

Wednesday, 13 June 2018

Corrective osteotomy of the radius and ulna

S01

Wednesday, 13 June 2018 | 13:00 - 14:15 | Tivoli Congress Hall

Chair: **Wolfgang Hintringer**

A-1277 Ulnar shortening

Michael Sauerbier

Germany

15 minutes

A-1278 Corrective osteotomy radius extra-articular

Hermann Krimmer

Germany

15 minutes

A-1279 Corrective osteotomy radius intra-articular

Radek Kebrle

Czech Republic

15 minutes

A-1280 Case discussion

Wolfgang Hintringer

Austria

30 minutes

Nerve

S02

Wednesday, 13 June 2018 | 13:00 - 14:15 | Carstensen

Chair: **Gürsel Leblebicioğlu**

A-1281 Peripheral nerve repair: where do we stand?

Dominic Power

UK

15 minutes

A-1282 Peripheral nerve repair; the conduit option and management of end neuroma's

Tahseen Chaudhry

UK

30 minutes

A-1283 Evolution of my Algorithm for treating traumatic peripheral nerve injuries

Bauback Safa

USA

30 minutes

A-1303 Evolution of my algorithm for the surgical management of pain

Joaquim Casanas

USA

15 minutes

Treatment of scaphoid fracture (acute and non-union)

S74

Wednesday, 13 June 2018 | 14:15 - 15:30 | Tivoli Congress Hall

Chair: **Stephan Schindele**

A-1284 Review of imaging of the wrist

Andreas Schweizer
Switzerland
15 minutes

A-1285 Acute scaphoid fractures when and how to fix

Hermann Krimmer
Germany
15 minutes

A-1286 Scaphoid non-union: vascularized or not

Max Haerle
Germany
15 minutes

A-1287 Partial and total wrist fusion

Hermann Krimmer
Germany
15 minutes

A-1288 Case discussion

Stephan Schindele
Switzerland
15 minutes

Carpal instability

S75

Wednesday, 13 June 2018 | 14:15 - 15:30 | Carstensen

Chair: Zaf Naqui

A-1289 Understanding wrist mechanics: a practical approach

Greg Bain
Australia
15 minutes

A-1290 Acute injuries to SL ligament

William Geissler
USA
15 minutes

A-1291 Chronic injuries of SL ligament: reconstruction

Greg Bain
Australia
15 minutes

A-1292 LT injuries

William Geissler
USA
15 minutes

A-1293 Case discussion

Zaf Naqui
UK
15 minutes

Radius fractures

S76

Wednesday, 13 June 2018 | 16:00 - 17:15 | Tivoli Congress Hall

Chair: Hermann Krimmer

A-1294 Update on imaging

Wolfgang Hintringer
Austria
10 minutes

A-1295 Extra-articular fractures

Riccardo Luchetti
Italy
15 minutes

A-1296 Intra-articular fractures

Christoph Pezzei
Austria
15 minutes

A-1297 Case discussion

Hermann Krimmer
Germany
35 minutes

Reconstruction of distal radio-ulnar joint

S77

Wednesday, 13 June 2018 | 16:00 - 17:15 | Carstensen

Chair: Jan-Ragnar Haugstvedt

A-1298 Practical anatomy and imaging

Jan-Ragnar Haugstvedt
Norway
15 minutes

A-1299 Reconstruction of TFCC

Andreas Schweizer
Switzerland
15 minutes

A-1300 DRUJ implant arthroplasty: a review

Grey Giddins
UK
15 minutes

A-1301 Total joint prosthesis

Maarten van Nuffel
Belgium
15 minutes

A-1302 Case discussion

Jan-Ragnar Haugstvedt
Norway
15 minutes

Thursday, 14 June 2018

Instructional Course 1

S03 Instructional Course session

Fractures of the Hand and Carpus

Thursday, 14 June 2018 | 08:00 - 10:00 | Tivoli Congress Hall

Moderator: Michel Boeckstyns

A-1205 Welcome and Introduction

Martin Richter

Germany

3 minutes

A-1206 Epidemiology

Kevin Chung

USA

15 minutes

A-1207 Evidence

Janos Rupnik

Hungary

15 minutes

A-1208 Conservative

Grey Giddins

UK

15 minutes

A-1209 K-wire & cerclage

Anuj Mishra

UK

10 minutes

A-1210 Intramedullary screws

Maurizio Calcagni

Switzerland

10 minutes

A-1211 Plates & screws

Philippe Cuenod

Switzerland

10 minutes

A-1212 External fixation

Frédéric Schuind

Belgium

10 minutes

A-1213 Compound fractures

Thomas Giesen

Switzerland

10 minutes

Lecture 1

S04

Donald Lalonde

Thursday, 14 June 2018 | 08:00 - 08:20 | Carstensen

Chairs: Zaf Naqui, Hebe Kvernmo

A-1124 Getting Better Results with Wide Awake Surgery

Donald Lalonde

Canada
15 minutes

Imaging

S06 Free paper session

Thursday, 14 June 2018 | 08:00 - 09:40 | Lumbye

Chairs: Fabian Mounghondo, Maiken Stilling

A-0267 Carpal Alignment: A New Method for Assessment

C.A. Selles¹, L. Ras¹, M.M.J. Walenkamp¹, M. Maas², J.C. Goslings¹, N.W.L. Schep³

¹ Trauma Unit, Department of Surgery, Academic Medical Center, Amsterdam, the Netherlands; ² Department of Radiology, Academic Medical Center, Amsterdam, the Netherlands; ³ Department of Trauma and Hand Surgery, Maasstad Hospital, Rotterdam, the Netherlands

5 minutes

A-1076 The scapholunate gap increases with forearm supination. A laboratory study.

Mireia Esplugas¹, Guillem Salvà-Coll^{2,3}, Marc Garcia-Elias⁴, Alex Lluch-Bergadà^{4,5}, Manuel Llusà-Pérez⁶

¹ Hospital Activamutua-Tarragona- Spain; ² Hospital Son Espases- Mallorca- Spain; ³ IBACMA- Mallorca- Spain; ⁴ Institut Kaplan- Barcelona- Spain; ⁵ Hospital Vall d'Hebrón- Barcelona- Spain; ⁶ Departament d'Anatomia- Universitat de Barcelona- Barcelona- Spain.

5 minutes

A-0047 How Reliable is the Radiographic Diagnosis of Mild Madelung Deformity?

Sebastian Farr¹, Thierry G. Guitton², David Ring³, Science of Variation Group

¹ Orthopedic Hospital Speising, Vienna, Austria; ² University Medical Center, Groningen, The Netherlands; ³ Dell Medical School - The University of Texas, Austin, TX, USA

5 minutes

A-0206 Comparison of Contact and Non-contact Ultrasound Examination of the Hand

Rebecca Lim¹, Chin Shu Ting², Chan Kai Li², Abby Choke¹, Tay Shian Chao^{1,2}, Duncan Angus McGrouther^{1,2}

¹ Department of Hand Surgery, Singapore General Hospital, Singapore; ² Biomechanics Laboratory, Singapore General Hospital, Singapore

5 minutes

A-0952 Contribution of ultrasound in the preoperative assessment of partial wrist denervation: an cadaveric and comparative study.

Vanessa costil, Thomas Aparid

Ultrasound Surgery of the Hand, Private Hospital of Versailles, France

5 minutes

A-0876 Diagnosis of hand and forearm fractures in whole body CT after polytrauma

Friederike Münn¹, Andreas Eisenschenk^{1,2}, Martin Lautenbach³, Tobias Topp³, Simon Kim¹

¹ Universitätsmedizin Greifswald, Germany; ² Unfallkrankenhaus Berlin, Germany; ³ Krankenhaus Waldfriede Berlin, Germany

5 minutes

A-0630 Assessment of scaphoid fracture patterns using a 3D-CT model

Gernot Schmidle, Rohit Arora, Markus Gabl

Department for Trauma Surgery, Medical University Innsbruck, Innsbruck, Austria

5 minutes

A-1113 CT-scans alter treatment in 33% of scaphoid fractures deemed undisplaced by conventional x-rays

Johannes Heindl¹, Jesper Sonntag², Per Rasmussen², Per Hølmer², Birgit Waschulzik³, Claus Hjorth Jensen⁴, Anders Klahn²

¹ Lakumed Clinic Landshut-Achdorf, Germany; ² Nordsjaellands Hospital, Hillerød, Denmark; ³ Institute of Medical Informatics, Statistics and Epidemiology, Munich, Germany; ⁴ Herlev-Gentofte University Hospital of Copenhagen, Denmark

5 minutes

A-0766 Toward standardization of an anatomical coordinate system for the radius in 3D imaging: reliability of automatic and manual placement

Marieke GA de Roo^{1,2}, Johannes GG Dobbe², Geert J Streekstra², Simon D Strackee¹

¹ Department of Plastic, Reconstructive and Hand Surgery, Academic Medical Center (AMC), University of Amsterdam, Amsterdam, the Netherlands; ² Department of Biomedical Engineering and Physics, Academic Medical Center (AMC), University of Amsterdam, Amsterdam, the Netherlands

5 minutes

A-0759 Analysis of interfragmentary motion in scaphoid fractures by 4-dimensional computed tomographic imaging

Marieke GA de Roo^{1,2}, Johannes GG Dobbe², Geert J Streekstra², Simon D Strackee¹

¹ Department of Plastic, Reconstructive and Hand Surgery, Academic Medical Center (AMC), University of Amsterdam, Amsterdam, the Netherlands; ² Department of Biomedical Engineering and Physics, Academic Medical Center (AMC), University of Amsterdam, Amsterdam, the Netherlands

5 minutes

A-0037 Findings of an early limited-sequence MRI protocol in suspected scaphoid fractures

Jefin Jose Edakalathur, Kevin Syam, Adam Watts

Wrightington Hospital, Wigan, UK

5 minutes

A-0951 Magnetic Resonance Arthrography (MRA) classification of the lesions of the Dorsal Capsulo-Scapholunate Septum (DCSS) of the Wrist – Arthroscopic correlations

Luc Van Overstraeten^{1,4}, Maryam Shahabpour², Emmanuel J Camus³, Fabian Mougondo⁴

¹ Hand and Foot Surgery Unit, Tournai, Belgium; ² Universitair Ziekenhuis Brussel; (UZ Brussel); ³ SEL Chirurgie de la Main et du pied, Lesquin, France; ⁴ ULB Erasme University Hospital, Brussels, Belgium

5 minutes

A-0998 Dynamic MRI at 3T can determine the viability of the lunate bone in patients with Kienböck's disease

Anders Björkman¹, Sven Månsson², Markus F. Müller³, Martin Johansson⁴, Gunilla Müller³

Departments of ¹ Hand Surgery, ² Medical Radiation Physics, ³ Radiology and ⁴ Pathology Department of Translational Medicine (1-4), Lund University, Skåne University Hospital, Malmö, Sweden

5 minutes

Paediatric Trauma

S08 Free paper session

Thursday, 14 June 2018 | 08:00 - 09:00 | Pjerrot

Chairs: Joost Colaris, Katleen Libberecht

A-0082 Transphyseal humeral separations are associated with high rates of misdiagnosis by radiologists and emergency department physicians

Arun Hariharan¹, Christine Ho², Andrea Bauer³, Charles Mehlman⁴, Nathan O'Hara¹, Paul Sponseller⁵, Joshua M. Abzug⁶

¹ University of Maryland Orthopaedic Associates, Baltimore, USA; ² Texas Scottish Rite Hospital for Children, Texas City, USA; ³ Boston Children's Hospital, Boston, USA; ⁴ Cincinnati Children's Hospital Medical Center, Cincinnati, USA; ⁵ John's Hopkins Hospital, Baltimore, USA; ⁶ University of Maryland School of Medicine, Baltimore, USA

5 minutes

A-0261 Tension failure greenstick fractures and slightly Z-folded concave side cortex are risk factors for fracture displacement in conservative treatment of pediatric distal radius incomplete fracture without manipulation

Souichi Ohta, Ryosuke Ikeguchi, Hiroki Oda, Hirofumi Yurie, Hisataka Takeuchi, Sadaki Mitsuzawa, Shuichi Matsuda

Kyoto University, Kyoto, Japan

5 minutes

A-0155 High incidence of re-dislocation of paediatric distal both-bone forearm fractures.

E.A.K. van Delft¹, J. Vermeulen², G. van der Bij³

¹ VU Medical Center, Amsterdam, The Netherlands; ² Spaarne Gasthuis, Haarlem, The Netherlands; ³ OLVG West, Amsterdam, The Netherlands

5 minutes

A-0904 Which factors affect limitation of pronosupination after both-bone forearm fractures in children? The long-term follow-up of a prospective study

Kasper Roth^{1,2}, Leon Diederix^{2,3}, Max Reijman², Jan Verhaar², Joost Colaris²

¹ Amphia Hospital, Breda, the Netherlands; ² Erasmus Medical Centre, Rotterdam, the Netherlands; ³ Reinier de Graaf Hospital, Delft, the Netherlands

5 minutes

A-0901 Three-dimensional virtual planning of corrective osteotomies for paediatric malunited forearm fractures: a prospective study

Kasper Roth^{1,2}, Filip Stockmans³, Edwin Oei², Eline van Es², Max Reijman², Jan Verhaar², Joost Colaris²

¹ Amphia Hospital, Breda, the Netherlands; ² Erasmus Medical Centre, Rotterdam, the Netherlands; ³ KU Leuven, Leuven, Belgium

5 minutes

Implants

S10 Free paper session

Thursday, 14 June 2018 | 08:00 - 10:00 | Arkaden 8

Chairs: Philippe Bellemère, Peter Axelsson

A-0600 Functional Outcome after Constraint Distal Radioulnar Joint Replacement

Hans Tromborg

Hand Surgery / Orthopedic, Odense University Hospital, Denmark

5 minutes

A-0972 One to thirteen years follow-up of Total Wrist arthroplasty

Allan Ibsen Sørensen^{1,2}, Peter Axelsson¹, Christer Sollerman¹

¹ University Hospital Sahlgrenska, Gothenburg, Sweden; ² University Hospital Gentofte / Rigshospitalet, Copenhagen, Denmark

5 minutes

A-0513 Six month to seven years results of revision of a wrist arthroplasty to new wrist arthroplasty

Allan Ibsen Sørensen, Peter Axelsson, Christer Sollerman

Sahlgrenska University Hospital, Gothenburg, Sweden

5 minutes

A-0245 Adaptive Proximal Scaphoid Implant : indications and results

Nicolas Dreant, Marie-Anne Poumellec

Pole Urgence Main, Nice, France

5 minutes

A-0776 Long-term Results of Treatment of Scapho-trapezium-trapezoid (STT) Arthritis By Use of Pirocarbon Implant (STPI)

Enrico Carità, Alberto Donadelli, Landino Cugola

Clinica San Francesco, Italy

5 minutes

A-0510 Short to long-term follow-up of surface replacement MCP Arthroplasties

Allan Ibsen Sørensen, Anders Nilsson

Sahlgrenska University Hospital, Gothenburg, Sweden

5 minutes

A-0539 Avanta Preflex silastic implant in metacarpophalangeal joint arthroplasty in rheumatoid arthritis

Shosuke Akita, Shigeyoshi Tsuji, Koji Yachi, Takaaki Noguchi, Jun Hashimoto

Osaka Minami Medical Center, Kawachinagano, Japan

5 minutes

A-0231 Retrieval analysis of thirty explanted NeuFlex metacarpophalangeal joint prostheses

Thomas Joyce¹, Grey Giddins²

¹ Newcastle University, Newcastle upon Tyne, UK; ² Royal United Hospital, Bath, UK

5 minutes

A-0512 Short to eleven years follow-up of SR-PIP Arthroplasty

Allan Ibsen Sørensen, Anders Nilsson

Sahlgrenska University Hospital, Gothenburg, Sweden

5 minutes

WALANT-Difficult Tendon Problems

S05 Free paper session

Thursday, 14 June 2018 | 08:20 - 10:00 | Carstensen

Chairs: Zaf Naqui, Hebe Kvernmo

A-0099 The creation of a Wide Awake Hand Surgery service in an NHS Trust in the UK. Challenges, cost savings and effectiveness

Constantinos Kritiotis^{1,2}, Zaf Naqui¹, Anuj Mishra¹, Ishan Radotra¹

¹ Manchester Hand Centre, Salford Royal NHS Foundation Trust, Manchester, UK; ² Iasis Private Hospital, Paphos, Cyprus

