstantinos Tolis, Emmanouil Fandridis, Philippos Giannoulis, Panagiotis Kanellos, Sarantis Spyridonos

Hand surgery/Upper limb and Microsurgery Department, General Hospital KAT, Athens, Greece

6 minutes

Outcomes 1

S005 Free paper session

Thursday, 22 June 2017 | 08:00 - 09:00 | Orange room

Chair: Christoph Pezzel, Zoe Dailiana

A-0557 The time when ceiling effects are appeared in the data assessed with the patient-rating score is six month following surgical treatment of the distal radius fracture

Sung-Jae Kim ¹, Joo-Hak Kim ², Wan-Sun Choi ³, Young-Hoon Jo ⁴, Kwang-Hyun Lee ⁴, Chang-Hun Lee ⁵

¹ Hallym University, Dongtan Sacred Heart Hospital, Hwaseong, South Korea; ² Seonam University, Myongji Hospital, College of Medicine, Goyang, South Korea; ³ Ajou University Hospital, Suwon, South Korea; ⁴ Hanyang University hospital, Seoul, South Korea; ⁵ Eulji University Hospital, Seoul, South Korea

6 minutes

A-0756 Recovery pattern of functional outcomes in patients with distal radius fracture with accompanying ulna styloid fracture

Ozgun Uysal ¹, Dilara Onan ¹, Numan Bulut ¹, Yasin Tunc ¹, Cigdem Ayhan ¹, Tuzun Firat ¹, Seval Tanrikulu ², Gursel Leblebicioglu ³

¹ Hacettepe University, Faculty of Health Sciences, Physiotherapy and Rehabilitation Department, Ankara, Turkey ² Numune Hospital, Orthopedics and Traumatology Department, Ankara, Turkey ³ Hacettepe University, Faculty of Medicine, Orthopedics and Traumatology Department, Ankara, Turkey.

6 minutes

A-0097 The Amsterdam Wrist Rules safely reduces need for radiography after wrist trauma: an implementation study

Marjolein Mulders ¹, Monique Walenkamp ¹, Nico Sosef ², Frank Ouweland ¹, Jan Ultee ³, Romuald van Velde ⁴, Carel Goslings ¹, Niels Schep ⁵

¹ Academic Medical Center, Amsterdam, The Netherlands ² Spaarne Gasthuis, Hoofddorp, The Netherlands ³ Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands ⁴ Tergooi Hospitals, Hilversum, The Netherlands ⁵ Maastad Hospital, Rotterdam, The Netherlands

6 minutes

A-0661 Responsiveness of the Patient-Rated Wrist Evaluation (PRWE), Quick DASH and EuroQol 5D (EQ-5D) Index questionnaires for outcome measurement in distal radius fractures

Roberto S Rosales ¹, Rayco Garcia-Gutierrez ², Luis Reboso-Morales ², Isam Atroshi ³

¹ Unit for Hand & Microsurgery, GECOT, La Laguna, Tenerife, Spain; ² Department of Orthopedics. University Hospital of La Candelaria, University of La Laguna, Tenerife, Spain; ³ Departments of Clinical Sciences Lund University, Lund, and Orthopedics H ssleholm-Kristianstad, H ssleholm Hospital, H ssleholm, Sweden

6 minutes

A-0162 Outcome of Distal Radioulnar Joint in Galeazzi Lesions: 11 year follow up

Agust n Donndorff, Pablo De Carli, Gerardo Gallucci, Jorge Boretto, Eliana Petrucelli, Veronica Alfie

Hospital Italiano Buenos Aires, Argentina

6 minutes

Future in Hand Surgery 1

S006 Free paper session

Thursday, 22 June 2017 | 08:00 - 09:00 | Green room

Chair: Piotr Czarnecki, Jörg van Schoonhoven

A-0504 Orthopaedic 3D printing on a budget.

L Daniele ¹, SLE Tan^{1,2}

¹ Gold Coast University Hospital ² Griffith University

6 minutes

A-0503 3D printing for planning of paediatric upper limb corrective osteotomy.

L Daniele ¹, R Bindra ^{1,2}, SLE Tan ^{1,2}

¹ Gold Coast University Hospital ² Griffith University

6 minutes

A-0591 3D-printed wire-guide for retrograde percutaneous scaphoid fixation: comparison with standard fluoroscopic technique in a cadaver study

Vincent Salabi, Levon Doursounian, Jean-Marc Feron, Alain Sautet, Adeline Cambon-Binder

Orthopaedic, Trauma and Hand surgery department, Saint-Antoine hospital, Paris, France

6 minutes

A-0397 3D computer-assisted distal radius osteotomies with patient-specific surgical guides

Vasily Shishkin, Valery Golubev

Central Clinical Hospital of the Russian Academy of Sciences, Moscow, Russia

6 minutes

A-0636 Seamless Hand Trauma Referral in the Digital Age

Bafiq Nizar ¹, Sasan Amirhassankhani ¹, Eva O'Grady ¹, Dalia Mohamed ¹, Jim Williams ², Dominic Power ¹, Mark Foster ¹

¹ Birmingham Hand Centre, Queen Elizabeth Hospital, Birmingham, UK; ² IT Department, Queen Elizabeth Hospital, Birmingham, UK

6 minutes

A-0059 Ultrasound-guided de Quervain tendon release : feasibility study and clinical results

Pierre Croutzet

Cente de Chirurgie de la Main, Toulouse, France

6 minutes

A-0022 A computational musculoskeletal model of the PIP joint generated with anatomical data from MR, CT and optical motion capture

Chris Phillips ¹, Alex Forrester ¹, Cheryl Metcalf ¹, Leonard King ², Alex Dickinson ¹, David Warwick ^{1,2}

¹ University of Southampton, UK ² University Hospital Southampton, UK

6 minutes

Spastic Hand + Tetraplegy

S007 Free paper session

Thursday, 22 June 2017 | 08:00 - 09:00 | Red room

Chair: Martin Richter, Sándor Szlovák

A-0770 Evidence based evaluation of functional outcome of spastic upper limb surgery

Sándor Szlovák, Edit Mészáros, Nikolett Kovács, Györgyi Stefanik

National Institute of Medical Rehabilitation, Budapest, Hungary

6 minutes

A-0573 Arthrodesis versus carpometacarpal joint preservation in tetraplegic patients: a comparative study of two thumb column positioning strategies in 40 key-grip procedures

Bertrand Coulet¹, Adeline Cambon-Binder¹, Thomas Waitzenegger¹, Jacques Teissier², Cyril Lazerges¹, Michel Chammas¹, Charles Fattal²

¹ Hand and upper limb surgery department, Lapeyronie University Hospital, Montpellier, France; ² Propara Center, Montpellier, France

6 minutes

A-0425 Comparison of biceps-to-triceps transfer and deltoid-to triceps transfer to restore active elbow extension in patients with tetraplegia

Adeline Cambon-Binder¹, Caroline Hugeron², Valérie Le Corfec³, Célia Rech², Marc Revol⁴

¹ Saint-Antoine Hospital, Paris, France; ² Raymond Poincaré Hospital, Garches, France; ³ Centre Mutualiste de Rééducation et Réadaptation Fonctionnelles de Kerpape, Ploemeur, France; ⁴ Saint-Louis Hospital, Paris, France

6 minutes

A-0764 Nerve Transfer surgery as a salvage option for severe recalcitrant motor radiculopathy

Tahseen Chaudhry, Deepak Samson, Simon Tan, Dominic Power

Centre for hand and peripheral nerve surgery University Hospitals Birmingham Birmingham UK

6 minutes

Opening ceremony

S078Thursday, 22 June 2017 | 08:30 - 08:45 | Theatre room

Keynote 1

S079 Thursday, 22 June 2017 | 08:45 - 10:00 | Theatre room

Chair: Saara Raatikainen, Paul de Buck

A-0986 Entrapment neuropathies: novel insights from bench to bedside

Annina Schmid

UK

0 minutes

Tendon reconstruction of the unstable scapholunate dissociation. A systematic review

S008 Instructional Course session

Thursday, 22 June 2017 | 09:00 - 10:00 | Gold room

Chair: Tommy Lindau, Arnold Schuurman

A-0055 The management of chronic non-arthritic scapholunate dissociation: a systematic review

Zafar Naqui¹, Wee Sim Khor¹, Anuj Mishra², Vivien Lees², Lindsay Muir¹

¹ Salford Royal NHS Foundation Trust, Manchester, United Kingdom ² University Hospital South Manchester NHS Foundation Trust, Manchester, United Kingdom

6 minutes

A-1012 Tendon reconstruction of the unstable scapholunate dissociation. A systematic review

Marc Garcia-Elias

Spain

20 minutes

A-1051 Comments

Christophe Mathoulin

France

10 minutes

Compression 2

S009 Free paper session

Thursday, 22 June 2017 | 09:00 - 10:00 | Yellow room

Chair: Timo Raatikainen, Noémi Szakács

A-0124 Skin manifestations in territory innervated by median nerve: a new semeiological criterion of Carpal Tunnel Syndrome

Scaravilli Ignazio¹, Scaravilli Gabriele²

¹ Casa di cura San Michele Maddaloni (CE) Italy, ² ASL Caserta - P.O. di Piedimonte Matese - Italy

6 minutes

A-0003 Histopathologic Evaluation of Flexor Tenosynovium in Recurrent Carpal Tunnel Syndrome

Kevin Renfree, Kelly Scott

Mayo Clinic Arizona, Phoenix, USA

6 minutes

A-0604 Anatomical Variability and Histological Structure of the Ulnar Nerve in the Guyon's Canal

Brandon Michael Henry^{1,2}, Pawel Depukat^{1,2}, Patrick Popieluszko^{1,2}, Joyeeta Roy^{1,2}, Ewa Mizia^{1,2}, Tomasz Konopka^{1,2}, Krzysztof A. Tomaszewski^{1,2}, Jerzy Andrzej Walocha^{1,2}

¹ Jagiellonian University Medical College, Krakow, Poland; ² Evidence-Based Anatomy International Working Group

6 minutes

A-0492 Platelet-rich plasma to improve the prognosis of medium nerve neurolysis in severe and very severe carpal tunnel syndrome

Belén García-Medrano¹, Clarisa Simón Pérez¹, Blanca Ariño Palau¹, Elías Bustinza Camapanza¹, Benedicta Catalán Bernardos², Miguel Martín-Ferrero¹

¹ Orthopaedic Surgery, University Hospital of Valladolid, Valladolid, Spain; ² Neurophysiology, University Hospital of Valladolid, Valladolid, Spain

6 minutes

A-0613 Association between ultrasound assessment of median nerve deformation and excursion and clinical outcome after carpal tunnel release

Stefanie Evers^{1,2}, Jennifer Geske¹, Russell Gelfman¹, Peter C. Amadio¹

¹ Mayo Clinic, Rochester, United States; ² Erasmus Medical Center, Rotterdam, the Netherlands

6 minutes

A-0329 Friction neuropathy of the ulnar nerve in the elbow area

Tomas Hellmuth, Radek Kebrle, Alena Schmoranzova, Radek Lhotsky

Hand and Plastic Surgery Institute Vysoké nad Jizerou, Czech Republic

6 minutes

Outcomes 2

S010 Free paper session

Thursday, 22 June 2017 | 09:00 - 10:00 | Orange room

Chair: **Henk Coert, Sándor Szlovák**

A-0440 Normative data for the Patient-Rated Wrist Evaluation

Marjolein Mulders¹, Suzanne Kleipool¹, Siem Dingemans¹, Percy van Eerten², Carel Goslings¹, Niels Schep³

¹ Academic Medical Center, Amsterdam, The Netherlands ² Maxima Medical Center, Eindhoven, The Netherlands ³ Maastad Hospital, Rotterdam, The Netherlands

6 minutes

A-0269 Can MRI and Bonescan predict the result of ulnar shortening osteotomy?

In Hyeok Rhyou, Jung Hyun Lee, Ji-Ho Lee, Kyung Chul Kim, Ki-Baek Ahn, Seong Cheol Moon, Hyeong Jin Kim

Department of Orthopaedic Surgery Upper Extremity and Microsurgery Center Semyeng Christianity Hospital, Pohang, South Korea.

6 minutes

A-0351 Item reduction of the patient-reported wrist evaluation using decision tree modelling

MJW van der Oest¹, HP Slijper^{1,2}, JC Macdermid³, RW Selles¹

¹ Department of Plastic, Reconstructive and Hand Surgery and Department of Rehabilitation, ErasmusMC, Rotterdam, the Netherlands ²

Department of Hand and Wrist Surgery, Xpert clinic, Hilversum, the Netherlands ³ School of Rehabilitation Science and School of Physical Therapy, Western university, Ontario, Canada

6 minutes

A-0878 Evaluation of proprioception in denervated and healthy wrist joints

Susanne Rein^{1,2}, Nane Euchner²

¹ Department of Plastic and Hand Surgery, Burn Unit, Trauma Center Bergmannstrost, Halle (Saale), Germany; ² University Center of Orthopaedics and Traumatology, University Medicine "Carl Gustav Carus", Technical University of Dresden, Germany

6 minutes

A-0678 Does the anatomy of the radial sigmoid notch have influence on the long-term outcome of Ulnar Shortening Osteotomy?

Bernd Maydell¹, David Le^{1,2}, Kristian Welle², Khabir K², Christof Burger², Martin Richter¹

¹ Hand Centre, Order of Malta-Hospital, Bonn, Germany; ² Dept. of Orthopedics/Traumatology, University Bonn, Germany

6 minutes

A-0541 Does daily use of hand earlier really affect the functional status after tendon repairs?

Zeynep Tuna¹, Deran Oskay¹, Ahmet Gokkurt¹, Oguzhan Mete¹, Songul Baglan Yentur¹, Pinar Ambarcioglu²

¹ Gazi University Faculty of Health Sciences Department of Physiotherapy and Rehabilitation, Ankara, Turkey; ² Ankara University Faculty of Veterinary Medicine Department of Biostatistics, Ankara, Turkey

6 minutes

Future in Hand Surgery 2

S011 Free paper session

Thursday, 22 June 2017 | 09:00 - 10:00 | Green room

Chair: Daniel Herren, Tamás Szabó

A-0315 Restoration of Muscle Function with Novel Chimeric Cells Therapy of Myoblast and Mesenchymal Stem Cell Origin

Maria Siemionow¹, Erzsebet Szilagyi¹, Joanna Cwykiel¹, Anna Domaszewska-Szostek¹, Ahlke Heydemann², Jesus Garcia-Martinez²

¹ Department of Orthopedics, University of Illinois at Chicago, Chicago, IL, USA; ² Department of Physiology and Biophysics, University of Illinois at Chicago, Chicago, IL, USA

6 minutes

A-0686 Confirmation of the Engraftment and Safety of Cryopreserved Human Cord Blood Derived Ex-vivo Created Di- Chimeric Cells in the NSG Mouse Model: A Preliminary Study

Joanna Cwykiel, Natalia Filipek, Erzsebet Szilagyi, Ewa Bryndza, Maria Siemionow

Department of Orthopaedics, University of Illinois at Chicago, Chicago, USA

6 minutes

A-0200 How direct the neuronal growth process in peripheral nerve regeneration? Nanosurfaces scaffold and magnetic nanoparticles future strategies using median nerve rat model.

Andrea Poggetti¹, Pietro Battistini¹, Vittoria Raffa², Martina Giannaccini², Marco Cecchini³, Silvia Corbianco¹, Michela Novelli¹, Paolo Parchi¹, Anna Maria Nucci¹, Michele Lisanti¹

¹ Department of Translational Research and of New Surgical and Medical Technologies, Università di Pisa, Italy ² Department of Biology, Università di Pisa, Italy ³ NEST, Scuola Normale Superiore, Pisa, Italy

6 minutes

A-0208 Two-layer Wound Sealing before Surgical Hand Washing for Surgeons with a Minor Cut Injury on the Hands

Chan Yoon, Hyun Sik Gong, Sehun Kim, Seung Hoo Lee, Jin Woo Park, Goo Hyun Baek

Department of Orthopedic Surgery, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seoul, Korea.

6 minutes

A-0112 Dynamic MRI as a Supplement to Conventional MRI for Assessing Disorders of the Wrist

Igor Immerman⁴, Brent H. Foster², Christopher O. Bayne³, Robert M. Szabo³, Robert D. Boutin¹, Abhijit J. Chaudhari¹

¹ Department of Radiology, University of California Davis, Sacramento, CA, USA; ² Department of Biomedical Engineering, University of California Davis, Sacramento, CA, USA; ³ Department of Orthopaedic Surgery, University of California Davis, Sacramento, CA, USA; ⁴ Department of Orthopaedic Surgery, University of California San Francisco, San Francisco, CA, USA

6 minutes

A-0416 Augmented reality simulation for elbow arthroscopy

Michiro Yamamoto¹, Takehiro Tawara², Shintaro Oyama¹, Yukimi Murakami¹, Hideo Yokota², Hitoshi Hirata¹

¹ Nagoya University Graduate School of Medicine, Japan ² Riken, Japan

6 minutes

A-0904 In vitro and in vivo study of a bio-engineered scaffold with Carbon nanotubes for nerve regeneration

Cesare Tiengo, Federico Maria Larcher, Andrea Monticelli, Alex Pontini, Enzo Menna, Nicola Vicentini, Franco Bassetto

UOC Plastic and Reconstructive Surgery Department, Padova, Italy

6 minutes

Congenital 1

S012 Free paper session

Thursday, 22 June 2017 | 09:00 - 10:00 | Red room

Chair: Go Hyun Baek, Krzysztof Tomaszewski

A-0287 Intrafamilial Variability of Triphalangeal Thumb Phenotype: evidence for Phenotypic Progression over Generations?

Martijn Baas¹, Jacob WP Potuijt¹, Steven ER Hovius¹, A Jeannette Hoogeboom², Robert-Jan H Galjaard², Christianne A van Nieuwenhoven¹

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus University Medical Center, Rotterdam, The Netherlands; ² Department of Clinical Genetics, Erasmus University Medical Center, Rotterdam, The Netherlands

6 minutes

A-0282 Controversies in Poland syndrome: A systematic review on the presentation and definition of Poland syndrome in literature

Martijn Baas, Elise B Burger, Dimitri Sneider, Robert-Jan H Galjaard, Steven ER Hovius, Christianne A van Nieuwenhoven

Erasmus Medical Center, Rotterdam, The Netherlands

6 minutes

A-0893 The application of the Oberg Manske and Tonkin classification in daily practice; an evaluation of the classification strategy

M. Baas, P.R. Zwanenburg, S.E.R. Hovius, C.A. van Nieuwenhoven

Department of Plastic and Reconstructive Surgery and Hand Surgery, Erasmus University Medical Center, Rotterdam

6 minutes

A-0894 Identification of associated genes and diseases in patients with congenital upper limb anomalies; a novel application of the OMT classification

M.Baas¹, A.P. Stubbs³, D. Van Zessen³, R.J.H. Galjaard², P.J. van der Spek³, S.E.R. Hovius¹, C.A. van Nieuwenhoven¹

¹ Department of Plastic and Reconstructive Surgery and Hand Surgery; ² Department of Clinical Genetics; ³ Department of Bioinformatics, Erasmus University Medical Center, Rotterdam, The Netherlands

6 minutes

A-0452 Defining an international standard set of outcome measures for patients with congenital hand and upper limb malformations: Consensus of the international consortium of health outcomes measurement congenital hand and upper limb malformations working group

Monique Ardon^{1,2,4}, Christianne van Nieuwenhoven^{1,2}, Bran Sivakumar^{1,3}, Jason Arora¹, ICHOM Congenital Hand and Upper Limb Malformations Working Group

¹ International Consortium for Health Outcomes Measurement, London, UK; ² Erasmus MC, Netherlands; ³ Great Ormond Street Hospital, UK; ⁴ Rijndam Rehabilitation Institute, Netherlands

6 minutes

A-0135 Quantitative Measurements of Cross Sectional Configuration of Flexor Pollicis Longus Tendon using Ultrasonography in Patients with Pediatric Trigger Thumb

Jihyeung Kim¹, Seok Woo Hong¹, Hyun Sik Gong¹, Yong Ho Lee¹, Kee Jeong Bae¹, Hyoungmin Kim¹, Seung Bum Chae², Hyun Soo Park³, Goo Hyun Baek¹

¹ Seoul National University, College of Medicine, Seoul, South Korea ² Daegu Catholic University, Daegu, South Korea ³ Hanil General Hospital, Seoul, Korea

6 minutes

A-0277 Radiographic measurements in the macrodactyly of the fingers

Sehun Kim¹, Jihyeung Kim¹, Kee Jeong Bae², Hyun Sik Gong³, Goo Hyun Baek¹

¹ Seoul National University Hospital, Korea; ² Seoul National University Boramae Medical Center, Korea; ³ Seoul National University Bundang Hospital, Korea

6 minutes

Carpal 1

S013 Free paper session

Thursday, 22 June 2017 | 10:30 - 12:00 | Gold room

Chair: Marc Garcia-Elias, Noémi Szakács

A-0350 Ligamentous reconstruction of the interosseous membrane of the forearm in the treatment of instability of the DRUJ.

Márcio Aurélio Aita ¹, Ricardo Carvalho Mallozi ¹, Willian Ozaki ¹, Douglas Hideo Ikeuti ¹, Daniel Alexandre Pereira Consoni ², Gustavo Mantovanni Ruggiero ³

¹ Faculdade de Medicina do ABC; ² Médico Residente do Serviço de Ortopedia e Traumatologia, vinculado à disciplina de Doenças do Graduando do curso de Medicina na Universidade Cidade de São Paulo; ³ Universidade de Milão

6 minutes

A-0583 Long-term Outcome of Surgical Treatment for Kienbock's Disease using an Articular-based Approach

Simon MacLean ¹, Greg Bain ¹, David Lichtman ²

¹ Flinders University, Adelaide, South Australia, Australia; Flinders Medical Centre, Adelaide, South Australia, Australia; ² University of North Texas Health Science Center Fort Worth, Texas, USA

6 minutes

A-0044 Favorable outcome of the modified Graner procedure for the advanced Kienböck's disease

Akira Ikumi ¹, Yuki Hara ¹, Eriko Okano ¹, Sho Kohyama ¹, Takeshi Ogawa ², Toshikazu Tanaka ³, Naoyuki Ochiai ³, Masashi Yamazaki ¹

¹ Department of orthopedic surgery, Faculty of medicine, University of Tsukuba, Ibaraki, Japan ² Department of orthopedic surgery, Mito Kyodo general hospital, Ibaraki, Japan ³ Department of orthopedic surgery, Kikkoman general hospital, Chiba, Japan

6 minutes

A-0587 Fixation of the fractured lunate in Kienbock's disease

Justin Chou, Stephen Tham, Eugene Ek

¹ St Vincents Hand Unit; ² Dandenong Hospital Hand Unit Melbourne, Australia

6 minutes

A-0098 No Benefits of Combining Proximal Row Carpectomy with PIN Neurectomy for Wrist Disorders - A Comparative Study with Systematic Review of the Literature

Mesut Tahta ¹, Yener Aydin ², Firat Erpala ¹, Mehmet Yildiz ², Izge Gunal ³, Muhittin Sener ¹

¹ Katip Celebi University, Ataturk Training and Research Hospital, Department of Orthopaedics and Traumatology, Izmir, Turkey; ² Karadeniz Technical University Faculty of Medicine, Department of Orthopaedics and Traumatology, Division of Hand Surgery, Trabzon, Turkey; ³ Dokuz Eylul University, Faculty of Medicine, Department of Orthopaedics and Traumatology, Izmir, Turkey

6 minutes

A-0107 Long-term functional results of a wrist exercise program for patients with midcarpal instability

Marjolein Mulders ¹, George Sulkers ¹, Annemieke Videler ², Mark Smeulders ¹, Simon D. Strackee ¹

¹ Academic Medical Center, Amsterdam, The Netherlands ² 4Hands, Amsterdam, The Netherlands

6 minutes

A-0189 Arthroscopic Assisted Capsuloplasty in Scapholunate Tears: the Role of the Dorsal Capsulo-Scapholunate Septum

Tobias Del Gaudio, Max Haerle, Nicole Schmelzer-Schmied, Beate Schenck

Clinic for Hand- and Plastic Surgery Orthopaedic Clinic, Markgroeningen, Germany

6 minutes

A-0060 Endoscopic denervation of the wrist : anatomic feasibility and clinical outcomes

Pierre Croutzet

Centre de Chirurgie de la main, Toulouse, France

6 minutes

A-0259 Understanding Carpal Instability Nondissociative; the deceptive use of 2D data sets in addressing lunate morphology

Sjoerd P. Kamminga, Marloes M.H. Bolman, Mario Maas, Remmet Jonges, Simon D. Strackee

Academic Medical Center Amsterdam, The Netherlands

6 minutes

A-0778 Lunate fossa resection arthroplasty for old Kienbock disease

Reza Shahryar Kamrani

Tehran University of Medical Sciences, Tehran, Iran

0 minutes

Common Hand Fractures 1

S014 Instructional Course session

Thursday, 22 June 2017 | 10:30 - 12:00 | Yellow room

Chair: Thomas Giesen, Frederik Verstreken

A-1013 Introduction

David Shewring

UK

5 minutes

A-1014 Phalangeal shaft fractures

Ryan Trickett

UK

12 minutes

A-1015 Metacarpal shaft fractures

Daniel Winson

UK

12 minutes

A-1016 Bennetts Fractures

Grey Giddins

UK

12 minutes

A-1017 Fracture/dislocations of little finger (5th) carpometacarpal joint

Will Cobb

UK

12 minutes

A-1018 Metacarpal neck fractures

Wing Yum Man

UK

12 minutes

A-1019 Summary, Comments

Christian Dumontier

France

10 minutes

Microsurgery

S016 Special session

Thursday, 22 June 2017 | 10:30 - 12:00 | Green room

Chair: Alexandru Georgescu

A-1079 Can be the local perforator flaps considered as workhorse flaps for upper limb reconstruction?

Alexandru Georgescu

Romania

12 minutes

A-1080 Medial and lateral condyle bone flaps in wrist reconstructions

Heinz Burger

Austria

12 minutes

A-1081 Free fibula for forearm bone defects in children

Marco Innocenti, Gerardo Malzone

Italy

12 minutes

A-1082 Vascularized fibula graft: a workhorse flap of the hand surgeon

Pierluigi Tos

Italy

12 minutes

A-1083 Microsurgical thumb and fingers' reconstruction

Bruno Battiston

Italy

12 minutes

A-1084 Bionic replacement of upper extremity as an alternative to free microvascular muscle transfer

Marko Bumbasirevic

Serbia

12 minutes

Congenital 2

S017 Free paper session

Thursday, 22 June 2017 | 10:30 - 12:00 | Red room

Chair: László Egri, Judit Hetthéssy

A-0286 Pollicization: whether this operation is useful in case of two-finger hand?

Igor Shvedovchenko ^{1,2}, Andrej Koltsov ¹, Boris Kasparov ¹

¹ Federal State Institution St.Petersburg Scientific and Practical Centre of Medical and Social Expertise, Prosthetics and Rehabilitation named after G.A.Albrecht of the Ministry of Labour and Social Protection of the Russian Federation, St.Petersburg, Russia. ² Department of Medical Physics, St.Petersburg State Polytechnical University, St Petersburg, Russia.

6 minutes

A-0088 Anatomical difference between hand and foot web-space reconstruction

Pobe Luangjarmekorn, Puchong Kulrat, Pravitt Kitidumrongsook

Department of Orthopedic, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

6 minutes

A-0535 Foot function in children with preaxial polydactyly of the foot compared to age- and sex-matched healthy controls.