5 minutes

A-0140 Benefits of the Implantation of a "Wide Awake Surgery" Circuit in Hand Surgery

Ana M. Far-Riera, Carlos Perez-Urbarri, Marcos Sánchez Jimenez, Tomas Pujol Oliver, Jose María Rapariz González

Hospital Son Llätzer, Palma De Mallorca, Islas Baleares, Spain

5 minutes

A-0719 Wide Awake Hand Surgery - Limits and Complications

Kai Megerle, Julia Jakobus, Ursula Kraneburg, Hans-Günther Machens

Clinic for Plastic Surgery and Hand Surgery, Technical University of Munich, Munich, Germany

5 minutes

A-0024 Clinical evaluation of surgical management of hand pathologies under local anesthesia

Juanos Cabanas Jordi, Schuind Frederic, Jennart Harold, Zorman David
CHU Tivoli, La Louvière (Belgium); Erasme Hospital, Brussels (Belgium)
5 minutes

A-0043 Scope in Hand Surgery Using Surgeon Administered Local/Regional Anaesthesia (SALoRA)

Sim Wei Ping, Tan Shoun, Vaikunthan Rajaratnam
Khoo Teck Puat Hospital, Singapore
5 minutes

A-0853 The advantages of using WALANT anesthesia for hand and wrist fractures- personal experience

Daniel Vilcioiu¹, Dragos Zamfirescu², Andrei Ursache¹, Ioan Cristescu¹
¹ Clinical Emergency Hospital of Bucharest, Bucharest, Romania; ² Zetta Clinic, Bucharest, Romania
5 minutes

A-0554 Wide awake flexor pollicis longus and digital nerve repairs on patients in the prone position

Thomas Aparid¹, Yann Erwan Favennec¹, Gilles Candelier¹, Daniel Mckee², Donald H. Lalonde²
¹ Center of Hand Surgery, Private Hospital of Saint Martin, Caen, France; ² Plastic Surgery, Dalhousie University, Saint John, New Brunswick, Canada
5 minutes

A-0075 Correlation between Extension-Block K-wire Insertion Angle and Postoperative Extension Loss in Mallet Finger Fracture

Sang Ki Lee¹, Youn Moo Heo²
¹ Eulji University College of Medicine, Daejeon, Korea; ² Konyang University College of Medicine, Daejeon, Korea
5 minutes

A-0143 WALANT for tendon transfers after neglected peripheral nerve and shoulder plexus injuries

Sergii Strafun, Andrii Lysak, Artur Bezuhlyi, Sergii Tymoshenko, Mykola Oberemok
State institution "Institute of Traumatology and Orthopedics of NAMS of Ukraine", Kyiv, Ukraine
5 minutes

A-0114 Reconstruction of ulnar dislocation of the extensor tendon at the metacarpophalangeal joint

Masayoshi Ikeda^{1,2}, Yuka Kobayashi², Takehiko Takagi², Ikuo Saito^{2,3}, Takayuki Ishii², Daisuke Nakajima², Masahiko Watanabe²
¹ Shonan Central Hospital, Fujisawa, Japan; ² Tokai University School of Medicine, Isehara, Japan; ³ Isehara Kyodo Hospital, Isehara, Japan
5 minutes

A-1022 Lumbrical plus or paradox finger extension syndrome - case report and review of the literature

Andreas Gohritz, Dirk J. Schaefer
Plastic, Reconstructive and Aesthetic Surgery, Hand Surgery, University Hospital, Basel, Switzerland
5 minutes

A-1025 Saddle deformity: a case report

David Jann, Maurizio Calcagni, Thomas Giesen
University Hospital Zurich, Switzerland
5 minutes

A-0144 More alternatives for zone 1 and 2 flexor pollicislongus tendon reconstruction

Irina Miguleva, Aleksei Fain
Sklifosovsky Clinical and Research Institute for Emergency Medicine, Moscow, Russia
5 minutes

A-0193 Functional Assessment and Clinical Outcomes After Combined Flexor and Extensor Tenolysis (FALCON) – A Retrospective Chart Review

Emma Avery, Robert Strazar, Avinash Iskur
St. Boniface Hospital, Winnipeg, CA, USA
5 minutes

Journal Session

S09 Symposium

Thursday, 14 June 2018 | 09:00 - 10:00 | Pjerrot

Moderators: Gürsel Leblebicioğlu, Simon Farnebo

A-1269 Journal Statistics

Gürsel Leblebicioğlu
Turkey
5 minutes

A-1270 From the Editor

Jin Bo Tang
China
5 minutes

A-1271 Functional outcomes of distal radius fractures with and without ulnar styloid fractures: a meta-analysis

Marjolein A. M. Mulders
The Netherlands
5 minutes

A-1272 Factors determining outcome of corrective osteotomy for malunited paediatric forearm fractures: a systematic review and meta-analysis

K. C. Roth
The Netherlands
5 minutes

A-1273 Evidence-based management of adult trigger digits

R. Amirfeyz
UK
5 minutes

A-1274 Distal radioulnar joint: functional anatomy, including pathomechanics

J. R. Haugstvedt
Norway
5 minutes

A-1275 The non-operative management of hand fractures

G. E. B. Giddins
UK
5 minutes

A-1276 On publication: the author, the reviewer, the editor

Michael Tonkin
Australia
15 minutes

Lecture 2

S07

Philippe Liverneaux

Thursday, 14 June 2018 | 09:40 - 10:00 | Lumbye

Chairs: Fabian Mougondo, Maiken Stilling

A-1125 The Benefit of Small Incisions

Philippe Liverneaux
France
15 minutes

Instructional Course 2

S11 Instructional Course session

Fractures of the Hand and Carpus

Thursday, 14 June 2018 | 10:30 - 12:30 | Tivoli Congress Hall

Moderator: Michel Boeckstyns

A-1214 Paediatric

Pernille Leicht
Denmark
10 minutes

A-1215 Paralytic

Gürsel Leblebicioglu

Turkey
10 minutes

A-1216 Athletes

William Geissler
USA
10 minutes

A-1217 Musicians

Philippe Cuenod
Switzerland
10 minutes

A-1219 Rehabilitation

Jürgen Mack
10 minutes

Work Related Conditions

S12 Symposium

Thursday, 14 June 2018 | 10:30 - 11:40 | Carstensen

Moderators: Joseph Dias, Torben Bæk Hansen

A-1137 Introduction

Torben Bæk Hansen
Holstebro, Denmark
10 minutes

A-1138 Occupationally induced hand and wrist disorders

Jane F. Thomsen
Copenhagen, Denmark
20 minutes

A-1139 The Effect of Workers' Compensation on Outcome after Upper Extremity Surgery

Kevin C. Chung
Michigan, USA
20 minutes

A-1140 Return to work after hand and wrist injury

Joseph J. Dias
University Hospitals of Leicester NHS Trust, UK
20 minutes

Advances in the Imaging of Hand and Wrist

S14 Symposium

Thursday, 14 June 2018 | 10:30 - 12:30 | Lumbye

Chairs: Frederic Schuind, Igor Golubev

A-1145 MRI of scapholunate ligament complex (with arthroscopic correlation)

Maryam Shahabpour¹, Barbara Staelens¹, Jean Goubau¹, Luc Van Overstraeten²
¹ UZ Brussel VUB; ² Erasme ULB, Brussels, Belgium
20 minutes

A-1146 Radiostereometry in the Hand and Wrist

Maiken Stilling
Holstebro, Denmark
20 minutes

A-1148 Peroperative use of sonography in hand surgery

Fabian Mougondo
Brussels, Belgium

20 minutes

Anterior Interosseous Nerve Syndrome Redefined: The Role of High-resolution Imaging and Surgery

S15 Symposium

Thursday, 14 June 2018 | 10:30 - 11:00 | Pjerrot

Chairs: Pierluigi Tos, Lars Dahlin

A-1203 Introduction: How high resolution imaging of Parsonage Turner Syndrome has changed our perspectives on etiology and treatment

Zsuzsanna Aranyi
Budapest, Hungary
15 minutes

A-1204 Challenging dogma: The role of surgery in AIN syndrome

Scott W. Wolfe
New York, USA
15 minutes

TFCC / Pain

S18 Free paper session

Thursday, 14 June 2018 | 10:30 - 12:20 | Arkaden 8

Chairs: Tereze Laing, Matthias Steinbauer

A-0751 The Natural Course of Triangular Fibrocartilage Complex Tear Without Distal Radioulnar Joint Instability

Bong Cheol Kwon, Jae-Yeon Hwang, Seon Jong Lee
Hallym University Sacred Heart Hospital, Anyang, South Korea
5 minutes

A-0947 Early mobilisation after foveal reinsertion of TFCC, a prospective study of stability and functional outcome

Anders Wallmon, Karin Lind
HandCenter Göteborg, Sweden
5 minutes

A-1051 Results of Anatomic Ligamentous Reconstruction of Post-traumatic Subluxated Ulnar Head Using Half Strip Flexor Carpi Ulnaris Tendon.

Muhammad A Quolquela
Tanta University, Department of orthopaedics, Tanta, Egypt
5 minutes

A-0531 Interpretation of Ulnocarpal Stress Test in Different Forearm Rotation

Hanvit Kang¹, Jin Hyung Lim², Il Jung Park¹, Joo Yup Lee¹
¹ Department of Orthopedic Surgery, the Catholic University of Korea; ² Department of Orthopedic Surgery, Gyeongsang University
5 minutes

A-0129 Functional outcome after ulna shortening osteotomy in regard to DRUJ configuration

Rafael G. Jakubietz, Fabian Gilbert, Michael G. Jakubietz, Karsten Schmidt, Rainer H. Meffert
Department of Trauma, Hand, Plastic and Reconstructive Surgery, Julius-Maximilians-University Wuerzburg, Wuerzburg, Germany
5 minutes

A-0340 Arthroscopic resection of the distal ulna (wafer procedure) - an adequate treatment option?

Vanja Celigoj, Bernhard Lukas, Claus J. Deglmann
Center of Hand and Elbow Surgery, Microsurgery and Plastic Surgery, Schoen Klinik Muenchen Harlaching, Munich, Germany
5 minutes

A-0135 Arthroscopic Wafer Procedure Versus Ulnar Shortening Osteotomy as a Surgical Treatment for Idiopathic Ulnar Impaction Syndrome

Won-Taek Oh¹, Yun-Rak Choi¹, Ho-Jung Kang¹, Il-Hyun Koh¹, Ji-Sub Kim², Sang-Yun Lee¹, Jung-Jun Hong¹
¹ Yonsei University College of Medicine, South Korea; ² Catholic Kwandong University College of Medicine, South Korea
5 minutes

A-0686 New Arthroscopic Classification of TFCC injuries

Toshiyasu Nakamura, Koji Abe

Department of Orthopaedic Surgery, School of Medicine, International University of Health and Welfare, Tokyo, Japan

5 minutes

A-0730 Influence of Plate Types on Clinical and Radiological Outcomes of Ulnar Shortening Osteotomy in Patients with Idiopathic Ulnocarpal Impaction Syndrome

Jong-Pil Kim, Sung-Bae Park, Dong-Ho Lee

Department of Orthopaedic Surgery, Dankook University College of Medicine, Cheonan, South Korea

5 minutes

A-0960 Dynamic Radiostereometric Analysis for Evaluation of Kinematics in the Distal Radioulnar Joint Before and After TFCC Lesions

Janni Kjærgaard Thillemann^{1,2}, Sepp De Raedt⁴, Peter Bo Jørgensen², Emil Toft Nielsen^{1,2}, Lone Rømer³, Torben Bæk Hansen^{1,2}, Maiken Stilling^{1,2}

¹ Department of Orthopaedics, University Clinic of Hand, Hip and Knee Surgery, Hospital Unit West, Denmark; ² Department of Clinical Medicine, Aarhus University, Denmark; ³ Department of Radiology, Aarhus University Hospital, Denmark; ⁴ Nordic Roentgen Technique, Aarhus, Denmark

5 minutes

A-0755 Update and increase the quality of analgesia and anesthesia in animal research

Belén García-Medrano¹, Fernando Moreno Mateo¹, Clarisa Simón Pérez¹, Ángel José Álvarez Barcia², MJ Gayoso Rodríguez³, Martín-Miguel Ferrero¹

¹ Orthopaedic Surgery, Hand Unit, Hospital Clínico, Valladolid, Spain; ² Animal welfare and Research department, Faculty of Medicine, University of Valladolid, Valladolid, Spain; ³ Cell biology and Histology department, Faculty of Medicine, University of Valladolid, Valladolid, Spain

5 minutes

A-0893 Treatment of postoperative pain for distal radius fractures: Corticosteroids VS non-steroidal anti-inflammatory drugs. A prospective study

Francisco Cuadrado Abajo, Manuel Sánchez Crespo, Gonzalo García Portal, María de los Ángeles de la Red Gallego, José Couceiro Otero, Olga María Vélez García, Higinio Ayala Gutiérrez, Fernando Javier del Canto Álvarez

Marqués de Valdecilla University Hospital

5 minutes

A-0978 Arthroscopic management of painful dorsal wrist ganglion

Mathilde Gras^{1,2}, Christophe Mathoulin¹

¹ Institut de la Main - Clinique Bizet, Paris, France; ² Institut Nolle, Paris, France

5 minutes

A-0492 Classification of distal radio-ulnar joint (DRUJ) pathology in rheumatoid arthritis (RA)

Grey Giddins, Reda Ramadan

Royal United Hospital, Bath, UK

5 minutes

EBHS Diploma Examination Lecture

S90 Special session

Thursday, 14 June 2018 | 10:30 - 11:00 | Arkaden 6

A-1314 Information on EBHS Diploma Examination: Why to take the EBHS Exam? Who can take it? What should you prepare for?

Martin Richter

Germany

30 minutes

Lecture 3

S16

Eduardo Zancolli

Thursday, 14 June 2018 | 11:00 - 11:20 | Pjerrot

Chairs: Pierluigi Tos, Lars Dahlin

A-1126 Simple and Severe Carpal Tunnel Syndrome. Should all be treated the same?

Eduardo Zancolli
Buenos Aires, Argentina
15 minutes

Scaphoid

S17 Free paper session

Thursday, 14 June 2018 | 11:20 - 12:30 | Pjerrot

Chairs: Markus Gabl, Anders Björkman

A-1017 A cadaveric study on the accuracy of an individualized guiding template to assist placement of scaphoid screws using computed-assisted design and three-dimensional printing technique

Yang Guo, Guanglei Tian, Liyang Sun
Beijing Jishuitan Hospital, Beijing, China
5 minutes

A-0594 Time to union of scaphoid waist fractures treated by percutaneous screw fixation

Vera Fischer, Christoph Stern, Marco Canova, Silvia Schibli
Cantonal Hospital of Graubünden, Chur, Switzerland
5 minutes

A-0085 Operative management for pediatric and adolescent scaphoid nonunions: A meta-analysis

Julio Jauregui¹, Edward Seger², Mark Shasti¹, Joshua M. Abzug¹
¹ University of Maryland School of Medicine, Baltimore, USA; ² SUNY Downstate Medical Center, Brooklyn, USA
5 minutes

A-0105 Comparison of Two Bone Grafting Techniques for the Treatment of Scaphoid Waist Non-unions: Iliac Bone Graft vs Anterolateral Corner of Distal End of Radius

Ji Sup Kim¹, Ho Jung Kang²
¹ Department of Orthopedic Surgery, International St. Mary's Hospital, Catholic-Kwandong University, Incheon, South Korea; ² Department of Orthopedic Surgery, Yonsei University College of Medicine, Seoul, South Korea
5 minutes

A-0622 Bone healing in scaphoid fracture non union – correlation of CT and histopathology

Gernot Schmidle, Rohit Arora, Markus Gabl
Department for Trauma Surgery, Medical University Innsbruck, Innsbruck, Austria
5 minutes

A-0740 Early radiological results of arthroscopic treatment of the scaphoid nonunion

Igor Golubev, Maxim Merkulov, Oleg Bushuev, Galina Shiryaeva, Andrey Maximov, Ilya Kutepov, Olga Hozyainova
Department of Hand and Microsurgery, N.N. Priorov National Medical Research Center of Traumatology and Orthopaedics (CITO), Moscow, Russia
5 minutes

A-0880 Vascularized versus non-vascularized bone grafts in the treatment of scaphoid non-union.

Emre Gazyakan, Christoph Hirche, Ling-Yun Xiong, Christian Heffinger, Amir Bigdeli, Berthold Bickert, Ulrich Kneser
Department of Hand, Plastic and Reconstructive Surgery, University of Heidelberg, BG Clinic Ludwigshafen, Ludwigshafen, Germany
5 minutes

A-1098 A Comparative Study of the Clinical and Functional Outcomes Following Open Autologous Bone Grafting versus Arthroscopic Assisted Bone Grafting for Scaphoid Nonunion Treatment

Mehmet Ali Acar, Ebubekir Eravsar, Egemen Odabasi
Selcuk University Department of Orthopaedics and Traumatology, Konya, Turkey
5 minutes

Athletic injuries. Prevention and Treatment

S13 Symposium

Thursday, 14 June 2018 | 11:40 - 12:40 | Carstensen

Chairs: Robert Gvozdenovic, Camilla Ryge

A-1141 Athletic hand injuries

Mike Hayton
UK
12 minutes

A-1142 Injuries in Ball Sports

Grégoire Chick
Switzerland
12 minutes

A-1143 Prevention, bracing and rehabilitation

William Geissler
USA
12 minutes

A-1144 Accelerated recovery in athletic hand injuries. Clinical cases

Robert Gvozdenovic
Denmark
12 minutes

Aesthetic hand surgery: Why handsurgeons must be involved

S94 Symposium

Thursday, 14 June 2018 | 12:20 - 12:35 | Arkaden 8

A-1237 Aesthetic hand surgery: Why handsurgeons must be involved

Rafael Jakubietz
Würzburg, Germany
15 minutes

Efficiency in distal radius fracture and in trapezio-metacarpal arthritis management

S78

Zimmer Biomet

Thursday, 14 June 2018 | 13:00 - 13:50 | Lumbye

The Future in your hands – A comprehensive 3D planning and wrist fracture system

S79

Medartis

Thursday, 14 June 2018 | 13:00 - 13:50 | Pjerrot

Lessons learned in the treatment of acute distal radius fractures

S80

DePuy Synthes

Thursday, 14 June 2018 | 13:00 - 13:50 | Arkaden 8

Dupuytren's contracture treatment: Incorporating collagenase clostridium histolyticum

as part of clinical practice

S81
SOBI

Thursday, 14 June 2018 | 13:00 - 13:50 | Arkaden 6

The TMC MAIA Implant : A new approach to a verified concept

S82
Groupe Lepine

Thursday, 14 June 2018 | 13:00 - 13:50 | Vandsalen

Lectures 4

S19
President's Lecture: Michel Boeckstyns
Honorary Lecture: Zsolt Szabó
P. N. Soucacos
Henk Giele

Thursday, 14 June 2018 | 14:00 - 16:00 | Tivoli Congress Hall

Chairs: Max Haerle, Robert Gvozdenovic

A-1127 President's Lecture: What 37 years with Hand Surgery have taught Me: Controversial Procedures that I still Perform and Procedures that I have Abandoned

Michel Boeckstyns
Copenhagen, Denmark
25 minutes

A-1128 Honorary Lecture: The human hand: the most wonderful tool of nature

Zsolt Szabo
Miskolc, Hungary
25 minutes

A-1129 Past, Present and Future of Hand Microsurgery

P. N. Soucacos
Greece
25 minutes

A-1130 The Future of Hand Surgery

Henk P Giele
Oxford, UK
25 minutes

Case Presentations (Combat of the Chiefs)

S20 Symposium

Thursday, 14 June 2018 | 14:00 - 15:00 | Carstensen

Chairs: Igor Golubev, Daniel Herren

Hand Problems in Musicians

S22 Symposium

Thursday, 14 June 2018 | 14:00 - 15:40 | Lumbye

Chairs: Philippe Cuenod, Claus Möger

A-1149 Muscle force optimization in piano playing. A biomechanical analysis

M.C.K. Mak, I.Y.C. Chan, L.K. Hung
Hong Kong
20 minutes

A-1150 Hand surgery in musician patients

Philippe Cuénod
Geneva, Switzerland
20 minutes

A-1151 Physiotherapy for Functional Dystonia of the Musician

Aude Hauser-Mottier
Geneva, Switzerland
20 minutes

A-1152 Cure of focal hand dystonia in musicians with stereotactic neurosurgery

Takaomi Taira, Shiro Horisawa
Tokyo, Japan
25 minutes

Tendon

S24 Free paper session

Thursday, 14 June 2018 | 14:00 - 16:10 | Pjerrot

Chairs: Anita Dijksterhuis, Olli Leppänen

A-1053 Extensor aponeurosis – bone-tendon-connection. New Insights into the Extensor Digitorum Communis Insertion: A Cadaveric Study

Pernille Nygaard Vedel¹, Lars B. Dahlin², Jørgen Trantum-Jensen³, Elisabeth Brogren², Niels Sørensen⁴
¹ Department of Orthopedics, Bispebjerg Hospital, Copenhagen University, Denmark; ² Dept Translational Medicine - Hand Surgery, Lund University and Dept Hand Surgery, Skåne University Hospital, Malmö, Sweden; ³ Institute for Cellular and Molecular Medicine, Panuminstitutte, University of Copenhagen; ⁴ Section of Hand Surgery, Herlev and Gentofte University Hospital, Gentofte Hospital, Hellerup, Denmark
5 minutes

A-0586 The fascia lata graft: A new Technique for multiple extensor tendon defect repair

M Yavari, S Shahrokh, M Moosavizadeh, S Alhosseini
Shahid Beheshti University of Medical Science, Tehran, Iran
5 minutes

A-0033 Results of the surgical treatment of De Quervain's tenosynovitis: 80 cases with a mean follow up of 9.5 years.

Johanne Garçon¹, Bertille Charruau², Emilie Marteau², Guillaume Bacle², Jacky Laulan²
CHU Poitiers¹, CHU Tours²
5 minutes

A-0737 Tendon subluxation after surgical release of the first compartment in De Quervain disease: A prospective randomized controlled study comparing simple midline incision and dorsoular incision for elevating radial flap

Jong-Pil Kim, Seg-Won Yang, Dong-Ho Lee
Department of Orthopaedic Surgery, Dankook University College of Medicine, Cheonan, South Korea
5 minutes

A-0808 Oxidative protein damage and extracellular matrix changes in diabetic trigger finger patients

Nazmi Bulent Alp¹, Gülsüm Karduz², Kübra Vardar², Uğur Aksu²
¹ Istanbul Bahcelievler State Hospital Orthopedics and Traumatology Department, Turkey; ² Istanbul University, Science Faculty, Biology Department, Istanbul, Turkey
5 minutes

A-0914 Comparative study of different incision types in trigger finger release

Beata Bajdik, Balazs Lenkei, Zsolt Szabo
Handsurgery Center of Miskolc, Hungary
5 minutes

A-0440 Complications after a simple operation – the trigger finger

Balazs Lenkei, Adrienn Lakatos, Zsolt Szabo
Hand Surgery Center Miskolc, Hungary

5 minutes

A-0741 Does Bowstringing Affect Hand Function in Patients Treated with A1 Pulley Release for Trigger Thumb: A Randomized Trial Comparing Percutaneous versus Open Technique

Jong-pil Kim, Kwang-hee Park, Jae-wook Jung

Department of Orthopaedic Surgery, Dankook University College of Medicine, Cheonan, South Korea

5 minutes

A-0925 Histological, immunohistochemical and microstructural assessment of flexor tendon grafts for pulley reconstruction - a cadaver study

Tobias Fritz^{1,2}, Pascal Ducommun³, Urs Hug³, Tim Pohlemann², Maurizio Calcagni⁴, Michael D. Menger¹, Wolfgang Metzger², Florian S. Frueh^{1,4}

¹ Institute for Clinical and Experimental Surgery, Saarland University, Homburg/Saar, Germany; ² Department of Trauma-, Hand-, and Reconstructive Surgery, Saarland University Hospital, Homburg/Saar, Germany; ³ Department of Hand and Plastic Surgery, Cantonal Hospital Lucerne, Lucerne, Switzerland; ⁴ Division of Plastic Surgery and Hand Surgery, University Hospital Zürich, Zürich, Switzerland

5 minutes

A-0624 Factors Accounting for Variation in the Biomechanical Properties of Flexor Tendon Repairs

Lasse Linnanmäki¹, Harry Göransson², Jouni Havulinna³, Teemu Karjalainen⁴, Olli V. Leppänen^{1,2}

¹ University of Tampere, Tampere, Finland; ² Tampere University Hospital, Tampere, Finland; ³ Pohjola Hospital, Tampere, Finland; ⁴ Central Finland Central Hospital, Jyväskylä, Finland

5 minutes

A-0678 Delayed primary repairs of the flexor tendons had better outcomes than primary repairs in zone 2: an outcomes analysis in a single unit

Xiang Zhou¹, Jun Qin¹, Xiang Rong Li¹, Jing Chen²

¹ People's Hospital of Jiangyin, Jiangsu, China; ² Jiangsu Medical Research Center, Nantong, Jiangsu, China

5 minutes

A-1045 Effect of knot position in Adelaide flexor tendon repair

Matthias Vanhees, Nicholas Cardillo, Belinda Smith, Elizabeth Clarke, Mark Hile

Department of Hand Surgery and Peripheral Nerve Surgery, Royal North Shore Hospital, Sydney, Australia

5 minutes

A-1103 High volume, low rupture rate and good outcomes: experiences of flexor tendon repair and appraisal of a trainee-delivered service in a university hospital hand surgery unit

Rachael E Baines¹, James D Bedford¹, Vinay N Itte¹, Donald J Dewar¹

¹ Department of Hand & Plastic Surgery, Leeds Teaching Hospital NHS Trust, UK

5 minutes

A-0852 Efficiency of Hyaluronic Acid in Prevention of Adhesion Formation after Flexor Tendon Tenolysis

Libor Streit^{1,2}, Tomas Kubek^{1,2}, Eva Vitovska², Igor Stupka¹, Sarka Stiborova^{1,2}, Zdenek Dvorak^{1,2}, Pavel Novak¹, Tomas Vyska¹, Jiri Vesely^{1,2}

¹ Department of Plastic and Aesthetic Surgery, St. Anne's University Hospital Brno, Czech Republic; ² Faculty of Medicine, Masaryk University, Brno, Czech Republic

5 minutes

A-0412 TRIGGER Trial

Anita Dijksterhuis^{1,2}, Matthew Gardiner³, Jeremy Rodrigues³, Richard Pinder⁴, Jan Debeij⁵, Zaf Naqui⁶, Henk Coert², Abhilash Jain³, Brigitte van der Heijden¹

¹ Jeroen Bosch Hospital, 's-Hertogenbosch, the Netherlands; ² UMC Utrecht, Utrecht, The Netherlands; ³ University of Oxford, Oxford, The Netherlands; ⁴ Hull & East Yorkshire Hospitals NHS Trust, Hull, UK; ⁵ Erasmus MC, Rotterdam, The Netherlands; ⁶ Salford Royal NHS Foundation Trust, Salford, UK

5 minutes

Finger trauma, Young Surgeons

S25 Free paper session

Thursday, 14 June 2018 | 14:00 - 16:00 | Arkaden 8

Chairs: Rafael Jakubietz, Britt Siesing-Mejer

A-0815 Extended Dynamometry

Hayley Smith, H.J.C.R. Belcher

East Kent Hospitals NHS Trust, Canterbury, Kent, UK

5 minutes

A-0722 Use of a photodynamic polymer for intramedullary osteosynthesis of metacarpal fractures – a three year experience

Carsten Surke, Rahel Meier, Luzian Haug, Tom Adler, Esther Vögelin

Department of Plastic and Hand Surgery, Inselspital, University Hospital Bern, University of Bern, Switzerland

5 minutes

A-0782 1 or 2 K-wires in surgical treatment of metacarpal-5-fractures?

Adrian Obladen, Romy Spitzmueller, Jenny Dornberger, Esther Henning, Simon Kim, Andreas Eisenschenk

Unfallkrankenhaus Berlin, Germany

5 minutes

A-0942 Functional outcomes and complications rate of surgical treatment of unstable fractures of the neck of fifth metacarpal with condylar blade plate versus locking anatomical plate

Grigorios Kastanis, Petros Kapsetakis, George Velivasakis, Eirini Trachanatz, Idomeneas Makriganakis, Nikolaos Bounakis

General Hospital of Heraklion - Venizeleio, Greece

5 minutes

A-0840 Ulnar sided carpometacarpal articular fractures

Camilo Chaves^{1,2}, Thierry Dubert^{2,3}

¹ Université Paris Sud, Le Kremlin Bicetre, France; ² Hôpital Privé Paul d'Egine, Champsigny sur Marne, France; Clinique Jouvenet, Paris, France

5 minutes

A-0110 Pollicization in adults: what kind of surgery to use?

Igor Shvedovchenko^{1,2}, Andrej Koltsov¹, Boris Kasparov¹

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; ² Department of Medical Physics, St.Petersburg State Polytechnical University, St Petersburg, Russia

5 minutes

A-0189 Upper extremity injuries related to pediatric and adolescent sports participation

Xuyang Song, Alexandria L. Case, Joshua M. Abzug

University of Maryland School of Medicine, Baltimore, Maryland, USA

5 minutes

A-0655 A five-years prospective outcome study of Pyrocardan® arthroplasty for the treatment of thumb carpometacarpal joint osteoarthritis

Deborah Royaux¹, Phillipe Bellèmere², Etienne Gaisne², Thierry Loubersac², Yves Kerjean², Ludovic Ardouin²

¹ C.H.U. Pellegrin, Bordeaux, France; ² Clinique Jeanne d'Arc, Nantes, France

5 minutes

A-0310 Intermediate Term Results Following Arthroplasty of the Basal Joint of the Thumb

Rasmus Wejnold Jørgensen, Anders Odgaard, Claus Hjorth Jensen.

Hand Clinic, Department of Orthopedics, Herlev-Gentofte University Hospital of Copenhagen, Denmark

5 minutes

A-0366 Proximal row carpectomy in the treatment of wrist arthritis: is it still a valid indication? - Evaluation of clinical outcomes

Ana Bispo, Francisco Gonçalves, Filipe Machado, Sofia Carvalho, Gonçalo Lavareda, João Neves

Hospital Ortopédico Sant'Iago do Outão, Centro Hospitalar de Setúbal, Portugal

5 minutes

A-0443 Upper extremity penetrating wounds: prevalence and etiology

Jaime Piccaro Erazo, Rodrigo Guerra Sabongi, Vinicius Ynoe de Moares, João Baptista Gomes dos Santos, Flávio Faloppa, João Carlos Belloti

Federal University of São Paulo, Escola Paulista de Medicina, São Paulo, Brazil

5 minutes

A-0252 A Review of Animal Models in Hand Surgery Simulation

Charles Yuen Yung Loh¹, Aline Yen Ling Wang¹, Vincent Tze Yang Tiong², Thanassi Athanassopoulos³, Meiling Loh⁴, Philip Lim⁵, Huang-kai Kao¹

¹ Department of Plastic Surgery, Center for Vascularized Composite Allotransplantation, Chang Gung Memorial Hospital, Taoyuan, Taiwan; ² Department of Radiology, Tan Tock Seng Hospital, Singapore; ³ Department of Plastic Surgery, Aberdeen Royal Infirmary, Aberdeen, UK; ⁴ Department of Plastic Surgery, Tan Tock Seng Hospital, Singapore; ⁵ Department of Plastic Surgery, Hull York Medical School (HYMS), York Teaching Hospital, York, UK

5 minutes

A-0153 Soft Tissue Tumours of the Hand and Wrist

Pamela Chong Qin Yi, Ou Yang Youheng, Chung Sze Ryn, Suraya Zainul Bin Abidin, Muntasir Mannan Choudhury, Chin Yuan Hui Andrew, Tay

Shian Chao Vincent, Duncan Angus McGrouther

Singapore General Hospital, Singapore, Singapore

5 minutes

A-0907 Novel use of a vascular flow system to enhance in vitro training in microsurgical vessel repair with biological material.