Elise B Burger ¹, Shaktie A Lalé ¹, Steven ER Hovius ¹, Christianne A van Nieuwenhoven ¹, Sicco A Bus ²

¹ Erasmus Medical Center, Rotterdam, The Netherlands ² Academic Medical Center Amsterdam, The Netherlands

6 minutes

A-0423 Treatment outcomes in Radial Dysplasia: a systematic review and meta-analysis

George Murphy ^{1,2}, Malcolm Logan ², Gill Smith ¹, Paul Smith ³, Branavan Sivakumar ^{1,3}

¹ Great Ormond St Hospital for Children, London, UK; ² King's College London, London, UK; ³ The Portland Hospital, London, UK

6 minutes

A-0297 Flexor mechanism in radial polydactyly

Lisa Ng, Susan Stevenson, Brid Crowley

Department of Plastic and Reconstructive Surgery Royal Victoria Infirmary Newcastle upon Tyne Hospitals NHS Foundation Trust Newcastle upon Tyne NE1 4LP United Kingdom

6 minutes

A-0662 Surgical management of windblown hand

Olga Agranovich

The Turner Scientific and Research Institute for Children's Orthopaedics, St.-Petersburg, Russia

6 minutes

A-0284 Ulnar polydactyly: A comparison of long-term outcomes of vascular clip application versus surgery in the newborn

Daphne Zoutendijk, Elise B Burger, Steven E.R. Hovius, Christianne A. van Nieuwenhoven

Erasmus Medical Center, Rotterdam, The Netherlands

6 minutes

A-0408 Congenital Flexion Deformity of the Long, Ring, and Little Fingers with an Aberrant Origin of the Flexor Digitorum Profundus: Differential Diagnosis with the Volkmann's Contracture

Ge Xiong

Department of Hand Surgery, Beijing Jishuitan Hospital, Beijing, China

6 minutes

A-0846 An Insight into the Pathogenesis of Radial and Ulnar Aplasia Using Fate-mapping as a Novel Technique in Determining the Embryological Basis of the Zeugopod

Julia Dong Hwa Oh ¹, Lucy Freem ¹, Helen Sang ¹, Megan G. Davey ¹, Wee L. Lam ²

¹ Division of Developmental Biology, Roslin Institute, Edinburgh, UK; ² Royal Hospital for Sick Children, Edinburgh, UK

6 minutes

A-0533 The postoperative dressing regime in paediatric hand surgery

Marije Notenboom, Elise B. Burger, Steven E.R. Hovius, Christianne A. van Nieuwenhoven

Erasmus Medical Center, Rotterdam, The Netherlands

6 minutes

A-0428 Explanations-Based Scoring of Congenital Hand Differences for Surgeons and Parents

Christopher Trew ¹, Chris Gall ², Orla Duncan ³, Wee Lam ³

¹ University of Edinburgh, UK; ² University of Dundee, UK; ³ Royal Hospital for Sick Children, Edinburgh, UK;

6 minutes

A-0907 First human hand transplantation for total hand agenesis: early report

A. Domanasiewicz, J. Martynkiewicz, P. Barć, M. Stępniewski, M. Pfanhauser, S. Kuliński, S. Manasterski, O. Gutkowska, E. Wagner, J. Gosk

University Clinic and Department of Traumatology and Hand Surgery Wrocław, Poland

0 minutes

A-0762 The Prevalence of Agenesis of the Palmaris Longus Muscle: a Meta-Analysis.

Przemysław A Pekala^{1,2}, Brandon Michael Henry^{1,2}, Patrick Popieluszko^{1,2}, Jakub R Pekala^{1,2}, Anna Drzymala^{1,2}, Jerzy A Walocha^{1,2}, Krzysztof Tomaszewski^{1,2}

¹ Jagiellonian University Medical College, Krakow, Poland ² Evidence-Based Anatomy International Work Group, Krakow, Poland

6 minutes

Keynote 2

S080 Thursday, 22 June 2017 | 10:30 - 11:30 | Theatre room

Chair: Helle Puggård, Beate Jung

A-0987 Hand therapy management of acute pain and chronic pain prevention

Joy MacDermid

Canada

0 minutes

ECHT info & Awarding of best abstract

S081 Special session

Thursday, 22 June 2017 | 11:30 - 12:00 | Theatre room

Chair: Roma Bhopal, Bernadette Ammann

What's new in Pyrocarbon solutions?

S100 Thursday, 22 June 2017 | 12:15 - 13:10 | Yellow room

Overcoming Challenges in Nerve Repair: A Case Based Discussion

S062Thursday, 22 June 2017 | 12:15 - 13:10 | Orange room

The Geminus fixation system and the extended FCR approach

S077 Thursday, 22 June 2017 | 12:15 - 13:10 | Green room

Treatment Decision Making in Distal Radius Fractures, Intraoperative Tips and Tricks

S067 Thursday, 22 June 2017 | 12:15 - 13:10 | Red room

Dupuytren's contracture treatment: incorporating collagenase clostridium histolyticum as part of clinical practice

S099 Thursday, 22 June 2017 | 12:15 - 13:10 | Blue room

Peripheral Nerve Repair Solutions, Transforming Patient Recovery

S072Thursday, 22 June 2017 | 12:15 - 13:10 | White Room

SLAC Round Table

S018 Special session

Thursday, 22 June 2017 | 13:30 - 14:30 | Gold room

A-0931 Pathology and Natural History of SLAC Wrist

Marc Garcia-Elias

Spain

8 minutes

A-0932 Principles of Surgical Treatment for SLAC Wrist

Greg Bain

Australia

8 minutes

A-0933 Arthroscopic Resection Arthroplasty in Older Patients

Tyson Cobb

USA

8 minutes

A-0934 Arthroscopic 4-Corner Fusion

Francisco Del Piñal

Spain

8 minutes

A-0935 Hemi and Total Joint Arthroplasty

Scott Wolfe

USA

8 minutes

Outcomes 3

S020 Free paper session

Thursday, 22 June 2017 | 13:30 - 14:30 | Orange room

Chair: Peter Hout, Balázs Lenkei

A-0459 Dorsal versus volar approach for proximal interphalangeal joint arthroplasty with a surface gliding implant

Elvira Bodmer, Stefanie Hensler, Daniel B. Herren, Stephan Schindele

Department of Hand Surgery, Schulthess Clinic, Zurich, Switzerland

6 minutes

A-0772 Treatment of long finger hyperextension injuries in children participating in ball game activities. The development of a clinical decision guide.

Christina Steiger ^{1,2}, Aron Grazioli ¹, Júlia Armenter Duran ¹, Victor Dubois Ferriere ¹, Dimitri Ceroni ¹

¹ Orthopédie pédiatrique, Hôpitaux Universitaires de Genève, Switzerland ² Unité de la main et des nerfs périphériques, Hôpitaux Universitaires de Genève, Switzerland

6 minutes

A-0234 Outcome analysis of nail bed injuries

Jae Doo Joo, Ja Hea Gu, Dong Hee Kang

Dankook University Hospital, Cheonan, Korea

6 minutes

A-0383 Reoperations and revisions following arthroplasty of the proximal interphalangeal joint: a systematic literature review

Miriam Marks, Nicole Forster, Laurent Audigé, Stephan Schindele

Schulthess Clinic, Zurich, Switzerland

6 minutes

A-0380 Measurement properties of the Unité Rhumatologique des Affections de la Main (URAM) Scale in patients with Dupuytren's disease

Stefanie Hensler, Martina Wehrli, Miriam Marks

Schulthess Klinik, Zurich, Switzerland

6 minutes

A-0558 Dupuytren's down under: a dedicated clinic, data collection tool and outcomes

David Hunter-Smith ^{1,2}, Bethany Reynolds ¹, Michael Chae ¹, Vicky Tobin ¹, Warren Rozen ^{1,2}

¹ Peninsula Health, Department of Plastic and Hand Surgery, Frankston, Victoria, Australia; ² Monash University Plastic and reconstructive surgery Unit, Clayton, Victoria, Australia

6 minutes

Soft Tissues 1

S021 Free paper session

Thursday, 22 June 2017 | 13:30 - 14:30 | Green room

Chair: Angel Ferreres, Michael Sauerbier

A-0427 Animal bite injuries of the hand- early versus late treatment

Jessica Seegmueller, Isabella Mehling, Annika Arsalan-Werner, Stephanie Koehler, Michael Sauerbier

Berufsgenossenschaftliche Unfallklinik Frankfurt, Frankfurt am Main, Germany

6 minutes

A-0500 Retrospective study of management and outcomes of bite injuries to the hand

Andrew Fowler, Simon Tan

University Hospital Birmingham, UK.

6 minutes

A-0263 Investigation of 145 dorsal metacarpal artery perforators using color Doppler ultrasound

Yasunari Awa, Akira Kawabata, Kiyohito Takamatsu

Yodogawa Christian Hospital, Japan

6 minutes

A-0082 Plasma microRNA-146a and microRNA-155 are potential objective and early biomarkers for acute rejection of transplanted limbs in a rat model

Hiroki Oda ¹, Ryosuke Ikeguchi ¹, Tomoki Aoyama ², Souichi Ohta ¹, Takashi Noguchi ¹, Yukitoshi Kaizawa ¹, Hirofumi Yurie ¹, Hisataka Takeuchi ¹, Koji Yamamoto ³, Shuichi Matsuda ¹

¹ Department of Orthopaedic Surgery, Graduate School of Medicine, Kyoto University, ² Department of Physical Therapy, Human Health Sciences, Graduate School of Medicine, Kyoto University, ³ Department of Biomedical Engineering, Faculty of Life and Medical Sciences, Doshisha University

6 minutes

A-0293 Clinical utility of conventional bedside monitoring combined with high resolution ultrasonography for monitoring vascular compromise after free tissue transfer

Rikuo Shinomiya, Toru Sunagawa, Yuko Nakashima, Nobuo Adachi

Department of Orthopaedic Surgery, Hiroshima University Hospital, Hiroshima, Japan

6 minutes

A-0302 Anatomical study of the first dorsal interosseous tendon for its use in the repair of chronic rupture of the radial collateral ligament of the index metacarpophalangeal joint.

Angel Ferreres ¹, Montserrat del Valle ², Alfonso Rodríguez ³

¹ Institut Kaplan. Hand and Upper Extremity Surgery, Barcelona, Spain ² Hand Unit, Hospital Esperit Sant, Santa Coloma de Gramenet, Barcelona, Spain ³ Department of Anatomy and Morphological Sciences, School of Medicine Autonomous University of Barcelona, Barcelona, Spain

6 minutes

A-0238 Collateral ligament injuries of the metacarpophalangeal joint in long fingers. Results of a series of 20 patients. Presentation of a new clinical test

Gero Meyer zu Reckendorf, Mylène Kientzi, Jean Claude Rouzaud

Institut Montpellierain de la main et du membre supérieur, Clinique St Roch, Montpellier, France

6 minutes

Future in Hand Surgery 3

S022 Free paper session

Thursday, 22 June 2017 | 13:30 - 14:30 | Red room

Chair: Brigitte van der Heijden, Frederik Vertsreken

A-0045 High precision of model-based RSA in total wrist arthroplasty

Trygve Holm-Glad, Masako Tsukanaka, Magne Røkkum, Stephan M. Røhrl, Ole Reigstad

Orthopedic department, Oslo University Hospital, Oslo, Norway

6 minutes

A-0783 How To Make The Sauve-Kapandji Procedure Work

Jeff Ecker^{1,2}, Courtney Andrijich¹, Victoria Bray^{1,2}

¹ Western Orthopaedic Clinic, Western Australia; ² Hand and Upper Limb Centre, Western Australia

6 minutes

A-0333 Results of the KinematX wrist hemi-arthroplasty

Anneberg Jensen M¹, Packer GJ², Crisco J³, Wolfe S⁴

¹ Aarhus University Hospital Aarhus Denmark; ² Southend University Hospital Southend-on sea UK; ³ Brown Alpert University Rhode Island USA; ⁴

Hospital for Special Surgery New York USA

6 minutes

A-0332 Ten years experience with total wrist prosthesis. Is it an option for total wrist fusion?

Hans-Georg Damert

HELIOS Börde klinik, Oschersleben, Germany

6 minutes

A-0658 High-resolution ultrasound diagnosis in hand conditions. The Immersion technique and its applications

Constanza L. Moreno-Serrano, María Cristina Rodríguez-Ricardo, Humberto Rivera

Hospital Universitario Fundación Santa Fe de Bogotá. Bogotá. Colombia

6 minutes

A-0114 Simple Assessment of Global Bone Density and Osteoporosis Screening Utilizing Standard Radiographs of the Hand

Joe Schreiber, Jeffrey Yao

Stanford University Medical Center Palo Alto, CA USA

6 minutes

A-0898 The role of prophylactic antibiotics in surgical carpal tunnel release

Doina Maria Moldovan, Zsolt Szabó

Hand Surgery Center Miskolc, Hungary

0 minutes

Focus Session: Early Rehabilitation - fractures, tendons and nerves

S082 Special session

Thursday, 22 June 2017 | 13:30 - 15:00 | Kupola room

Chair: Nikki Burr, Terese Aglen

A-0993 Early rehabilitation in fractures

Zoe Clift

UK

10 minutes

A-0994 Early active flexor tendon treatment - why we do it and how we do it

Gwendolyn van Strien

The Netherlands

10 minutes

A-0995 Early re-learning following nerve repair

Pernilla Vikström

Department of Translational Medicine - Hand Surgery, Skane University Hospital, Lund University, Malmö, Sweden

10 minutes

A-0382 Evidence-based hand therapy rehabilitation protocol for the treatment of proximal phalangeal fractures

Tamara Hauri, Christa Greminger

UniversitätsSpital Zürich, Zürich, Switzerland

10 minutes

Shoulder-Arm related

S083 Free paper session

Thursday, 22 June 2017 | 13:30 - 15:00 | Room 1

Chair: Ali Kitis, Georgia Petta

A-0395 Upper Limb Functionality and Core Stabilization in Patients with Rotator Cuff Reconstruction Surgery Compared to Healthy People

Raziye Şavkın ¹, Nihal Büker ¹, A. Çağdaş Yörükoğlu ²

¹ Pamukkale University, School of Physical Therapy and Rehabilitation, Denizli, Turkey ² Pamukkale University Department of Orthopedics and Traumatology, Denizli, Turkey

10 minutes

A-0402 The effects of kinesiotaping on scapular control in patients with distal radius fracture: 3-dimensional kinematic analyses

Elif Turgut ¹, Cigdem Ayhan ¹, Gul Baltaci ²

¹ Hacettepe University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation, Ankara, Turkey; ² Guven Hospital, Department of Physiotherapy and Rehabilitation, Ankara, Turkey

10 minutes

A-0611 Correlation Between Disease Activity, Quality of Life, Level of Disability and Scapular Diskinesis in Patient With Rheumatoid Arthritis

Mehmet Delen ¹, Deran Oskay ¹, Songül Bağlan ¹, Zeynep Tuna ¹, Oğuzhan Mete ¹, Ahmet Gökkurt ¹, Gizem Töre ¹, Abdurrahman Tufan ²

¹ Gazi University Department Of Physiotherapy and Rehabilitation, Ankara, Turkey ² Gazi University Faculty Of Medicine, Department Of Rheumatology, Ankara, Turkey

10 minutes

A-0858 Upper limb proprioceptive and core stability training in Ehlers-Danlos Syndrome

Marta Jokiel, Anna Wawrzyniak, Piotr Czarnecki, Piotr Ogródowicz, Leszek Romanowski

Traumatology, Orthopaedics and Hand Surgery Department, Poznan University of Medical Sciences, Poznan, Poland

10 minutes

A-0818 Functional recovery after shoulder tendon transfer in patients with Duchenne-Erb's palsy, following structured rehabilitation protocol

Nadezhda Popova ¹, Margarita Kateva ², Georgi Petrov ²

¹ National Sports Academy, Sofia, Bulgaria ² Sofamed Hospital, Sofia, Bulgaria

10 minutes

A-0690 Use of activities to increase upper extremity skills in children with Non- Hodgkin lymphoma

Burcu Semin Akel, Sedef Şahin, Meral Huri

Hacettepe University, Faculty of Health Sciences, Department of Occupational Therapy

10 minutes

A-0666 Inpatient Rehabilitation for Upper Limb War Injuries in Syrian Patients

Marwa Nahas, Nimrod Rahamimov, Albert Gorski, Sorin Daniel Iordache

Galilee Medical Center, Nahariya, Isreal

10 minutes

Orfit Workshop

S084Thursday, 22 June 2017 | 13:30 - 15:00 | Room 2

Carpal Compressions

S105 Instructional Course session

Thursday, 22 June 2017 | 14:00 - 14:30 | Yellow room

Chair: Michel Boeckstyns, Lars Dahlin

A-1022 Evidence in carpal tunnel syndrome

Alessandro Pozzi

Italy

15 minutes

A-1023 Comments

Esther Vögelin

Switzerland

10 minutes

Carpal 2

S023 Free paper session

Thursday, 22 June 2017 | 14:30 - 15:30 | Gold room

Chair: Mariusz Bonczar, Judit Hetthéssy

A-0068 Comparative Outcome Analysis of Arthroscopic-Assisted Versus Open Reduction and Fixation of Trans-scaphoid Perilunate Fracture Dislocations

Won-Taek Oh, Yun-Rak Choi, Ho-Jung Kang, Il-Hyun Koh, Kyung-Han Lim

Department of Orthopaedic Surgery, Yonsei University College of Medicine, Seoul, South Korea

6 minutes

A-0470 Scapholunate Reconstruction: A Biomechanical Analysis of a Novel Technique

Steven J Lee ¹, Ronald J Choiniski ², Abigail Freigang ², Christopher Papangelou ², Felix Riano ²

¹ Lennox Hill Hospital, New York City, USA ; ² Naples Hand MedEd, Naples, USA

6 minutes

A-0205 Arthroscopically assessed width of the scapholunate gap in patients with ulnar impaction syndrome

Steffen Löw ¹, Holger Erne ², Ute Strobl ³, Frank Unglaub ⁴, Christian K Spies ⁴

¹ Section of Hand Surgery, Department of Orthopedic and Trauma Surgery, Caritas Krankenhaus Bad Mergentheim, Germany ² Department for Plastic Surgery and Hand Surgery, Klinikum rechts der Isar, Technische Universität München, Germany ³ Clinic for Hand Surgery, Rhön-Klinikum AG, Bad Neustadt/Saale, Germany ⁴ Department of Hand Surgery, Vulpius Clinic, Bad Rappenau, Germany

6 minutes

A-0744 Isolated scaphoidectomy and midcarpal tenodesis in SLAC wrist II

Enrico Carità, Alberto Donadelli, Landino Cugola

San Francesco Clinic Verona, Italy

6 minutes

A-0274 Follow up 11 years after wrist arthrodesis in non-rheumatoid patients

Ole Reigstad, Trygve Holm-Glad, Christian Grimsgaard, Rasmus Thorkildsen, Magne Røkkum

Hand- and Microsurgery Section, Orthopedic Department, University Hospital of Oslo, Norway

6 minutes

A-0900 Proprioception Based Surgical Treatment of Scaphoid Instability

Houshang Seradge, Winfred Parker, Mark Anderson, Carrie Baer, Ashley McKinzie, Kamran Steppe

Seradge Medical, Oklahoma City, USA

6 minutes

Scaphoid Fractures - The Evidence

S024 Instructional Course session

Thursday, 22 June 2017 | 14:30 - 15:30 | Yellow room

Chair: János Rupnik, Michael O'Sullivan

A-1024 Introduction

David Warwick

UK

5 minutes

A-1025 Managing Acute Scaphoid Fractures

David Warwick on behalf of Joe Dias

UK

8 minutes

A-1026 Imaging

Clare Miller

UK

8 minutes

A-1027 Scaphoid non-union

Mark Brewster

UK

8 minutes

A-1028 Optimising scaphoid fixation

Shai Luria

USA

8 minutes

A-1029 Emerging Treatments

David Warwick on behalf of Ms Lizzie Pinder

UK

8 minutes

A-1030 Comments

Hebe Désirée Kvernmo

Norway

10 minutes

Outcomes 4

S025 Free paper session

Thursday, 22 June 2017 | 14:30 - 15:30 | Orange room

Chair: Chris Bainbridge, Rupert Eckersley

A-0413 the quantitative assessment system of hand function

Kurinyi Igor

PI "Institute of Traumatology and Orthopedics", Kiev, Ukraine

6 minutes

A-0679 Closing the Loop: using outcome measurements for key insight in the quality of care of hand and wrist surgery

Harm Slijper

Xpert Clinic, Hilversum, The Netherlands

6 minutes

A-0863 Does Anatomic Knowledge Correlate with Upper Extremity Surgical Competency? A Multi-Center Pilot Study

Benjamin M. Wooster¹, Nathan L. Grimm¹, George S. Dyer², Fraser J. Leversedge¹

¹ Department of Orthopaedic Surgery, Duke University; Durham, USA ² Department of Orthopaedic Surgery, Harvard / Brigham and Women's Hospital; Boston, USA

6 minutes

A-0387 Incidence and Impact of Depression and Anxiety in an elective Hand Surgery clinic

L C Bainbridge

Pulvertaft Hand Centre, Royal Derby Hospital, Derby, UK

6 minutes

A-0663 Why do people with no disability attend a hand Clinic and what happens to them?

Ghalia Feddah, LC Bainbridge

Pulvertaft Hand Centre, Royal Derby Hospital, Derby, UK

6 minutes

A-0885 Tissue perfusion of the hand and forearm following reduction of a supracondylar fracture in the pediatric population

Christina Steiger^{1,2}, Dimitri Ceroni²

¹ Unité de la main et des nerfs périphériques, Hôpitaux Universitaires de Genève, Switzerland; ² Orthopédie pédiatrique, Hôpitaux Universitaires de Genève, Switzerland

6 minutes

A-0371 The necrotic diabetic hand might be one of the terminal complications of diabetes mellitus

Jeong Hwan Kim¹, Jihyeung Kim², Goo Hyun Baek²

¹ Department of Orthopedic Surgery, Seoul Medical Center, Seoul, Korea ² Department of Orthopedic Surgery, Seoul National University Hospital, Seoul, Korea

6 minutes

A-0540 Are two weeks of antibiotics enough after native septic joint arthritis drainage? A randomized controlled trial

Ergys Gjika, Ilker Uckay, Jean Yves Beaulieu

Geneva University Hospitals (HUG)

6 minutes

Memorial Session: Prof Dr Ayan Gülgönen

S026 Special session

Thursday, 22 June 2017 | 14:30 - 15:30 | Green room

Chair: Tufan Kaleli

A-1056 Introduction

Gürsel Lelebicioğlu

Turkey

5 minutes

A-1057 My Dear Friend Ayan

Ulrich Lanz

Germany

10 minutes

A-1058 Organization of a "Hand Center"

Sait Ada

Turkey

10 minutes

A-1059 Principles of treatment of patients with mutilating hand injuries

Eftal Güdemez

Turkey

10 minutes

A-1060 Major replantations. Long term follow up

Türker Özkan

Turkey

10 minutes

A-1061 Nerve Injuries in patients with Volkmann's ischemic contracture

Gürsel Lelebicioğlu

Turkey

10 minutes

Arthroscopy

S027 Free paper session

Thursday, 22 June 2017 | 14:30 - 15:30 | Red room

Chair: Francisco del Pinal, Christophe Mathoulin

A-0476 Arthroscopic Repair of Triangular FibroCartilage Complex (TFCC): Biomechanical comparison between the foveal and the conventional outside-in capsular repair for Atzei-EWAS Class 2 Tears

Michelle Chargot, Felix Riano

Naples Hand MedEd, Naples, USA

0 minutes

A-0782 Dry arthroscopic repair of the foveal insertion of the triangular fibrocartilage

Jeff Ecker^{1,2}, Courtney Andrijich¹, Victoria Bray^{1,2}, Tara Nababan¹

¹ Western Orthopaedic Clinic, Western Australia; ² Hand and Upper Limb Centre, Western Australia

0 minutes

A-0078 Arthroscopic transosseous repair for both proximal and distal components of peripheral triangular fibrocartilage complex tear

Ji Hun Park, Jong Woong Park

Korea University Anam Hospital, Seoul, South Korea

0 minutes

A-0889 Arthroscopic assisted treatment of posttraumatic TFCC lesions in adolescents

Christina Steiger, Jean-Yves Beaulieu

Unité de la main et des nerfs périphériques, Service Chirurgie orthopédique et traumatologie de l'appareil moteur, Hôpitaux Universitaires de Genève, Switzerland

0 minutes

A-0865 Is it possible to reduce the functional limitation of advanced stages of rhizarthrosis using arthroscopic treatment?: our experience

Maria José Ferreirós Conde¹, Lorena Fontao Fernández², José Luis Fernández Luna³

¹ Alvaro Cunqueiro University Hospital, Vigo, Spain ² Santa Lucia University Hospital, Cartagena, Spain ³ Emergency Service 061 Murcia, Spain

0 minutes

A-0672 Arthroscopic distal hemitrapeziectomy versus open distal hemitrapeziectomy without interposition in osteoarthritis of the first CMC joint; Preliminary results of a randomized controlled trial

C.M.C.A. van Laarhoven^{1,3}, M. Baas³, J.M. Zuidam^{1,3}, A.R. Koch², J.H. Coert¹

¹ Franciscus Gasthuis, Rotterdam, The Netherlands ² The Hand and Wrist Center, Haga Ziekenhuis, The Hague, The Netherlands ³ Erasmus Medisch Centrum, Rotterdam, The Netherlands

0 minutes

A-0530 Arthroscopic CM Arthroplasty with Suture-Button Suspensionplasty -Short term follow-up-

Keiji Fujio, Masayuki Matsuoka, Takumi Hashimura, Kazuaki Tsuyuguchi

Hand Center & Medical Institute of Kansai Electric Power Hospital

0 minutes

A-0773 Arthroscopic assessment of surgically treated wrist fractures improves diagnosis and treatment

Maria-Jose Pérez-Ubeda, Maria-Dolores Gimeno G^a-Andrade, Laura Serrano, Sergio LLanos, Gloria Gutierrez-argumosa, Fernando Marco Martinez

Hospital clinico San Carlos, Madrid, Spain

0 minutes

Young European Hand Surgeons' Get-together

S110 Special session

Thursday, 22 June 2017 | 14:30 - 15:30 | White room

Focus Session: Wrist

S085 Special session

Thursday, 22 June 2017 | 15:30 - 17:00 | Kupola room

Chair: Tracy Fairplay, Hand van den Berg

A-0996 Trying to understand ulnar sided wrist pain

Alex Lluch

Spain

10 minutes

A-0997 Therapy in ulnar sided wrist pain

Sarah Mee

Chelsea and Westminster Hospital Foundation NHS Trust, London, UK

10 minutes

A-0444 Does neuroproprioceptive wrist rehabilitation effect the patients' global hand and wrist functional outcome?

Elena Lanfranchi¹, Tracy Fairplay^{1,2}, Sara Rebuffo¹, Margherita Morini¹, Riccardo Luchetti³

¹ Studio Fairplay, Private Hand Rehabilitation Studio, Bologna, Italy; ² Consultant Hand Therapist, Department of Hand Rehabilitation, Policlinico di Modena, Modena, Italy; ³ Rimini Center for Hand Surgery, Rimini, Italy

10 minutes

A-0202 Study results after application of a proprioception rehabilitation protocol for the wrist, on 15 cases

Claude Le Lardic, Ludovic Ardouin, Aude Griffart

Institut de la Main Nantes Atlantique

10 minutes

A-1075 Early outcomes of 'The Birmingham Wrist Instability Programme': A pragmatic intervention for stage one scapholunate instability

Martin K Holmes, Sarah Taylor, Caroline Miller, MBS Brewster

UK

10 minutes

ECHT workshop

S086 Special session

Thursday, 22 June 2017 | 15:30 - 16:30 | Room 1

Chair: Roma Bhopal, Jolanda van ten Brinke

Orfit Workshop

S088Thursday, 22 June 2017 | 15:30 - 17:00 | Room 2

CMC I

S087 Free paper session

Thursday, 22 June 2017 | 16:30 - 17:00 | Room 1

Chair: Bernadette Ammann, Francesco Romagnoli

A-0301 Functional outcomes of a standardized hand therapy program in patients with thumb CMC-joint osteoarthritis. A cohort study with 12 months follow up.

Freek Lötters, Laura Meuwissen, Ton Schreuders

Hand and Wrist Center Dordrecht, The Netherlands

7 minutes

A-0086 The effect of an exercise program in patients with thumb base osteoarthritis: a prospective cohort study with propensity score matching

Robbert Wouters^{1,2}, Ruud Selles², Kim Spekrijse^{2,3}, Harm Slijper^{2,3}, Steven Hovius²

¹ Handtherapie Nederland, Utrecht, The Netherlands; ² Erasmus MC Rotterdam, Rotterdam, The Netherlands, ³ Xpert Clinic, Hilversum The Netherlands

7 minutes

A-0424 Therapy management of thumb carpometacarpal osteoarthritis (CMCJOA): Exploring UK therapist perceptions of joint instability.

Victoria Jansen¹, Paul Hendrick², Jo Ellis¹

¹ Pulvertaft Hand Centre, Royal Derby Hospital; ² University of Nottingham

0 minutes

Distal Radius 1

S028 Free paper session

Friday, 23 June 2017 | 08:00 - 09:00 | Gold room

Chair: Pak Cheong Ho, Karl-Josef Prommensberger

A-0220 10-15 year follow up after distal radius fractures. The relation between anatomical position, radiological osteoarthritis and functional outcome

David Visser¹, Mark van Oosteren^{1,2}, Nina Mathijssen¹, Gerald Kraan¹

¹ Reinier de Graaf Gasthuis, Delft, Netherlands; ² Erasmus Medical Center, Rotterdam, Netherlands

6 minutes

A-0561 Radiologic index of coronal shift might not affect surgical outcome of the distal radius fracture

Sung-Jae Kim¹, Joo-Hak Kim², Wan-Sun Choi³, Young-Hoon Jo⁴, Chang-Hun Lee⁵, Kwang-Hyun Lee⁴

¹ Hallym University, Dongtan Sacred Heart Hospital, Hwaseong, South Korea; ² Seonam University, Myongji Hospital, Goyang, South Korea; ³ Ajou University Hospital, Suwon, South Korea; ⁴ Hanyang University hospital, Seoul, South Korea; ⁵ Eulji University Hospital, Seoul, South Korea

6 minutes

A-0820 Ultrasound-assisted diagnosis of pediatric distal forearm and radial fractures

Marcell Varga¹, Tamás Kassai¹, Nikolett Gáti¹, Gergely Józsa²

¹ Péterfy Hospital, Budapest, Hungary; ² Department of pediatric surgery, University of Pécs, Hungary

6 minutes

A-0552 Volar Shift As An Independent Radiological Predictor of Instability in Distal Radius Fractures

Lester Tan, Kang Yong Chiang, Yong Fok Chuan

Tan Tock Seng Hospital, Singapore

6 minutes

A-0867 The Importance of Radiological Results in Distal Radius Fracture Operations:Functional Outcome after Long Term (6,5 y) follow up

Leena Raudasoja¹, Heidi Vastamäki², Timo Raatikainen¹

¹ Helsinki University Hospital, Clinic of Hand Surgery, Finland; ² Research Institute Orton, Invalid Foundation, Helsinki, Finland

6 minutes

A-0298 Modified distal radius dorsal skyline view for the evaluation of distal radio ulnar joint.