Hazem Alfeqy¹, Samuel George¹, David Bell², Partha Vaiude²

¹ Whiston Hospital, Liverpool, UK; ² Surgical Art Education Institute, UK

5 minutes

A-0088 Review of Errors in Distal Radius Fractures

Maria Angeles De la Red Gallego¹, Manuel Ruben Sanchez Crespo¹, Higinio Ayala Gutierrez¹, Jose Couceiro Otero¹, Olga Velez Garcia¹, Ana Alfonso Fernandez², Ciro Santos Ledo², Fernando Del Canto Alvarez¹

¹ Hospital Universitario Marques de Valdecilla, Santander, Spain; ² Hospital Sierrallana, Santander, Spain

5 minutes

A-0551 Bone Defect at Hand Level Solved By the Induced Membrane (masquelet) Technique

Isabelle Pluvy¹, Gauthier Menu¹, Agathe Alvernhe¹, Damien Feuvrier¹, Marie Panouillères¹, Laurent Obert¹, Vivien Morris², A Tchurukdichian², Francois Loisel¹

¹ Orthopedic, Traumatology, and Hand surgery Unit, University hospital CHRU Besancon, France; ² Research Unit: Nano Medicine, Medical School - University of Bourgogne - Franche Comte, France

5 minutes

FESSH Social Media Committee Meeting

S91 Special session

Thursday, 14 June 2018 | 14:30 - 15:30 | Arkaden 6

Wrist Trauma - Ligaments

S21 Free paper session

Thursday, 14 June 2018 | 15:00 - 16:10 | Carstensen

Chairs: Luc van Overstraeten, Jarkko Vasenius

A-0283 Arthroscopic Management of Distal radius fractures

Yukio Abe, Kenzo Fujii

Saiseikai Shimonoseki General Hospital, Shimonoseki, Japan

5 minutes

A-0107 Prognostic factors for resumption of work, ADL and hobbies after traumatic hand or wrist injury

N. Neutel¹, P. Houtpt², A.H. Schuurman¹

¹ University Medical Centre Utrecht, the Netherlands; ² Isala Hospital, Zwolle, the Netherlands

5 minutes

A-0961 Distal Radioulnar Joint Instability and Injury

Greg T Pickering, Grey ED Giddins

Royal United Hospital Bath NHS Foundation Trust, Bath, UK

5 minutes

A-1081 Arthroscopic classification of scapho-lunate and luno-triquetral tear

Jane C. Messina, Nicolas Dreant, Riccardo Luchetti, Christophe Mathoulin

¹ Hand Surgery Unit Gaetano Pini Orthopaedic Institute, Milano, Italy, ² Nice Hospital, France*, ³ Hand Surgery Unit, Rimini, Italy, ⁴ Derby Hospital, UK, ⁵ Institut de la Main, Paris, France

5 minutes

A-1068 Scapholunate ligament reconstruction. One year follow-up using the SLAM procedure in 22 patients.

Lars Soelberg Vadstrup

Gentofte Hospital, Copenhagen, Denmark

5 minutes

A-0599 Clinical results of a SL-reconstruction through a dorsal approach creating a 3 ligament tenodesis with ECRB; 5-years follow-up

Simon Oeckenpöhler, Britta Wieskötter, Thorben Royeck, Martin Franz Langer

University Hospital Münster, Department of Trauma-, Hand- and Reconstructive Surgery, Germany

5 minutes

A-1087 Scapholunate realignment using local tendon grafts. Qualitative vector analysis of the of two potential donors (FCR and ECRL).

Mireia Esplugas¹, Marc Garcia-Elias², Alex Lluch-Bergada^{2,3}, Nuria Fernandez-Noguera⁴, Inma Puig de la Bellacasa⁵.

¹ Hospital Activamutua, Tarragona, Spain; ² Institut Kaplan, Barcelona, Spain; ³ Hospital Vall d'Hebró, Barcelona, Spain; ⁴ Hospital Josep Trueta,

Girona, Spain; ⁵ Hospital Universitari Mutua Terrassa, Barcelona, Spain.

5 minutes

A-0570 Arthroscopic Diagnosis and Treatment of injured Collateral Ligaments in the Thumb Metacarpophalangeal Joint

Masaya Tsujii ¹, Yoshinori Makino ², Takahiro Asano ¹, Kazuya Odake ¹, Akihiro Sudo ¹

¹ Mie University, Tsu, Japan; ² Nagai Hospital, Tsu, Japan

5 minutes

A-0408 Characteristics of Radiocarpal Dislocations at a Level 1 Trauma Center: a 9 Year Review

James Paul Hovis, Alexandria L. Case, Raymond A. Pensey, W. A. Eglseeder, Ebrahim Paryavi, Joshua M. Abzug

University of Maryland School of Medicine, Baltimore, Maryland, USA

5 minutes

Social Media Seminar

S92 Special session

Thursday, 14 June 2018 | 15:30 - 16:00 | Arkaden 6

A-1310 Welcome

Zafar Naqui

UK

4 minutes

A-1311 How to start on SoMe? An Introduction for Beginners on Social Media Platforms (Twitter, Facebook, Instagram)

Viviana Maja Rosero

Hungary

5 minutes

A-1312 Sensible Use of Social Medi to Exchange Opinions about Cases: Which ones to use and how?

Constantinos Kritiotis

UK

5 minutes

A-1313 5 Social Media Tips for Hand Surgeons

Mireia Esplugas

Spain

5 minutes

A-1315 Open panel discussion

Egemen Ayhan

Turkey

5 minutes

Musicians

S23 Free paper session

Thursday, 14 June 2018 | 15:40 - 16:00 | Lumbye

Chairs: Philippe Cuenod, Claus Möger

A-0937 Pain and Hand Functioning Differences During Music Education in Bachelor Guitar Students

Burcu Semin Akel ¹, Ege Temizkan ¹, Elif Cimilli ¹, Onur Seyrek ², Onur Urganoğlu ³

¹ Hacettepe University, Faculty of Health Sciences, Department of Occupational Therapy, Ankara, Turkey; ² Hacettepe University, Faculty of Health Sciences, Department of Physical Therapy and Rehabilitation; ³ Hacettepe University, Ankara State Conservatory, Main Art Branch of Piano, Art Branch of Guitar

5 minutes

A-0887 Movement Imagery Skills and Its Relation with Hand Functioning in Guitar Students

Elif Cimilli, Ege Temizkan, Özge Buket Çesim, Çiğdem Öksüz, Burcu Semin Akel

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

5 minutes

General Assembly

S26

Thursday, 14 June 2018 | 16:30 - 18:30 | Tivoli Congress Hall

Friday, 15 June 2018

Instructional Course 3

S27 Instructional Course session

Fractures of the Hand and Carpus

Friday, 15 June 2018 | 08:00 - 10:00 | Tivoli Congress Hall

Moderator: Martin Richter

A-1220 Scaphoid fractures

Joseph J Dias

UK

15 minutes

A-1221 Scaphoid nonunions

Scott W Wolfe

New York, USA

15 minutes

A-1222 Other carpal fractures

Martin Richter

Germany

15 minutes

A-1223 Arthroscopy

Peter Jörgsholm

Sweden

10 minutes

A-1224 Metacarpal base 2-5

Michael Schädel-Höpfner

Germany

10 minutes

A-1225 Metacarpal base 1

Philippe Liverneaux

France

10 minutes

Ulnar Sided Wrist Pain

S28 Symposium

Friday, 15 June 2018 | 08:00 - 09:20 | Carstensen

Moderators: David Shewring, Elisabet Hagert

A-1153 Introduction

David Shewring

Cardiff, UK

5 minutes

A-1154 Anatomy of the Distal Radioulnar Joint and Ulnocarpal Complex

Elisabet Hagert

Stockholm, Sweden

12 minutes

A-1155 The Common Culprits

Alex Lluch

Barcelona, Spain

12 minutes

A-1156 Assessment and Investigation

Michael Solomons

South Africa

12 minutes

A-1157 Ulnar wrist pain: What can be undiagnosed

Eduardo Zancolli

Buenos Aires, Argentina

15 minutes

Palsy and Spasticity

S30 Free paper session

Friday, 15 June 2018 | 08:00 - 09:00 | Lumbye

Chairs: Richarda Boettcher, Niels S e Nielsen

A-0326 Single palmar approach for proximal row carpectomy and total wrist fusion in the spastic hand

Christoph Erling, Michael Hiller, Thomas Giesen, Olga Politikou, Maurizio Calcagni

University Hospital Zurich, Switzerland

5 minutes

A-0515 Fractional lengthening of the volar forearm muscles: anatomical study

Ahlam Arnaout, Caroline Leclercq

Institut de la Main, Paris, France

5 minutes

A-0399 Elbow Flexors Spasticity: Combined Muscle Lengthening and Hyperselective Neurectomy

Paolo Panciera¹, Daniele Gianolla², Caroline Leclercq³

¹ Ospedale Villa Salus, Venezia-Mestre, Italy; ² Ospedale San Giacomo, Castelfranco Veneto (Treviso), Italy; ³ Institut De La Main, Paris, France

5 minutes

A-0338 Nerve transfer of motor branches from the Supinator muscle to the Posterior Interosseus Nerve in tetraplegia– a one-year follow up of 17 operated forearms.

Joakim Str mberg¹, Johanna Wangdell¹, Carina Reinholdt¹, Jan Frid n^{1,2}

¹ Centre for Advanced Reconstruction of Extremities (C.A.R.E.), Sahlgrenska University Hospital, M lndal, Sweden; ² Swiss Paraplegic Centre (SPZ), Nottwil, Switzerland

5 minutes

A-0478 Types of thumb opposition loss and approach to surgical tactics demarcate

S Strafun, M Oberemok, A Lysak, S Tymoshenko

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

5 minutes

A-0842 A Novel Stem Cell Therapy of Dystrophin Expressing Chimeric Cells of Myoblast and Mesenchymal Stem Cell Origin for Enhancement of Muscle Regeneration and Function.

Maria Siemionow, Joanna Cwykiel, Ahlke Heydemann, Jesus Garcia-Martinez, Erzsebet Szilagyi

University of Illinois at Chicago, Chicago, USA

5 minutes

A-0802 Tendon transfers and brain plasticity. Results after BR to FPL tendon transfers.

Leiv M. Hove, Knut Wester, Roger Brandon, Alexander Richard Craig-Craven, Kenneth Hugdahl

Haukeland University Hospital and University of Bergen, Norway

5 minutes

Infection and Complications

S32 Free paper session

Friday, 15 June 2018 | 08:00 - 09:00 | Pjerrot

Chairs: Chris Bainbridge, Lone Kirkeby

A-0045 Can open injuries in the hand wait? Our experience with treating open hand injuries as elective day surgery.

Sim Wei Ping, Liang Zhiren Benjamin, Vaikunthan Rajaratnam

Khoo Teck Puat Hospital, Singapore

5 minutes

A-0388 Implant-Related Joint infections of the Hand

Rahel Meier¹, Esther Vögelin¹, Parham Sendi²

Departments of ¹ Plastic and Handsurgery and ² Institute of Infectious Diseases, Bern University Hospital and University of Bern, Switzerland
5 minutes

A-0950 Causative organisms and management in paediatric paronychia: a 4-year retrospective review at a single centre in the UK and a national survey assessing variation in clinical practice

Andrew Roy McKean, Georgina Williams, Akinyemi Idowu, Catherine Milroy

St George's Hospital, London, UK

5 minutes

A-0507 Opinions regarding the management of Pyogenic Flexor Tenosynovitis (tendon sheath infection)

LE Bolton, L C Bainbridge

Pulvertaft Hand Centre, Royal Derby Hospital, Derby, UK

5 minutes

A-0131 Cat and Dog Bites are Different and Require Different Principles of Surgical Management

Abby Choke, Duncan Angus McGrouther

Department of Hand Surgery, Singapore General Hospital

5 minutes

A-0173 Fingertip reconstruction with an innervated digital artery perforator flap

Yoshitaka Tanaka, Hiroyuki Gotani, Kosuke Sasaki, Hirohisa Yagi

Osaka Ekisaikai Hospital, Osaka, Japan

5 minutes

A-0377 Donor site morbidity of vascularized bone grafts from the medial femoral condyle

Victoria F. Struckmann¹, Giuseppe Rusignuolo¹, Ursula Trinler², Ulrich Kneser², Thomas Kremer³, Berthold Bickert¹

¹ Department of Hand-, Plastic and Reconstructive Surgery, BG Trauma Center Ludwigshafen, Germany; ² Laboratory for Clinical Movement Analysis - BG Trauma Center Ludwigshafen, Germany; ³ Department of Plastic Surgery and Hand Surgery, Clinic St. Georg, Leipzig, Germany

5 minutes

A-1050 Perioperative Risk Factors for Complications of Free Flaps in Traumatic Wounds

Raquel Bernardelli Iamaguchi, Renan Lyuji Takemura, Gustavo Bersani Silva, Jairo Andre de Oliveira Alves, Luciano Ruiz Torres, Alvaro Baik Cho, Teng Hsiang Wei, Marcelo Rosa de Rezende, Rames Mattar jr

University of Sao Paulo, Brazil

5 minutes

Dupuytren

S34 Free paper session

Friday, 15 June 2018 | 08:00 - 10:00 | Vandsalen

Chairs: Christianne van Nieuwenhoven, Anders Nilsson

A-0820 Are the Superficial Transverse Palmar Ligament and the Septa of Legueu and Juvara involved in the Dupuytren's disease? Histological and immune-histochemical study.

Isabella Fassola, Benedict Kunz, Kay Krüger, Wolfgang Ertel, Senat Krasnici

Department of Orthopedic, Trauma and Reconstructive Surgery, Charité-Universitätsmedizin Berlin, Campus Benjamin Franklin, Berlin, Germany

5 minutes

A-0787 Patients' treatment experience influence post-operative results in Dupuytren's disease

Ralph Poelstra^{1,2,3}, Ruud W. Selles^{1,3}, Harm P. Slijper², Mark J.W. van der Oest^{1,2,3}, Reinier Feitz², Steven E.R. Hovius^{1,2}, Jarry T. Porsius^{1,2,3}

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands; ² Hand and Wrist Center, Xpert Clinic, The Netherlands; ³ Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands

5 minutes

A-0023 Addition of liposome bupivacaine to bupivacaine 0.5% in wrist nerve blocks improves analgesia compared to bupivacaine 0.5% alone for Dupuytren's contracture release

Catherine Vandepitte, Joris Duerinckx, Ine Leunen, Sam Van Boxstael, Hassanin Jalil, Sofie Louage, Ingrid Meex, Sigrid Christiaens, Gülhan

Özyürek, Marijke Cipers, Max Kuroda

Ziekenhuis Oost-Limburg, Genk, Belgium

5 minutes

A-1111 Long term results with partial fasciectomy in Dupuytren's disease.

Stefano Galli, Guido Zarattini

Orthopaedic Clinic - University of Brescia, Brescia, Italy

5 minutes

A-0034 3-Dimensional Fasciectomy. A new technique for Fasciectomy – a study of 585 patients

Ben Miranda, Charlotte Elliott, Chris Kearsley, David Houghton, Mark Webb, Ian Harvey, Fahmy Fahmy

Countess of Chester Hospital NHS Foundation Trust, Chester, UK

5 minutes

A-0167 Wide-awake minimal selective fasciectomy for Dupuytren's Contracture

Jikang Park, Sangwoo Kang, Jungkwon Cha

Chungbuk National University Hospital, Cheongju, South Korea

5 minutes

A-1078 Predicting complete finger extension after surgery for patients with Dupuytren's disease

Ralph Poelstra^{1,2,3}, Jarry T. Porsius^{1,2,3}, Christianne A. van Nieuwenhoven¹, Harm P. Slijper², Reinier Feitz²; Steven E.R. Hovius^{1,2}, Ruud W. Selles^{1,3}

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands ² Hand and Wrist Center, Xpert Clinic, The Netherlands ³ Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands

5 minutes

A-0072 Digital shortening with auricular second phalanx resection into the dupuytren's digital hooks

Guy Raimbeau, Nicolas Bigorre, Walid Balti, Fabrice Rabarin, Jérôme Jeudy, Pierre Alain Fouque, Alexandre Petit, Bruno Cesari, Yan Saint Cast

Centre de la Main, Trélazé, France

5 minutes

A-0572 McCash and Jacobsen - open palm technique - vs reverse hypothenar flap for the treatment of advanced Dupuytren's disease

Teodor Stamate, Camelia Tamaş, Radu Budurca, Ionut Topa, Ionut Atanasoae

University of Medicine and Pharmacy "Gr.T. Popa" Iasi, Department of Plastic and Reconstructive Surgery, Iasi, Romania

5 minutes

A-0041 Treatment of Dupuytren disease with a whole vial of Clostridium Histioliticum Collagenase, dissolved in 0.6ml of solvent

Yannick Goubau^{1,2}, Bart Berghs¹, Bert Vanmierlo¹, Francis Bonte¹, Chul Ki Goorens³, Jean Goubau^{1,3}

¹ AZ Sint-Jan Brugge, Belgium; ² ASZ Aalst, Belgium; ³ UZ Brussel, Belgium

5 minutes

A-0657 Clinical outcome of collagenase clostridium histolyticum in Dupuytren's disease independent of fibrosis diathesis score?

Katrien Cootjans, Ilse Degreef, Anton Borgers, Luc De Smet, Maarten Van Nuffel

University Hospital Leuven, Belgium

5 minutes

A-0505 Are there unfavorable results after collegians treatment?

Esther Vögelin

University Hospital, Inselspital, Bern, Switzerland

5 minutes

A-0720 Lower recurrence rate of Dupuytren's contracture in metacarpophalangeal (MCP) joints following collagenase clostridium histolyticum treatment compared with percutaneous needle fasciotomy in a randomized controlled study. Preliminary results.

Stig Jørring, Claus Hjorth Jensen

Hand Clinic, Department of Orthopedics, Herlev-Gentofte University Hospital of Copenhagen, Denmark

5 minutes

A-0733 Dupuytren disease seven-day manipulation following Collagenase: safety, efficacy and outcomes

David J Hunter-Smith, Bethany Reynolds, Vicky Tobin, Michael P Chae, Warren M Rozen

Department of Plastic and Reconstructive Surgery, Frankston Hospital, Peninsula Health, Frankston Victoria, Australia; Monash University Plastic and Reconstructive Surgery Group (Peninsula Clinical School), Peninsula Health, Frankston, Victoria, Australia

5 minutes

A-0126 Should collagenase clostridium histolyticum be used in all joints in the treatment of Dupuytren's disease?

Charlotte Hartig-Andreasen^{1,2}, Lena Schroll¹, Jeppe Lange¹

¹ Department of orthopedic surgery, Regional Hospital Horsens, Denmark; ² Hand Surgery Unit, Department of Orthopaedic Surgery, Aarhus

University Hospital

5 minutes

A-0359 Ultrasonography of the pretendinous cord in Dupuytren's disease- a pilot study to correlate morphological patterns before treatment to clinical outcome after two years.

Joakim Strömberg^{1,2}, Petr Vanek³, Jan Fridén^{1,2,4}, Ylva Aurell³

¹ Centre for Advanced Reconstruction of Extremities, Sahlgrenska University Hospital, Mölndal, Sweden; ² Department of Hand Surgery, Sahlgrenska University Hospital, Gothenburg, Sweden; ³ Department of Radiology, Sahlgrenska University Hospital, Mölndal, Sweden; ⁴ Swiss Paraplegic Centre (SPZ), Nottwil, Switzerland

5 minutes

What can FESSH Hand Trauma Committee do for you?

S88 Special session

FESSH HTC Committee Meeting

Friday, 15 June 2018 | 08:00 - 10:00 | Arkaden 7

Chairs: Marcos Sanmartín Fernandez, Kai Megerle, Tufan Kaleli

Spasticity: Non-Surgical and Surgical Treatments

S31 Symposium

Friday, 15 June 2018 | 09:00 - 10:00 | Lumbye

Chairs: Ulrike Schnick, Jan Fridén

A-1158 Non-Surgical Treatment Options for Spasticity

Fin Biering-Sørensen

Copenhagen, Denmark

15 minutes

A-1159 Use of Botulinum Toxin in Decision-Making and Applications to Selective Neurectomy

Caroline LeClercq

Paris, France

15 minutes

A-1160 Surgical Treatment Algorithms in Spasticity

Jan Fridén

Nottwil, Switzerland

15 minutes

Infections of the Hand and Wrist

S33 Symposium

Friday, 15 June 2018 | 09:00 - 10:00 | Pjerrot

Moderators: Konstantinos Malizos, Niels Søren Nielsen

A-1161 Introduction

Konstantinos N. Malizos

Larissa, Greece

2 minutes

A-1162 Infections in the Hand Compartments

Konstantinos N. Malizos

Larissa, Greece

15 minutes

A-1163 Purulent Flexor tenosynovitis of the Hand

Olli V. Leppänen

Tampere University Hospital, Tampere, Finland

15 minutes

A-1164 Masquelet Technique applications in Osteomyelitis of the Hand and Wrist

Laurent Obert

Regional & University Hospital Center of Besançon, France

15 minutes

Lectures 5

S29

Marko Bumbasirevic
Brian Adams

Friday, 15 June 2018 | 09:20 - 10:00 | Carstensen

Chairs: Simon Strackee, David Warwick

A-1131 The Bionic Hand

Marko Bumbasirevic

Serbia

15 minutes

A-1132 Optimizing the Surgical Technique for difficult Wrist Arthroplasty Cases

Brian Adams

USA

15 minutes

Instructional Course 4

S35 Instructional Course session

Fractures of the Hand and Carpus

Friday, 15 June 2018 | 10:30 - 12:30 | Tivoli Congress Hall

Moderator: Martin Richter

A-1226 Metacarpal diaphysis

Pierluigi Tos

Italy

10 minutes

A-1227 Metacarpal subcapital

Hebe Kvernmo

Norway

10 minutes

A-1228 Malunion

Hermann Krimmer

Germany

10 minutes

A-1229 Base phalanx 1

Lars Vadstrup

Denmark

10 minutes

A-1230 Phalanx extraarticular

David Shewring

UK

10 minutes

A-1231 Phalanx intraarticular

David Shewring

UK

10 minutes

A-1232 Avulsions

Michael Solomons

South Africa

10 minutes

Biomechanics of Successful Wrist Arthroplasty

S36 Symposium

(endorsed by HWBI - Hand and Wrist Biomechanics International)

Friday, 15 June 2018 | 10:30 - 12:30 | Carstensen

Chairs: Greg Bain, Frederick Werner

A-1165 Limited wrist fusions - principles and option to maintain motion

Greg Bain
Adelaide, Australia
20 minutes

A-1166 Forces applied to Wrist Implants

Frédéric Schuind
Brussels, Belgium
20 minutes

A-1167 Biomechanical Design Objectives for a Successful Wrist Implant

Fred Werner
Syracuse, NY, USA
20 minutes

A-1168 Restoring functional circumduction of the wrist after total arthroplasty

William Seitz
Cleveland, USA
20 minutes

A-1169 Biomechanics and Clinical Results of MidCarpal Hemi-Arthroplasty

Scott W Wolfe
New York, USA
20 minutes

PIP Problems after Trauma and Surgery

S37 Symposium

Friday, 15 June 2018 | 10:30 - 11:30 | Lumbye

Moderators: Donald Lalonde, Jens Christian Werlinrud

A-1170 PIP problems after trauma and surgery, pearls and tricks for success

Randy Bindra
Australia
12 minutes

A-1171 PIP problems after trauma and surgery, pearls and tricks for success

Mike Hayton
UK
12 minutes

A-1172 PIP problems after trauma and surgery, pearls and tricks for success

Gwendolyn van Strien
The Netherlands
12 minutes

A-1173 PIP problems after trauma and surgery, pearls and tricks for success

Donald Lalonde
Canada
12 minutes

Oral presentation of 10 best posters

S39 Free paper session

Friday, 15 June 2018 | 10:30 - 11:30 | Pjerrot

Chairs: Margarita Kateva, K Valen

Measurements

S41 Free paper session

Friday, 15 June 2018 | 10:30 - 12:15 | Vandsalen

Chairs: Ruud W Selles, Helle Puggård

A-1107 Differences in illness perception in hand surgery patients

M.J.W. van der Oest^{1,2,3}, H.W. Slijper², R. Feitz², S.E. Hovius^{1,2}, J.T. Porsius^{1,2,3}, R.W. Selles^{1,2}

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands; ² Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands. ³ Hand and Wrist Center, Xpert Clinic, the Netherlands.

5 minutes

A-0108 Correlation of Subject Self-Measured Wrist Range of Motion with Direct Provider Measurement

Kevin J. Renfree, Kelly Scott, Cece Skotak, Hamy Temkit

Mayo Clinic, Phoenix, AZ, USA

5 minutes

A-1003 Can subjective patient reported outcome predict objective timed Sollerman Hand Function Test?

Amin Kheiran, Harvinder P. Singh, Joseph J. Dias, Grey Giddins

University Hospitals of Leicester, UK

5 minutes

A-0202 The EuroQol EQ-5D to measure quality of life in patients with hand and upper extremity conditions: A systematic literature review about its application and measurement properties.

Miriam Marks, Cécile Grobet, Laurent Audigé

Schulthess Klinik, Zurich, Switzerland

5 minutes

A-0109 Correlation between patient rated outcome questionnaire and single assessment numerical evaluation score in the fracture of distal radius

Chang-Hun Lee¹, Wan-Sun Choi², Sung-Jae Kim³, Joo-Hak Kim⁴, Kwang-Hyun Lee⁵

¹ Eulji Medical Center, Eulji University College of Medicine, Seoul, Korea; ² Ajou University College of Medicine, Suwon, Korea; ³ Hallym University College of Medicine, Hwasung, Korea; ⁴ Seonam University College of Medicine, Goyang, Korea; ⁵ Hanyang University College of Medicine, Seoul, Korea

5 minutes

A-0705 Validity of the Patient-Rated Wrist Evaluation Questionnaire in Rheumatoid Hand

Zeynep Tuna¹, Oguzhan Mete², Gizem Tore¹, Songul Baglan Yentur¹, Deran Oskay¹, Abdurrahman Tufan³

¹ Gazi University Faculty of Health Sciences Department of Physiotherapy and Rehabilitation, Ankara, Turkey; ² Yildirim Beyazit University Faculty of Health Sciences Department of Physiotherapy and Rehabilitation, Ankara, Turkey; ³ Gazi University Faculty of Medicine Department of Internal Medicine Division of Rheumatology, Ankara, Turkey

5 minutes

A-0783 Patient Reported Outcome Measures for Toe-to-Hand Transfer: a Prospective Longitudinal Study

Cheng-Hung Lin, Tzong-Yun Tsai, C Anton Fries, Jo-Chun Hsiao, Chung-Chen Hsu, Yu-Te Lin, Shih-Heng Chen, Chih-Hung Lin, Fu-Chan Wei
Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Chang Gung Medical College and Chang Gung University, Taipei, Taiwan

5 minutes

A-0240 Development of a new measurement method for kinematic analysis of the hand

Gabriella Fischer, Lisa Reissner, Diana Jermann, Pietro Giovanoli, Maurizio Calcagni

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

5 minutes

A-0502 Validity and reliability of a hand-held dynamometer for measuring forearm rotation strength compared to the Biodex

Anouk van Ham, Sander Brink, Gertjan Kroon, Elske Bonhof, Raoul Winter

Isala Hand and Wrist Centre, Zwolle, the Netherlands

5 minutes

A-0444 Distal radio ulnar joint assessment: reliability and validity of forearm torque

Peter Axelsson¹, Johan Kärrholm²

¹ Department of Hand Surgery; ² Department of Orthopaedics, Institute of Clinical Sciences, Sahlgrenska Academy, Gothenburg University, Sweden

5 minutes

A-0239 Wrist and Finger motion: A comparison of goniometric and 3D motion capture technique

Lisa Reissner, Gabriella Fischer, Pietro Giovanoli, Maurizio Calcagni

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

5 minutes

A-0405 Item reduction of the Boston Carpal Tunnel Questionnaire using decision tree modelling

M.C. Jansen^{1,3}, M.J.W. van der Oest^{1,3}, H.P. Slijper^{1,2}, J.T. Porsius^{1,2,3}, R.W. Selles^{1,3}

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus MC, Rotterdam, The Netherlands; ² Xpert Clinic, Rotterdam, the Netherland; ³ Department of Rehabilitation Medicine, Erasmus MC, Rotterdam, The Netherlands

5 minutes

A-0941 Review of the relevance of the Soong classification with 200 implant removals after palmar plate fixation of distal radius fractures

Yekta Gören, Annika Arsalan-Werner, Julia Sebald, Dennis Wincheringer, Reinhard Hoffmann, Michael Sauerbier

BG Unfallklinik Frankfurt am Main, Germany

5 minutes

Hand Trauma Centers - different systems in Europe

S89 Special session

Hand Trauma Committee Symposium

Friday, 15 June 2018 | 10:30 - 12:00 | Arkaden 7

Chairs: Piotr Czarnecki, Martin Leixnering, Pierluigi Tos

A-1304 Promoting Excellence in Hand Trauma Care through a Ranking System

Marcos Sanmartín Fernandez

Spain

12 minutes

A-1305 How to Improve the Standard of Care in Hand Trauma

Peter Houpt

The Netherlands

12 minutes

A-1306 Medical Centers Urgent Care Networks in Different Medical Specialties in Europe

Igor Golubev

Russia

12 minutes

A-1307 Medical legal issues in hand trauma care: Causes, cost and prevention

Zoe Dailiana

Greece

12 minutes

A-1308 Prevention Wave

Anna de Leo, Lara Yildirimer, Colin Brewster

UK

12 minutes

A-1316 Hand Injury Reporting System

Tufan Kaleli

Turkey

12 minutes

A-1309 Hand Prevention Congress Torino in 2018

Bruno Battiston, Martin Leixnering, Tufan Kaleli, Anna de Leo

Italy, Austria, Turkey, UK

12 minutes

Contractures and Finger Trauma

S38 Free paper session

Friday, 15 June 2018 | 11:30 - 12:40 | Lumbye

Chairs: Marko Bumbasirevic, Charlotte Hartig-Andreasen

A-0756 Post-traumatic interosseous-lumbrical adhesions, diagnosing may be difficult but surgery is easy.

Daniel Muder^{1,2}, Torbjörn Vedung^{1,2}

¹ Department of Surgical Sciences, Uppsala University, Uppsala, Sweden; ² Department of Orthopedic and Hand Surgery, Uppsala University Hospital, Uppsala, Sweden

5 minutes

A-0799 The Use of Local Vascularized Adipofascial Flaps for Joint Capsule Reconstruction after Contracture Release

Che-Hsiung Lee, Charles Y. Y. Loh, Yu-Te Lin

Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Chang Gung University, College of Medicine, Taoyuan and Keelung, Taiwan

5 minutes

A-0262 Partial excision of volar plate and dorsal capsulotomy in patients with post-traumatic ankylosis of finger joint in the hand

Yo Han Lee, Jihyeung Kim, Young Ho Lee, Hyun Sik Gong, Kee Jeong Bae, Goo Hyun Baek

Seoul National University, Seoul, South Korea

5 minutes

A-0115 The Outcomes of Extension Block Pinning and Nonsurgical Management for Mallet Fracture

Shin Woo Choi¹, Jae Kwang Kim¹, Young Ho Shin¹, Joo-Yul Bae²

¹ Asan Medical Center, Seoul, South Korea; ² Gangneung Asan Hospital, Gangneung-si, South Korea

5 minutes

A-0765 The use of titanium miniature plates and screws for the treatment of intra and extra-articular fractures of the hand

Sokratis Varitimidis, Zoe Dailiana, Ioannis Antoniou, Dimitris Agorastakis, Stratis Athanaselis, Konstantinos Malizos

Department of Orthopaedic Surgery, University of Thessalia, Larissa, Greece

5 minutes

A-0137 Comparative Mechanical Properties of Conventional and Locking Kirschner wire fixation: An Experimental Study in Chicken Humerus

Veeranon Chunyawongsak, Suriya Luenam, Arkaphat Kosiyatrakul

Department of Orthopaedic Surgery, Phramongkutklao Hospital and College of Medicine, Bangkok, Thailand

5 minutes

A-0560 Periphalarangeal steel wire loop pullout technique in proximal interphalangeal joint(PIPJ) fracture dislocation

Ho-Jung Kang¹, Won-taek Oh², Sang-yun Lee¹, Jung Jun Hong¹, Il-hyun Koh³, Kam Jinhwa¹

¹ Gangnam Severance Hospital, Seoul, South Korea; ² Severance Hospital, Seoul, South Korea; ³ Yong-in Severance Hospital, Yong-in, South Korea

5 minutes

A-0019 Mallet fracture - DIPJ volar subluxation is not predicted by fragment size but direction of force and anatomy of DIPJ

Samuel Isaacs¹, Michael Solomons², Nick Riley³

¹ Dept. of Plastic and Reconstructive surgery, Oxford University Hospital NHS Foundation Trust West wing John Radcliffe, Headley Way, Oxford, UK; ² Martin Singer Hand Unit, Department of Orthopaedic Surgery Groote schuur Hospital Cape Town, South Africa; ³ Dept. of Hand surgery, Nuffield Orthopaedic centre, Oxford University Hospital NHS Foundation Trust, Oxford, UK

5 minutes

A-0258 Comparison of clinical results between low-profile plating and external fixation for fracture-dislocations of the proximal interphalangeal joint

Atsuhiko Murayama¹, Kentaro Watanabe¹, Hideyuki Ota¹, Yuki Fujihara¹

¹ Department of Orthopaedic Surgery Rheumatology, Nagoya Ekisaikai Hospital, Nagoya, Japan.