María C. Rodríguez^{1,2}, Constanza L. Moreno², Luis A. García¹

¹ San Ignacio University Hospital, Pontifical Javeriana University. Bogota, Colombia. ² Fundación Santa Fe de Bogota University Hospital. Bogota, Colombia.

6 minutes

A-0508 Radial Shaft Fracture Obliquity Is a Predictor of Distal Radioulnar Joint Instability

Benjamin Tze Keong Ding, Kaamini Pillay, Sreedharan Sechachalam

Tan Tock Seng Hospital Singapore, Singapore

6 minutes

Common Hand Fractures 2

S029 Instructional Course session

Friday, 23 June 2017 | 08:00 - 09:00 | Yellow room

Chair: Jan Haugstvedt

A-1031 Introduction

David Shewring

UK

5 minutes

A-1032 Fracture subluxations/dislocations of the base of the middle phalanx

Anca Breahna

UK

12 minutes

A-1033 Bony mallet injuries

Ryan Trickett

UK

12 minutes

A-1034 Condylar Fractures

David Shewring

UK

12 minutes

A-1035 Summary, Comments

Rupert Eckersley

UK

10 minutes

Pain

S030 Free paper session

Friday, 23 June 2017 | 08:00 - 09:00 | Orange room

Chair: Jörg Bahm, Werner Girsch

A-0465 Wide awake hand surgery

Egemen Ayhan ¹, Ender Gumusoglu ², Kadir Cevik ², Emre Ozdemir ², Metin M. Eskandari ²

¹ Diskapi Yildirim Beyazit Education and Teaching Hospital, Orthopaedics and Traumatology, Ankara, Turkey; ² Mersin School of Medicine, Orthopaedics and Traumatology - Hand Surgery, Mersin, Turkey

6 minutes

A-0048 Wide Awake Local Anesthesia with No Tourniquet (WALANT). How it changed my practice for the better, the faster and the cheaper!

Constantinos Kritiotis ¹, Alistair Phillips ²

¹ Iasis Private Hospital, Paphos, Cyprus; ² Southampton University Hospital, UK

6 minutes

A-0426 Pushing the Limits in Wide Awake Hand Surgery – A Trainee's Perspective, Consecutive patient series retrospective analysis

Sebastian Hediger, Simon Huang

Bülach Hospital, Bülach, Switzerland

6 minutes

A-0373 Wide awake approach for tendon transfer

Seungbum Chae, Junho Nam, Suk-Kyoon Song, Jae Bum Kwon, Jae jung Kim

Daegu Catholic University Hospital, Daegu, South Korea

6 minutes

A-0019 A randomized controlled trial of ultrasound guided cubital nerve block for management of distal radius fractures

M. Siebelt, K. Hartholt, D. van Winden, B. Verdouw, M. de Vries, G. Kraan, N. Mathijssen

Reinier de Graaf Hospital, Delft, the Netherlands

6 minutes

A-0857 Treatment of chronic neuropathic pain: Clinical experience with Peripheral Nerve Stimulation (PNS)

Gerlinde Weigel, Werner Girsch

Orthopedic Hospital Speising Vienna, Hand team, 1. Department, Vienna, Austria

6 minutes

A-0026 Risk factors to develop complex regional pain syndrome type I in Patients with Fracture of the Distal Radius

Fereydoun Layeghi ¹, Maryam Farzad ², Ali Hosseini ², Al Dianat ³, Nadyeh Ahrari ²

¹ Department of Clinical Science, The University of Social Welfare and Rehabilitation Sciences, Tehran, Iran ² Department of Occupational therapy, The University of Social Welfare and Rehabilitation Sciences, Tehran, Iran ³ Iran University of medical sciences, Tehran, Iran

6 minutes

Brachial plexus 1

S031 Free paper session

Friday, 23 June 2017 | 08:00 - 09:00 | Green room

Chair: Frederic Schuind, Teodor Stamate

A-0253 The Natural History of Elbow Flexion Strength Following Obstetric Brachial Plexus Injury

Tim Hems, Terence Savaridas, David Sherlock

Scottish National Children's Brachial Plexus Injury Service, Queen Elizabeth University Hospital and Royal Hospital for Children, Glasgow, UK.

6 minutes

A-0143 Elbow flexion reconstruction after traumatic adult brachial pan-plexus injury: free functioning gracilis muscle transfer versus intercostal nerve transfer to musculocutaneous nerve

Andrés A. Maldonado ^{1,2,3}, Michelle F. Kircher ^{1,2}, Robert J. Spinner ², Allen T. Bishop ¹, Alexander Y. Shin ¹

¹ Mayo Clinic, Department of Orthopedic Surgery, Division of Hand Surgery, 200 1st Street South West, Rochester, MN 55905, USA ² Mayo Clinic, Department of Neurologic Surgery and Department of Orthopedic Surgery, Division of Hand Surgery, 200 1st Street South West, Rochester, MN 55905, USA ³ BG Unfallklinik Frankfurt, Department of Plastic, Hand and Reconstructive Surgery, Germany.

6 minutes

A-0283 Nerve transfers for restoring elbow flexion in brachial plexus palsy

Teodor Stamate ¹, Camelia Tamas ¹, Radu Budurca ¹, Gabriel Mazilu ¹, Mariana Stamate ², Ionut Topa ¹, Georgiana Stamate ^{1,3}

¹ University of Medicine and Pharmacy "Gr.T.Popa" IASI, Romania; ² Laboratory of Neurophysiology – Neurosurgery Hospital, IASI, Romania; ³ Rheumatology and physiotherapy Service, Rehabilitation Hospital, IASI, Romania

6 minutes

A-0701 Brachial plexus tumours: Experience from a tertiary referral peripheral nerve centre

Deepak Samson, Simon Tan, Tahseen Chaudhry, Dominic Power

Centre for Nerve Injury and Paralysis, Birmingham Hand Centre, Queen Elizabeth Hospital, Birmingham, UK

6 minutes

A-0875 Effects of Selective Nerve Transfers on the Neonatal Motor Unit

Matthias E. Sporer, Martin Aman, Konstantin D. Bergmeister, Anna Willensdorfer, Krisztina Manzano-Szalai, Oskar C. Aszmann

CD-Laboratory for Restoration of Extremity Function, Division of Plastic & Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria

6 minutes

A-0886 Results of anterior shoulder release for medial rotation contracture in brachial plexus birth palsies about 17 cases

Mohamed Nassim Nouara, Amar Korchi

Dji Han Clinic, Algiers, Algeria

6 minutes

A-0142 Effects Of Humeral Shortening On The Three-Dimensional Configuration Of The Brachial Plexus

Jérôme Valcarenghi ¹, Fabian Mounongo ¹, Véronique Feipel ², Aurélie Andrzejewski ¹, Frédéric Schuind ¹

¹ Department of Orthopaedics and Traumatology, Université Libre de Bruxelles, Campus Hospitalo-Facultaire Erasme, Brussels, Belgium. ² Laboratory for Functional Anatomy, Université Libre de Bruxelles, Campus Hospitalo-Facultaire Erasme, Brussels, Belgium.

6 minutes

Hand Surgery in Hungary

S032 Special session

Friday, 23 June 2017 | 08:00 - 09:00 | Red room

Chair: Zsolt Szabó, János Aurél Simonka

A-0843 History of the Hungarian Hand Surgery

János Aurél Simonka

Department of Traumatology, University of Szeged, Hungary

0 minutes

A-0555 Fracture distance of the radiocarpal surface: does it determine the surgical technique?

Gergő Józsa¹, Rita Varga², Zsolt Juhász¹

¹ Unit of Pediatric Surgery, Department of Pediatrics, Medical Centre, University of Pécs, Hungary; ² Medical School, University of Pécs, Hungary

6 minutes

A-0827 Diagnostics of scapho-lunate ligament tear – literature review

Balázs Lenkei, Zsolt Szabó

Hand Surgery Center Miskolc

6 minutes

A-0874 The development of a Hungarian wrist arthroscopy registry

Noémi Szakács¹, Katalin Muraközy², Miklós Tátrai¹, Annamária Tátrai³

¹ National Institute for Sports Medicine, Budapest, Hungary; ² Kenezy Gyula Hospital, Department of Traumatology and Hand Surgery, Debrecen, Hungary; ³ TÁRKI Social Research Institute, Budapest, Hungary

6 minutes

A-0869 Ligament plastic of the chronic scapholunate dissociation: An evidence-based assessment of the literature

Géza Bábás, Eszter Tóth, Szabolcs Bábás, Zsolt Szabó

Handsurgery Center, Miskolc, Hungary

6 minutes

A-0851 Evolution of grip and pinch strength after open carpal tunnel release – prospective analysis of 284 operations

Zoltán Németh, Balázs Lenkei, Adrienn Lakatos, Zsolt Szabó

Hand Surgery Center, Miskolc, Hungary

6 minutes

A-0892 Evolution of night pain after open carpal tunnel release – prospective analysis of 284 operations

Beáta Bajdik, Balázs Lenkei, Adrienn Lakatos, Zsolt Szabó

Handsurgery Center, Miskolc, Hungary

6 minutes

A-0862 Evolution of daytime and night time numbness after open carpal tunnel release – prospective analysis of 284 operations

Zsolt Rimaszéki, Adrienn Lakatos, Balázs Lenkei, Zsolt Szabó

Hand Surgery Center Miskolc, Hungary

6 minutes

Focus Session: Scars

S089 Special session

Friday, 23 June 2017 | 08:30 - 10:00 | Kupola room

Chair: Paul de Buck, Marianne von Haller

A-0999 Hand outcome assessment after burn injury, with focus on scars

Saskia Sizoo

The Netherlands

10 minutes

A-1000 Scar treatment in hand therapy using mobilization, splinting and electrophysical modalities

Vera Beckmann-Fries

Switzerland

10 minutes

A-0998 Sense and Nonsense in topical scar treatment

Caroline Meulyzer

Belgium

10 minutes

A-0816 The effects of manual soft tissue techniques on the elasticity of burn scars: Preliminary results of a comparative study.

P. Douws¹, J. Meirte^{1,2}, M. Anthonissen^{1,3}, U. Van Daele^{1,2}, J. Van Tichelen¹, Y. Dom¹, C. Lafaire^{1,4}, L. De Cuyper^{1,4}, K. Maertens^{1,5}, P. Moortgat¹

¹ OSCARE, Organisation for burns, scar after-care and research, Antwerp, Belgium ² University of Antwerp, Rehabilitation Sciences and Physiotherapy, Antwerp, Belgium ³ KU Leuven, Faculty of Kinesiology and Rehabilitation Sciences, Leuven, Belgium. ⁴ ZNA Stuivenberg, Burn Center, Antwerp, Belgium ⁵ Vrije Universiteit Brussel, Department of Clinical and Lifespan Psychology, Brussels, Belgium

10 minutes

Hand and treatment/outcomes

S090 Free paper session

Friday, 23 June 2017 | 08:30 - 10:00 | Room 1

Chair: Glykeria Gounaropoulou, Dominik Simon

A-0799 Occupation-based hand therapy - hype or hope?

Bernadette Tobler-Ammann

Physiotherapy and Occupational Therapy Research Center, Directorate of Research and Education University Hospital Zurich, Switzerland

10 minutes

A-0419 Is task-oriented training effective in the hand pain of rheumatoid arthritis?

Ömer Faruk Özçelep¹, Emine Işıl Üstün², Z. Candan Algin¹

¹ Istanbul Medipol University, Istanbul, Turkey; ² Bağcılar Education and Research Hospital, Istanbul, Turkey

0 minutes

A-0671 A randomized controlled trial comparing fascial manipulation with traditional physiotherapy for the treatment of trigger finger

Ori Firstater, Arnon Ravid, Yaakov Pizam, Sorin Daniel Iordache

"Clalit" Health Organization, Tel Aviv, Israel

10 minutes

A-0700 The Turkish version of the Movement Imagery Questionnaire-3: Its cultural adaptation and psychometric properties

Burcu Dilek¹, Cigdem Ayhan², Seval Tanrikulu³, Yavuz Yakut⁴

¹ Department of Physical Therapy and Rehabilitation, Istanbul Medipol University, Istanbul, Turkey ² Department of Physical Therapy and Rehabilitation, Hacettepe University, Ankara, Turkey ³ Department of Orthopedics and Traumatology, Numune Hospital, Ankara, Turkey ⁴

Department of Physical Therapy and Rehabilitation, Hasan Kalyoncu University, Gaziantep, Turkey

10 minutes

A-0549 Turkish Version of The Hand10 Questionnaire: Cross-Cultural Adaptation, Validation and Reliability

Nurten Gizem Tore, Zeynep Tuna, Ahmet Gokkurt, Oguzhan Mete, Baris Seven, Deran Oskay

Gazi University Faculty of Health Sciences Department of Physiotherapy and Rehabilitation, Turkey

10 minutes

A-0217 The skier's thumb: patient experiences of current splint provision and reflections on how it would feel if the splint-wearing regime was changed

Marjolein Wind^{1,2}

¹ Hand & Wrist Center Amsterdam The Netherlands ² 4hands, hand therapy practice Amsterdam The Netherlands

10 minutes

A-0457 Eccentric exercise training in chronic de Quervain's tendinosis: a pilot study

E.B. Veenker¹, S. Janse¹, A. Goos¹, G. Westdorp¹, F.J.B. Lötters², T.A.R. Schreuders^{1,2}

¹ Zeeuws Hand en Pols Centrum ² Hand en Pols Centrum Den Haag

10 minutes

Woodcast workshop

S092Friday, 23 June 2017 | 08:30 - 10:00 | Room 2

Orfit workshop

S093Friday, 23 June 2017 | 08:30 - 10:00 | Room 3

Distal Radius 2

S033 Free paper session

Friday, 23 June 2017 | 09:00 - 10:00 | Gold room

Chair: Balázs Lenkei, Viviana Maja Rosero

A-0409 Non displaced distal radial fractures in adult patients: Three weeks versus five weeks of cast immobilization

A. Bentohami¹, E.A.K. van Delft¹, N.L. Sosef¹, N. de Korte¹, J. Vermeulen¹, T.S.Bijlsma², J.C. Goslings³, N.W.L. Schep⁴

¹ Department of Surgery Spaarne Gasthuis, Hoofddorp, The Netherlands; ² Department of Surgery, Rode Kruis Hiospital, Beverwijk, The Netherlands; ³ Department of Surgery, Academic Medical Center, Amsterdam, The Netherlands; ⁴ Department of Surgery, Maastad Hospital, The Netherlands

6 minutes

A-0755 Comparison of pain in healthy weight and obese patients with distal radius fracture.

Dilara Onan¹, Ozgün Uysal¹, Numan Bulut¹, Yasin Tunc¹, Cigdem Ayhan¹, Tuzun Firat¹, Seval Tanrıku², Gursel Leblebicioglu³

¹ Hacettepe University, Faculty of Health Sciences, Physiotherapy and Rehabilitation Department, Ankara, Turkey; ² Ibni Sina Hospital, Orthopedics and Traumatology Department, Ankara, Turkey; ³ Hacettepe University, Faculty of Medicine, Orthopedics and Traumatology Department, Ankara, Turkey

6 minutes

A-0538 Strategic analysis of distal radius osteosynthesis since 2011: Evolution and novel algorithm of care

Jean Yves Beaulieu, Ergys Gjika

Geneva University Hospitals (HUG)

6 minutes

A-0129 Distal radius fracture patients over 70 years of age showed declined body balancing ability and osteoporosis

Koji Fujita¹, Hidetoshi Kaburagi¹, Akimoto Nimura², Takashi Miyamoto², Ryuichi Kato³, Atsushi Okawa¹

¹ Department of Orthopedic Surgery, Tokyo Medical and Dental University, Tokyo, Japan ²Dept. of Functional Joint Anatomy, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental Univ., Tokyo, Japan ³JA Kyosai Research Institute, Tokyo, Japan

6 minutes

A-0527 3D preoperative planning and patient specific instrumentation for treatment of intraarticular malunions of the distal radius

Andreas Schweizer, Philipp Fürnstahl

Universitätsklinik Balgrist, Zürich, Switzerland

6 minutes

A-0854 Comparison of Ultrasound and Fluoroscopy Evaluation of Dorsal Screw Prominence After Volar Distal Radius Plating

Fraser J. Leversedge¹, Ilvy H. Cotterell², Megan Crosmer¹, Brian Nickel¹, Marc Richard¹, Eric Angermeier³

¹ Department of Orthopaedic Surgery, Duke University; Durham, USA ² Department of Orthopaedic Surgery, Virginia Commonwealth University; Richmond, USA ³ Department of Orthopaedic Surgery, Medical University of South Carolina; Charleston, USA

6 minutes

Congenital Hand Surgery

S034 Instructional Course session

Friday, 23 June 2017 | 09:00 - 10:00 | Yellow room

Chair: **Türker Özkan, Brid Crowley**

A-1036 Introduction

Türker Özkan, Brid Crowley

Turkey, Ireland

5 minutes

A-1037 Paediatric trigger thumb

Jihyeung Kim

South Korea

8 minutes

A-1038 Syndactyly surgery

Anna Watson

UK

8 minutes

A-1039 Reconstruction of the hypoplastic thumb

Konrad Mende

Australia

8 minutes

A-1040 Pollicisation of the hypoplastic thumb

Pratik Rastogi

8 minutes

A-1041 Management of radial longitudinal deficiency

George Murphy

UK

8 minutes

A-1042 Comments

Karl-Joseph Prommersberger

Germany

10 minutes

Dupuytren

S035 Free paper session

Friday, 23 June 2017 | 09:00 - 10:00 | Orange room

Chair: László Egri, David Warwick

A-0703 Hand and wrist reconstruction in sclerodermic patients; a systematic review

Olga Politikou, Thomas Giesen, Maurizio Calcagni

Division of Plastic Surgery and Hand Surgery, University Hospital, Zürich, Switzerland

6 minutes

A-0877 Dupuytren Disease – Risk Factors Associations

Filipa Oliveira, Vera Resende, Artur Neto, Pedro Atilano Carvalho, António Miranda

Centro Hospitalar de Entre Douro e Vouga, Portugal

6 minutes

A-0006 IL-33 is a novel therapeutic target in Dupuytren's disease

David Izadi, Lynn Williams, Fiona McCann, Marisa Cabrita, Ana Espirito-Santo, Marc Feldmann, Kim Midwood, Jagdeep Nanchahal

Kennedy Institute of Rheumatology, University of Oxford, UK

6 minutes

A-0110 Comparison of treatment outcome after collagenase and needle fasciotomy for Dupuytren contracture – a randomized, single-blinded, clinical trial with a one-year follow up

Joakim Stromberg ^{1,2}, Allan Ibsen-Sørensen ¹, Jan Fridén ^{1,2}

¹ Department of Hand Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden; ² Centre for Advanced Reconstruction of Extremities, Sahlgrenska University Hospital, Mölndal, Sweden

6 minutes

A-0007 The indications, operative technique and outcomes for 267 dermofasciectomy with advanced Dupuytren's disease

Alexander Armstrong, Frank Acquaah, Cathy Kirby, Helet Kuhn, Ankur Panda

Department of Plastic Surgery, Queen Alexandra Hospital, Portsmouth, UK

6 minutes

A-0316 The ability of URAM and MHQ to measure Dupuytren disease progression

Dieuwke C. Broekstra ¹, Edwin R. van den Heuvel ², Rosanne Lanting ^{1,3}, Paul M.N. Werker ¹

¹ University of Groningen, University Medical Center Groningen, Department of Plastic Surgery, Groningen, the Netherlands ² Eindhoven University of Technology, Department of Mathematics and Computer Science, Eindhoven, the Netherlands ³ Martini Hospital, Department of Surgery, Groningen, the Netherlands

6 minutes

Brachial plexus 2

S036 Free paper session

Friday, 23 June 2017 | 09:00 - 10:00 | Green room

Chair: Francisco Soldado, János Aurél Simonka

A-0655 A new test for the evaluation of shoulder elevation in children with obstetrical brachial plexus injury: Preliminary kinematic analysis of the "Stick Test"

Cigdem Ayhan¹, Yasin Tunc¹, Elif Turgut¹, Tuzun Firat¹, Volga Bayrakci Tunay¹, Gursel Leblebicioglu²

¹ Hacettepe University, Faculty of Health Sciences, Physiotherapy and Rehabilitation Department, Ankara, Turkey; ² Hacettepe University, Faculty of Medicine, Orthopedics and Traumatology Department, Ankara, Turkey

6 minutes

A-0833 Should the Oberlin procedure be considered as a viable option for biceps reinnervation in long standing partial brachial plexus injuries? Retrospective comparative study with patients operated before and after 12 months of injury

Alvaro Baik Cho^{1,2}, Carlos Henrique Vieira Ferreira², Fernando Towata², Gabriel da Costa Almeida², Andresa Ramires Hoshino Ferreira², Leandro Yoshinobu Kiyohara^{1,2}, Luiz Sorrenti^{1,2}

¹ Instituto de Ortopedia e Traumatologia da Faculdade de Medicina da Universidade São Paulo, São Paulo, Brazil; ² Hospital Estadual Mário Covas da Faculdade de Medicina do ABC, Santo André, São Paulo, Brazil

6 minutes

A-0340 Direct nerve sutures in upper obstetric brachial plexus repair

J. Bahm, S. Bouslama, S. Vossen

Euregio Reconstructive Microsurgery Unit Franziskushospital Aachen, Germany

6 minutes

A-0237 Spinal accessory nerve repair using a direct intraplexal fascicular transfer: a retrospective case series with 2 years follow-up

Adeline Cambon-Binder^{1,2}, Lynda Preure³, Zoubir Belkheyar⁴

¹ Saint-Antoine Hospital, Paris, France. ² Université Pierre et Marie Curie Paris 6, Paris, France. ³ Hôpital Simone Veil, Eaubonne, France. ⁴ Clinique du Mont Louis, Paris, France.

6 minutes

A-0336 Ulnar head hypoplasia and DRUJ dislocation in children suffering from obstetric brachial plexus palsy

Jörg Bahm¹, Sarra Bouslama¹, Sandra Vossen¹, Jonny K Andersson²

¹ Euregio Reconstructive Surgery Unit, Franziskushospital Aachen, Germany; ² Dept of Hand Surgery, Sahlgrenska University Hospital and Sahlgrenska Academy, University of Gothenburg, Sweden

6 minutes

A-0215 Restoration of Pronation and Radial deviation in Obstetric Brachial Plexus Palsy Patients with a New Procedure: The Ozkan's Switch Technique

Turker Ozkan, H. Utkan Aydin, Omer Berköz, Safiye Ozkan, Erol Kozanoglu

Istanbul University, Istanbul Faculty of Medicine, Dept. of Plastic, Reconstructive and Aesthetic Surgery, Hand Surgery Unit

6 minutes

A-0194 Restoration of thumb opposition after brachial plexus injuries

Sergii Tymoshenko, Andrii Lysak, Artur Bezuhlyi, Ihor Gayovich

State institution "Institute of Traumatology and Orthopedics NAMS Ukraine", Kyiv, Ukraine

6 minutes

Hand Surgery in South Korea

S037 Special session

Friday, 23 June 2017 | 09:00 - 10:00 | Red room

Chair: Goo Hyun Baek, Sung Tack Kwon

A-0964 History and development of the KSSH

Goo Hyun Baek

South Korea

6 minutes

A-0965 Toe to thumb transfer

Woo Sang Hyun

South Korea

6 minutes

A-0966 Machine-Nerve interface

Jong Woong Park

South Korea

6 minutes

A-0967 Present and future of microsurgery in Korea

Jin Soo Kim

South Korea

6 minutes

A-0968 New strategic treatment algorithm for the acute unstable elbow dislocation based on a new concept

In Hyeok Rhyou

South Korea

6 minutes

A-0969 Bone and muscle evaluation in patients with a wrist fracture

Hyun Sik Gong

South Korea

6 minutes

Hand and differences in treatment

S091 Free paper session

Friday, 23 June 2017 | 09:30 - 10:00 | Room 1

Comparison of outcomes following nerve transfers versus nerve grafting

S038 Instructional Course session

Friday, 23 June 2017 | 10:30 - 11:15 | Gold room

Chair: Pierluigi Tos

A-1043 Introduction

Francisco Soldado

Spain

5 minutes

A-1044 Methods

Egemen Ayhan

Turkey

15 minutes

A-1045 Results and Discussion

Francisco Soldado

Spain

10 minutes

A-1046 Comments

Jörg Bahm

Germany

10 minutes

Journal of Hand Surgery (European) - Top 5 most downloaded papers

S039 Special session

Friday, 23 June 2017 | 10:30 - 12:00 | Yellow room

Chair: Gürsel Leblebicioğlu

A-0982 Basic statistics of the journal

Gürsel Leblebicioğlu

Turkey

10 minutes

A-0983 Top 5 most downloaded papers

Gürsel Leblebicioğlu

Turkey

1. Functional outcome and complications following surgery for Dupuytren's disease: a multi-centre cross-sectional study by J. N. Rodrigues
2. Does sensory relearning improve tactile function after carpal tunnel decompression? A pragmatic, assessor-blinded, randomized clinical trial by C. Jerosch-Herold
3. Grip Strength and Forearm Circumference in a Healthy Population by R. E. Anakwe
4. Predictors of outcome after primary flexor tendon repair in zone 1, 2 and 3 by I. Z. Rigo
5. Intramedullary headless screw fixation for fractures of the proximal and middle phalanges in the digits of the hand: a review of 31 consecutive fractures by T. Giesen

40 minutes

A-0984 Presentation of the cover figures, introduction of the artist

Martin Langer

Germany

5 minutes

A-0985 Lecture of the Editor-in-Chief

Jin Bo Tang

China

10 minutes

A-1076 Clarity and brevity. Writing an article for this journal

Geoffrey Hooper

UK

15 minutes

CMC 1

S040 Free paper session

Friday, 23 June 2017 | 10:30 - 12:00 | Orange room

Chair: Nadine Hollevoet, Tamás Szabó

A-0488 Outcome of conservative treatment for carpometacarpal osteoarthritis: A prospective cohort study

J. Tsehaie¹, K.R. Spekreijse^{1,3}, R.M. Wouters⁴, H.P. Slijper³, R. Feitz³, S.E.R. Hovius¹, R.W. Selles^{1,2}

¹ Dept. of Plastic, Reconstructive and Hand Surgery, Erasmus Medical Center Rotterdam, the Netherlands; ² Dept. of Rehabilitation, Erasmus Medical Center Rotterdam, the Netherlands; ³ Dept. of Plastic, Reconstructive and Hand Surgery, Xpert Clinic Hilversum, the Netherlands; ⁴ Handtherapie Nederland, the Netherlands

6 minutes

A-0489 Predicting outcome after conservative treatment for carpometacarpal osteoarthritis; a prospective study

J. Tsehaie¹, K.R. Spekreijse^{1,3}, R.M. Wouters⁴, H.P. Slijper³, R. Feitz³, S.E.R. Hovius¹, R.W. Selles^{1,2}

¹ Dept. of Plastic, Reconstructive and Hand Surgery, Erasmus Medical Center Rotterdam, the Netherlands; ² Dept. of Rehabilitation, Erasmus Medical Center Rotterdam, the Netherlands; ³ Dept. of Plastic, Reconstructive and Hand Surgery, Xpert Clinic Hilversum, the Netherlands; ⁴ Handtherapie Nederland, the Netherlands

6 minutes

A-0606 Functional outcomes of two different surgery procedures and conservative treatment in patients with Thumb CMC joint osteoarthritis

Freek Lötters, Laura Meuwissen, Ton Schreuders

Hand and Wrist Center Dordrecht, The Netherlands

6 minutes

A-0187 Autologous fat injection for osteoarthritis of the thumb – long-term results of 60 patients

Elisabeth M. Haas¹, Elias Volkmer², Angelika Eisele³, Andreas Arnoldi⁴, Marco Paolini⁵, Riccardo E. Giunta⁶

Hand, Plastic and Aesthetic Surgery, Ludwig-Maximilians-University Munich, Germany (1,2,5) Institute for Clinical Radiology, Ludwig-Maximilians-University Munich, Germany (4,5) Department of Medical Informatics, Biometry and Epidemiology (IBE), Ludwig-Maximilians-University Munich, Germany³

6 minutes

A-0042 Joint distraction for thumb carpometacarpal osteoarthritis: a feasibility study with 2-years follow-up

Anne J. Spaans^{1,2}, L. Paul van Minnen³, Assa Braakenburg¹, Aebele B. Mink van der Molen^{1,2}

¹ Department of Plastic and Hand Surgery, St Antonius Hospital Nieuwegein/Utrecht, The Netherlands ² Department of Plastic, Reconstructive and Hand Surgery, Universital Medical Center Utrecht, The Netherlands ³ Department of Plastic Surgery, Royal Adelaide Hospital, Adelaide, Australia

6 minutes

A-0629 Treatment of osteoarthritis of the trapeziometacarpal joint with interposition of synthetic materials. A review of the literature

Nadine Hollevoet

Ghent University Hospital, Belgium

6 minutes

A-0739 Abductor pollicis longus compared to flexor carpi radialis ligamentoplasty in treatment of advanced degenerative arthritis of the first carpometacarpal joint

Predrag Nedeljkovic¹, Violeta Bascarevic¹, Nikola Ostojic²

¹ Institute for orthopedic diseases Banjica, Belgrade, Serbia; ² Medical Military Academy, Belgrade, Serbia

6 minutes

A-0971 Habitually overnight immobilization as a single therapy significantly improves the clinical symptoms, functionality of hand and the life quality of patients with CMC osteoarthritis

G. László¹, J. Fűrész¹, S. Sandra¹, K. Bolla²

¹ Medical Centre, Hungarian Defence Forces; ² Chrisofix Ltd

0 minutes

A-0095 Ligament reconstruction suspension arthroplasty using double palmaris longus tendon graft with Mini TightRope for advanced thumb trapeziometacarpal joint arthritis

Osamu Soejima

Fukuoka Sanno Hospital, International University of Health and Welfare, Fukuoka, Japan

6 minutes

A-0113 Mean 5-Year Follow-Up for Suture Button Suspensionplasty in the Treatment of Thumb Carpometacarpal Joint Osteoarthritis

Jeffrey Yao, Andre Cheah

Stanford University Medical Center Palo Alto, CA USA

6 minutes

A-0300 Decision making in treatment of patient with Thumb CMC-Joint Osteoarthritis. A pilot study.