5 minutes

Nerve Compression and Nerve Trauma

S40 Free paper session

Friday, 15 June 2018 | 11:30 - 12:30 | Pjerrot

Chairs: Bruni Battiston, N Thomsen

A-0403 Predicting clinical outcome after surgical treatment in patients with carpal tunnel syndrome

M.C. Jansen^{1,3}, S. Evers^{1,3}, H.P. Slijper^{1,2}, K.P. de Haas², X. Smit^{1,2}, S.E. Hovius^{1,2}, R.W. Selles^{1,3}

¹ Department of Plastic, Reconstructive and Hand Surgery, Erasmus Medical Center, Rotterdam, the Netherlands; ² Xpert Clinic, Rotterdam, the Netherlands; ³ Department of Rehabilitation Medicine, Erasmus Medical Center, Rotterdam, the Netherlands

5 minutes

A-0302 Clinical Improvement in Patients Older Than 80 Years After Carpal Tunnel Release

Antonio Dudley Porras, Julian Del Rio Hortelano, Andres Leon Gutierrez, Juan Francisco Jimenez Sanchez, Jens Cardenas Salas

Hospital Universitario de la Princesa, Madrid, Spain

5 minutes

A-0277 Intra-individual Comparison of Surgical Results Between Open and Paine Retinaculotome Release in Patients with Bilateral Carpal Tunnel Syndrome

Carlos Henrique Fernandes, Lia Miyamoto Meirelles, Marcela Fernandes, Luis Renato Nakachima João Baptista Gomes dos Santos, Flavio Fallopa
Hospital São Paulo/ Universidade federal de São Paulo/ Hand Surgery Unit, Brazil
5 minutes

A-0779 A Genome-wide Association Study of Carpal Tunnel Syndrome

Akira Wiberg^{1,3}, Michael Ng¹, Annina Schmid², Georgios Baskozos², David Bennett², Dominic Furniss^{1,3}
¹ Nuffield Department of Orthopaedics, Rheumatology, and Musculoskeletal Science, University of Oxford, Oxford, UK; ² Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, UK; ³ Department of Plastic and Reconstructive Surgery, Oxford University Hospitals NHS Foundation Trust, Oxford, UK
5 minutes

A-0160 The association of scapular kinematics and carpal tunnel syndrome

Nicolas Bigorre, Alexandre Petit, Jérôme Jeudy, Yann Saint Cast, Fabrice Rabarin, Bruno Cesari, Frederic Degez
Centre de la Main, Trelaze, France
5 minutes

A-0447 Iatrogenic nerve injuries of the upper extremity in childhood

Ulrike Schnick, Richarda Boettcher
Unit for reconstructive Surgery in Brachial Plexus Injuries, Tetraplegia and Cerebral Disorders, Unfallkrankenhaus Berlin, Germany
5 minutes

A-0490 A prospective clinical trial on Neurolac nerve conduits for nerve repair in hand trauma

Nefer Fallico^{1,2}, Anna Maria Spagnoli¹, Nicolò Scuderi¹
¹ Sapienza University of Rome, Department of Plastic and Reconstructive Surgery, Rome, Italy; ² Guy's and St. Thomas' Hospital, Department of Plastic Surgery, London, UK
5 minutes

A-0450 The effect of adipose derived Mesenchymal Stem Cells on neoangiogenesis in processed nerve allografts

Femke Mathot^{1,2}, Nadia Rbia¹, S.E.R. Hovius¹, A.T. Bishop², A.Y. Shin²
¹ Erasmus Medical Center, Rotterdam, The Netherlands; ² Mayo Clinic, Rochester, Minnesota, USA
5 minutes

A-0785 Distal sensory to distal motor nerve anastomosis can protect lower extremity muscle atrophy in a murine model.

Mohammad Ali Hosseini, Ali Ghribian
Beheshty University, Emam Hossein Hospital, Tehran, Iran
5 minutes

EWAS General Assembly

S93 Special session

Friday, 15 June 2018 | 12:40 - 14:00 | Arkaden 7

Clinical Evidence and Case Studies on Peripheral Nerve Allograft

S83

AxoGen

Friday, 15 June 2018 | 13:00 - 13:50 | Lumbye

Current Approaches to Wrist Arthropathy

S84

Acumed and Swemac

Friday, 15 June 2018 | 13:00 - 13:50 | Pjerrot

Peripheral nerve repair solutions, Transforming patient recovery

S85

Polyganics

Friday, 15 June 2018 | 13:00 - 13:50 | Arkaden 8

Mini Invasive Surgery in Hand Arthroplasty

S86

Wright

Friday, 15 June 2018 | 13:00 - 13:50 | Arkaden 6

Two decades of clinical experience with the Herbert Ulnar Head Prosthesis

S87

KLS Martin

Friday, 15 June 2018 | 13:00 - 13:50 | Vandsalen

Has any Implant proven better than Silicone Spacers?

S42 Symposium

Friday, 15 June 2018 | 14:00 - 15:20 | Tivoli Congress Hall

Moderators: Torben Bæk Hansen, Allan Ibsen Sørensen

A-1174 Introduction

Torben Bæk Hansen
Holstebro, Denmark
2 minutes

A-1175 Silicone MCP and PIP joint arthroplasty – still the gold standard?

Kevin C. Chung
Michigan, USA
15 minutes

A-1176 Pyrocarbon MCP and PIP joint arthroplasty – what are the benefits

Sumedh Talwalker
Wrightington, UK
15 minutes

A-1177 Modular PIP joint implants – why?

Philippe Bellemère
Nantes, France
15 minutes

A-1178 Cemented vs cementless fixation of PIP and MCP implants

Maiken Stilling
Aarhus, Denmark
15 minutes

A-1179 Wide awake surgery in PIP and MCP total joint arthroplasty

Mike Hayton
Wrightington, UK
10 minutes

A-1180 Evaluation and follow up of implants – the need for a standard

Torben Bæk Hansen
Holstebro, Denmark
10 minutes

Hand Surgery at the Frontier. Session of Young hand surgeons - 1

S44 Free paper session

Friday, 15 June 2018 | 14:00 - 16:00 | Carstensen

Chairs: Luzian Haug, Janni Kjærgaard Thillemann

A-1233 What do we expect from FESSH

Luzian Haug
Bern, Switzerland
10 minutes

A-1240 How to get your paper published

Grey Giddins
Bath, UK
20 minutes

A-0237 Neuropathic pain after repair of brachial plexus injury : a 30-year follow-up of the Narakas' series

Swenn Maxence Krähenbühl, Chantal Bonnard, Laurent Wehrli
Lausanne University Hospital, Lausanne, Switzerland
5 minutes

A-0482 Pisiform Excision; a solution for a long-term ulnar sided wrist pain. A retrospective analysis, comparing pre- and postoperative measurements

M.V. van Burink, S. Al Shaer, J. van Rossen, A. Fink, H. Slijper, T. M. Moojen, H. Rakhorst, G. van Couwelaar, R. Feitz, O.T. Zöphel
Xpert Clinic, The Netherlands
5 minutes

A-1075 Extensor tendons adhesions: the role of different anti-adherent agents. Preliminary evidences from an Italian multicentric study.

Alfio L Costa¹, Franco Bassetto², Francesco Monticelli², Mario Cherubino³, Luigi Valdatta³, Bruno Battiston⁴, Alessandro Crosio⁴, Davide Ciclamini⁴, Ferdinando Stagno d'Alcontres¹, Francesco Zanchetta¹, Valerio Licciardello¹, Mara Franza¹, Giorgio Lo Giudice¹, Pietro Micieli¹, Antonina Fazio¹, Mariarosaria Galeano¹, Gabriele Delia¹, Michele R Colonna¹

¹ University of Messina, Department of Human Pathology of the Adult, the Child and the Adolescent, Messina, Italy; ² Padua University Hospital, Clinic of Plastic Surgery, Padua, Italy; ³ Division of Plastic and Reconstructive Surgery, Department of Biotechnology and Life Sciences (DBSV), University of Insubria, Varese, Italy; ⁴ Azienda Ospedaliero Universitaria Citta della Salute e della Scienza di Torino, Department of Traumatology, Turin, Italy

5 minutes

A-0328 Prevalence of the Linburg–Comstock Anomaly in Women with Carpal Tunnel Syndrome

Saulo Rodrigues Moreira, Carlos Henrique Fernandes, Lia Myamoto Meirelles, Luis Renato Nakachima, João Baptista Gomes dos Santos, Flavio Fallopa

Hospital São Paulo/Universidade Federal de São Paulo/ Department of Orthopedic Surgery/ Hand Surgery Unit, Brazil

5 minutes

A-0471 Reconstructive Surgery for the Type V and VI of Duplicated Thumbs

Soojin Woo¹, Byungjun Kim¹, Hyeonwoo Kim¹, Sung Tack Kwon¹, Sang-Hyun Woo²

¹ Seoul National University Hospital, Seoul, South Korea; ² W Hospital, Daegu, South Korea

5 minutes

A-0746 Clinical application of 3D printing technology for preoperative planning of thumb reconstruction using donor toe

Xu Lin¹, Tan Haitao¹, Wei Pingou¹, Luo Xiang¹, Chaitanya S. Mudgal²

¹ Department of Hand and Foot Microsurgery, Guigang City People's Hospital, Guigang, Guangxi, China; ² Department of Orthopaedic Surgery, Orthopaedic Hand and Upper Extremity Service, Massachusetts General Hospital, Boston, Massachusetts, USA

5 minutes

A-0275 Clinical and biological results of autologous fat transplantation for treatment of carpometacarpal-1 osteoarthritis: Differences between the anti-inflammatory effects of fat and ADSPCs on osteoarthritic chondrocytes.

Elisabeth M Haas^{1,2}, Sara Taha¹, Paolo Alberton¹, Attila Aszodi¹, Riccardo E Giunta², Elias Volkmer^{1,2}, Maximilian M Saller¹

¹ Experimental Surgery and Regenerative Medicine (ExperiMed), Department of General, Trauma and Reconstructive Surgery, Ludwig-Maximilians-University (LMU), Germany; ² Hand, Plastic and Aesthetic Surgery, Ludwig-Maximilians-University Munich, Germany

5 minutes

A-0547 A novel use of QR code stickers after orthopaedic plaster application

G Fieraru, AT Gough, R Middleton, P Gafney, M Butler, RJ Kincaid
Trauma and Orthopaedic Department, The Royal Cornwall Hospital, Truro, UK
5 minutes

A-0792 Interobserver Reliability Study of the Classification of Scaphoid Waist Fractures using Computer-Tomography

Rasmus Wejnold Jørgensen, Anders Klahn, Johannes Heindl, Lars Solgård, Lars Vadstrup, Dejan Susic, Robert Gvozdenovic, Stig Jørring, Claus Hjorth Jensen
Hand Clinic, Department of Orthopedics, Herlev-Gentofte University Hospital of Copenhagen, Denmark
5 minutes

A-1234 Possibility of research within FESSH

Simon Farnebo
Linköping, Sweden
15 minutes

Active Tendon Rehabilitation

S45 Symposium

Friday, 15 June 2018 | 14:00 - 15:00 | Lumbye

Moderators: Sara Larsson, Helle Puggård

A-1181 Active extensor tendon rehabilitation for zones 3-7; short arc motion and relative motion – two different approaches

Gwendolyn van Strien
The Netherlands
35 minutes

A-1182 Solving boutonniere, PIP joint extensor lag and hand pain problems with relative motion splinting

Donald Lalonde
Canada
15 minutes

Microsurgery and Flaps

S47 Free paper session

Friday, 15 June 2018 | 14:00 - 16:10 | Pjerrot

Chairs: Alexandru Georgescu, Anders Lorentsen

A-0479 Super microsurgery; open guide technique, is the appropriate technique for microvascular anastomosis to be integrated into a microsurgical training process?

Fidel Cayón^{1,2,3}, Germán Hernández^{1,4,5}

¹ Universidad El Bosque, Bogotá, Colombia; ² Centro de Especialidades Ortopedicas, Quito, Ecuador; ³ Hospital Metropolitano, Quito, Ecuador; ⁴ Sura ARL, Bogotá, Colombia; ⁵ Clinica Los Nogales, Bogotá, Colombia
5 minutes

A-0823 Confirmation of the Feasibility of Ex Vivo Creation of a Novel Human Multi-Chimeric Cells Therapy for Tolerance Induction in Vascularized Composite Allotransplantation

Joanna Cwykiel, George Rafidi, Maria Siemionow
University of Illinois at Chicago, Chicago, USA
5 minutes

A-0888 Treatment of Fingertip Amputation by Composite Graft and Temporary Dermo-dermal Fusion to the Palm in Children

Max Mann, Wiebke Hülsemann
Children's Hospital Wilhelmstift, Handsurgery Department, Hamburg, Germany
5 minutes

A-0449 Microsurgical Flow-through Flaps for Reconstruction of Volar Tissue Defect of Fingers

Chao Chen, Liwen Hao, Zengtao Wang
Shandong Provincial Hospital affiliated to Shandong University, Jinan, China
5 minutes

A-0557 Ultra-thinned pedicled groin flap to salvage degloved ring fingers: report of four cases

Adeline Cambon-Binder, Violaine Beauthier-Landauer, Alain-Charles Masquelet, Alain Sautet

Saint-Antoine Hospital, Paris, France

5 minutes

A-0813 Supermicrosurgical free perforator flaps for reconstruction of soft tissue defect of finger pulp

Liwen Hao, Chao Chen, Zengtao Wang

Shandong Provincial Hospital affiliated to Shandong University, Jinan, China

5 minutes

A-0576 An outcomes study of microvascular replantation in 1013 multi-level complete traumatic finger amputations - a tertiary trauma center experience

Yi-Chun Huang¹, Charles Loh², Shih-Heng Chen², Cheng-Hung Lin², Yu-Te Lin², Chung-Chen Hsu²

¹ Surgery, Chang Gung Memorial Hospital, Taiwan; ² Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Taiwan

5 minutes

A-0464 Microsurgical and Non-microsurgical tricks in thumb replantation

Teodor Stamate, Radu Budurca, Camelia Tamas, Mihaela Pertea, Ionut Topa, Ionut Atanasoae

Department of Plastic and Reconstructive Microsurgery, University of Medicine and Pharmacy "Gr.T.Popa", Iasi, Romania

5 minutes

A-0964 25-year experience of microsurgical thumb reconstruction in children

Sergei Goliata, Anton Govorov, Tatyana Tikhonenko

Turner Institute for Children's Orthopedics, St. Petersburg, Russia

5 minutes

A-0743 Computed tomography angiography allows the classification of the first dorsal metatarsal artery

Xu Lin¹, Tan Haitao¹, Wei Pingou¹, Luo Xiang¹, Chaitanya S. Mudgal²

¹ Department of Hand and Foot Microsurgery, Guigang City People's Hospital, Guigang, Guangxi, China; ² Department of Orthopaedic

Surgery, Orthopaedic Hand and Upper Extremity Service, Massachusetts General Hospital, Boston, Massachusetts, USA

5 minutes

A-0992 Use of Second Dorsal Metacarpal Artery Skin Flaps for Treating Retractions in the First Hand Commissure

Samuel Ribak, Helton Hirata, Sergio Gama, Alexandre Tietzmann, Frederico Zink

Pontifical Catholic University of Campinas, Campinas, Brazil

5 minutes

A-1015 Do two venous anastomosis decrease free flaps complications in anterolateral thigh flap for limb reconstruction?