Freek Lötters, Laura Meuwissen, Ton Schreuders

Hand and Wrist Center Dordrecht, the Netherlands.

6 minutes

A-0226 Trapeziectomy with and without Ligament Reconstruction and Tendon Interposition – a randomized controlled trial

Terese Aglen¹, Eivind Strandenes¹, Liv Inger Strand²

¹ Haukeland University Hospital, Bergen, Norway ² Institute for global health and community medicine, The University of Bergen, Norway

6 minutes

Nerves 1

S041 Free paper session

Friday, 23 June 2017 | 10:30 - 12:00 | Green room

Chair: Franco Bassetto, Yang-Guk Chung

A-0023 The Efficacy of a Scaffold-free Bio 3D Conduit on Peripheral Nerve Regeneration in a Rat Sciatic Nerve Model

Hirofumi Yurie¹, Ryosuke Ikeguchi¹, Tomoki Aoyama², Mai Tanaka², Junichi Tajino², Yukitoshi Kaizawa¹, Souichi Ohta¹, Hiroki Oda¹, Hisataka Takeuchi¹, Shizuka Akieda⁴, Manami Tsuji⁴, Koichi Nakayama³, Shuichi Matsuda¹

¹ Department of Orthopaedic Surgery, Graduate School of Medicine, Kyoto University, Kyoto Prefecture, Japan; ² Department of Physical Therapy, Human Health Sciences, Graduate School of Medicine, Kyoto University, Kyoto Prefecture, Japan; ³ Department of Regenerative Medicine and Biomedical Engineering Faculty of Medicine, Saga University, Saga, Japan; ⁴ Cyfuse Biomedical K.K., Tokyo, Japan

6 minutes

A-0285 Jabaley epineurial splint technique versus conventional fascicular group neurography in distal median and ulnar nerves reconstruction

Teodor Stamate¹, Radu Budurca¹, Mariana Stamate², Gabriel Mazilu¹, Ionut Topa¹

¹ University of Medicine and Pharmacy "Gr.T.Popa" IASI, Romania; ² Laboratory of Neurophysiology – Neurosurgery Hospital, IASI, Romania

6 minutes

A-0303 Acceleration of peripheral nerve regeneration using nerve conduits in combination with induced pluripotent stem cell technology in aged mice

Takuya Yokoi¹, Takuya Uemura¹, Kiyohito Takamatsu², Kosuke Shintani¹, Ema Onode¹, Mitsuhiro Okada¹, Hiroaki Nakamura¹

¹ The Department of Orthopaedic Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan ² The Department of Orthopaedic Surgery, Yodogawa Christian Hospital, Osaka, Japan

6 minutes

A-0568 The Effect of Low dose of FK506 on Motor Nerve Regeneration After Cold- and Cryo-preserved Nerve Allograft

Jong-Pil Kim, Sung-Bae Park, Seung-Sik Choi

Department of Orthopedic Surgery, College of Medicine; and Department of Kinesiology and Medical Science, Graduate School, Dankook University, Cheonan, Korea

6 minutes

A-0227 Comparison of the Regeneration of Nerve Allograft with or without Chondroitinase

Jin-Hyung Im, Hanvit Kang, Eun-Young Shin, Myung-Gyu Lee, Joo-Yup Lee, Yang-Guk Chung

Department of Orthopedic Surgery, the Catholic University of Korea

6 minutes

A-0903 Adsorbable adhesion barrier gel (Dynavisc®) for sciatic nerve regeneration of the mouse compared with carbon nanotubes (CNT) – enriched biomaterials

Federico Maria Larcher, Cesare Tiengo, Andrea Monticelli, Alex Pontini, Enzo Menna, Nicola Vicentini, Franco Bassetto

UOC Plastic and Reconstructive surgery Department, Padova, Italy

6 minutes

A-0866 Use of human fat grafting in the prevention of perineural adherence: experimental study in athymic mouse

Alessandro Crosio¹, Mario Cherubino², Igor Pellegatta², Luigi Valdatta², Stefano Geuna³, Pierluigi Tos⁴

¹ Hand Surgery Department, CTO Hospital Turin, Italy; ² Plastic Surgery Unit, Insubria/Varese Hospital, Italy; ³ Department of Clinical and Biological Sciences, University of Turin, Italy; ⁴ Hand Surgery Department, Ospedale Gaetano Pini, Milan, Italy

6 minutes

A-0660 Application of Epineural Sheath Jacket Prevents Neuroma Formation in the Rat Sciatic Nerve Model

Maria Siemionow^{1,3}, Adam Bobkiewicz^{2,3}, Joanna Cwykiel^{1,3}, Safak Uygur^{1,3}, Wojciech Francuzik⁴

¹ Department of Orthopaedics, University of Illinois at Chicago, Chicago, USA; ² Department of General Surgery, Gastroenterological Oncology and Endocrine Surgery Poznan University of Medical Sciences, Poland; ³ Department of Plastic Surgery, Cleveland Clinic, Cleveland, USA; ⁴ Department of Dermatology, Venerology and Allergology Charité - Universitätsmedizin Berlin

6 minutes

A-0675 Restoration of 6-cm Long Nerve Defects with Epineural Sheath Conduit in a Large Animal Model

Maria Siemionow^{1,2}, Joanna Cwykiel^{1,2}, Safak Uygur^{1,2}, Adam Bobkiewicz², Maria Madajka², Grzegorz Kwiecien², Can Oztürk², Miroslaw Lukaszuk², Jacek Szopinski²

¹ Department of Orthopaedics, University of Illinois at Chicago, Chicago, USA; ² Department of Plastic Surgery, Cleveland Clinic, Cleveland, USA

6 minutes

A-0796 Improving regeneration after nerve-transplantation: the impact of hypoxically preconditioned stem/precursor cells in a rat model

Elisabeth Maria Haas, Elias Volkmer, Maximilian Saller, Anita Beer, Julius Mayer, Christian Krug, Thomas Holzbach, Riccardo Giunta

LMU of Munich, Germany

6 minutes

A-0868 Use of chitosan conduit enriched by fresh muscle fibers to repair nerve gaps in animal model

Alessandro Crosio ¹, Giulia Ronchi ², Bendetta Elena Fornasari², Giovanna Gambarotta ², Stefano Geuna ², Pierluigi Tos ³

¹ Hand Surgery Department - CTO Hospital Turin - Italy ² Department of Clinical and Biological Sciences - University of Turin - Italy ³ Hand Surgery Department - Gaetano Pini Hospital - Milan - Italy

6 minutes

Hand Fracture

S042 Free paper session

Friday, 23 June 2017 | 10:30 - 12:00 | Red room

Chair: Fernando Silva Cruz

A-0051 Comparative experimental study of tensile strength in 3 operative technique for Korean adult metacarpal shaft fracture. A cadaver study

Jin-Rok Oh, Jun-Seop Yeom

Department of Orthopaedic surgery, Wonju Severance Christian Hospital, 20 Ilsan-ro, Wonju 26426, Korea

6 minutes

A-0103 In vivo three-dimensional analysis of malunited forearm diaphyseal fractures with restriction of forearm rotation

Shingo Abe, Oka Kunihiro, Atsuo Shigi, Satoshi Miyamura, Hiroyuki Tanaka, Tsuyoshi Murase

Orthopaedic Surgery of Osaka University, Osaka, Japan

6 minutes

A-0665 Comparative study of K-wires Kapanji procedure and plate osteosynthesis for proximal extra-articular fractures of the first metacarpal

Tristan Pollon, Stéphanie Delclaux, Pierre Mansat, Michel Rongièrès, Nicolas Bonnevalle, Amélie Faraud, Julie Lebon

Hôpital Purpan, Toulouse, France

6 minutes

A-0115 A Biomechanical Analysis of Two Constructs for Metacarpal Spiral Fracture Fixation in a Cadaver Model: Two Large Screws Versus Three Small Screws

Andre Cheah, Gareth Comer, Jeffrey Yao

Stanford University Medical Center Palo Alto, CA USA

6 minutes

A-0126 Transverse and short oblique metacarpal fractures: outcomes of retrograde cannulated headless screw fixation.

Violeta Levy, Marcelo Mazzola, Martin Gonzalez, Federico Calacou

Hospital Español de Buenos Aires, Argentina

6 minutes

A-0513 Fixation of Closed Proximal Phalangeal Fractures

Orazio Di Bartolo, Shirley Collocott, Wolfgang Heiss-Dunlop

Auckland Regional Centre for Plastic, Reconstructive and Hand Surgery, Counties Manukau Health, Middlemore Hospital, Auckland, New Zealand

6 minutes

A-0039 K wires - To bury or not to bury

Khalid Z Qureshi, Mariana Mykytow, Manish Gupta

University Hospital Birmingham, UK

6 minutes

A-0438 Buddy taping versus splint immobilization for pediatric finger fractures: A randomized controlled clinical study

Daniel M. Weber¹, Markus Kalisch², Michelle Seiler³, Robert Weil¹

¹ Division of Hand Surgery, Department of Pediatric Surgery, University Children's Hospital, Zurich, Switzerland; ² Seminar for Statistics, ETH Zurich, Zurich, Switzerland; ³ Division of Emergency Medicine, Department of Pediatrics, University Children's Hospital, Zurich, Switzerland

6 minutes

A-0779 Olecranon osteotomy with hinge external fixator for complex cases of old unreduced elbow dislocations.

Reza Shahryar Kamrani

Tehran University of Medical Sciences

6 minutes

A-0570 Corrective Osteotomy for Malunited Diaphyseal Forearm Fractures using Preoperative 3D Planning and Patient-specific Surgical Guides

Lucas Walschot¹, Mieke Van Haver², Veronique Bertrand³, Frederik Verstreken¹

¹ Monica Hospital, Department of Orthopedic Surgery, Antwerp, Belgium; ² More Institute, Antwerp, Belgium; ³ More Foundation, Antwerp, Belgium

6 minutes

A-0057 Plate osteosynthesis of proximal ulna fractures – a biomechanical micromotion analysis

Michael Hackl^{1,2,3}, Katharina Mayer⁴, Mareike Weber⁴, Manfred Staat⁴, Roger van Riet⁵, Klaus Josef Burkhart⁶, Lars Peter Müller^{1,2}, Kilian Wegmann^{1,2}

¹ Center for Orthopedic and Trauma Surgery, University Medical Center, Cologne, Germany ² Cologne Center for Musculoskeletal Biomechanics, Medical Faculty, University of Cologne, Cologne, Germany ³ Institute of Anatomy I, University of Cologne, Cologne, Germany ⁴ Institute of Bioengineering, Aachen University of Applied Sciences, Jülich, Germany ⁵ Department of Orthopedic Surgery, Monica Hospital, Antwerp, Belgium ⁶ Department of Shoulder and Elbow Surgery, ARCUS Sportklinik, Pforzheim, Germany

6 minutes

Social Media Workshop

S111 Special session

Friday, 23 June 2017 | 10:30 - 11:00 | White room

Chair: Giorgio Pivato

Focus session: Cold intolerance

S094 Special session

Friday, 23 June 2017 | 10:30 - 12:00 | Kupola room

Chair: **Tone Vaksvik, Nicole Grünert-Plüss**

A-1001 Cold Hypersensitivity: A Hand Surgeon's Perspective

Patrick Harenberg, JJoerg Gruenert

Kantonsspital St.Gallen, Switzerland

10 minutes

A-1002 McCabe Cold Sensitivity Severity scale (CSS) and the Cold Intolerance Symptom Severity (CISS) questionnaire: Experiences and reflections

Tone Vaksvik

Oslo University Hospital, Norway

10 minutes

A-1003 The cold intolerance questionnaire (CIQ) and intolerance assessment in medico-legal practice

Harry Belcher

Horder Centre, Kent, UK

10 minutes

A-1004 Mirror therapy and electro therapy in the treatment of cold hypersensitivity. Rational for effects and experiences from clinical practise

Nicole Grünert-Plüss

Kantonsspital St.Gallen, Switzerland

10 minutes

A-1005 A behavioural home-treatment program for treatment of cold hypersensitivity in patients with hand injuries. Results and experiences from a case series of 20 patients

Tone Vaksvik ¹, Magne Røkkum ¹, Aleid Ruijs ², Inger Holm ¹

¹ Oslo University Hospital, Norway, ² Hospital Notre Dame, CHWAPI, Tournai, Belgium

10 minutes

Hannu Luomajoki Pain mechanisms

S095 Friday, 23 June 2017 | 10:30 - 11:00 | Room 1

Chair: Turid Aasheim, Gabriele Versümer

A-0992 Pain mechanisms – how to interpret the pain in the hand?

Hannu Luomajoki

Switzerland

0 minutes

Orfit Workshop

S097Friday, 23 June 2017 | 10:30 - 12:00 | Room 2

Woodcast Workshop

S096Friday, 23 June 2017 | 10:30 - 12:00 | Room 3

Hand and use of technology

S108 Free paper session

Friday, 23 June 2017 | 11:00 - 12:00 | Room 1

Chair: **Vicenc Punsola Izard, Karin de Boer**

A-0793 The Use of the Core Hand Exercise App - The future of exercise prescription.

Emma Bamford, Katie Horton, Gemma Johnson

Pulvertaft Hand Centre, Derby, UK

10 minutes

A-0394 Effectiveness of conventional hand rehabilitation with or without a telemedicine service on treatment frequency and hand function: a prospective cohort study

Cornelis Emmelot¹, Sander Brink¹, Marit Dekker-van Weering², Rita van Hoof-van Leussen¹, Renate Groote Schaarsberg¹

¹ Isala hospital Zwolle, The Netherlands ² Roessingh Research and Development Enschede, The Netherlands

10 minutes

A-0804 The efficacy of tele-rehabilitation intervention compared with traditional therapy after ORIF of elbow fractures

Naomi Mayer^{1,2}, Sigal Portnoy², Ram Palti¹, Yaffi Levanon^{1,2}

¹ Sheba medical center, Tel-Hashomer, Israel ² Tel-Aviv university, Ramat-Aviv, Tel-Aviv, Israel

10 minutes

A-0369 Hand rehabilitation with robotic orthoses

Gilberto Andres Gil Henao, Juan David Moreno Arango, José Fernando Gómez Rendón, Jimena Becerra Velasquez, Carlos Humberto Orozco Tellez

Foundation Biomedical Center Reserch in Manizales, Colombia

10 minutes

A-0243 Why minimalistic approach is the future of orthotic management in the upper extremity: An evidence-based experience

Silvio Tocco

Centro Riabilitativo della Mano e Arto Superiore (CRIMAS), Parma, Italy

10 minutes

EBHS Diploma Examination Lecture

S112 Special session

Friday, 23 June 2017 | 11:00 - 11:30 | White room

Chair: Martin Richter

Distal Radius Fractures

S106 Instructional Course session

Friday, 23 June 2017 | 11:15 - 12:00 | Gold room

Chair: Grey Giddins, Sait Ada

A-0267 Minimal clinically important difference of Patient-rated outcome instruments in distal radial fracture

Chang-Hun Lee¹, Hee-Soo Kim², Wan-Sun Choi³, Sung-Jae Kim⁴, Joo-Hak Kim⁵, Kwang-Hyun Lee²

¹ Department of Orthopaedic Surgery, Eulji Medical Center, Eulji University College of Medicine, South Korea; ² Department of Orthopaedic Surgery, Hanyang University College of Medicine, South Korea; ³ Department of Orthopaedic Surgery, Ajou University College of Medicine, South Korea; ⁴ Department of Orthopaedic Surgery, Dongtan Sacred Hospital, Hallym University College of Medicine, South Korea; ⁵ Department of Orthopaedic Surgery, Myongji General Hospital, Seonam University College of Medicine, South Korea

15 minutes

A-0923 Evidence Based Treatment of Distal Radius Fractures

Grey Giddins

UK

20 minutes

EWAS General Assembly

S063Friday, 23 June 2017 | 12:00 - 13:30 | White room

Advancing Solutions in Wrist Surgery

S101Friday, 23 June 2017 | 12:15 - 13:10 | Yellow room

CapFlex- PIP - Joining the PIP joint solution

S102 Friday, 23 June 2017 | 12:15 - 13:10 | Green room

Current concepts in hand and wrist management

S103 Friday, 23 June 2017 | 12:15 - 13:10 | Red room

TMC MAÏA™ IMPLANT, New approach of a verified concept

S104Friday, 23 June 2017 | 12:15 - 13:10 | White room

Outcome Measures

S043 Friday, 23 June 2017 | 13:30 - 15:00 | Gold room

A-1047 Core Measures for Measurement of wrist/hand outcomes

Joy MacDermid

Canada

20 minutes

A-1048 Performance Based Outcome Measures and Patient-reported Outcome Measures

Çigdem Öksüz

Turkey

20 minutes

A-1049 Closing the Loop; using outcome measurements for key insight in the quality of care of hand and wrist surgery

Harm Slijper

The Netherlands

15 minutes

A-0537 Routine outcome data collection in clinical practice using the Pulse system: the perspective from the hand therapist.

Yara van Kooij¹, Harm Slijper², Ruud Selles³

¹ Handtherapie Nederland, Utrecht, The Netherlands ² Xpert Clinic, Hilversum, The Netherlands ³ Department of Rehabilitation Medicine, Department of Plastic and Reconstructive Surgery and Hand Surgery, Erasmus MC Rotterdam, The Netherlands

0 minutes

A-1050 Routine outcome data collection in clinical practice: a surgeon perspective

Reinier Feitz

The Netherlands

10 minutes

Distal Ulna

S044 Free paper session

Friday, 23 June 2017 | 13:30 - 15:00 | Yellow room

Chair: Bruno Battiston, Michel Boeckstyns

A-0275 New classification on the configuration of the distal radioulnar joint in patients with ulnar impaction syndrome

Jihyeung Kim¹, Kee Jeong Bae¹, Hyun Sik Gong¹, Young Ho Lee¹, Hyoungmin Kim¹, Hyun Soo Park², Seung Bum Chae³, Goo Hyun Baek¹

¹ Department of orthopaedic Surgery, Seoul National University, college of medicine, Seoul, South Korea ² Department of orthopaedic Surgery, Haniil General Hospital, Seoul, South Korea ³ Department of orthopaedic Surgery, Daegu Catholic University Hospital, Daegu, South Korea

6 minutes

A-0685 Is open DRUJ reposition in pure neglected DRUJ dislocations the best, can we treat it by indirect manner?

Radek Kebrle, Alena Schmoranzova

UPCHR Vysoke nad Jizerou Czech Republic

6 minutes

A-0083 Influence of Radial Deviation Deformities in Distal Radius Fractures on Distal Radioulnar Joint Instability: a Cadaveric Biomechanical Study

Atsuo Shigi, Hisao Moritomo, Kanit Sananpanich, Jirachart Kraissarin, Shohei Omokawa, Tsuyoshi Murase

¹Department of Orthopaedic Surgery, Osaka University Graduate School of Medicine; ²Osaka Yukioka Medical University; ³Department of Orthopedics, Faculty of Medicine, Chiang Mai University; ⁴Department of Hand Surgery, Nara Medical University

6 minutes

A-0559 Triangular fibrocartilage complex lesions with distal radio ulnar joint instability: conservative management with an exercise program improves function and reduces surgical rate

EDJ Bonhof-Jansen¹, GJ Kroon¹, SM Brink², JH van Uchelen³

¹ European Certified Hand Therapists/Physical therapists, Isala Hand and Wrist Centre, department of Hand therapy, Zwolle, The Netherlands; ² Human movement scientist, Isala Hand and Wrist Centre, department of Rehabilitation Medicine, Zwolle, The Netherlands; ³ European Board Certified Hand Surgeon, Isala Hand- and Wrist Centre, department of Plastic and Reconstructive Surgery, Zwolle, The Netherlands

6 minutes

A-0463 The Role of the Central Band of the Interosseous Ligaments in Maintaining Ulnar Variance

Jorge L. Orbay¹, Fernando Levaró², Lauren Vernon¹, Michael Cronin³, Niurka Nunez⁴, Jorge Orbay Jr.⁵

¹ The Miami Hand & Upper Extremity Institute, Miami, FL, USA; ² Reconstructive Orthopedic Center of Houston, Houston, TX, USA; ³ Larkin Community Hospital, South Miami, FL, USA; ⁴ American University of the Caribbean School of Medicine, Cupecoy, Sint Maarten; ⁵ Columbia University, New York, NY, USA

6 minutes

A-0077 Lunate morphology as a risk factor of idiopathic ulnar impaction syndrome

Ji Hun Park, Dong Hee Kwak, Jong Woong Park

Korea University Anam Hospital, Seoul, South Korea

6 minutes

A-0625 Open versus arthroscopic re-insertion of the triangular fibrocartilage complex: A systematic review

Jonny K Andersson

Department of Hand Surgery, Sahlgrenska University Hospital, Göteborg and Department of Orthopaedics, Institute of Clinical Sciences, The Sahlgrenska Academy, University of Gothenburg, Göteborg, Sweden

6 minutes

A-0487 Ulnar Head Arthroplasty, short to long term results

Robert Gvozdenovic, Michel Boeckstyns

Gentofte Hospital, Copenhagen, Denmark

6 minutes

A-0141 Combined Remotion TWA and DRUJ hemi-arthroplasty

Michel E H Boeckstyns¹, Guillaume Herzberg², Søren Merser³, Philippe Liverneaux⁴, Laurent Obert⁵, Peter Axelsson⁶, Allan Ibsen⁶, Robert Gvozdenovic⁷

¹ CFR Hospitals, Hellerup, Denmark; ² Edouard Heriot Hospital, Lyon, France; ³ Statcom, Lyngby, Denmark; ⁴ Strasbourg University Hospital, France; ⁵ CHRU, Besançon, France; ⁶ Sahlgrenska Hospital, Sweden; ⁷ Gentofte Hospital, Hellerup, Denmark

6 minutes

A-0206 Rating of central lesions of the triangular fibrocartilage complex with respect to a traumatic or degenerative origin

Steffen Löw¹, Holger Erne², Thomas Pillukat³, Marion Mühldorfer-Fodor³, Frank Unglaub⁴, Christian K Spies⁴

¹ Section of Hand Surgery, Department of Orthopaedic and Trauma Surgery, Caritas-Krankenhaus Bad Mergentheim, Germany ² Department for Plastic Surgery and Hand Surgery, Klinikum rechts der Isar, Technische Universität München, Germany ³ Clinic for Hand Surgery, Rhön-Klinikum AG, Bad Neustadt/Saale, Germany ⁴ Department of Hand Surgery, Vulpius Clinic, Bad Rappenau, Germany

6 minutes

A-0835 Validation of wrist lateral radiographs - a new method using the ulnar styloid as reference structure of forearm rotation

(preliminary report)

Seung-Han Shin, Yong-Suk Lee, Jin-Woo Kang, Yang-Guk Chung

Department of Orthopedic Surgery, Seoul St. Mary's hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

6 minutes

CMC 2

S045 Free paper session

Friday, 23 June 2017 | 13:30 - 15:00 | Orange room

Chair: Massimo Ceruso, Jane Messina

A-0677 Long-term results of the ball and socked arthroplasty of the CMC joint are comparable to those of hip prostheses

Miguel Martin-Ferrero, Clarisa Simon, Belen García-Medrano, Aurelio Vega, Hector Aguado, Omar Faour-Martin, Agustin Mayo

Clinic Hospital, University of Valladolid, Valladolid, Spain

6 minutes

A-0172 Dual mobility trapezio-metacarpal implant: Principles and clinical series

Pascal Ledoux¹, Bruno Lussiez², Cyril Falaise³

¹ Clinique du parc, St-Sauve, France; ² IM2S, Monaco; ³ St-Etienne, France

6 minutes

A-0673 Short-term result of a pyrocarbon implant in the STT joint for osteoarthritis

Allan Ibsen Sørensen, Peter Axelsson, Jonny Andersson

Sahlgrenska University Hospital, Gothenburg, Sweden

6 minutes

A-0735 Long-term clinical and radiological results after treatment of basal joint osteoarthritis by swanson's trapezium implant arthroplasty

A. Arsalan-Werner, A. Zschöck-Holle, M. Dettmer, O. Wölflé, M. Sauerbier

BG Trauma Center Frankfurt, Germany

6 minutes

A-0159 The use of prosthesis in carpometacarpal osteoarthritis of the thumb - an international survey about the surgical treatment

Michael Cerny, Philipp Moog, Anna-Theresa Linseisen, Hans-Günther Machens, Holger Erne

Klinikum rechts der Isar, Munich, Germany

6 minutes

A-0431 Early Experience with a Stabilized Saddle Trapeziometacarpal Hemiarthroplasty

Jorge L. Orbay, Lauren L. Vernon

The Miami Hand & Upper Extremity Institute, Miami, FL, USA

6 minutes

A-0449 Scapho-metacarpal arthroplasty : 10 cases of trapezio-metacarpal prosthesis revision and failed trapeziectomy

leo Chiche¹, Herve Lamarre², Stephane Barbary³, Jacques Teissier¹

¹ Clinique Saint Jean, Montpellier, France ; ² Clinique Notre-Dame, Thionville, France; ³ Polyclinique de Gentilly, Nancy, France

6 minutes

A-0759 Survival analysis of the Elektra 1st CMCJ arthroplasty following a change in implant design.

Angus Maclean, Wahid Abdul, David Newington, Dougie Russell

Morrison Hospital, Swansea, UK

6 minutes

A-0719 Treatment of scaphoid-trapezium-trapezoid arthritis

Clarisa Simón Pérez, Gonzalo Humada Álvarez, Belen García Medrano, Blanca Ariño Palau, Fernando Moreno Mateo, Miguel Angel Martin Ferrero

Hospital Clinico Valladolid

6 minutes

A-0809 Autologous chondrocyte implant in the treatment of thumb CMC joint osteoarthritis

Jane C Messina, Ferruccio Torretta

Hand Surgery Unit, Gaetano Pini Orthopaedic Institute, Milano, Italy

6 minutes

A-0620 Long-term follow-up (more than 10 years) for rheumatoid arthritis patients in outcomes of metacarpophalangeal (MP) joint arthroplasty

Hiroyasu Ikegami, Shintaku Takanori, Shu Yoshizawa, Misato Sakamoto, Kayo Yamada, Yoshiro Musha, Takao Kaneko

Department of Orthopaedic Surgery, Toho University, Tokyo, Japan

6 minutes

Scaphoid

S046 Free paper session

Friday, 23 June 2017 | 13:30 - 15:00 | Green room

Chair: Giancarlo Caruso, Shai Luria

A-0842 Prospective study of 166 patients with waist and proximal pole fractures of scaphoid fixed by Herbert screw.