Raquel Bernardelli Imaguchi, Renan Lyuji Takemura, Gustavo Bersani Silva, Jairo Andre de Oliveira Alves, Alvaro Baik Cho, Teng Hsiang Wei,

Marcelo Rosa de Rezende, Rames Mattar jr

University of Sao Paulo, Brazil

5 minutes

A-0744 Hyphenated technique of CT angiography with color Doppler ultrasound for accurate posing before anterolateral thigh flap transplantation in 19 clinical cases

Xu Lin¹, Tan Haitao¹, Wei Pingou¹, Luo Xiang¹, Chaitanya S. Mudgal²

¹ Department of Hand and Foot Microsurgery, Guigang City People's Hospital, Guigang, Guangxi, China; ² Department of Orthopaedic Surgery,

Orthopaedic Hand and Upper Extremity Service, Massachusetts General Hospital, Boston, Massachusetts, USA

5 minutes

A-0503 Treatment of complex distal radius fracture nonunion with posterior interosseous bone flap

Reza Sh. Kamrani^{1,2}, Amir reza Farhood^{1,2}

¹ Tehran University of Medical Sciences; ² Joint reconstruction Research Center of TUMS

5 minutes

A-0812 How far the indication can be pushed for local perforator flaps in complex defects of the upper limb?

Alexandru Georgescu, Ileana Matei, Maria Nedu, Marius Pruna

University of Medicine Iuliu Hatieganu Cluj Napoca, Romania

5 minutes

PIP and CMC 1 Arthritis

S48 Free paper session

Friday, 15 June 2018 | 14:00 - 16:00 | Vandsalen

Chairs: Marco Ritt, Rasmus Dehli Thorkildsen

A-0598 Proximal interphalangeal joint denervation: is it an alternative and efficient surgical procedure for proximal interphalangeal joint arthritis ?

Michel Chammas¹, Michael Bouyer², Jefferson Braga Silva³, Jorge Boretto⁴, Cyril Lazerges¹, Bertrand Coulet¹

¹ Hand surgery unit, Lapeyronie University Hospital, Montpellier, France; ² Michallon University Hospital, Grenoble, France; ³ Hand Suregry Unit, University Hospital, Pontifical University Catholic of Rio Grande do Sul, Porto Alegre, Brazil ⁴ Hand Surgery unit, Italian hospital, Buenos Aires, Argentina
5 minutes

A-0430 Minimal Important Change and Patient Acceptable Symptom State for the brief Michigan Hand Outcomes Questionnaire in patients after PIP joint arthroplasty

Miriam Marks ¹, Stefanie Hensler ¹, Daniel B. Herren ², Stephan Schindele ²

¹ Department of Teaching, Research and Development, Schulthess Klinik, Zurich, Switzerland; ² Department of Hand Surgery, Schulthess Klinik, Zurich, Switzerland

5 minutes

A-0611 Double Oblique Osteotomy and Rotation of trapezo- metacarpal joint block (DOOR procedure). Surgical technique about 88 cases

Jean-Luc Roux, Amirouche Dahmam

Institut Montpelliérain de la Main, Clinique Sain Roch, Montpellier, France

5 minutes

A-0742 Positive experience with the treatment process associated with better outcome after surgery for Carpometacarpal osteoarthritis

Jonathan Tsehaie ^{1,2}, Mark van den Oest ^{1,2}, Ralph Poelstra ^{1,2}, Ruud W. Selles ^{1,2,3}, Reinier Feitz ², Harm Slijper ², Steven Hovius ^{1,2}, Jarry T. Porsius ^{1,2,3}, the Hand-Wrist Study Group

¹ Dept of Plastic, Reconstructive and Hand Surgery, Erasmus Medical Center Rotterdam, the Netherlands; ² Hand and Wrist Surgery, Xpert Clinic, the Netherlands; ³ Dept of Rehabilitation Medicine, Erasmus Medical Center Rotterdam, the Netherlands

5 minutes

A-0934 Evidence based operative treatment of basal thumb arthritis: Has the evidence affected the treatment choices of hand surgeons?

Petros Mikalef ¹, Dominic Power ², David Warwick ³

¹ Southampton NHS Treatment Centre, Southampton, UK; ² Birmingham Hand Centre, Birmingham, UK; ³ University Hospital Southampton, Southampton, UK

5 minutes

A-0962 Functional outcome comparing a dual mobility cup to a standard cup in total joint arthroplasty of the trapeziometacarpal joint

Lone Kirkeby ^{1,2}, Lene Dremstrup ¹, Maiken Stilling ^{1,2,3}, Torben Bæk Hansen ^{1,2}

¹ Regional Hospital West Jutland, Holstebro, Denmark; ² Aarhus University, Aarhus, Denmark; ³ Aarhus University Hospital, Aarhus, Denmark

5 minutes

A-0967 The use of RegJoint in first CMC joint arthrosis, Eaton 2°-3° stages. Review of 50 cases with personal technique.

Gaetano Carriere

Villa Erbosa Hospital, Bologna, Italy

5 minutes

A-0003 Is cortical contact necessary to prevent metacarpal stem subsidence in trapeziometacarpal arthroplasty?

J. Duerinckx ¹, S. Perelli ², P. Caekebeke ¹

¹ Ziekenhuis Oost-Limburg, Genk, Belgium; ² University of Pavia, Pavia, Italy

5 minutes

A-0890 Long-term follow up after Pyrocarbon disc interposition for CMC thumb joint osteoarthritis

CMCA van Laarhoven ^{1,2,3}, JSE Ottenhoff ³, AH Schuurman ³, Brigitte van der Heijden ²

¹ Erasmus Medical Center, Rotterdam, the Netherlands; ² Jeroen Bosch Hospital, 's Hertogenbosch, the Netherlands; ³ University Medical Center, Utrecht, the Netherlands

5 minutes

A-1000 Pirodisk in first CMC joint arthrosis : 120 cases, follow up from one to nine years

Mr. Gaetano Carriere

Villa Erbosa Hospital, Bologna Italy

5 minutes

A-1065 Joint survival analysis and clinical outcome of total joint arthroplasties with the isis implant in the treatment of trapeziometacarpal osteoarthritis: multicenter prospective continue case series.

Gauthier Menu, Etienne Boyer, François Loisel, Daniel Lepage, Laurent Obert

Orthopedic, Traumatology, and Hand Surgery Unit, CHRU Besancon - University of Bourgogne - Franche Comte, Bd Fleming, 25030 Besanc_on, France

5 minutes

A-0597 Early loosening of the Elektra trapezial cup; a histological study

Rasmus Thorkildsen ¹, Carina B Johansson ², Johan Høgmalm ³, Magne Røkkum ^{1,4}

¹ Oslo University Hospital Upper Extremity- and Microsurgical Unit, Oslo, Norway; ² Odontological Institute, Gothenburg University, Gothenburg, Sweden; ³ Institute for Geological Science, Gothenburg University, Gothenburg, Sweden; ⁴ University of Oslo, Oslo, Norway

5 minutes

A-0832 Retrospective study of secondary surgery after trapeziometacarpal joint arthroplasty.

Romain Detammaecker, Sophie Sabau, Lionel Athlani, Hugo Maschino, Gilles Dautel

Department of Hand Surgery, Plastic and Reconstructive Surgery. Centre Chirurgical Emile Gallé CHU, France

5 minutes

A-0894 Arthroscopic distal hemitrapeziectomy versus open distal hemitrapeziectomy without interposition in osteoarthritis of the first CMC joint; Two year follow up results of a randomized controlled trial

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

¹ Franciscus Gasthuis, Rotterdam, The Netherlands; ² Haga Hospital, The Hand and Wrist Center, The Hague, The Netherlands; ³ Erasmus Medical Center, Rotterdam, The Netherlands

5 minutes

A-1088 Arthroscopic CM Arthroplasty with Suture-Button Suspensionplasty Short term follow-up

Keiji Fujio¹, Takumi Hashimura², Kazuaki Tsuyuguchi¹, Hyongyon Kan¹, Masayuki Matsuoka¹

¹ Hand Center and Medical Institute of Kansai Electric Power Hospital ² Orthopaedic department of Kobe Municipal Medical Center

5 minutes

Hand Therapy

S46 Free paper session

Friday, 15 June 2018 | 15:00 - 16:00 | Lumbye

Chairs: Gwendolyn van Strien, Kecia Ardensø

A-0830 The effect of electromyographic (EMG) biofeedback training on electrical muscle activity and functional status in zone I-III flexor tendon injuries: preliminary results

Umut Eraslan¹, Ali Kitis¹, Ahmet Fahir Demirkan²

¹ Pamukkale University, School of Physical Therapy and Rehabilitation, Denizli, Turkey; ² Pamukkale University, Medical Faculty, Department of Orthopaedics and Traumatology, Denizli, Turkey

5 minutes

A-0257 Comparison of functional outcome following two rehabilitation protocols after flexor tendon repair

Christian Wirtz, Elisabeth Oberfeld, Rahel Meier, Esther Vögelin

Department of Plastic and Hand Surgery, Inselspital, University of Bern, Switzerland

5 minutes

A-0417 The Effect of Wrist Position on Tendon Loads Following Pulley Sectioning and Operative Reconstruction

Mohammad Haddara^{1,2}, Brett Byers², Louis Ferreira^{1,2}, Nina Suh²

¹ Department of Biomedical Engineering, University of Western Ontario, London, ON, Canada; ² Roth|McFarlane Hand and Upper Limb Centre, St. Joseph's Hospital, London, ON, Canada

5 minutes

A-0241 Kinematic analysis of the hand during opening a jar and yoghurt

Lisa Reissner, Gabriella Fischer, Pietro Giovanoli, Maurizio Calcagni

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

5 minutes

A-1084 The myth of the 'uninjured' side after hand injury

İlkem Ceren Sığırmaç, Özge Buket Cesim, Burcu Semin Akel, Çiğdem Öksüz

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

5 minutes

A-0859 Kinesiophobia and Its Relation with Functional Outcomes in Hand Injuries

Özge Buket Cesim, Burcu Semin Akel, Çiğdem Öksüz

Hacettepe University, Ankara, Turkey

5 minutes

A-0861 Is There a Relation Between Kinesiophobia and Sense of Coherence in Hand Injuries?

Özge Buket Cesim, Elif Cimilli, Çiğdem Öksüz, Burcu Semin Akel

Hacettepe University, Ankara, Turkey

5 minutes

A-0589 Effectiveness of application of variable splinting devices in postoperative movement rehabilitation in patients with posttraumatic elbow contractures

IM Kurinnyi, OS Strafun, AS Lysak

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

5 minutes

Wrist arthroplasty

S43 Free paper session

Friday, 15 June 2018 | 15:20 - 16:10 | Tivoli Congress Hall

Chairs: Zulfiqar Rahimtoola, Ole Reigstad

A-0012 Universal 2 total wrist arthroplasty as a salvage procedure for failed BIAx total wrist arthroplasty

HJA Zijlker, MJ Berkhout, MJPF Ritt, CN van Leeuwen, CB IJsselstein

¹ VU University Medical Center, Amsterdam, The Netherlands; ² Albert Schweitzer Hospital, Dordrecht, The Netherlands

5 minutes

A-0195 High precision and accuracy with model-based RSA in two different wrist arthroplasties

Trygve Holm-Glad, Stephan Röhl, Masako Tsukanaka, Magne Røkkum, Ole Reigstad

Oslo University Hospital, Oslo, Norway

5 minutes

A-0416 Short to intermediate results of the Motec total wrist arthroplasty

Edwin Ooms ¹, Duncan McGuire ², Tim Sluis-Cremer ², Michael Solomons ²

¹ Centre for Orthopaedic Surgery OCON, Hand and Wrist unit, Hengelo, The Netherlands; ² Martin Singer Hand Unit, Groote Schuur Hospital, University of Cape Town, South Africa

5 minutes

A-0619 Good results 7 years after wrist arthroplasty revision surgery in 28 patients

Ole Reigstad ¹, Trygve Holm-Glad ^{1,2}, Siri Roness ³, Christian Grimsgaard ¹, Rasmus Thorkildsen ^{1,2}, Magne Røkkum ^{1,2}

¹ Upper extremity and microsurgical unit, Division of Orthopaedic Department, Oslo University Hospital, Norway; ² Institute of Clinical Medicine, University of Oslo, Oslo, Norway; ³ Physiotherapy Unit, Department for Clinical Service, University Hospital of Oslo, Norway

5 minutes

A-0712 Long-term outcomes of the use of a spherical ulnar head prosthesis for failed Sauvé-Kapandji procedures

Margaret Fok ¹, Diego Fernandez ², Jörg van Schoonhoven ³

¹ Department of Orthopaedics and Traumatology, Queen Mary Hospital, The University of Hong Kong, Hong Kong; ² Department of Orthopaedic Surgery, Lindenhof Hospital, Bern, Switzerland; ³ Clinic for Hand Surgery, Bad Neustadt an der Saale, Bavaria, Germany

5 minutes

Update on the Treatment of Peri-Trapezial Osteo-Arthritis

S49

A clinical debate on 6 cases

Friday, 15 June 2018 | 16:30 - 17:30 | Tivoli Congress Hall

Moderators: Michel Boeckstyns, Torben Bæk Hansen

Hand Surgery at the Frontier. Session of Young Hand surgeons - 2

S51 Free paper session

Friday, 15 June 2018 | 16:30 - 18:30 | Carstensen

Chairs: Luzian Haug, Inga Besmens

A-0384 HaptiVisT – The concept of a haptic and visual assisted training simulator for complex bone drilling in the minimally invasive hand surgery

Johannes Maier ¹, Michaela Huber ², Uwe Katzky ³, Jerome Perret ⁴, Thomas Wittenberg ⁵, Rebecca Wöhl ², Christoph Palm ^{1,6}

¹ Regensburg Medical Image Computing (ReMIC), Ostbayerische Technische Hochschule Regensburg (OTH Regensburg), Germany; ² Department of Trauma Surgery & Emergency Department, University Hospital Regensburg, Germany; ³ szenaris GmbH, Bremen, Germany; ⁴ Haption GmbH, Aachen, Germany; ⁵ Fraunhofer Institute for Integrated Circuits IIS, Erlangen, Germany; ⁶ Regensburg Center of Biomedical Engineering (RCBE), OTH Regensburg and Regensburg University, Germany

5 minutes

A-1122 NT Visual - Developing a 3D Software for Nerve Surgeons

Clemens Gstöttner, Cosima Prahm, Johannes Mayer, Oskar Aszmann
CD Laboratory for Reconstruction of Extremity Function Medical University of Vienna Vienna, Austria
5 minutes

A-0086 Can Microvascular Anastomosis be Improved?

Sze-Ryn Chung¹, Muntasir Mannan Choudhury¹, Sarah Jiayu Too², Duncan Angus McGrouther¹, Andrew Yuan Hui Chin¹
¹ Department of Hand Surgery, Singapore General Hospital; ² Yong Loo Lin School of Medicine, National University Singapore
5 minutes

A-1235 Robot assisted surgery

Philippe Liverneaux
Strasbourg, France
20 minutes

A-1236 Tissue engineering in Hand Surgery

Simon Farnebo
Linköping, Sweden
15 minutes

A-1239 YEHS – Young European Hand surgeons

Inga Besmens
Zurich, Switzerland
20 minutes

Difficult pain problems

S52 Symposium

Friday, 15 June 2018 | 16:30 - 18:00 | Lumbye

Moderators: Jörg Bahm, Igor Golubev

A-1183 Introduction

Jörg Bahm
Belgium
5 minutes

A-1185 Surgical sympathectomy in CRPS treatment

Igor Golubev
Russia
10 minutes

A-1186 Rare conditions: unusual entrapment, torsion, 2 level

Jörg Bahm
Belgium
10 minutes

A-1187 Surgery of neuromas

Pierluigi Tos
Italy
10 minutes

A-1188 Applications of new technologies and techniques in the surgical management of chronic postoperative pain

Ivica Ducic
USA
10 minutes

A-1189 Therapy concepts

R. Winkel
Germany
10 minutes

A-1190 Virtual reality and cortical plasticity

Dominique Mouraux
Belgium
10 minutes

Kienböck

S54 Free paper session

Friday, 15 June 2018 | 16:30 - 17:00 | Pjerrot

Chairs: Emmanuel Camus, Per Rasmussen

A-0111 Core excision and tendon ball implantation for the treatment of advanced stage Kienbock's disease

Toru Sunagawa, Rikuo Shinomiya

Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan

5 minutes

A-0884 Long Term Outcomes for Early Stages of Kienböck's Disease treated with Radius Core Decompression

Pablo De Carli, Ezequiel Zaidenberg, Agustin Donndorff, Gerardo Gallucci, Jorge Boretto

Hospital Italiano, Buenos Aires, Argentina

5 minutes

A-0022 Treatment of advanced Kienbock disease (Lichtman IIIB) with a shortening osteotomy of the radius – 17 cases.