János Aurél Simonka

Department of Traumatology, University of Szeged, Hungary

6 minutes

A-0240 Percutaneous screw fixation in scaphoid fractures: a rational approach

Giancarlo Caruso¹, Laura Martini¹, Daniela Zani², Lorenzo Prezioso¹, Andrea Vitali¹

¹ Palagi Hospital, Hand Surgery Unit, Florence, Italy; ² Palagi Hospital, Upper Extremity Rehabilitation Service (GRASP), Florence, Italy

6 minutes

A-0173 Approach to the Fixation of a Scaphoid Waist Fracture, Perpendicular to the Fracture – Cadaver Model

Shai Luria¹, Samih Badir¹, Eran Peleg¹, Yonatan Schwarcz¹, Thanapong Waitayawinyu²

¹ Hadassah-Hebrew University Medical Center, Jerusalem, Israel; ² Thammasat University, Pathumthani, Thailand

6 minutes

A-0176 Non-vascularised iliac bone grafting for scaphoid nonunion with avascular necrosis

Jin Woo Park¹, Jihyeung Kim², Sehun Kim², Hyun Sik Gong³, Young Ho Lee², Goo Hyun Baek²

¹ Kangwon National University Hospital, South Korea; ² Seoul National University Hospital, South Korea; ³ Seoul National University Bundang Hospital, South Korea

6 minutes

A-0210 Role of 1,2 Inter-Compartmental Supra-Retinacular artery (1,2 ICSRA) vascularized bone grafting in scaphoid non-union and its correlation with Arterial Duplex scan

Terrence Jose Jerome

Olympia Hospital & Research Centre, Puthur, India

6 minutes

A-0069 Comparative Outcomes Analysis of Arthroscopic Versus Open Osteosynthesis for Unstable Scaphoid Nonunion

Won-Taek Oh, Yun-Rak Choi, Ho-Jung Kang, Il-Hyun Koh, Hae-Mo-Su An

Department of Orthopedic Surgery, Yonsei University College of Medicine, Seoul, South Korea.

6 minutes

A-0414 Clinical outcomes of scaphoid nonunions treated with headless compression screw and bone graft

Yong-Suk Lee, Yang-Guk Chung, Seung Han Shin, Jin-Woo Kang

Department of Orthopedic Surgery, Seoul St. Mary's hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

6 minutes

A-0730 Long term outcome of distal radius vascularized bone grafts for scaphoid non union reconstruction

Michelle Spiteri, Nicholas Riley, Ian McNab

Nuffield Orthopaedic Centre, Oxford University Hospital, UK

6 minutes

A-0542 Displaced Scaphoid fractures- Are they spontaneously reduced perilunate dislocations?

E Aldlyami, N Jovanovic, D Chatnynia, B Saraj, M Saidem, H Badawi, K Alawadi

Rashid Trauma Centre, Dubai, United Arab Emirates

6 minutes

A-0765 Arthroscopic treatment of Scaphoid nonunions – Is this better than open ?

Fernando Cruz¹, Sílvia Silvério¹, Leonor Fernandes²

¹ Hospital dos Lusíadas, Lisboa, Portugal; ² Hospital dos Lusíadas / Centro Hospitalar do Oeste, Torres Vedras, Portugal

0 minutes

Fingertip Reconstruction

S047 Free paper session

Friday, 23 June 2017 | 13:30 - 15:00 | Red room

Chair: Herman Krimmer, Ferenc Tóth

A-0545 Comparative study of clinical and cosmetically outcomes of reverse flow homodigital artery and innervated homodigital artery perforator flap for fingertip reconstruction.

Mehmet Ali Acar¹, Ihsan Ozdamar², Fatih Durgut¹, Ali Gulec¹, Ali Ozdemir¹

¹ Medical School of Selcuk University Konya, Turkey; ² Numune State Hospital, Konya, Turkey

6 minutes

A-0377 Serial Stab Incision Venous Drainage Technique in Fingertip Replantation

Dong Hee Kim¹, Kyu Bum Seo², Jung Kyu Hong³, Sang Hyun Lee³

¹ Department of Orthopaedic Surgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, South Korea; ² Department of Orthopedic Surgery, College of Medicine, Jeju National University, Jeju, South Korea; ³ Department of Orthopaedic Surgery, Medical Research Institute, Pusan National University Hospital, South Korea

6 minutes

A-0479 Finger-Tip replantation at the nail level using of arch elevation method

Sang Hyun Lee, Sung Min Hong, Sung Jin An, Hee Jin Lee

Pusan national university Hospital, Pusan, South Korea

6 minutes

A-0528 Factors affecting composite graft outcomes in digital tip amputation

Ja Hea Gu, Jae Doo Joo, Dong Hee Kang

Dankook University Hospital, Cheonan, South Korea

6 minutes

A-0331 Composite fingertip grafts in children – The Newcastle experience

Christopher Lewis, Talia Banks, Brid Crowley, Sahan Rannan-Eliya

Royal Victoria Infirmary, Newcastle upon Tyne, UK

6 minutes

A-0546 Nail phalanx reconstruction after bone tumors resection

Teodor Stamate^{1,2}, Andrei Lazar², Radu Budurca², Gabriel Mazilu², Ionut Topa², Ionut Atanasoae^{1,2}

¹ University of Medicine and Pharmacy “Gr.T.Popa” IASI, Romania; ² Emergency Hospital “St. Spiridon” Plastic and Reconstructive Surgery Clinic, IASI, Romania

6 minutes

A-0627 Short Nail Matrix Remnant Resurfacing with Dorsal Deepithelised VY-plasty

Mala Satku, Lam Chuan Teoh

Division of Hand and Microsurgery, Department of Orthopaedic Surgery, Tan Tock Seng Hospital, Singapore

6 minutes

A-0724 Prevention of Nail bed injuries will help meet the Millennium Development Goals

A. De Leo, A. H. Sadr, Y. Al Ajam, A. Pau, J. Wormald, C. Brewster, B. Jemec

Royal Free Hospital NHS Foundation Trust

6 minutes

A-0294 Spontaneous healing of fingertip amputations under IV 3000 semi-occlusive dressing

Vladislav Gyebnar¹, Mihaela Mastacaneanu³, Jacques Donatien³, Amina Shammam¹, Sybille Mbuligwe Human⁴, Zorin Crainiceanu^{1,2}

¹ Plastic Surgery Department, Casa Austria, University Emergency County Hospital, Timisoara, Romania ² University of Medicine and Pharmacy Victor Babes Timisoara, Romania ³ SOS Main, Centre Hospitalier Universitaire Martinique, France ⁴ Ortopedi mottagning, Mälarsjukhuset, Eskilstuna, Sweden

6 minutes

A-0539 Reconstruction of fingertips with a composite artificial skeleton and island flap

Thomas Giesen, Mathias Häfeli, Pietro Giovanoli, Maurizio Calcagni

University Hospital Zurich, Zurich, Switzerland

6 minutes

A-0368 Current methods, survival rates and influencing factors of distal replantation in 31 fingers

Jing Chen, Jun Tan, Qingzhong Chen, Jin Bo Tang

Jiangsu Medical Research Center, Nantong, Jiangsu, China

6 minutes

Complex problems in distal radius fractures

S048 Special session

Friday, 23 June 2017 | 15:30 - 16:30 | Gold room

Chair: **Diego L. Fernandez**

A-0925 The management of difficult articular fractures including the volar-ulnar fragment

Jorge L. Orbay

USA

13 minutes

A-0929 Management of associated Scapholunate ligament injuries

Marc Garcia Elias

Spain

13 minutes

A-0928 The problem DRUJ

Diego Fernandez

Switzerland

13 minutes

A-0927 Tendon problems with ORIF of distal radius fractures

Alex Lluch

Spain

13 minutes

A-0926 Management of intra-articular malunion and bone loss

Francisco del Piñal

Spain

13 minutes

A-0930 Management of Wrist Pain following distal radius fractures. Role of wrist arthroscopy

PC Ho

Hong Kong

13 minutes

Treatment of CRPS, Pain

S049 Friday, 23 June 2017 | 15:30 - 16:30 | Yellow room

Chair: Turid Aasheim, Grey Giddins

A-1077 CRPS treatment. A systematic review

Andrzej Zyluk

Poland

15 minutes

A-1085 Comments on "CRPS treatment. A systematic review"

Grey Giddins

UK

0 minutes

A-1078 Phantom sensations, body awareness and pain in the hand

Hannu Luomajoki

Switzerland

15 minutes

Practical details about performing wide awake hand surgery

S050 Special session

Friday, 23 June 2017 | 15:30 - 16:30 | Orange room

Chair: Donald Lalonde

A-0977 Introduction and Cost implications

Raja Sabapathy

India

6 minutes

A-0978 Details of Distal radius fracture WALANT reduction

Gilles Candelier

France

8 minutes

A-0979 Details of WALANT wide-awake flexor tendon repair, nerve repair and nerve decompression

Jin Bo Tang

China

15 minutes

A-0980 Lessons learned in our first 250 cases of WALANT

Andreas Gohritz

Switzerland

8 minutes

A-0981 Details of minimal pain efficient safe local injection, trapeziectomy, tendon transfer, and other procedures

Don Lalonde

Canada

15 minutes

Outcomes 5

S051 Free paper session

Friday, 23 June 2017 | 15:30 - 16:30 | Green room

Chair: Jonathan Hobby, Piotr Czarnecki

A-0471 Terrible triad injury of the elbow. Clinical outcome of 29 patients

Panayiotis D. Megaloikonomos¹, Panagiotis Kanellos², Ioannis Galanopoulos¹, Dimitrios Mantakos², Panayiotis Mantzanas², Emmanouil Fandridis², Filippou Giannoulis², Sarantis Spyridonos²

¹ First Department of Orthopaedics, National and Kapodistrian University of Athens, Athens, Greece (2) Department of Hand and Upper Extremity Surgery and Microsurgery, KAT Hospital, Athens, Greece

6 minutes

A-0260 Clinical outcomes of reconstruction of distal biceps tendon rupture with the use of two anchors and mini open surgical approach.

Konstantinos Tolis¹, Emmanouil Fandridis¹, Konstantinos Soultanis², Ioannis Triantafyllopoulos³, Sarantis Spyridonos¹

¹ Hand surgery/Upper limb and Microsurgery Department, General Hospital KAT, Athens, Greece ² 1st University Orthopedic Department, University Hospital ATTIKON, Athens, Greece ³ Laboratory for the Research of Musculoskeletal Disorders, Medical School of Kapodestrian University Athens, General Hospital KAT, Athens, Greece

6 minutes

A-0761 Isotonic evaluation of tennis elbow operative treatment

Marta Jokiel¹, Jakub Aleksinski², Piotr Czarnecki¹, Leszek Romanowski¹

¹ Orthopaedic, Traumatology and Hand Surgery Department Poznan University of Medical Sciences ² University of Medical Sciences

6 minutes

A-0417 An Audit of Pain Scores in Patients with Depression and Anxiety Undergoing Hand Surgery

Katerina Hatzantoni, Ibrahim Roushdi, Christopher Bainbridge

Pulvertaft Hand Unit, Royal Derby Hospital, Derby, United Kingdom.

6 minutes

A-0201 Effective Hand & Upper Extremity Treatments for Performing Artists and Musicians: Identifying Evidence Based Research

Forrest A. Brooks¹, Kimberly Goldie Staines², Stacey Gorniak³, Evan D. Collins¹

¹ Houston Methodist Hospital - Houston, Texas; ² Michael E DeBakey VA Medical Center - Houston, Texas; ³ University of Houston - Houston, Texas

6 minutes

A-0084 Psychometric evaluation of a new patient-reported outcome measure for nerve disorders of the hand - the Impact of Hand Nerve Disorders (I-HaND ©) Scale

Mark Ashwood, Christina Jerosch-Herold, Lee Shepstone

University of East Anglia, Norwich, UK

6 minutes

A-0607 Correlations between patient rated questionnaires and clinicians' objective measurements in rheumatoid hand: Preliminary results

Oguzhan Mete¹, Gizem Tore¹, Songul Baglan Yentur¹, Baris Seven¹, Ahmet Gokkurt¹, Zeynep Tuna¹, Abdurrahman Tufan², Deran Oskay¹

¹ Gazi University, Faculty of Health Sciences Department of Physiotherapy and Rehabilitation, Ankara, Turkey ² Gazi University, Internal Medicine, Division of Rheumatology, Ankara, Turkey

6 minutes

Hand Surgery in Egypt

S052 Special session

Friday, 23 June 2017 | 15:30 - 16:30 | Red room

Chair: Ashraf Moharram, Magdy Nabil Morsy

A-0960 Hand Surgery in Egypt. History & Future

Ashraf Moharram

Orthopedic Surgery, Cairo University, Egypt

6 minutes

A-0743 Open repair of avulsed foveal attachment of triangular fibrocartilage complex using ulnar styloid osteotomy

Ahmed Naeem Atiyya, Ramy Ahmed Soliman, Islam Koriem

Orthopaedic Department- Ain Shams University, Cairo, Egypt

10 minutes

A-0961 Percutaneous scaphoid screw fixation. Suggested classification based on union predictor

Mostafa Mahmoud

Orthopedic Surgery, Cairo University, Egypt

6 minutes

A-0376 Preliminary results of autogenous wrist hemi-arthroplasty (modified Graner's technique) for Kienbock disease stage IIIb.

Pilot study

Ahmed Naeem Atiyya, Amr Mohamed Nabil, Abdelrahman Eldiasty, Ramy Ahmed Soliman, Islam Koriem

Orthopaedic Department -Ain Shams University, Cairo, Egypt

15 minutes

A-0963 Retropharyngeal contralateral C7 transfer in traumatic brachial plexus palsy

Ashraf Moharram

Orthopedic Surgery, Cairo University, Egypt

6 minutes

Distal Radius 3

S053 Free paper session

Friday, 23 June 2017 | 16:30 - 17:30 | Gold room

Chair: Philippe Liverneaux, Jorge L. Orbay

A-0847 Do we need to repair TFCC after distal radius fractures

Margaret Woon Man Fok, Christian Xinshuo Fang, Tak Wing Lau, Yin Kwong Fung, Boris Kwok Keung Fung, Frankie Ka Li Leung

Department of Orthopaedics and Traumatology, Queen Mary Hospital, The University of Hong Kong, Hong Kong

6 minutes

A-0184 Immediate mobilization after distal radius fractures stabilized by volar locking plate – a prospective randomized trial

Stefan Quadlbauer^{1,2,3}, Christoph Pezzeri¹, Josef Jurkowitsch¹, Tina Keuchel¹, Brigitta Kolmayr⁴, Thomas Beer¹, Thomas Hausner^{1,2,3}, Martin Leixnering¹

¹ AUVA Trauma Hospital Lorenz Böhler - European Hand Trauma Center, 1200 Vienna ² Ludwig Boltzmann Institute for Experimental und Clinical Traumatology, AUVA Research Center, 1200 Vienna ³ Austrian Cluster for Tissue Regeneration ⁴ AUVA Trauma Hospital Lorenz Böhler - European Hand Trauma Center, Department of physiotherapy, 1200 Vienna

6 minutes

A-0211 Decision of the Appropriate Length of Distal Screw with Volar Locking Plate Fixation for Distal Radius Fracture

Daisuke Suzuki¹, Hiroshi Ono¹, Shohei Omokawa², Takeshi Katayama³, Ryotaro Fujitani⁴, Yasuhito Tanaka⁵

¹ Hand Surgery Center, Nishi Nara Central Hospital, Nara, Japan ² The Department of Hand Surgery, Nara Medical University, Nara, Japan ³ The Department of Orthopedic Surgery, Kokuho Central Hospital, Nara, Japan ⁴ The Department of Orthopedic Surgery, Ishinkai Yao General Hospital, Osaka, Japan ⁵ The Department of Orthopedic Surgery, Nara Medical University, Nara, Japan

6 minutes

A-0020 Distal pin length of locking plate for distal radius fracture: ordinary vs shorter

Yasuhiro Seki¹, Takuya Aoki², Hidetsugu Maehara¹, Shinichi Shirasawa¹

¹ Suwa Central Hospital, Chino, Japan ² Kyoto University, Kyoto, Japan

6 minutes

A-0429 Reducing a Volar Marginal Fragment of the Distal Radius Using a Hook-Plate Extension to a Volar Locking Plate

Jorge L. Orbay, Francisco Rubio, Lauren L. Vernon

The Miami Hand & Upper Extremity Institute, Miami, FL, USA

6 minutes

A-0264 Biomechanical property of three-dimensional printed volar locking distal radius plate: Comparison with conventional volar locking plate

Chang-Hun Lee¹, Hee-Soo Kim², Wan-Sun Choi³, Sung-Jae Kim⁴, Joo-Hak Kim⁵, Kwang-Hyun Lee²

¹ Department of Orthopaedic Surgery, Eulji Medical Center, Eulji University College of Medicine, South Korea; ² Department of Orthopaedic Surgery, Hanyang University College of Medicine, South Korea; ³ Department of Orthopaedic Surgery, Ajou University College of Medicine, South Korea; ⁴ Department of Orthopaedic Surgery, Dongtan Sacred Hospital, Hallym University College of Medicine, South Korea; ⁵ Department of Orthopaedic Surgery, Myongji General Hospital, Seonam University College of Medicine, South Korea

6 minutes

A-0092 Detection of penetration of the dorsal cortex by epiphyseal screws of distal radius volar plates: anatomical study comparing ultrasound and fluoroscopy

Vernet Paul, Durry Anastasia, Nicolau Xavier, D'Ambrosio Adrien, Collinet Arnaud, Salazar Botero Santiago, Hidalgo Diaz Juan José, Liverneaux Philippe

Department of Hand Surgery, SOS main, CCOM, University Hospital of Strasbourg, FMTS, University of Strasbourg, Icube CNRS 7357, 10 avenue Baumann, 67400 Illkirch

6 minutes

A-0318 A comparison of outcomes of K-wire vs plate fixation for distal radial fractures with regard to patients' quality of life.

Andrzej Zyluk, Katarzyna Skala, Zbigniew Szlosser

Department of General and Hand Surgery, Pomeranian Medical University in Szczecin, Poland

6 minutes

Rehabilitation of Flexor Tendon Injuries

S054 Friday, 23 June 2017 | 16:30 - 17:15 | Yellow room

Chair: Thomas Giesen, Maurizio Calcagni

A-1070 Flexor and extensor tendon injuries

Maurizio Calcagni

Switzerland

15 minutes

A-1071 Early active tendon treatment: the evidence that made the change

Gwendolyn van Strien

The Netherlands

15 minutes

Nerves 2

S055 Free paper session

Friday, 23 June 2017 | 16:30 - 17:30 | Orange room

Chair: David Shewring, János Aurél Simonka

A-0880 Peripheral nerve injury repair: neurorraphy or tubulisation?

Zoltán Czinke, Zsolt Szabó, Zsolt Rimaszéki

Hand Surgery Center Miskolc Hungary

6 minutes

A-0335 Neurovascular injuries after supracondylar humerus fractures in children

Rasmus Thorkildsen¹, Ole Reigstad¹, Christian Grimsgaard¹, Trygve Holm Glad¹, Frode Thu¹, Magne Røkkum^{1,2}

¹ Upper Extremity- and Microsurgical Unit, Orthopaedic Department, University Hospital of Oslo ² Oslo University

6 minutes

A-0018 STOP NEUROMA: Surgical Treatment Of symPtomatic Neuroma

Mariëtta Bertleff

HandsOnCare MC group, Lelystad, The Netherlands

6 minutes

A-0556 Is there a benefit in biopsy of nerve related tumors?

Rahel Meier, Ivo Bayard, Carsten Surke, Esther Voegelin

Department of Plastic and Hand Surgery University Hospital Bern

6 minutes

A-0746 A financial analysis of processed nerve allograft utilisation in a public sector peripheral nerve injury service

Bafiq Nizar, Eva O'Grady, Gita Lingam, Tahseen Choudhary, Simon Tan, Dominic Power

Hand & Peripheral Nerve Research Network, The Centre for Nerve Injury and Paralysis, Queen Elizabeth University Hospital Birmingham, UK

6 minutes

A-0195 Iatrogenic peripheral nerve injuries

Takao Omura¹, Tomokazu Sawada², Hiroaki Ogihara³, Michihito Miyagi¹, Yukihiro Matsuyama¹

¹ Hamamatsu University School of Medicine; ² Shizuoka City Shizuoka Hospital; ³ Hamamatsu Red Cross Hospital

6 minutes

A-0748 Nerve transfers and neurotizations in the palm: alternative and novel approaches

Michele R Colonna¹, Cesare Tiengo², Franco Bassetto², Giorgio Pajardi³, Paolo Cortese³, Bruno Battiston⁴, Konstantinos Natsis⁵, Nikolaos Papadopoulos⁶, Stefano Geuna⁷

¹ Dept of Human Pathology of the Adult, the Child and the Adolescent, University of Messina, Italy ² Dept of Neurosciences, Plastic Surgery, University of Padua, Italy ³ Dept. of Clinical and Health Sciences, University of Milan, Italy ⁴ Dept of Traumatology, Unit for Hand Surgery and Reconstructive Microsurgery, Azienda Ospedaliero-Universitaria "Città della Salute e della Scienza di Torino", Turin, Italy ⁵ Dept of Anatomy, Faculty of Health Sciences, School of Medicine, Aristoteles University, Thessaloniki, Greece ⁶ Dept of Surgery, Plastic surgery, Dimokritos University, Alexandroupolis, Greece ⁷ Dept of Clinical and Biological Sciences, University of Turin, Italy

6 minutes

A-0144 Non-Traumatic "Isolated" Anterior Interosseous Nerve Palsy: Reinterpretation of MRIs and Electrodiagnostic Studies

Andrés A. Maldonado^{1,2}, Kimberly K. Amrami³, Michelle L. Mauermann⁴, Robert J. Spinner¹

¹ Mayo Clinic, Department of Neurologic Surgery and Department of Orthopedic Surgery, Division of Hand Surgery, Rochester, MN, USA; ² BG Unfallklinik Frankfurt, Department of Plastic, Hand and Reconstructive Surgery, Germany; ³ Mayo Clinic, Department of Radiology, Rochester, MN, USA; ⁴ Mayo Clinic, Department of Neurology, Rochester, MN, USA

6 minutes

Soft Tissues 2

S056 Free paper session

Friday, 23 June 2017 | 16:30 - 17:30 | Green room

Chair: Alexandru Georgescu, Aurelio Portincasa

A-0831 thumb replantation: functional recovery beyond 15 years of experience

Davide Ciclamini¹, Alessandro Crosio¹, Davide Giardia³, Bernardino Panero¹, Paolo Titolo¹, Pierluigi Tos², Bruno Battiston¹

¹ Department of Orthopaedic and Trauma Surgery, CTO Hospital, City of Health and Sciences, Turin, Italy; ² Department of Orthopaedic and Trauma Surgery, Gaetano Pini Hospital, Milan, Italy; ³ University of Turin School of medicine, Italy

6 minutes

A-0193 microsurgical reconstruction of the upper extremity after severe trauma

Igor Kurinnyi, Sergii Strafun, Oleksiy Dolgoplov, Artur Bezuhlyi

PI "Institute of Traumatology and Orthopedics" Kiev, UA

6 minutes

A-0684 Meaning of microsurgical techniques in the treatment of children with electric burns

Sergey Golyana, Alexey Baidurashvili

The Turner Scientific and Research Institute for Children's Orthopedics, St. Petersburg, Russia

6 minutes

A-0221 Digital Artery Perforator Flaps: A Versatile Reconstructive Option for Treatment of Soft Tissue Defects and Painful Scarred or Injured Digital Nerves

Kiyohito Takamatsu¹, Akira Kawabata², Yasunari Awa¹, Kosuke Shintani², Ema Onode²

¹ Yodogawa Christian Hospital, Osaka, Japan; ² Osaka City University Graduate School of Medicine, Osaka, Japan

6 minutes

A-0272 Successful closure of persistent small-sized posterior elbow soft tissue defects with rotation flap under local anesthesia

Ji-Kang Park¹, Sang-Woo Kang¹, Hyoung-Jun Lee²

¹ Chungbuk National University Hospital, Cheongju, South Korea ; ² Bburi Hospital, Cheongju, South Korea

6 minutes

A-0017 The using of perforator-based bilobed flap in reconstruction of complex hand defects

Shengdi Lu, Yimin Chai

Shanghai 6th People's Hospital, Shanghai, China

6 minutes

A-0520 Preoperative Planning of Ulnar Artery Perforators Using Colour Doppler Ultrasonography

Megumi Ishiko¹, Ema Onode², Yasunari Awa¹, Akira Kawabata¹, Kiyohito Takamatsu¹

¹ Yodogawa Christian Hospital Osaka, Japan; ² Osaka City University Postgraduate School of Medicine Osaka, Japan

6 minutes

A-0970 Dorsal metacarpal artery perforator flap

Ho-Jun Cheon, Sang-Hyun Woo

Institute for Hand Reconstructive Microsurgery, Daegu, Korea

0 minutes

A-0365 Long- term follow-up after single digit replantation and analysis of the relationship between outcomes

Jing Chen, Jun Tan, Qingzhong Chen, Jinbo Tang

Jiangsu Medical Research Center, Nantong, Jiangsu, China

6 minutes

A-0420 An Alternative Technique in Thumb Reconstructions : Innervated Digital Artery Perforator Flap

Ali Cavit, Haluk Ozcanli

Akdeniz University School of Medicine, Department of Orthopaedics, Antalya, Turkey

6 minutes

A-0689 Successful replantation of the fingers after prolonged cryopreservation with longterm followup: Report 2 cases

Zeng-tao Wang, Lei Zhu, Wei Kou, Chun-xia Wang, Yun Shen, Li-hong Wang, You Liang, Wen-hai Sun

Department of hand and foot surgery, Provincial Hospital Affiliated to Shandong University, Jinan, Shandong province, China

6 minutes

Hand Surgery in Colombia

S057 Special session

Friday, 23 June 2017 | 16:30 - 17:30 | Red room

Chair: Aida Garcia, Fabio Suarez

A-0972 Presentation of the Colombian Hand Society

Fabio Suarez

Colombia

6 minutes

A-0472 Anatomic-Topographic and Arthroscopic Correlation of Landmarks and Safe Corridors in Arthroscopic Resection of Dorsal and Volar Wrist Ganglions

Fabio Suarez ¹, Felix Riano ²

¹ Hospital Militar Central, Bogota, Colombia; ² Naples Hand MedEd, Naples, USA

0 minutes

A-0973 Gunshot wounds in the upper extremity

Fabio Suarez

Colombia

6 minutes

A-0974 Alternatives for tendon transfer in complex trauma

Luis Felipe Naquira

Colombia

6 minutes

A-0975 Our experience in the management of complex soft tissue injuries

Carlos Torres

Colombia

6 minutes

A-0976 Nerve reconstruction in war Trauma

Aida Garcia

Colombia

6 minutes

Rehabilitation of Extensor Tendons

S107 Friday, 23 June 2017 | 17:15 - 18:00 | Yellow room

Chair: Jin Bo Tang, Gwendolyn van Strien

A-1072 What the literatures tell us regarding extensor tendon rehabilitation?

Jing Chen

China

15 minutes

A-1073 Early active therapy on extensor zone 5-7

Gwendolyn van Strien

The Netherlands

15 minutes

A-1074 The true active motion after tendon repair

Jin Bo Tang

China

10 minutes

Arthroscopic treatment of wrist injuries without arthritis

S058 Saturday, 24 June 2017 | 08:00 - 10:00 | Gold room

Chair: Tommy Lindau, Jane Messina, Guillaume Herzberg

A-0936 Welcome Address

Guillaume Herzberg

France

7 minutes

A-0937 Distal radius fracture

Tommy Lindau

UK

7 minutes

A-0938 Distal radius malunion

Francisco del Piñal

Spain

7 minutes

A-0939 Acute Scaphoid Fractures

P Jorgsholm

Denmark

7 minutes

A-0940 Scaphoid nonunion

PC Ho

Hong Kong

7 minutes

A-0941 Perilunate Injuries

Guillaume Herzberg

France

7 minutes

A-0942 Isolated scapholunate injuries

Jeff Ecker

Australia

7 minutes

A-0943 Isolated lunotriquetral injuries

Jan Ragnar Haugstvedt

Norway

7 minutes

A-0944 TFCC disorders without instability

Toshiyasu Nakamura

Japan

7 minutes

A-0945 TFCC disorders with instability

Riccardo Luchetti

Italy

7 minutes

A-0946 Combined Injuries

Istvan Zoltan Rigo

Norway

7 minutes

A-0947 Related Clinical cases

Guillaume Herzberg, M Burnier, Y Izem

France

7 minutes

Thumb CMC Osteoarthritis

S059 Saturday, 24 June 2017 | 08:00 - 09:00 | Yellow room

Chair: Massimo Ceruso, Nadine Hollevoet, Eftal GÜdemez

A-1062 Introduction

Massimo Ceruso

Italy

5 minutes

A-1063 Conservative Treatment. General Concepts

Ton Schreuders

The Netherlands

7 minutes

A-1064 Conservative Treatment in Thumb Base Osteoarthritis. What We Have Learned of Our Data

Robber Wouters

The Netherlands

7 minutes

A-1065 Outcomes of a standardized hand therapy program in patients with thumb CMC joint arthritis

Frek Lötters

The Netherlands

7 minutes

A-1066 CMC Implants

Nadine Hollevoet

Belgium

7 minutes

A-1067 Biological Arthroplasties and Arthrodesis

Massimo Ceruso

Italy

7 minutes

A-1068 Surgical Treatment. Overall Conclusions

Massimo Ceruso

Italy

7 minutes

A-1069 Final Comments

Frederic Schuind

Belgium

10 minutes

Flexor Tendon 1

S060 Free paper session

Saturday, 24 June 2017 | 08:00 - 09:00 | Orange room

Chair: Balázs Lenkei, Hyun Sik Gong

A-0139 Biomechanical Comparison of Six-Strand Modified Lim-Tsai VS Tang Flexor Tendon Repair Techniques

Gavrielle Kang, Wong Yoke Rung, Rebecca Lim, Austin Loke, Tay Shian Chao

Singapore General Hospital, Singapore

6 minutes

A-0805 Biomechanically Comparison Of A New Loop Suture Technique with Conventional Methods In Flexor Tendon Repair :In Vitro Study

Gokce Yildiran, Osman Akdag, Mehtap Karamese, Malik Abaci, Zekeriya Tosun

Selcuk University Medical Faculty Plastic, Reconstructive and Aesthetic Surgery Department, Konya, Turkey

6 minutes

A-0305 Early outcomes of Tendon Repair and Reconstruction in the Hand using Barbed sutures

Daniel Hap, Anthony Xavier Rex Premchand, Rajaratnam Vaikunthan

Kho Teck Puat Hospital, Singapore.

6 minutes

A-0040 Outcomes of zone 2 flexor tendon repairs using a most updated treatment protocol in 60 fingers

Zhang Jun Pan ¹, Yun Fei Xu ¹, Lei Pan ¹, Qing Zhong Chen ², Jing Chen ²

¹ People's Hospital of Yixing, Yixing, Jiangsu, China; ² Jiangsu Medical Research Center, Nantong, Jiangsu, China

6 minutes

A-0664 An Alternative Salvage Option before Staged Tendon Prosthesis Operations in Zone-II Flexor Tendon Ruptures Due to the Adhesions: Tendon Dressing Method

Nebil Yesiloglu, Murat Sarici, Gökhan Temiz, Hakan Sirinoglu, Ali Cem Akpinar, Mehmet Bozkurt

Dr. Lütfi Kırdar Kartal Training And Research Hospital, Department of Plastic Reconstructive and Aesthetic Surgery, Kartal, İstanbul, Turkey

6 minutes

A-0422 Does the late zone 2 flexor tendoplasty have any impact on the required graft length

Irina Miguleva

Sklifosovsky Clinical and Research Institute for Emergency Medicine, Moscow, Russia

6 minutes

Hand Trauma Committee Session

S061 Special session

Saturday, 24 June 2017 | 08:00 - 09:00 | Green room

Chair: Bruno Battiston

Dupuytren's Disease

S064 Saturday, 24 June 2017 | 09:00 - 10:00 | Yellow room

Chair: Zsolt Szabó, Christina Jerosch-Herold

A-0962 Interactive quiz about the way participants deal with Dupuytren in their everyday activity

Zsolt Szabó

Hungary

6 minutes

A-0817 Needle aponeurotomy versus open fasciectomy in the mirror of evidence based data

Adrienn Lakatos, Balázs Lenkei, Zsolt Szabó

Hand Surgery Center, Miskolc, Hungary

6 minutes

A-0281 Splinting after surgery for Dupuytren's disease: A systematic review and meta-analysis of the available evidence

Susanne Boel, Camilla Ryge

Department of Rehabilitation Copenhagen University Hospital Herlev and Gentofte The Capital Region of Denmark, Hellerup, Denmark

10 minutes

A-0183 Hand Therapy after Collagenase Clostridium Histolyticum (CCH) Injection Treatment in Dupuytren's Disease

Sonja Elisabeth Pelzmann

Institute for Physical Medicine and Rehabilitation, Wilhelminenspital, Vienna, Austria

10 minutes

Flexor Tendon 2

S065 Free paper session

Saturday, 24 June 2017 | 09:00 - 10:00 | Orange room

Chair: Eva Maria Baur, János Rupnik

A-0789 In office trigger finger release

Dale Dellacqua¹, Andrew K. Palmer², Parker Thieneman³

¹ Monroe Hospital, Bloomington, IN, USA; ² Upstate Medical University, Syracuse, NY, USA; ³ College of Charleston, Charleston, SC, USA

6 minutes

A-0871 Cost effectiveness of subcutaneous release of trigger finger in diabetes patients versus open release.

Grigorios Kastanis, Kapsetakis Petros, Stavrakakis Ioannis, Katsoulis Pavlos

General Hospital AG., Nikolaos, Greece

6 minutes

A-0108 Trigger finger: What is it that triggers?

X. L. Chuang¹, C. C. Ooi², S.T. Chin³, M.A. Png², S.K. Wong², S.C. Tay^{1,3,4}, D. A. McGrouther^{1,4}

¹ Duke-NUS Medical School, Singapore; ² Department of Radiology, Singapore General Hospital, Singapore; ³ Biomechanics Laboratory, Academia, Singapore; ⁴ Department of Hand Surgery, Singapore General Hospital, Singapore

6 minutes

A-0222 Autonomous patient controlled mobilization protocol after flexor tendon repair. A case series

Barbara Gomez-Eslava, Maria C. Rodriguez-Ricardo, Luis A. Garcia-Gonzalez

San Ignacio University Hospital, Pontifical Javeriana University. Bogota, Colombia.

6 minutes

A-0367 Delivery of VEGF gene through adeno-associated virus 2 vectors to enhance digital tendon healing in a chicken model

Ya Fang Wu, You Lang Zhou, Shu Guo Xing, Jin Bo Tang, Jing Chen

Jiangsu Medical Research Center, Nantong, Jiangsu, China

6 minutes

A-0182 Outcome of the Different Dosages of Triamcinolone Acetonide Injection in the Management of Trigger Finger

Arkaphat Kosiyatrakul, Wittawat Loketkrawee, Suriya Luenam

Department of Orthopaedics, Phramongkutklao Hospital and College of Medicine, Bangkok, Thailand

6 minutes

HTC Symposium

S066 Special session

Saturday, 24 June 2017 | 09:00 - 10:00 | Green room

Chair: Bruno Battiston, Marcos Sanmartin

A-0989 Mistakes in hand trauma care

Igor Golubev, Zoe Dailiana

Russia, Greece

0 minutes

A-0990 Why creation of a hand trauma center network is difficult in a country?

Margarita Kateva, Kalin Dimitrov

Bulgaria

0 minutes

A-0991 Future of hand trauma care

Peter Hout

The Netherlands

0 minutes

Arthroscopic treatment of degenerative wrist disorders 1

S068 Saturday, 24 June 2017 | 10:30 - 11:30 | Gold room

Chair: Eva Baur, Henk Coert, Istvan Zoltan Rigo

A-0948 SLAC Wrist

Andrea Atzei

Italy

7 minutes

A-0949 SNAC Wrist

Christophe Mathoulin

France

7 minutes

A-0950 Ulna-carpal Impaction

Max Haerle

Germany

7 minutes

A-0951 Isolated STT OA

G Mantovani

Brazil

7 minutes

A-0952 Related Clinical cases

Guillaume Herzberg, M Burnier, Y Izem

France

7 minutes

Future for Evidence Based Data in Hand Surgery. General Discussion and Final Words

S069 Saturday, 24 June 2017 | 10:30 - 11:30 | Yellow room

Chair: Zsolt Szabó, Grey Giddins, Gürsel Leblebicioğlu

A-1052 How to create and rate high quality evidence based data?

Miriam Marks

Switzerland

15 minutes

A-1053 Creating evidence: beyond the randomized controlled trial?

Ruud Selles

The Netherlands

15 minutes

A-1054 The unexpected power of placebos

Jarry Porsius

The Netherlands

10 minutes

A-1055 General discussion of the ICLs and conjoint sessions

Zsolt Szabó

Hungary

10 minutes

Extensor

S070 Free paper session

Saturday, 24 June 2017 | 10:30 - 11:30 | Orange room

Chair: Philippe Liverneaux, Viviana Maja Rosero

A-0094 Rotatory stability test for diagnosis of radial collateral ligament rupture of the long fingers: anatomical study

Priscille Lazarus, Juan José Hidalgo Diaz, Guillaume Prunières, Emilie Pire, Chihab Taleb, Sophie Honecker, Philippe Bellemère, Philippe A Liverneaux

Department of Hand Surgery, SOS main, CCOM, University Hospital of Strasbourg, FMTS, University of Strasbourg, Icube CNRS 7357, 10 avenue Baumann, 67400 Illkirch, France

6 minutes

A-0021 Staged Finkelstein Test for Identification of Intra-Compartmental Septum in Patients with deQuervain's Disease

Dongjun Park ¹, Ki Won Lee ², Min Jong Park ³, Hyun Il Lee ¹

¹ Ilsan Paik Hospital, Goyang-si, Korea ² Gangneung Asan Hospital, Gangneung, Korea ³ Samsung Medical Center, Seoul, Korea

6 minutes

A-0824 Prevention of extensor pollicis longus tendon injury in pediatric ESIN technique by intraoperative ultrasound

Marcell Varga, Tamás Kassai, Antal Renner

Péterfy Hospital, Budapest, Hungary

6 minutes

A-0415 Tendinous mallet finger: Can we propose a second conservative treatment after the failure of a first conservative treatment ?

Mylène Kientzi, Gero Meyer Zu Reckendorf

Institut Montpellierain de la main et du membre supérieur, Polyclinique St Roch, Montpellier, France

6 minutes

A-0785 Flexor Digitorum Superficialis Tenodesis for Treatment of Flexible Swan Neck Deformity of Fingers: A Randomized, Double-Blind Clinical Trial to Compare Two Surgical Techniques

Davide Ciclamini ¹, Bruno Battiston ¹, Pierluigi Tos ^{1,2}, Bernardino Panero ¹, Paolo Titolo ¹, Pierpaolo De Blasi ³

¹ Department of Orthopaedic and Trauma Surgery, CTO Hospital, City of Health and Sciences, Turin, Italy; ² Department of Orthopaedic and Trauma Surgery, Gaetano Pini Hospital, Milan, Italy; ³ Associate Professor of Statistics, University of Turin, Italy

6 minutes

A-0687 False positive prevalence in the Finkelstein and Eichhoff's test in healthy population

Ana C. Silva, Elkin J. Galvis, Luis F. Latorre, Constanza L. Moreno-Serrano

Hospital Universitario Fundación Santa Fe de Bogotá, Bogotá, Colombia

6 minutes

A-0864 Lateral Epicondylitis: Influence of Injection Timing on Patient Outcomes – Does It Make a Difference?

Hans Zhang, David Ruch, Francesca Tocci, Alexander Lampley, Fraser J. Leversedge

Department of Orthopaedic Surgery, Duke University; Durham, USA

6 minutes

Compression 3

S071 Free paper session

Saturday, 24 June 2017 | 10:30 - 11:30 | Green room

Chair: János Rupnik, David Warwick

A-0647 Effectiveness of the Botulinum Toxin type A applied in the Palmaris Longus in patients with Idiopathic Carpal Tunnel Syndrome

Alejandro Trujillo, Ernesto Díaz, Alejandra Rosas, Erica Casas

Rehabilitation and Special Education Center, Toluca State of Mexico, Mexico

6 minutes

A-0499 Evaluation of Vitamin D Receptor in Subsynovial Connective Tissue of Carpal Tunnel Syndrome

Kahyun Kim¹, Sehun Kim², Hyun Sik Gong², Jihyung Kim¹, Young Ho Lee¹, Goo Hyun Baek¹

¹ Seoul National University Hospital, Seoul, South Korea; ² Seoul National University Bundang Hospital, Seongnam-si, South Korea

6 minutes

A-0401 Anxiety, Depression and Quality of Life are associated with self-reported symptom severity but not with electrodiagnostic severity in carpal tunnel syndrome

Christina Jerosch-Herold¹, Julie Houghton¹, Edward Wilson², Julian Blake³, Lee Shepstone¹

¹ Faculty of Medicine and Health Sciences, University of East Anglia, Norwich, UK; ² Cambridge Centre for Health Services Research, Cambridge University, Cambridge, UK; ³ Norfolk and Norwich University Hospital, Norwich, UK

6 minutes

A-0881 Carpal Tunnel Syndrome – Clustering of patients

Filipa Oliveira, Vera Resende, Artur Neto, Pedro Atilano Carvalho, António Miranda

Centro Hospitalar de Entre Douro e Vouga, Portugal

6 minutes

A-0615 Pre- and postoperative dynamic ultrasound assessment of the median nerve in patients undergoing carpal tunnel release

Stefanie Evers^{1,2}, Jennifer Geske¹, Russell Gelfman¹, Peter C. Amadio¹

¹ Mayo Clinic, Rochester, United States ² Erasmus Medical Center, Rotterdam, the Netherlands

6 minutes

A-0848 Return to Employment After Carpal Tunnel Release Surgery (REACTS): A Survey of UK Clinical Practice

Lisa Newington¹, David Warwick², Jo Adams³, Georgia Ntani¹, Karen Walker-Bone¹

¹ Arthritis Research UK - MRC Centre for Musculoskeletal Health and Work, MRC Lifecourse Epidemiology Unit, University of Southampton ² Hand Surgery, University Hospital Southampton NHS Foundation Trust ³ Faculty of Health Sciences, University of Southampton

6 minutes

A-0450 Regional variations in the incidence of hospital-diagnosed carpal tunnel syndrome and carpal tunnel release surgery in Sweden: a population-based study

Kamelia Tadjerbashi^{1,2}, Isam Atroshi^{1,2}

¹ Department of Orthopedics Håssleholm-Kristianstad, Håssleholm Hospital, Håssleholm, Sweden; ² Department of Clinical Sciences - Orthopedics, Lund University, Lund, Sweden

6 minutes

Arthroscopic treatment of degenerative wrist disorders 2

S073 Saturday, 24 June 2017 | 11:30 - 12:30 | Gold room

Chair: Greg Bain, Nicole Schmelzer-Schmied, Jan Ragnar Haugstvedt

A-0953 CMC 1 OA

Alejandro Badia

USA

7 minutes

A-0954 CMC 1 & STT OA

Tyson Cobb

USA

7 minutes

A-0955 Kienbock Disease

Greg Bain

Australia

7 minutes

A-0956 Related Clinical cases

Guillaume Herzberg, M Burnier, Y Izem

France

7 minutes

A-0957 EWAS Junior Award

M Vanhees

Australia

5 minutes

A-0958 Whipple Prize

Riccardo Luchetti

Italy

15 minutes

A-0959 Closing ceremony

Jan Ragnar Haugstvedt

Norway

12 minutes

Distal Radius 4

S075 Free paper session

Saturday, 24 June 2017 | 11:30 - 12:30 | Orange room

Chair: Ferenc Tóth

A-0896 Darrach procedure in acute traumatology: A maximalist treatment of the elderly care ?

Ergys Gjika, Morgan Gauthier, Jean- Yves Beaulieu

Geneva University Hospitals (HUG), Switzerland

6 minutes

A-0096 Corrective osteotomy is an effective method of treating distal radius malunions with good long-term functional results

Marjolein Mulders ¹, Philip d'Ailly ¹, Berry Cleffken ², Niels Schep ²

¹ Academic Medical Center, Amsterdam, The Netherlands ² Maasstad Hospital, Rotterdam, The Netherlands

6 minutes

A-0212 Volar locking plate fixation for distal radius fractures using intraoperative computed tomographic navigation

Akira Kawabata, Yasunari Awa, Kiyohito Takamatsu

Department of Orthopaedic Surgery, Yodogawa Christian Hospital, Osaka, Japan

6 minutes

A-0091 Feasibility of minimally-invasive distal radius plate removal (MIPR): about a series of 388 cases

Pier Luigi Medda, Juan José Hidalgo Diaz, Anne-Sophie Matheron, Nicolas Maire, Paul Vernet, Sybille Facca, Philippe Liverneaux

Department of Hand Surgery, SOS main, CCOM, University Hospital of Strasbourg, FMTS, University of Strasbourg, Icube CNRS 7357, 10 avenue Baumann, 67400 Illkirch

6 minutes

A-0619 Non-Spanning Radiocarpal Arthrodesis with a Low Profile Locking Plate

Schneider K Rancy ¹, Eugene T Ek ², Sophia Paul ¹, Robert N Hotchkiss ¹, Scott W Wolfe ¹

¹ Hospital for Special Surgery, New York, NY, USA; ² Monash Medical Centre, Monash University Melbourne, Australia

6 minutes

A-0247 Position of the flexor pollicis longus tendon (FPLT) in relation to the Aptus FPL-Plate (Medartis) and to the distal volar radius width

L. Schlickum ¹, S. Quadlbauer ², Ch. Pezzei ², E. Stöphasius ², T. Hausner ², M. Leixnering ²

¹ IBRA Scholarship, Basel, Switzerland; ² AUVA Trauma Hospital Lorenz Böhler - European Hand Trauma Center, Vienna, Austria

6 minutes

Compression 4

S076 Free paper session

Saturday, 24 June 2017 | 11:30 - 12:30 | Green room

Chair: Zoe Dailiana, Beáta Bajdik

A-0250 Minimal endoscopic surgery for treatment the cubital tunnel syndrome

Dawid Mrozi^{1,2}, Agnieszka Jackiewicz^{1,2}

¹ HANDProject Clinic, Gdańsk, POLAND; ² SWISSMED Private Hospital, Gdańsk, POLAND

6 minutes

A-0225 Carpal tunnel release: Comparison of the classic open with a minimally invasive-one small incision- technique

Ioannis Antoniou, Zoe Dailiana, Vasilis Kontogeorgakos, Vasilis Amprazis, Konstantinos Malizos, Sokratis Varitimidis

University of Thessaly, Larissa, Greece

6 minutes

A-0521 Learning Curve Analysis of Trainee Hand Surgeons for Endoscopic Carpal Tunnel Release in a Single Unit

Sebastian Hediger, Katharina Schregenberger, Thomas Kölbl, Mischa Wiegand, Simon Huang

Bülach Hospital, Bülach, Switzerland

6 minutes

A-0781 Endoscopic Anatomy of the Carpal Canal

Jeff Ecker^{1,2}, Courtney Andrijich¹, Tania Young¹

¹ Western Orthopaedic Clinic, Western Australia; ² Hand and Upper Limb Centre, Western Australia

6 minutes

A-0753 The Pronator Syndrome: diagnosis and treatment

L. Martini¹, G. Caruso¹, D. Zani², P. Sottili³, A. Vitali¹

¹ Hand surgery Unit, Azienda usl Toscana centro, Florence, Italy; ² Physiotherapy Unit, Azienda usl Toscana centro, Florence, Italy; ³ Radiology Unit, Azienda Ospedaliero-Universitaria Careggi, Florence, Italy

6 minutes

A-0346 Is opponensplasty recommended for octogenarians with severe carpal tunnel syndrome?

Hidemasa Yoneda¹, Akimasa Morita², Katsuyuki Iwatsuki¹, Michiro Yamamoto¹, Masahiro Tatebe^{1,2}, Hitoshi Hirata¹

¹ Dept of Hand Surgery, Nagoya University, Nagoya, Japan; ² Suzuka Kaisei Hospital, Suzuka, Japan

6 minutes

A-0122 Laser Therapy In The Management Of Carpal Tunnel Syndrome: A Systematic Review And Meta-Analysis Of Randomised Controlled Trials

Iain Rankin¹, Harry Sargeant¹, Haroon Rehman¹, Kurinchi Gurusamy²

¹ NHS Grampian, Aberdeen, United Kingdom ² University College London, London, United Kingdom

6 minutes

E-posters

S109 E-poster session

A-0002 Palytoxin related hand injury

Andreas Felix Klenner¹, Krisztina Klenner²

¹ St. Barbara Clinics, Hamm, Germany; ² Mariannen Hospital, Werl, Germany

A-0004 Treatment of Carpal Tunnel Syndrome with Palmitoylethanolamide. A prospective and randomised study

Adriana Martínez-Catasús, Jordi Faig-Martí

Sant Rafael Hospital, Barcelona, Spain

A-0008 Management of Intra-Articular Distal Radius Fractures: Volar or Dorsal Locking Plate—Which Has Fewer Complications

Yoshihiro Abe¹, Susumu Tokunaga², Takuro Moriya¹

¹ Department of Orthopedic Surgery, Chiba Rosai Hospital, Ichihara City, Japan; ² Department of Orthopedic Surgery, Matsudo Orthopaedic Hospital, Matsudo City, Japan

A-0010 Pain on administration of non-alkalinised lidocaine for carpal tunnel decompression: A comparison between the Gale and the “advancing wheal” techniques

Abdullah E. Kattan, Feras Al-Shomer, Albaraa Al-Jerian, Mohammad M. Al-Qattan

Division of Plastic Surgery, college of medicine, King Saud University, Riyadh, Saudi Arabia

A-0015 Clinical Results of Distal Radius Fractures with Volar Locking Plate : Comparison of APTUS 2.5 and VA-LCP

Nobuaki Okamatsu¹, Keikichi Kawasaki¹, Jun Ikeda², Kazunari Tomita³, Katsunori Inagaki¹

¹ Showa University School of Medicine, Department of Orthopaedic Surgery; ² Showa University Northern Yokohama Hospital, Department of Orthopaedic Surgery; ³ Showa University Koto Toyosu Hospital, Department of Orthopaedic Surgery

A-0016 The using of perforator-based neurocutaneous flaps for soft-tissue reconstruction in hands and wrists

Shengdi Lu, Yimin Chai

Shanghai 6th People's Hospital, Shanghai, China

A-0025 Standardization of volar locking plate fixation for distal radius fracture

Junya Imatani, Shiro Moritani, Hidenori Kondo

Okayama Saiseikai General Hospital, Okayama, Japan

A-0030 Evaluation of Non Diseased Specified Outcome Measures in Hand Injuries to Assess Activity and Participation Based on ICF Content

Maryam Farzad, Fereydoun Layeghi, Ali Asgari, Seyed Ali Hosseini

Department of Clinical Sciences, The University of Social Welfare and Rehabilitation Sciences, Kodakry St, Daneshjo Blvd, Evin, Tehran, Iran 1985713831

A-0031 Patient- rated Wrist/Hand Evaluation: A cross-cultural adaptation and evaluation in Thai version

Hathaya Jongprasitkul¹, Tithison Sonthimaneerat², Sarawut Somana², Wasuwat Kitisomprayoonkul¹

¹Department of Rehabilitation Medicine, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand ²Division of Rehabilitation Medicine, Chulalongkorn Memorial Hospital, The Thai Red Cross Society, Bangkok, Thailand

A-0032 Subacute Forearm Compartment Syndrome After Thumb Replantation

Mehmet Uzuner, Mert Seçer, Sina Kaderi, Atacan Emre Koçman

Department of Plastic, Reconstructive and Aesthetic Surgery, Eskisehir Osmangazi University Hospital, Eskisehir, Turkey

A-0034 Management of second phalanx fracture-dislocation of the thumb using a dynamic external fixator: discussion of a case

Xavier Gueffier, Georges Delalu, Philippe Pernot

Saint Vincent de Paul Institut, Bourgoin Jallieu, France

A-0036 Functional Outcomes of autologous blood injection in case of old mallet finger

Artur Bezuhlyi, Ihor Kurinnyi, Sergii Tymoshenko, Andrii Lysak, Ihor Gayovich

State institution "Institute of Traumatology and Orthopedics NAMS Ukraine", Kiev, Ukraine

A-0037 Clinical outcomes of tendon-to-bone suture for flexor tendon grafting

Artur Bezuhlyi, Andrii Lysak

State institution "Institute of Traumatology and Orthopedics NAMS Ukraine", Kiev, Ukraine

A-0038 A Rarely Seen Hyperflexion Deformity of the Distal Interphalangeal Joints as a Consequence of Partially Lacerated Superficial Flexor Tendons in the Palmar Region

Abdullah Çalık, Atacan Emre Koçman, Mehmet Uzuner, Mert Seçer, Sina Kaderi

Department of Plastic, Reconstructive and Aesthetic Surgery, Eskisehir Osmangazi University Hospital, Eskisehir, Turkey

A-0041 Diagnosis, treatment and pathomorphology idiopathic avascular necrosis of scaphoid (Preiser's disease)

Sergii Tymoshenko, Anastasia Grigorovska, Artur Bezuhlyi, Sergii Bezruchenko

State Institution "Institute of traumatology and orthopedics of Academy of medical sciences of Ukraine". Microsurgery and upper extremity surgery department.

A-0052 The creation of a service for surgery of the spastic upper limb in Cyprus. Our results in a series of patients

Constantinos Kritiotis

Iasis Private Hospital Paphos

A-0053 Index finger compartment syndrome and management after high-pressure injection injuries of the hand

Mert Seer, Mehmet Uzuner, Sina Kaderi, Atacan Emre Koman

Department of Plastic, Reconstructive and Aesthetic Surgery, Eskisehir Osmangazi University Hospital, Eskisehir, Turkey

A-0054 Reverse homodigital flap from the dorsolateral proximal phalangeal area based off branches of the digital artery in the middle phalangeal area for fingertip reconstruction

Xiang Zhou ¹, Xiang Rong Li ¹, Jun Qing ¹, Yu Cheng Sun ², Jing Chen ²

¹ Department of Hand Surgery, People's Hospital of Jiangyin, Wuxi, Jiangsu, China ² Jiangsu Medical Research Center, Nantong, Jiangsu, China

A-0058 Treatment of gunshot injuries of the hand

Tomislav Palibrk ¹, Sladjana Matic ^{1,2}, Suzana Milutinovic ¹, Dragana Bogosavljevic ¹, Marko Bumbasirevic ^{1,2}

¹ Orthopedic and traumatology Clinic, Clinical center of Serbia ² School of Medicine, Belgrade University

A-0061 Endoscopic bone graft harvesting of the distal radius

Pierre Croutzet

Centre de Chirurgie de la Main, Toulouse, France

A-0062 Endoscopic synovectomy of the wrist extensors

Pierre Croutzet

Centre de Chirurgie de la Main, Toulouse, France

A-0063 Arthroscopy in scaphoid nonunions, management and outcomes of 26 consecutive cases

Pierre Croutzet

Centre de Chirurgie de la Main, Toulouse, France

A-0070 Efficacy of external fixation and transfixation

Sang Phil Yoon, Su Keon Lee

GwangMyeong SungAe Hospital, GwangMyeong, South Korea

A-0072 Incidence of flexor tendon fraying found during A1 pulley release operation for trigger finger

Sang Soo Eun ¹, Sang-Ho Lee ^{1,2}

¹ Spine Health Wooidul Hospital, Seoul, South Korea

A-0073 Comparison of treatment outcomes of mono- and polyaxial locking plates for AO type C distal radius fractures

Takeshi Sakai ¹, Keikichi Kawasaki ², Kanji Furuya ¹, Naoya Nishinaka ^{2,3}, Katsunori Inagaki ²

¹ Department of Orthopedic Surgery, Showa University Fujigaoka Hospital, Kanagawa, Japan; ² Department of Orthopedic Surgery, Showa University School of Medicine, Tokyo, Japan; ³ Showa University Research Institute for Sports and Exercise Sciences, Tokyo, Japan

A-0074 Two-dimensional morphological characteristics of the distal radius on axial magnetic resonance image and the effects on distal screw length

Yoo-Joon Sur, Ho-Youn Park, Dong-Uk Min, Seok-Whan Song

Department of Orthopedic Surgery, Uijeongbu St. Mary's Hospital, College of Medicine, The Catholic University of Korea

A-0075 Intra-articular comminution worsens outcomes of distal radius fracture treated by open reduction and palmar locking plate fixation

Jae Kwang Kim ¹, Jun O Yoon ¹, Young Ho Shin ¹, Joo-Yul Bae ²

¹ Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea; ² Gangneung Asan Medical Center, University of Ulsan College of Medicine, Gangneung, South Korea

A-0081 The relationship between early improvement of subjective symptom and surgical outcomes in moderate to severe cubital tunnel syndrome

Sang Ho Kwak, Jung Yun Bae, Won Chul Shin, Seung Jun Lee, Suk Hyun Kim, Juen Tak Suh

Pusan National University Yangsan Hospital

A-0085 Comparison of clinical outcome with sonographic findings after FDP suture in zone 2

Lisa Reissner, Holger Klein, Thomas Giesen, Pietro Giovanoli, Maurizio Calcagni

Division of Hand, Plastic and Reconstructive Surgery, University Hospital Zurich, Switzerland

A-0087 A new procedure in the treatment of scaphoid non-union: the frustum of cone-shaped osteochondral graft taken of the radius. Long term results.(31 years follow up)

Ignazio Scaravilli ¹, Gabriele Scaravilli ²

¹ Casa di cura S. Michele , Maddaloni(Caserta) Italy ² ASL Caserta - P.O. di Piedimonte Matese - Italy

A-0089 Minimally invasive osteotomy for distal radius malunion

Chihab Taleb, Ahmed Zemirline, Frédéric Lebailly, Sybille Facca, Stéphanie Gouzou, Philippe Liverneaux
Hand Surgery Department, Strasbourg University Hospitals, FMTS, University of Strasbourg, Icube CNRS 7357, Illkirch, France

A-0090 Design and evaluation of a new synthetic wrist simulator (Wristsim®) for training for distal radius fracture fixation by volar plating

Priscille Lazarus, Juan José Hidalgo Diaz, Emilie Pire, Cécile Sapa, Laetitia Ruffenach, Maurise Saur, Philippe Liverneaux
Department of Hand Surgery, SOS main, CCOM, University Hospital of Strasbourg, FMTS, University of Strasbourg, Icube CNRS 7357, 10 avenue Baumann, 67400 Illkirch

A-0093 Long volar plating for metadiaphyseal fractures of distal radius: study comparing minimal invasive plate osteosynthesis (MIPO) versus conventional approach

Emilie Pire, Juan José Hidalgo Diaz, Santiago Salazar Botero, Sybille Facca, Philippe Liverneaux
Department of Hand Surgery, Strasbourg University Hospitals, FMTS, Strasbourg University, Icube CNRS UMR7357, Illkirch, France

A-0100 Rotational arthrodesis of CMC joint, as New technique for arthrodesis.

Yoon-Min Lee, Seok-Whan Song, Yoo-Joon Sur, Yong-Soo Cho
Yoido St. Mary's Hospital Medical College of Catholic University, Seoul, Korea

A-0101 Extended subtotal fasciectomy for Dupuytren's disease (Prevention of recurrence after the surgical treatment)

Seok-Whan Song, Yoon-Min Lee, Yoo-Joon Sur, Yong-Soo Cho
Yoido St. Mary's hospital Medical college of Catholic University, Seoul, Korea

A-0102 Modified Bouquet technique for metacarpal fractures.

Yoon-Min Lee, Seok-Whan Song, Yoo-Joon Sur, Yong-Soo Cho
Yoido St. Mary's Hospital Medical college of Catholic University, Seoul, Korea

A-0105 Use of micro-fragmented adipose tissue for peripheral nerve injuries treatment: case-report

Alberto Borgonovo, Antonio Melotto, Giuseppe Castoldi
ASST Vimercate Ospedale di Carate e Brianza UOC Ortopedia e Traumatologia

A-0106 Percutaneous fixation for scaphoid cystic nonunion with bone grafting through the distal insertion hole of a fully threaded headless screw

Souichi Ohta, Ryosuke Ikeguchi, Hiroki Oda, Hirofumi Yurie, Hisataka Takeuchi, Shuichi Matsuda
Kyoto University, Kyoto, Japan

A-0109 The Measurement of volar lunate facet fragment of the distal radius fractures - Comparative study between intra-operative and radiographic measurement -

Gaku Niitsuma¹, Keikichi Kawasaki¹, Yukio Ueno², Ichiro Okano², Katsunori Inagaki¹
¹ Department of Orthopaedic surgery, Showa University, school of medicine, Tokyo, Japan; ² Ohta Nishinouchi Hospital, Fukushima, Japan

A-0111 Investigation of factors influencing ulnar neuropathy after surgery for distal humeral fracture

Yusuke Sogabe, Ryo Hosomi, Takeshi Egi
Saiseikai Nakatsu Hospital, Osaka, Japan

A-0116 Comparative Evaluation of Surgical Procedures with Clinical Equipoise: The Unique Perspective of Our Hand Therapy Colleagues

Joseph Schreiber, Jeffrey Yao
Stanford University Medical Center Palo Alto, CA USA

A-0117 Incidence of Posterior Interosseous Nerve Trauma During Creation of the 3-4 Wrist Arthroscopy Portal in Cadavers

Andre Cheah, Wei Le, Jeffrey Yao
Stanford University Medical Center Palo Alto, CA USA

A-0119 Effect of Electrothermal Treatment on Innervation of the Triangular Fibrocartilage Complex

Joseph Pirolo, Wei Le, Jeffrey Yao
Stanford University Medical Center Palo Alto, CA USA

A-0120 The diagnosis and treatment for TFCC injury with wrist arthroscopy

Kazunari Tomita¹, Jun Ikeda², Keikichi Kawasaki³, Katsunori Inagaki³
¹ Showa University Koto Toyosu Hospital, Department of Orthopedic Surgery, Tokyo, Japan; ² Showa University Yokohamashi Northern Hospital, Department of Orthopedic Surgery, Yokohama, Japan; ³ Showa University School of Medicine, Department of Orthopedic Surgery, Tokyo, Japan

A-0121 study of lunate kinematic after ligament sectioning using gated 4-Dimensional computed tomographic imaging

Wang Qiao, Ita Suzana Mat Jais, Tay Shian Chao
Department of Hand Surgery, Singapore General Hospital, Singapore

A-0123 Correlation between fracture site and dorsal intercalated segment instability (DISI) in 100 cases of scaphoid non-union

Keikichi Kawasaki^{1,2}, Martin Leixnering², Christoph Pezzei², Kazutoshi Kubo^{1,2}, Katsunori Inagaki¹
¹The department of Orthopaedics, Showa university, Tokyo, Japan ²The department of Orthopaedics, Lorenz Boehler, Wien, Austria

A-0125 Low-flow vascular malformation: one case in an 8 years old child

Violeta Levy, Marcelo Mazzola, Martin Gonzalez
Hospital Español de Buenos Aires, Argentina.

A-0127 The outcome of distal radius fractures with ipsilateral elbow injury

Youn Moo Heo¹, Sang Ki Lee²

¹ Konyang University Hospital, Daejeon, South Korea; ² Eulji University Hospital, Daejeon, South Korea

A-0128 Comparison of long-term clinical outcomes between progressive and non-progressive wrist osteoarthritis after volar locking plate fixation of distal radius fractures

Takeshi Katayama¹, Hiroshi Ono², Daisuke Suzuki², Shohei Omokawa³

¹ Kokuho Central Hospital, Nara, Japan; ² Nishinara Central Hospital, Nara, Japan; ³ Nara Medical University, Nara, Japan

A-0131 Simultaneous corrective osteotomy and fracture fixation in polydactyly patient : A case report

Ja Hea Gu, Young Ho Kim

Department of Plastic Surgery, Dankook University Hospital, Cheonan, South Korea

A-0132 Iatrogenic metacarpal fracture secondary to K-wire fixation in a patient with intra-articular fracture of base of fourth and fifth metacarpal with subluxation of CMC joint : A case report

Jae Doo Joo, Ja Hea Gu

Department of Plastic Surgery, Dankook University Hospital, Cheonan, south Korea

A-0133 Could immediate treatment change management method of digital tendon avulsion? : a systematic review

Sam-Guk Park, Young-Jin Ko

Yeungnam University Hospital, Daegu, Korea

A-0134 Characteristics of referrals to the only Hand Rehabilitation Clinic in Kuwait

Mohammed Sh. Nadar, Naser Al-Otaibi, Ghaidaa Faisal

Kuwait University - Kuwait

A-0136 Fibrous arthroplasty in complication of fracture-dislocation F2 base in fifth finger

Montserrat del Valle¹, Àngel Ferreres², Ana López¹, Pierclaudio Caputo¹, Víctor Rodríguez¹, Ignasi Manent¹

¹ Hospital de l'Esperit Sant, Santa Coloma de Gramenet, Barcelona, Spain; ² Institut Kaplan, Barcelona, Spain

A-0137 The use of Ultrasonography to determine the optimal injection depth for Collagenase Clostridium Histolyticum in the treatment of Dupuytren's contracture

Issei Nagura¹, Takako Kanatani¹, Yoshifumi Harada¹, Masatoshi Sumi¹, Atsuyuki Inui², Yutaka Mifune², Takehshi Kokubu²

¹ Department of Orthopaedic Surgery, Kobe Rosai Hospital, Kobe, Japan ² Department of Orthopaedic Surgery, Kobe University Graduate School of Medicine, Kobe, Japan

A-0138 Results of distal radius autoplasty in cases of giant-cell tumor

Volodymyr Protsenko, Volodymyr Chorneyi

Institute of Traumatology and Orthopedics of NAMS of Ukraine

A-0145 Radius Core Decompression for Kienböck's Disease Stage IIIA. Outcomes at 13 Year Follow-up

Pablo De Carli, Ezequiel Ernesto Zaidenberg, Agustin Donndorff, Jorge Guillermo Boretto, Gerardo Luis Gallucci

Italian Hospital of Buenos Aires, Buenos Aires, Argentina

A-0147 Primary closure of simple syndactyly without the use of full thickness skin grafts following excision of fat from the digit – A Case Series

Parneet Gill, Maria Kelly, Paul McArthur

Alder Hey Hospital, Liverpool, UK

A-0152 Factors affecting the clinical outcomes of multistrand repair and early active mobilization therapy for acute Zone II flexor tendon injury

Yasunori Kaneshiro¹, Noriaki Hidaka², Kiyohito Takamatsu³, Hideki Sakanaka¹, Yoshiki Yamano¹, Koichi Yano¹

¹ Hand and Microsurgery Center, Seikeikai Hospital; ² Department of Orthopaedic surgery, Osaka City General Hospital; ³ Department of Orthopaedic surgery, Yodogawa Christian Hospital

A-0154 Secondary tendinopathy after distal radius volar plate fixation: Results of eight years' experience

Ignacio Rellan, Gerardo Luis Gallucci, Jorge Guillermo Boretto, Verónica Andrea Alfie, Agustín Donndorff, Pablo De Carli

Sector de Cirugía de Mano y Miembro Superior Instituto de Ortopedia y Traumatología "Dr. C. Ottolenghi" Hospital Italiano de Buenos Aires

A-0155 Memory staple arthrodesis of the osteoarthritic thumb CMC Joint in middle aged men

Amanda King, Andrew Bebbington, Dougie Russell, David Newington

Morrison Hospital, Swansea. UK

A-0156 Unaugmented versus Augmented Screw Fixation in Scaphoid Fractures treated with Bone Grafting

Sze-Ryn Chung¹, Leow Qi En Mabel², Tay Shian Chao^{1,2}

¹ Department of Hand Surgery, Singapore General Hospital; ² Biomechanics Laboratory, Singapore General Hospital

A-0157 Distal Radius Nonunion: Subjective Hand Functional Impairment and Mid term Results after Radial Consolidation

Pablo De Carli, Maria Laura Tripodi, Nicolás Atala, Gerardo Gallucci, Agustin Donndorff, Jorge Boretto
Hospital Italiano Buenos Aires, Argentina

A-0158 Wound fluid of fingertip injuries and split skin donor sites treated with occlusive dressings show a time-dependent influence on the migration and proliferation of mesenchymal stem cells

Michael Cerny¹, Ursula Hopfner¹, Elisabeth-Maria Haas², Holger Erne¹, Kai Megerle¹, Manuela Kirsch¹, Riccardo Giunta², Hans-Günther Machens¹, Arndt F. Schilling³
¹ Klinikum rechts der Isar, Munich, Germany ² Universitätsklinikum Ludwig-Maximilian-Universität, Munich, Germany ³ Universitätsmedizin Göttingen, Germany

A-0160 SL Ligament reconstruction: 4 years results after performing a SL ligament repair using 2 biotenodsis screws

Thomas Brockamp, Thomas Bayer-Sandow, Bernd von Maydell, Martin Richter
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A-0161 Treatment of distal radius metaphyseal comminution fracture by volar locking plate fixation -comparison of results between pronator quadratus sparing technique and conventional technique-

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A-0163 Minimally Invasive Plate Osteosynthesis of Comminuted one bone Fractures of Forearm Shaft

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A-0164 Midcarpal Fusion: Clinical and Radiological Evolution after Minimum 3 years follow-up

Pablo De Carli, Ignacio Oñativia, Gerardo Gallucci, Agustin Donndorff, Jorge Boretto
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A-0165 The Role of Neurolysis for Hourglass Constrictions in Parsonage-Turner Syndrome

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A-0166 Accurate clinical coding – getting your just desserts

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A-0168 Bilobed racquet flap for the treatment of a thumb degloving injury, case report

Jose Couceiro, Ayala Higinio, Sanchez-Crespo Manuel, De La red Mariangeles, Velez Olga, Rebeca Barcenilla, Del Canto Fernando, Vanesa Martinez, Lourdes Datsira
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A-0169 Hyper-extension K-wire fixation technique in the treatment of Chronic Tendinous Mallet finger

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A-0170 The results of Percutaneous Screw Fixation without Bone Grafting of Scaphoid Non-Union under local anesthesia

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A-0171 Vascularized fibular grafting for treating pseudarthrosis of the forearm bones caused by infection

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A-0174 Functional Results of Index Finger Amputations

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A-0177 Bridge plate technique in comminuted fracture dislocation of the carpometacarpal joint

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A-0180 Effect of smoking on outcomes of volar locking plate fixation for distal radius fractures

Kazuaki Mito, Eiko Yamabe, Kentaro Fukuda, Atsushi Funayama, Kazuya Kitamura, Hidenori Tanikawa, Atsuhiko Fujie, Hitoshi Umezawa, Kazutaka Takada, Ryo Matsumoto, Takeshi Kimura, Sou Nomoto
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A-0181 Anatomical Origins of Radial Artery Perforators Evaluated Using Color Doppler Ultrasonography

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A-0185 Treatment of scaphoid B2 fractures by one or two headless bone screws

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A-0188 The effect of osteoporosis on outcomes of postmenopausal women with distal radius fractures treated with a volar locking plate

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A-0190 The patient's perspective on carpal tunnel surgery related to the type of anesthesia: a retrospective comparative study in Japan

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A-0191 Comparison of Amputee Fixation Methods in Tamai's Zone I Amputation

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A-0192 A pitfall in preoperative planning of comminuted distal humerus fractures

Masao Okamoto, Kosho Toge, Yositada Usami

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A-0196 Radial tunnel Syndrome. Ultrasonography guided hydraulic release associated with corticosteroids

Cristobal Greene, Arturo Verdugo, Lorena Parra, Julio Rosales, Guillermo Droppelmann

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A-0198 Evaluation of computed tomography imaging in patients with extensor pollicis longus tendon rupture after distal radius fracture

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A-0199 Entrapment of Digital Nerves due to an Embedded Ring: A Case Report

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A-0207 Treatment decisions for finger tip amputations

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A-0209 Minimally invasive fixation of fractures of the hamate hook with cannulated headless screws

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A-0214 Multiple Sites of Kimura's Disease Occurring Along Multiple Peripheral Nerves in the Same Patient: A Case Report

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A-0216 Limitations of acute management of high altitude climbers with frostbites injuries - A case series of 3 patients with frostbite injuries treated in Singapore hospitals

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¹ - Tan Tock Seng Hospital, Singapore ² - Singapore General Hospital, Singapore ³ - Khoo Teck Puat Hospital, Singapore

A-0219 Preliminary results of multicenter trial about the use of carboxy-methyl-cellulose and poly-ethylene-oxide gel (dynavisc®) in tenolysis in the zone II of flexor tendons of the hand

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A-0223 Adductor Tenotomy combined with palmar capsulodesis for Spastic Thumb-in-Palm Deformity in Cerebral Palsy: Description of a Surgical Technique and Clinical Results. Case Series

Luis A. Garcia, Barbara Gomez-Eslava

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A-0224 Percutaneous Pinning vs. Internal Fixation With Locking Plate: Postoperative Results of Conminuted Fractures of the Distal Metaphysis of the Radius

Jorge Manrique, Sebastián Andrés Mosquera, Elina Huerfano, Carlos Alfonso Rodríguez, Edmundo Ford, Luis Alejandro García
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A-0228 Intramuscular tendons of the adductor pollicis and the thumb metacarpophalangeal joint capsule: an anatomic study with implications regarding Stener lesion

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A-0229 Pedicled vascularized bone graft for scaphoid nonunion with a history over 10 years

Tetsuya Nemoto, Keikichi Kawasaki, Sadaaki Tsutsui, Hiroki Nishikawa, Wakako Sakamoto, Katsunori Inagaki
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A-0230 Relationship between Dorsal Subluxation and Symptoms in Thumb Carpometacarpal Osteoarthritis

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A-0231 Finite Element Analysis of Smith Fracture of Distal Radius with hit of palm on the ground

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A-0233 Loose body in the distal radioulnar joint (DRUJ) resected with DRUJ arthroscopy

Koichi Yano, Yasunori Kaneshiro, Yoshiaki Yamano, Hideki Sakanaka
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A-0235 Rethinking the Approach to Flexor Tendon Ruptures: a Case Report and Literature Review on the Management of Flexor Tendon Rupture of the Little Finger

Lee Shimin Jasmin, Duncan Angus McGrouther
Singapore General Hospital, Singapore, Singapore

A-0236 Treatment of a 78y old patient with a Schecker Prosthesis after distal ulna osteolytic lesion during Non Hodgkin Lymphoma

Markus Jakubek, Martin Enzendorfer, Klemens Trieb
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A-0239 Intramedullary fixation of metacarpal fractures. Is the new technique better than the classic one?

Higinio Ayala ¹, Jose Couceiro ¹, Maria Angeles de la Red ¹, Olga Velez ¹, Manuel Sanchez ¹, Fernando del Canto ¹, Juan Ramon Sanz ¹, Marta de Prado ¹, Vanesa Martinez ¹, Lourdes Datsira ²
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A-0241 The use of pedicle flaps for the treatment of amputation of the fingertip

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A-0242 Arteriovenous fistula after Sural Neurocutaneous flap in a lower leg

Hongje Kang ¹, Sang Su Han ², Byung Min Yoo ¹
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A-0246 Did we found the perfect method to repair the flexor tendons in Zone II?

Alexandru Georgescu, Ileana Matei, Irina Capota, Octavian Olariu
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A-0248 Treat of pain following trapeziectomy with mini tigh trope stabilisation

Joaquin Rodriguez Miralles ¹, Montserrat Del Valle Jou ², Anna Escola Benet ¹, Luis Gerardo Natera Cisneros ¹, Jan Carlos Fallone Lepi ¹, Marc Cots Pons ¹
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A-0249 Neglected ulnar translocation of the carpus. A case report

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A-0251 Effectiveness of bipolar radiofrequency in the operative treatment of lateral epicondylitis

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A-0252 A rare case of multiple schwannomas in a single digital nerve

Nader Henry, Wee Sim Khor, Anil Agarwal
Royal Preston Hospital, Preston, United Kingdom

A-0254 Dupuytren's contracture: Long term results after treatment with excision of the contracted palmar fascia

Sokratis Varitimidis, Ioannis Antoniou, Kostas Banios, Vasilis Kontogeorgakos, Zoe Dailiana, Konstantinos Malizos
University Hospital, Larissa, Greece

A-0255 Wrist Arthrodesis for Failed Total Wrist Arthroplasty. Two cases report

José A. Oteo, Patricia Merino, Almudena Orois
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A-0261 The effectiveness of small screw fixation in bony mallet finger

Hyun Dae Shin, Soo Min Cha, Jae Won Lee
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A-0262 Donor and Recipient bone marrow-derived stromal cells prolong graft survival in a rat hind limb allotransplantation model

Ryosuke Ikeguchi, Ryosuke Kakinoki, Souichi Ohta, Hiroki Oda, Hirofumi Yurie, Hisataka Takeuchi, Hiroto Mitsui, Tomoki Aoyama, Junya Toguchida, Shuichi Matsuda
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A-0266 Arthroscopic Resection of a Tenosynovial Giant cell tumor in the Wrist - A Case Report -

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A-0271 The Correlation between Simple Radiologic Parameters and Flexor PollicisLongus Contact to Volar Locking Plate

Joo-Hak Kim, Jun-Yub Kim, Do-Hyun Kim
Myong-Ji Hospital

A-0276 bony fixation with Kirchner wire in Tamai's zone I amputation: is it necessary?

Sung-No Jung, Hyung-Sup Shim, Yeon Jin Jeong, Bommie Florence Seo, Ho Kwon
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A-0278 A simple scoring system for predicting postoperative recovery of abductor pollicis brevis in severe carpal tunnel syndrome

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A-0279 Oncologic resection of the entire fifth metacarpal bone following functional reconstruction with a Y-shaped bone fusion to the fourth metacarpal: A case report

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A-0280 Intramedullary fixation with cannulated screw and cancellous bone graft for the treatment of a pathological fracture of the proximal phalanx: case report

Marta de Prado¹, Higinio Ayala¹, María de los Ángeles de la Red¹, José Couceiro¹, Manuel Sánchez¹, Olga Vélez¹, Fernando Del Canto¹, Vanesa Martínez¹, Lourdes Datsira², Juan Ramón Sanz¹
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A-0288 Changes in Ulnar Variance after Forearm Shaft Fractures

Jung-In Shim, Jin-Hyung Im, Hanvit Kang, Il-Jung Park, Joo-Yup Lee, Yang-Guk Chung
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A-0289 Clinical significance of proximal interphalangeal joint pain in patients with trigger fingers

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A-0290 A ganglion cyst at the antecubital fossa causing radial nerve compression

Byung Yeun Kwon, Jong Yun Choi, Sang Wook Park, Hak-Soo Kim, Young Joon Jun, Dong Hwi Kim
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A-0291 Stretching is a New Tool for Conservative Treatment of Trigger Finger

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A-0292 Diagnosis of distal radioulnar instability with distal radius fracture –Utility of DRUJ ballottement test-

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A-0306 Revalidation of the orthopaedic residency curriculum in Hand Surgery - A caseload analysis

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A-0307 Assessment for learning - Our experience with Evernote

Daniel Hap, Chong Xue Ling, Vaikunthan Rajaratnam

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A-0308 Clinical results of marginal fractures of distal radius treated with volar locking plate: Variable Angle Volar Rim plate

Shotaro Hashimoto, Keikichi Kawasaki, Nobuaki Okamatsu, Tetsuya Nemoto, Sadaaki Tsutsui, Katsunori Inagaki

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A-0309 New Predictors of Unstable Distal Radius Fractures

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A-0310 Reconstructions of the avulsed thumb - technical possibilities - functional and aesthetic results

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A-0311 Case Report of Saturday Night Palsy after Briefly Lying on Her Front

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A-0314 Usefulness of the S-GAP Free Flap for the Open Tibia Fracture

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A-0317 Essex-Lopresti lesion associated with an impacted radial neck fracture. Report of 2 cases.

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A-0319 Percutaneous fixation of distal radial fractures with and without plaster splint immobilisation

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A-0320 Results of the treatment of chronic, refractory CRPS with ketamine infusions: a preliminary report.

Andrzej Żyłuk, Piotr Puchalski

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A-0322 Statistical and histological analysis of the tumours within the upper extremity

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A-0324 Preoperative second lumbricalis compound muscle action potential of patients with severe carpal tunnel syndrome can be a predictive factor for postoperative muscle recovery

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A-0326 Rehabilitation in distraction after resection of the 1st row of carpal bones and placement of an RCPI prosthesis.

Boutan Michel, Baladron Rosario, Ziegler Marieke, Boutan Angélique, Stierlen Gaetan, Descamps Alexandre, Rezzouk Joel, Bogdan Alessandra

A-0327 Thermoplastic Thomine-modified splint after closed reduction for Boxer's fracture: a retrospective study

Pauline Grosclaude

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A-0330 Eponychial flap refinement in the treatment of "hook-nail" deformity

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A-0334 Epidemiology of tumors and tumor like lesions of the hand and wrist in the Greek population. A 20-year retrospective study.

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A-0337 The Effect of Growth Differentiation Factor 8 (Myostatin) on Bone Marrow Derived Mesenchymal Stem Cell Coated Bioactive Sutures in a Rabbit Tendon Repair Model

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A-0339 Development of a Reproducible Method of Creating an Upper Limb Swelling Model

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A-0341 The Versatile Foucher Flap: A case report and 33 consecutive case series by a single surgeon

Claire Sethu, Ankur Pandya

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A-0345 Maybe the arthroplasty with spacer the best solution of CMC arthrosis in “young” patients ?

Gaetano Carriere, Gaetano Maci

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A-0347 Distraction ulna osteogenesis associated a Ligamentous reconstruction of the interosseous membrane in Child with Multiple Cartilaginous Exostosis: showed new technique and a case report.

Marcio Aita ¹, Danilo Gabriel do Nascimento Silva Barronovo ¹, Gabriel Costa Almeida ¹, Rodrigo Montemor Bernardo ¹, Gustavo Mantovani Ruggiero ², Fabio Lucas Rodrigues ¹

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A-0353 Arthroscopic Management of perilunate dislocations and fracture-dislocations: Is there a place for this surgical option?

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A-0354 Arthroscopic treatment of symptomatic wrist ganglion: How effective labeling with methylene blue under high resolution ultrasound improving the results?

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A-0355 Surgical treatment Distal radius fractures (DRF): Comparative Clinical-Radiological Assessment with and without Arthroscopic Assistance

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A-0356 Endoscopic release of "DeQuervain Disease" Retrospective review with a minimum follow up of 2 years.

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A-0357 Functional Outcome and Complications of Open Reduction and Internal Fixation with Low Profile's Plate in Hand Fractures

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A-0358 Knotless Arthroscopic Repair of Unstable Type IB injuries of Triangular Fibrocartilage Complex: A retrospective review of a series cases.

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A-0359 Constrictive radial nerve palsy without extrinsic compression: Nearly complete recovery 18 months after epineurotomy

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A-0360 Operative treatment of extensor carpi ulnaris subluxation

Ho-Jung Kang ¹, Sang-Yun Lee ¹, Yun-rak Choi ¹, Il-Hyun Ko ¹, Won-taek Oh ¹, Bum-Suk Oh ¹, Sung-hoon Jung ²

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A-0361 Synovial chondromatosis of the first metacarpophalangeal joint: Case report

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A-0362 Ulnar Variance : Its Relationship to Triangular Fibrocartilage Complex Repair Outcome

Ki Jin Jung ¹, Jae-Hwi Nho ¹, Byung-sung Kim ¹, Hyun Sik Gong ²

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A-0363 Deep transverse metacarpal ligament reconstruction using A1 pulley : Case report

Bum-suk Oh, Ho-Jung Kang, Hyoung-sik Kim, Yun-rak Choi, Il-Hyun Ko, Won-taek Oh, Sang-Yun Lee

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A-0364 Surgical treatment of scaphoid nonunion using free vascularized bone graft based on the 4th extensor compartment artery

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A-0366 Outcomes of the 6-strand M-Tang method in primary repairs of 80 finger flexor tendons in zone 1, 2 and 3

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A-0370 Outcome of arthroscopic synovectomy for stage II to IV thumb carpometacarpal joint arthritis

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A-0372 Simultaneous volar fracture-dislocation of distal interphalangeal joint and dorsal fracture-dislocation of proximal interphalangeal joint in a single digit (Double fracture-dislocations in a single digit)

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A-0375 Non-Tuberculous Mycobacterial tenosynovitis of the hand

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A-0381 Wound healing process in the palm of the hand after surgery

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A-0385 Characteristics of the carpal bone fractures concomitant with the distal radius fractures

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A-0386 Clinical Outcomes of collateral ligament repair at the metacarpophalangeal joints of the thumb and the proximal interphalangeal joint of fingers using a Mitek® anchor

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A-0388 The strength and consistency of the associations between Dupuytren disease and diabetes, epilepsy and liver disease

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A-0389 Enzymatic debridement for the initial treatment of burned hands

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A-0390 Epidemiologic study of bone mineral density examinations and osteoporosis treatment in patients with distal radius fractures

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A-0392 Result of the 1st Carpometacarpal Joint Arthrodesis with Two Headless Screws

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A-0396 Functional Results of Radial Head Fractures Treated with Different Methods: Preliminary Results

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A-0398 Sonographic predictors for healing or poor outcomes in patients with lateral epicondylitis

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A-0399 Radius nonunion after operation for a diaphyseal radius and ulna fracture in a child

Naofumi Hashiguchi, Akira Kawabata, Kensuke Iimori, Yasunari Awa, Kiyohito Takamatsu

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A-0400 Outcomes of percutaneous trigger finger release with concurrent steroid injection

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A-0403 Reconstruction of three-dimensional knee defects and extensor mechanism deficiency using concurrent chimeric anterolateral thigh flap and autogenous hamstring tendon

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A-0404 Clinical outcomes of Fernandez classification type 4 distal radius fractures

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A-0405 The Usefulness of the subcutaneous ulnar nerve anterior transposition in cubital tunnel syndrome patients with elbow stiffness

Il-Hyun Koh, Hyung-Sik Kim, Yun-Rak Choi, Won-Taek Oh, Ho-Jung Kang

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A-0410 Clinical Outcomes of Surgical Treatment for Chronic Fracture-dislocation of the Proximal Interphalangeal Joint

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A-0412 Microstructure study of the normal lunates and Kienböck's lunates with MicroCT imaging

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A-0418 Memory Staples and PRP in the treatment of scaphoid nonunion and delayed union.

Fioravanti Cinci Giulio, De Vitis Rocco, Parrone Giuseppe, Bocchino Lorenzo, Fanfani Francesco

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A-0421 Do you use 3D printed replicas of fractures for your patients?

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A-0442 Functional Outcomes Following Nerve Transfers for Upper Brachial Plexus Reconstruction – Case Series

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A-0446 Patient designed device for Trigger finger: Their health in their hands

Kimberley Lau, Suresh Madhavan Anandan

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A-0448 Acute ulnar neuropathy following contraceptive implant insertion: A case report and a review of literature

Ayman Saeed, Nitisha Narayan, Ankur Pandya

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A-0451 Retractor choice and pressures around the median nerve during the Flexor Carpi Radialis bed approach

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A-0453 Percutaneous pinning versus volar locking plate for distal radius fractures: clinical and radiographic outcomes according to age

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A-0456 "Wrap it, bag it and dunk it". Do frontline staff know how to appropriately store an amputated digit(s)?

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A-0458 Fixation of volar marginal rim fractures of distal radius with hook plate: preliminary results.

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A-0460 Hand therapy after collagenesetreatment for Dupuytren disease? -The making of a randomized controlled study

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A-0461 Polyaxial locking plate fixation for unstable distal ulna fractures with concomitant distal radius fractures

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A-0462 “Confusing transparency” – The public perception of surgical outcome data and how this could affect Plastic surgery

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A-0464 Scaphoid proximal pole nonunion treatment with Anterograde fixation and Metaphyseal Core Decompression: a prospective series.

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A-0466 “A picture says a thousand words” – Novel teaching model for interdigitating flaps in syndactyly

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A-0468 “Lead from the front” – The effects of a consultant led trauma service on trauma patients waiting times in the Sheffield Hand centre

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A-0469 Effect of screw numbers and location on stability simulated distal radius fractures fixed with volar locking plates

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A-0473 Long term clinical outcome after parallel plate fixation for comminuted distal humerus fractures

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A-0474 Comparative analysis of percutaneous needle fasciotomy versus open fasciectomy in Dupuytren's contracture

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A-0475 External fixation and dynamic distraction with Kirschner - wire frames for complex phalangeal fractures

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A-0477 Hand Fracture Fixation with Bio-Absorbable Metal Screws

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A-0478 Our experience regarding compressive neuropathies

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A-0480 A special case of free functional muscle transfer of upper limb using latissimus dorsi and gracilis muscles

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A-0481 The Usefulness of Radial Columnar Plate in Distal Radius Fracture: Indications and Results

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A-0482 A special case of upper limb function restoration using retrograde vascularized ulnar nerve transposition and gracilis muscle as free functional muscle transfer

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A-0483 Innovation in upper limb free functional muscle transfer – two case reports

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A-0484 Delayed venous repair for distal phalanx replantation

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A-0485 Body hamate coronal fracture

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A-0491 Management of TFCC injuries – short term results of foveal re-attachment by ulnar tunnel technique

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A-0494 Assessment of the Upper Limb Functions in Children with Obstetrical Brachial Plexus Palsy- Effects of Nerve Surgery and/or Tendon Transfers

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A-0496 Upper Limb Appearances and Functions of Children with the Obstetric Brachial Plexus Palsy from Self Evaluation

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A-0497 Subtle, But Irreducible, Proximal Interphalangeal Dislocation

Belén García-Medrano, Clarisa Simón Pérez, María Plata García, Blanca Ariño Palau, Fernando Moreno Mateo, Miguel Martín-Ferrero
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A-0498 Bell clapper test: a new test to evaluate the integrity of the flexor digitorum superficialis

Antonio Carlos da Costa, Rafael Rafael Rodegheri, Ivan Chakkour
Santa Casa de São Paulo - São Paulo, Brazil

A-0502 The use of 2nd metacarpal bridging implant for salvage 1st CMCJ replacement.

Rami Estfan, Greg Packer
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A-0506 Dorsal plating for highly defined fracture pattern of the distal radius

Jorge Boretto, Gonzalo Altube, Eliana Petrucelli, Gerardo Gallucci, Pablo De Carli
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A-0509 Outcome of plate fixation of hand fractures in a local hospital

Chong Xue Ling, Jane Sim, Vaikunthan Rajaratnam
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A-0510 Nail Bed Granuloma As a Complication of Nail Bed Injuries: A series of 3 cases

Benjamin Tze Keong Ding, Mala Satkunanatham, Sreedharan Sechachalam
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A-0512 The risk of implant failure after corrective osteotomy for post-traumatic deformity of distal radius with Volar locking plate

Keikichi Kawasaki, Ippei Murashima, Hiroki Nishikawa, Sadaaki Tsutsui, Tetsuya Nemoto, Katsunori Inagaki
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A-0515 Finger-tip reconstruction with adipofascial island flap

Deokhyeon Ryu, Seungjun Jwa, Kyungjin Lee, Dongchul Lee, Siyoung Roh, Jinsoo Kim
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A-0516 Cubital tunnel syndrome caused by anconeus epitrochlearis muscle

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A-0518 Lunate excision and vascularized os pisiform transfer in advanced Kienböck's disease

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A-0519 Anatomic volar rim locking plate fixation for distal radius fracture with severe volar articular comminution

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A-0522 Incomplete High Radial Nerve Palsy due to Schwannoma of Radial Nerve in the Upper Arm

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A-0524 Surgical Treatment of the Posterior Interosseous Nerve Syndrome

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A-0526 Intramuscular Schwannoma Arising from the Gluteus Maximus Muscle

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A-0529 Operative treatment of the unstable distal ulnar fractures associated with the distal radius fractures

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A-0532 Treatment of chronic medial elbow tendinosis using antegrade fascial elevation and tendon origin resection

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A-0534 anterior Interosseous nerve syndrome: is it compressive neuropathy?

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A-0544 Evaluation of ulnar variance on simple radiograph : What level should we select ? - compared to finding from computed tomography -

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A-0547 Assessment of postoperative functional outcome following brachial plexus palsy: Development and validation of the Ioannina Functional Scale.

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A-0548 Replantation for Segmental Amputation of the Digits and Hand : A case report

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A-0550 Hand injuries prevention wave....

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A-0551 The Ishiguro technique for the treatment of mallet finger fracture in adolescent

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A-0553 Vohwinkel syndrome, or Keratoderma Hereditaria Mutilans. About two cases, mother and daughter

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A-0554 Correction of syndactyly with full-thickness skin grafts – 6 years' experience in a single institute –

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A-0560 Treatment of acute tendinous mallet finger in athletes: personnel experience

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A-0563 Assessment of union results of scaphoid nondisplaced fractures by CT imaging

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A-0564 Ideal placement for unlinked Kudo total elbow prostheses: biomechanical stress distribution from a finite element analysis under muscle-balancing simulations

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A-0565 Is radial translation as a predictor of functional outcome in distal radius fractures?

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A-0567 Volar locking plate combined with dynamic external fixator for the treatment of AO type C3 distal radius fractures

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A-0569 Motor Nerve Regeneration Across Cryopreserved Nerve allograft

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A-0571 Ultrasound-guided percutaneous release of the trigger thumb

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A-0572 Schwannoma of the Brachial Plexus

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A-0575 Pectoralis Major Ruptures in Athletes

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A-0576 Volar skin mobility and MP joint hyper extension properties in healthy population

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A-0577 Investigation of donor site morbidity after using of fibula and medial femoral condyle flaps

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A-0578 Results of surgical reconstruction of the thumb metacarpophalangeal joint collateral ligament : Superiority of double bundle reconstruction

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A-0584 First Interosseus muscle training for CMC osteo arthritis. Which is the exercise we can trust?

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A-0586 Retrospective study: Evaluation of patients with CRPS of the Upper Extremity treated with a standardized protocol of management

Lorena Parra, Cristobal Greene, Paula Duran

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A-0589 FPL irritation by the glass fragment retained in the hand for 30 years : A Case report

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A-0592 Buttress Plating for Volar Barton Fractures in Children/Adolescents

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A-0594 The effect of hand, wrist and forearm position during immobilisation in the treatment of distal radius fractures

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A-0596 Temporary ipsilateral stiff shoulder following volar plating of distal radial fractures

Soo Min Cha, Hyun Dae Shin

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A-0597 Sebaceous Carcinoma of the Finger Tip

Eunsoo Park, Jun Ho Park, Seung Min Nam

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A-0598 Promoting shared decision making in treatment of unstable distal radius fractures using data from evidence based treatment guidelines

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A-0600 Surgical treatment of Index, Middle, Ring, and Little Carpometacarpal Joints Fracture-Dislocation : case report

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A-0601 Early active range of motion (AROM) after flexors tendons injuries following Modified Brunelli Technique

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A-0602 Survey of patient preferences in carpal tunnel syndrome using conjoint analysis

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A-0610 Treatment for phalangeal bone defect using Masquelet technique

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A-0614 Dupuytren in a Child: Rare Presentation of a Rare Clinical Entity

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A-0616 Hand Enchondromas In 51 Korean Patients: Clinical Characteristics And Treatment Outcomes Different From Western Reports

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A-0617 Fifth metacarpal neck fractures: a systematic review of the literature and national management survey of hand surgeons and emergency department practitioners in the United Kingdom

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A-0618 Aesthetics of Distal Radius Incisions

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A-0622 Unicortical fixation of phalangeal fractures

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A-0623 Hypothenar Hammer Syndrome , solution with using the arterial graft of ramus descendens arteria circumflexa femoris lateralis

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A-0624 Evidence based data on the treatment of acute mallet finger

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A-0626 A specific characteristic of the carpal bone fractures in professional baseball players compared to the case of professional football players

Hiroyasu Ikegami, Shintaku Takanori, Shu Yoshizawa, Misato Sakamoto, Kayo Yamada, Yoshiro Musha, Takao Kaneko
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A-0628 Postop Evaluation of Donor Site Scars after Harvesting Radial Forearm Free Flaps for Soft Tissue Reconstructions

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A-0631 Bone marrow aspirate for Kienbock disease treatment with temporary STT fixation. Pilot study

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A-0632 Assessing the reliability of detecting dorsal scaphoid translation on radiographs

Kevin Chan, Emil Stefan Vutescu, Michelle G. Carlson, Scott W. Wolfe, Steve K. Lee
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A-0637 Results of Surgical Treatment of Carpal Tunnel Syndrome Depending on the Disease Severity

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A-0639 Post-traumatic median nerve entrapment in the elbow: Diagnosis and treatment

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A-0642 Evaluation of radiological parameters and joint balance in patients with bad consolidation of extraarticular distal radius fractures, revision of volar osteotomies

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A-0643 Combined displaced scaphoid and intra articular distal radius fractures, which one to fix first? Our experience from 76 cases

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A-0644 Pseudorathrosis of second metacarpal head. Case report

Jordi Canosa, Ch. Gordo, J. Domingo, J. J. Morales
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A-0645 Treatment of displaced boxer's fractures with an intramedullary photodynamic polymer (IlluminOss®)

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A-0646 Radio-Luno-Triquetral Ligament Transfer as an additional Stabilizer of Scapho-Lunate-Instability

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A-0648 Free digital perforator flap for repair of soft tissue defect of finger

Liwen Hao, Chao Chen, Zengtao Wang
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A-0649 Free thenar perforator flap for repair of finger pulp defect

Chao Chen, Liwen Hao, Zengtao Wang
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A-0650 COLOR CODE: Emergency splinting for hand and wrist fractures

Nicolas Bailly, Priscilla De Melis, Grégoire Chick
Hand & Wrist Unit Meyrin / Geneva, Switzerland

A-0651 Acute flexor tendon repair in zone 2 with the M Tang technique, no circumferential suture and control active motion

Thomas Giesen, Lisa Reissner, David Jann, Maurizio Calcagni
University Hospital Zurich, Zurich, Switzerland

A-0653 Innervated Digital Artery Perforator Flap

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A-0654 Recurrent volar dislocation of the distal radioulnar joint

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A-0656 Down the gullet of a metacarpal neck

Khalid Zulfiqar Qureshi, Manish Gupta
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A-0657 Incidence and Operative Therapy of Complex Carpal Injuries

Ariane Asmus ¹, Andreas Eisenschenk ²

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A-0659 An Unusual dorsal Salter-Harris Type II fracture of the distal radius with a volar metaphyseal fragment. Description and possible cause explanation.

Ana C. Silva, María C. Rodríguez-Ricardo, Oscar Gomez, Constanza L. Moreno-Serrano.
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A-0669 Topical Negative Pressure therapy in securing pedicled flaps reconstruction of complex hand wounds

Ciara Deall, Herjyot Dharni, Nathan Hamnett, Mark Foster, Rajive Jose
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A-0670 Short-term result of a pyrocarbon implant in the TMC 1 joint for osteoarthritis

Allan Ibsen Sørensen

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A-0676 A statistical analysis of the outcome of local perforator flaps in upper limb

Maria Nedu^{1,2}, Tanya Avram^{1,2}, Janko Botond², Sebastian Tinu², Ileana Matei^{1,2}, Filip Ardelean^{1,2}, Alexandru Dan Valentin Georgescu^{1,2}

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A-0680 Functional outcomes following operative repair of acute injuries to the ulnar collateral ligament of the thumb with an all-suture anchor compared to other fixation methods

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A-0682 Correction of Boutonniere deformity: A novel Approach and retrospective review of a single surgeon case series

Ayman Saeed, Nitisha Narayan, Ankur Pandya

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A-0683 Comparison of short-term results of conservative versus operative treatment of distal ulna fractures associated with distal radius fracture treated by plate osteosynthesis

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A-0691 How accurate are plain X-rays for surgical planning around the DRUJ?

Andrew Fowler, Deepak Samson, Mark Brewster

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A-0693 The effects of venous and arterial occlusion on regional skin red blood cell concentration and oxygenation in a porcine flap model

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A-0694 Follow-up of 29 patients treated with CF/PEEK distal radius plate

Damian Sutter, Dietmar Bignion

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A-0695 En block excision of the proximal ulna and reconstruction of the ulnohumeral joint with transfer of non vascularized proximal fibula, due to a secondary osteolytic lesion. Case report

Zinon Kokkalis¹, Konstantinos Tolis², Ilias Iliopoulos¹, Eleni Tatani¹, Andreas Panagopoulos¹, Panagiotis Megas¹

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A-0702 Congenital hand abnormalities in patients with 1st ray polydactyly of the foot: A case series

Lucie Wright, Susan Stevenson, Philip Henman, Brid Crowley

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A-0704 Don't mind the gap! - Volar locking plates without bone grafting for the treatment of malunited distal radius fractures

John G Galbraith, Christopher Fenelon, Michael E O'Sullivan

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A-0706 Hand Schwannoma

Sinolichka Djambazova, Dusanka Grujoska, Jadranka Zafirovska, Darko Petreski

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A-0707 Congenital insensitivity to pain – a population study

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A-0708 Isolated lumbrical rupture in a common man – An unusual case

Khalid Zulfiqar Qureshi, Petros Mikalef, Manish Gupta

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A-0709 Metacarpophalangeal Hyperextension modifies the results Thumb carpometacarpal treatment

M Dolores Gimeno García-Andrade, Laura Serrano Mateo, M Jose Perez Ubeda, Alberto Rodriguez Gonzalez, Sergio Llanos, Gloria Gutierrez-Argumosa Malvesí, Fernando Marco Martinez

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A-0710 The functional outcome, safety and costs of collagenase clostridium histolyticum injection for the treatment of Dupuytren's contracture

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A-0711 Quantitative analysis of nerve fibers in the human forearm

Johannes A. Mayer, Bernhard Gesslbauer, Laura A. Hruby, Simon Wiedemann, Stefan Salminger, Oskar C. Aszmann
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A-0712 Processed nerve allograft reconstruction of longstanding critical sensory nerve injury in the hand

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A-0714 The evaluation and treatment algorithm of the carpal tunnel syndrome in our practice

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A-0716 Fracture of the hook of the hamate in athletes and its relationship with the compression of the deep palmar branch of the ulnar nerve.

Claudia Lamas-Gómez, Laura Noguera-Alonso, Hector Leonardo Haro-Gómez, Ignacio Proubasta-Renart
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A-0717 1st carpal-metacarpal traumatic dislocations: a rare condition in children. Description of 3 cases and review of the literature

Diego Gutiérrez de la Iglesia, Roser Janariz Novel, Laura Montserrat Pérez López, Laura Castillo Ruipérez
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A-0718 10-15 year follow-up after mallet finger fracture. A pilot study on the relation between anatomical position and radiological osteoarthritis

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A-0721 Introduction of processed nerve allograft to a public sector peripheral nerve injury service

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A-0722 Surgical treatment of cubital tunnel syndrome in the UK: A survey of current practice

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A-0723 Investigation of treatment to the concurrent bilateral distal radius fractures

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A-0725 A systematic review of medial epicondylectomy as a surgical treatment for cubital tunnel syndrome

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A-0726 Treatment of Moderate Hyperextension of Metacarpophalangeal Joint Associated with Carpometacarpal Osteoarthritis of the Thumb

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A-0727 Arthroscopic assisted synthesis in distal radius articular fractures: correlation between arthroscopic reduction and fluoroscopic reduction

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A-0729 Replantation in children: literature review and our experience

Elisa Dutto, Stefania Vanni, Chiara Arrigoni, Matteo Ferrero, Maddalena Bertolini, Bruno Battiston
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A-0731 Processed nerve allograft reconstruction of longstanding critical sensory nerve injury in the upper limb

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A-0732 Factors affecting surgical outcomes for glomus tumor in finger

Jae-Hoon Lee, Duke-whan Chung, Jong-Hun Baek, Gui-Jin Kim, Won-Ho Lee, Chung-whan Lee
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A-0733 Brown tumors due to hyperparathyroidism. A diagnostic dilemma

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A-0736 RegJoint™ disk spacer a promising solution for TMC osteo arthritis treatment

Robert Mulh, Franek Dolšek, Boštjan Lah

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A-0738 Shortening wrist arthrodesis in central paralysis: a continuous series of 25 cases

Bertrand Coulet, Adeline Cambon-Binder, Iskander Djerbi, Isabelle Laffont, Flavia Coroian, Michel Chammas

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A-0740 A case report of a lead-hand induced contact burn on elective surgery of the congenital hand

Alex Dearden, Brid Crowley

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A-0745 Plastic Surgery SHO hand trauma knowledge, what do we need to know?

Alex Dearden, Ben Stong, Angela Sollars, Brid Crowley

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A-0747 “Categorise to survive” – A modification to the grading system for thumb ulnar collateral ligament injuries

Samuel Coulson, Simon Lee

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A-0749 Calcifying tendonitis of the flexor carpi ulnaris. Report of 3 cases in amateur golfers

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A-0751 Distal Radioulnar Joint Arthroplasty. About a complex case.

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A-0754 Distal radius fractures with ipsilateral lateral elbow injuries

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A-0757 Pisotriquetral involvement in ulnar sided wrist pain after four corner arthrodesis

Emanuele Pamelin, Alessandra Scalese, Belinda Cedron Novoa, Carlo Grandis

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A-0760 Vascularized Plantar Metatarsal flap transferred to Repair Great Toe Wound After Harvesting Wrap-around Flap to Reconstruct Finger or Thumb

Shenqiang Qiu, Zengtao Wang

A-0763 Hand Function Salvage with Imatinib® in a Recurrence of Giant Cell Tumor of Tendon Sheath / Local Pigmented Villonodular Synovitis (PVNS)

Jorge Manrique, María C. Rodríguez, Luis A. García, Francisco B. Linares

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A-0766 Delayed Distal Radial Fracture Fixation - Radiographic and Functional Outcomes in a Two Surgeon Consecutive Case Series.

Naeil Lotfi, Leonidas Dimou, Sabreena Mahroof, Andrew Raine

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A-0767 Arthroscopic mid-carpal partial wrist arthrodesis. Early experience on ten cases

Maurizio Calcagni, Olga Politikou, Thomas Giesen, Pietro Giovanoli

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A-0768 5th finger PIP arthrodesis as an optional treatment for stage 4 Dupuytren's contracture.

Mateusz Glod, Tobiasz Szajerka, Jerzy Jablecki

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A-0769 Percutaneous pull-through wire surgical treatment for mallet finger

Kou Wei, Zengtao Wang

A-0771 The Surgical Anatomy of the Superficial and Deep Palmar Arches: a Meta Analysis.

Patrick Popieluszko^{1,2}, Brandon Michael Henry^{1,2}, Przemysław Pekala^{1,2}, Alex Zayachowski^{1,2}, Michał Zarzecki^{1,2}, Jerzy A Walocha^{1,2}, Krzysztof Tomaszewski^{1,2}

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A-0775 Safe Posterolateral Approach for Proximal Radial Surgery Determined by Dynamic Ultrasound

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A-0776 Immediate closure of Gustilo type IIIB open tibial fracture with calf muscle flap

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A-0777 Functional outcomes after open reduction of metacarpal fractures, using two different osteosynthesis techniques: a retrospective cohort study

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A-0784 Rare benign tumors in the hand and fingers – clinical, paraclinical and histopathological aspects

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A-0786 Soft tissue sarcoma at the upper extremity – a challenge for oncological and reconstructive surgery

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A-0787 Managing the gap due to bone loss in hand and forearm

Khalid Masood, Khalid Zulfiqar Qureshi, Muhammad Umar Zahoor

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A-0790 Wide-awake palmaris longus tendon transfer to restore thumb functional disability

Koji Moriya, Takae Yoshizu, Naoto Tsubokawa, Hiroko Narisawa, Yutaka Maki

Niigata Hand Surgery Foundation, Seiro-machi, Japan

A-0792 An audit to demonstrate that Hand Therapy Practitioners working as ESP's (extended scope practitioners) can list hand unit patients for Trigger finger (A1 pulley) release appropriately, meeting acceptable Trust & hand unit standards.

Jo Ellis, Melanie Arrundel, Helen McKenna

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A-0794 Simplified osteosynthesis of fifth metacarpal neck fractures

Lior Amsallem, Damien Delgrande, Jérôme Pierrart, Thomas Bihel, Thibault Lafosse, Emmanuel Masmejean

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A-0797 Use of a modified GoPro action camera for filming hand surgery procedures. A new trend!

Constantinos Kritiotis

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A-0798 Anterior interosseous nerve syndrome diagnosis and surgical treatment

Sang-uk Lee, Kitae Na, Jin-young Nho

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A-0807 Identification and treatment of intracarpal ligament injuries

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A-0808 Short, double elastic nailing of severely displaced distal pediatric radial fractures – a new method for stable fixation.

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A-0810 The role of the Pronator Quadratus muscle in the vascularity of the distal radius

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A-0812 Treatment of Infected segmental Bone Defects In Upper Limb with the Induced Membrane Technique.

Carlos Arroyo Sánchez, Jorge Rueda, Guillermo Varón, Cesar Abril, Helman Monroy

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A-0815 Prevalence and incidence of doctor-diagnosed Dupuytren disease: A population based study

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A-0819 Upper Extremity Injuries In Elite Female Water Polo - An Epidemiological Study

Noémi Szakács, Attila Pavlik

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A-0821 Development of a Standardised Outcome Data set for Upper Limb Reconstruction following Spinal Cord Injury

SJ Beale, C Miller, S Tan, D Power

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A-0822 Standardising Assessment and Outcome Measures for the Upper Limb in adults patients with spasticity

SJ Beale, K Birha, P Mikalef, D Power

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A-0825 Agenesis ulnae. A case report: surgical steps taken from 2 to 12 years of age.

Jaroslav Ciganak, Tomas Ciganak

MANUS-MED Prievidza, SLOVAKIA

A-0826 Pyogen arthritis after wrist arthroscopy - case report

Noémi Szakács, Rita Kovács

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A-0829 Investigation of Functional Status and Activity Participation After Distal Radius Fracture

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A-0830 The perception of the effectiveness of continuing hand surgery education (CME) in Bangladesh

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A-0832 Early results of human nerve allografts in the hand

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A-0834 Median nerve paralysis following jellyfish sting

Christiana Savvidou

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A-0836 Treatment of Physeal Fractures of the Distal Radius by Volar Intrafocal Kapandji Method

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A-0837 nonvascularized autogenous bone graft for treatment of hook nail deformity

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A-0838 Results following use of a porcine submucosa extracellular matrix wrap in the management of recurrent or intractable cubital tunnel syndrome

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A-0840 Persistent and recurrent carpal tunnel syndrome: flap covering or nerve wrapping?

Cesare Tiengo, Andrea Monticelli, Erica Dalla Venezia, Franco Bassetto

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A-0841 Measuring strain in peripheral nerves: A novel method

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A-0845 Distal radius "nascent dorsal malunions" treated by dorsal plating and rotated radius bone graft. Radiological and clinical medium term results with 13 cases

Avshalom Carmel, Claude Picard

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A-0849 Reconstruction of the knuckle pad using a sensate pedicled perforator flap from the dorsum of the hand – a case report

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A-0850 Post-operative DASH scores of surgically treated distal radius fractures in relation to the La Fontaine's criteria of instability

Fidelis Marie C. Zuñiga, Emmanuel Estrella, Henry Gerard Calleja, Monica Pecache
St. Luke's Medical Center, Quezon City, Philippines

A-0852 A Retrospective review of Fifth metacarpal neck fractures treated surgically and conservatively.

Foo Yun Fen Michelle, Ng Shao Hui Allan, Vaikunthan Rajaratnam
Khoo Teck Puat Hospital, Singapore

A-0853 Hematoma block for distal radius fractures – prospective randomized comparison of two volumes

Hagay Orbach¹, Guy Rubin^{1,2}, Barak Rinat¹, Nimrod Rozen^{1,2}
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A-0855 Electrical stimulation to reduce flexor tendon adhesions. Literature review and a case study.

Valérie Zufferey
Ergothérapie Renens, Renens, Switzerland

A-0859 Results of PIP joint fracture dislocations treated with hemihamate osteochondral autografting with a minimum 15-month follow-up.

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A-0860 Biomechanical and clinical examination of extensor muscles in tennis elbow cases

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A-0861 The results of somatosensory rehabilitation in patients with stage II (single) mechanical allodynia

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A-0876 Biting case: a finger envenomation by the King Cobra (*Ophiophagus hannah*) in West Midlands

Sasan Amirhassankhani, Bafiq Nizar, Parkash Lohana, Ciara Deall, Rajive Mathew Jose
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A-0882 Musculi lumbricales: an anatomical study to rediscover their functional value

Andrea Monticelli, Martino Guiotto, Franco Bassetto, Cesare Tiengorn
Clinic of Plastic Surgery, University Hospital, Padova, Italy

A-0887 Preliminary results of inferior release of shoulder combined with latissimus dorsi to restore abduction in brachial plexus birth palsy about 12 cases

Mohamed Nassim Nouara, Amar Korchi
Djihhan Hana Clinic, Algiers, Algeria

A-0888 Massive giant cell tumor in third finger of dominant hand: a significant case

Lorena Fontao Fernández¹, María José Ferreirós Conde², José Luis Fernández Luna³, Ana Torres Pérez¹
¹ Santa Lucia University Hospital, Cartagena, Spain; ² Alvaro Cunqueiro University Hospital, Vigo, Spain; ³ Emergency Service 061 Murcia, Spain

A-0890 Three significative cases of extra-articular sinovial chondromatosis : diagnosis and treatment

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A-0891 Validation of wrist PA/AP radiographs - a new method using the distal ulnar curvature as the reference of forearm rotation (preliminary report)

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A-0895 Microbiological colonization during occlusive dressing therapy in finger tip injuries

Adina Haug
Clinic of Handsurgery, Helios Clinic Schwerin, Germany

A-0897 Use of vascular osteochondral flap from medial femoral condyle for Kienböck disease

Oscar Izquierdo, Pilar Aparicio, Enric Domínguez, Juan Castellanos
Parc Sanitari Sant Joan de Déu, Barcelona, Spain

A-0901 Functional results of primary repair of flexor tendons of hand fingers with the 4 strands technique

Juan Carlos Caruso, Olazabal Alfredo, Balumelli Mauricio
Hospital Alemán, Buenos Aires, Argentina

A-0902 Management of Distal Radial Fracture with Ipsilateral Arteriovenous (AV) Fistula

Jui-Ming Yang, Ho-Ming Chang, Chia-Lung Li, Chien-An Shih, Po-Ting Wu, I-Ming Jou
Department of Orthopaedic Surgery, National Cheng Kung University Hospital, National Cheng Kung University, Taiwan

A-0988 Free flap reconstruction of crushing amputated hands and multiple finger Injuries

Park Hyun-sik, Whang Jong-ick, Seo Hyoun-gyo, Oh Beum-seok, Lim Jeoung-ju
Duson Hospital Institute of Hand and Micro Surgery, Korea

A-0130 Smoking Impact on Grip Strength and Fatigue Resistance: Implications for exercise and hand therapy practice

Saud Al-Obaidi, Nowall Al-Sayegh, Mohammed Nadar
Kuwait University, Kuwait

A-0630 Dynamic scapholunate and lunotriquetral instability: The effect of conservative treatment with specialized handtherapy

Gerald Kraan, Abi Cohen, Iris Theunis, Nina Mathijssen
Reinier de Graaf Hospital Delft

A-1006 Pneumatic tourniquets

Elena Ntouvali
Greece

A-0752 Hospital Handtherapists building an experts network to increase knowledge and experience in outpatient settings.

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Cubital Compressions

S019 Instructional Course session

A-1020 Evidence Based Approach to the Treatment of Cubital Tunnel Syndrome

Krzysztof A. Tomaszewski

Poland

A-1021 Comments

Simon Farnebo

Sweden