Jose Botelho¹, Silvia Silverio²

¹ Hospital dos Lusíadas, Lisbon, Portugal; ² Hospital de Sant'Ana, Parede, Portugal

5 minutes

A-0348 Clinical and MRI evaluation of Kienböck's Disease treated by « Camembert » radial osteotomy. Follow-up min 5 years.

Emmanuel J Camus^{1,3}, Luc Van Overstraeten^{2,3}

¹ SELARL Chirurgie de la main, Lesquin, France; ² HFSU, Tournai, Belgium; ³ ULB, Bruxelles, Belgium

5 minutes

Elbow, Rheumatoid and Degenerative Arthritis

S56 Free paper session

Friday, 15 June 2018 | 16:30 - 18:40 | Vandsalen

Chairs: Rupert Eckersley, Claus Hjorth Jensen

A-0192 Outcomes of radial head fractures in patients under 50 years old: what is better - open reduction internal fixation or arthroplasty?

Sanmeet Singh, Xuyang Song, Alexandria L. Case, W. Andrew Eglseder, Raymond A. Pensy, Joshua M. Abzug

University of Maryland School of Medicine, Baltimore, Maryland, USA

5 minutes

A-0839 Open reduction and internal fixation for Mason type III radial head fractures: is it different from that for Mason type II fractures?

Seung-Han Shin, Young-Hoon Kang, Yong-Suk Lee, Yang-Guk Chung

Seoul St. Mary's Hospital, The Catholic University of Korea, Seoul, South Korea

5 minutes

A-0558 double plating technique to treat proximal ulnar comminuted fractures : retrospective multicentric study

Gauthier Menu, Camille Echalié, Agathe Alverne, Severin Rochet, Julien Boudard, Daniel Lepage, Gregoire Leclerc, Pauline Sergent, Francois Loisel

Orthopedic, Traumatology and Hand surgery Unit, University Hospital CHRU Besancon, France; Research Unit : Nano Medicine, Medical School, University of Bourgogne, Franche Comte, France

5 minutes

A-0577 Patterns of radial notch fracture in elbow fracture dislocations with proximal ulna comminution

Natsumi Saka¹, Hirotsada Matsui², Hideki Tsuji², Yoshiaki Kurata², Hideaki Miyamoto¹, Gen Sasaki¹, Taketo Kurozumi¹

¹ Department of Orthopaedics, Teikyo University, Japan; ² Orthopaedic Trauma Center, Sapporo Tokusuyukai Hospital, Japan

5 minutes

A-0795 Complications After Elbow Terrible Triad Surgical Treatment

Juan María Pardo García, Verónica Jimenez Díaz, Lorena Garcia Lamas, Miguel Porrás, David Cecilia

Hospital Universitario Doce de Octubre Madrid, Spain

5 minutes

A-0819 Terrible triad injury of the elbow: interobserver and intraobserver reliability of computed tomography versus plain radiography in the preoperative planning.

Isabella Fassola, Kay Krüger, Benedict Kunz, Jens Hahnhaufen, Wolfgang Ertel, Senat Krasnici

Department of Orthopedic, Trauma and Reconstructive Surgery, Charité-Universitätsmedizin Berlin, Campus Benjamin Franklin, Berlin, Germany
5 minutes

A-0204 Extensor pollicis brevis insertion pattern as a possible cause of boutonnière deformity in the rheumatoid thumb

Shunji Okita¹, Keiichiro Nishida¹, Taichi Saito¹, Yasunori Shimamura¹, Aiji Ohtsuka², Toshifumi Ozaki¹

¹ Department of Orthopedic Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan;

² Department of Human Morphology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

5 minutes

A-1089 Extensor tendon repair and prophylactic extensor retinaculum release for extensor tendon ruptures in rheumatoid wrists

Seung-Han Shin, Yong-Suk Lee, Yang-Guk Chung

Seoul St. Mary's Hospital, The Catholic University of Korea, Seoul, Republic of Korea

5 minutes

A-0210 Surgical treatment of mucous cysts by subcutaneous excision and osteophyte resection: Results in 68 cases at a mean 6.63 years' follow-up

Steven Roulet, Bertille Charruau, Charles Agout, Guillaume Bacle, Emilie Marteau, Jacky Laulan

Hand Surgery Unit, Department of Orthopedic Surgery 1, Trousseau University Hospital, Medical University François Rabelais of Tours, Tours, France

5 minutes

A-1054 DIP Joint arthrodesis with headless cannulated screw: review of 24 cases.

Davide Smarrelli

Humanitas-Gavazzeni, Bergamo, Italy

5 minutes

A-1071 Evaluation of finger proximal inter-phalangeal joint fusion using mini Herbert screws.

Muhammad A Quolqula

Tanta University, Department of Orthopaedics, Tanta, Egypt

5 minutes

A-1052 Distal scaphoidectomy & radio-scapho-lunate arthrodesis using multiple Herbert screws as a motion preserving procedure in radiocarpal arthritis.

Muhammad A Quolqula

Tanta University, Department of Orthopaedics, Tanta, Egypt.

5 minutes

A-0292 Total wrist arthrodesis with a locked, low profile fusion plate without carpometacarpal joint fixation – A bicenter trial

S. V. Koehler¹, K. Koch², F. Neubrech¹, A. Arsalan-Werner¹, H. Krimmer², M. Sauerbier¹

¹ Berufsgenossenschaftliche Unfallklinik Frankfurt am Main, Germany; ² Zentrum für Handchirurgie Ravensburg im Ärztehaus am Krankenhaus St. Elisabeth, Germany

5 minutes

A-1070 Total Wrist Fusion and Total Wrist Arthroplasty in Patients with End-stage Osteoarthritis: A Qualitative Analysis of Expectations, Involvement and Appraisal of Results

Sara Larsson, Ingela Carlsson, Hans-Eric Rosberg, Anders Björkman, Elisabeth Brogren

Department of Hand Surgery, Skåne University Hospital, Malmö, Sweden and Department of Translational Medicine, Malmö, Lund University

5 minutes

A-0546 Anatomical Study of the Anconeus Muscle

Verónica Jimenez-Díaz, Lorena García-Lamas, Miguel Angel Porras-Moreno, David Cecilia-López

12 de Octubre University Hospital, Madrid, Spain

5 minutes

How I Do It: Technical Tips And Tricks

S55

[ESPRAS guest session at FESSH](#)

Friday, 15 June 2018 | 17:00 - 18:30 | Pjerrot

[Moderators: Aurelio Portincasa, Frederik Verstreken](#)

A-1264 Tips and tricks in scaphoid non-union

Catherine Bossutt

Ireland

15 minutes

A-1265 Biological tubulization for small nerve defects: when and how

Pierluigi Tos
Italy
15 minutes

A-1266 Tips and tricks in flexor tendons repair

Patricia Eadie
Ireland
15 minutes

A-1267 Lipofilling: How I do it and tips & tricks

Filip Stillaert
Belgium
15 minutes

A-1268 Tips and tricks of arthroscopic midcarpal fusion

Maurizio Calcagni
Switzerland
15 minutes

A-1317 Radial polydactyly: primary surgery

Brid Crowley
UK
15 minutes

CMC1 Arthritis

S50 Free paper session

Friday, 15 June 2018 | 17:30 - 18:30 | Tivoli Congress Hall

Chairs: Jean Goubau, Michael Lindegaard Scavenius

A-0060 Outcomes of the Ivory arthroplasty for trapeziometacarpal joint osteoarthritis with a minimum of 10 years follow-up: a prospective single-centre cohort study

Gino Vissers¹, Bart Berghs¹, Bert Vanmierlo¹, Francis Bonte¹, Chul Ki Goorens², Jean Goubau^{1,2}
¹ AZ Sint-Jan Hospital, Bruges, Belgium; ² Vrije Universiteit Brussel, Brussels, Belgium
5 minutes

A-0556 Dual mobility trapeziometacarpal prosthesis for active people

Thomas Aparad, Yann-Erwann Favennec, Gilles Candelier
Center of Hand Surgery, Private Hospital Saint Martin, Caen, France
5 minutes

A-0171 Functional and radiographical results of the ISIS CMC prosthesis. A prospective study

Francisco Cuadrado Abajo, Manuel Rubén Sánchez Crespo, Fernando Javier del Canto Álvarez, María de los Angeles de la Red Gallego, Higinio Ayala Gutiérrez, Olga María Vélez García, José Couceiro Otero, Vanesa Martínez Cortavirtate
Marqués de Valdecilla University Hospital, Santander, Spain
5 minutes

A-0553 Mechanisms of failure in base of thumb implant arthroplasty: A Systematic Review

David J Hunter-Smith, Dasun Ganhewa, Rui Wu, Michael P Chae, Vicky Tobin, Warren M Rozen
1. Department of Plastic and Reconstructive Surgery, Frankston Hospital, Peninsula Health, 2 Hastings Road, Frankston Victoria 3199 Australia. 2. Monash University Plastic and Reconstructive Surgery Group (Peninsula Clinical School), Peninsula Health, 2 Hastings Road, Frankston, Victoria 3199 Australia
5 minutes

A-0070 Thumb basal Joint Osteoarthritis: Reconstruction and Tendon Interposition Versus Hematoma Distraction Arthroplasty. A Prospective Randomized Controlled Trial.

A. Toro-Aguilera¹, P. Martínez-Galarza¹, C. Heras-Palou²
¹ Hand and wrist unit, Fundació Sanitària Mollet, Barcelona, Spain; ² Pulvertaft Hand Centre, Royal Derby Hospital, Derby, UK
5 minutes

A-0564 Joint arthroplasty with osteochondral grafting from the knee for posttraumatic or degenerative hand joint disorders.

Narihito Kodama, Yoshinori Takemura, Kosei Ando, Shinji Imai
Shiga University of Medical Science, Shiga, Japan
5 minutes

A-0044 Accuracy of the assessment of the stage of osteoarthritis CMC I joint - X-ray vs. arthroscopy -

Holger Erne, Michael Cerny, Denis Ehrl, Anna Bauer, Steffen Löw, Hans-Günther Machens, Daniel Schmauss
Department for Plastic and Hand Surgery, Technical University Munich, Munich, Germany
5 minutes

Peripheral Nerves

S53 Free paper session

Friday, 15 June 2018 | 18:00 - 18:30 | Lumbye

Chairs: David Warwick, Anders Kjørup

A-0358 New Open and Arthroscopic-Assisted Approaches of the Axillary Nerve

Andres A. Maldonado, Bassem T. Elhassan, Allen T. Bishop, Alex Y. Shin, Robert J. Spinner

¹ Department of Plastic, Hand and Reconstructive Surgery, BG Unfallklinik Frankfurt, Germany; ² Department of Neurosurgery, Mayo Clinic, Rochester (MN), USA

5 minutes

A-0596 Clinical and neurophysiological results two years after transfer of the interosseous anterior nerve (AIN) to the deep motor branch of the Ulnar nerve (DBUN)

Rasmus Thorkildsen ¹, Frode Thu ¹, Lars-Eldar Myrseth ¹, Ellen Jørum ², Inge Petter Kleggetveit ², Lise Maurstad ³, Bjørg Bolstad ³, Magne Røkkum ^{1,4}

¹ Upper Extremity and Microsurgical Unit, Department of Orthopaedics, Oslo University Hospital, Oslo, Norway; ² Neurological Department, Oslo University Hospital, Oslo, Norway; ³ Department for Clinical Service Orthopaedics, Oslo University Hospital, Oslo, Norway; ⁴ University of Oslo, Oslo, Norway

5 minutes

A-0185 Do surgeons agree on what constitutes tension at nerve repair sites?

Joshua M. Abzug ¹, Fraser J. Leversedge ², John S. Taras ³, Peter Tang ⁴, Harry A. Hoyen ⁵, Peter J. Evans ⁵, Scott H. Kozin ⁶

¹ University of Maryland School of Medicine, Baltimore, Maryland, USA; ² Duke Health, Durham, North Carolina, USA; ³ Drexel University, Philadelphia, Pennsylvania, USA; ⁴ Allegheny Orthopedic Associates, Pittsburgh, Pennsylvania, USA; ⁵ Case Western Reserve University, Cleveland, Ohio, USA; ⁶ Shriners' Hospital for Children, Philadelphia, Pennsylvania, USA

5 minutes

Saturday, 16 June 2018

Distal radius fractures

S57

Saturday, 16 June 2018 | 08:00 - 09:15 | Tivoli Congress Hall

Chairs: [Francisco Del Pinal](#), [Jan-Ragnar Haugstvedt](#)

A-1241 Welcome address

Gustavo Mantovani

Brazil

5 minutes

A-1242 Arthroscopic reduction in simple intraarticular fractures

Rene Jorquera

Chile

6 minutes

A-1243 Arthroscopic reduction in complicated intraarticular fractures

Francisco Del Piñal

Spain

6 minutes

A-1244 Distal Radius Fractures and ligament lesionsI

Toshiyasu Nakamura

Japan

6 minutes

A-1245 TFCC lesions in acute Distal Radius Fractures

Johan H. Scheer

Sweden

6 minutes

A-1246 Late diagnosed TFCC lesions: treatment options

Andrea Atzei

Italy

6 minutes

A-1247 Arthroscopic release of the stiff wrist Dia

Riccardo Luchetti

Italy

6 minutes

A-1248 Diagnosis and management of UT split tears: Does it happen and can it be treated

Steven Moran

USA

6 minutes

Distal Radius Fractures

S58 Free paper session

Saturday, 16 June 2018 | 08:00 - 09:00 | Carstensen

Chairs: [Henk Coert](#), [Alex Herup](#)

A-0943 Do patients with an inferior subjective result 12 months after a distal radius fracture improve over time? A long-term 2–12-year register follow-up

Marcus Landgren¹, Vendela Teurneau¹, Antonio Abramo², Mats Geijer^{3,4}, Magnus Tägil^{1,2}

¹ Department of Orthopedics, Clinical Sciences, Lund University and Skåne University Hospital, Lund, Sweden; ² Department of Hand Surgery Malmö, Skåne University Hospital, Malmö, Sweden; ³ Department of Radiology, Faculty of Medicine and Health, Örebro University, Örebro, Sweden; ⁴ Department of Clinical Sciences, Lund University, Lund, Sweden

5 minutes

A-0152 Long-term outcome after distal radial fractures in Octogenarians

E.A.K. van Delft¹, F.A. van Brussel², C.J.L. Molenaar³, K.J. van Stralen³, N.W.L. Schep⁴, J. Vermeulen³

¹ VU Medical Center, Amsterdam, The Netherlands; ² AMC, Amsterdam, The Netherlands; ³ Spaarne Gasthuis, Haarlem, The Netherlands; ⁴ Maasstad Ziekenhuis, Rotterdam, The Netherlands;

5 minutes

A-0307 Evaluation of sarcopenia in patients with distal radius fractures

Young Hak Roh¹, Seok Woo Hong¹, Hyun Sik Gong², Goo Hyun Baek²

¹ Department of Orthopaedic Surgery, Ewha Womans University Medical Center, Ewha Womans University College of Medicine, Seoul, South Korea; ² Department of Orthopaedic Surgery, Seoul National University College of Medicine, Seoul, South Korea

5 minutes

A-0266 The effectiveness of intraoperative 3D fluoroscopy in the treatment of intra-articular distal radius fractures: a randomized controlled trial

C.A. Selles¹, R.J.O. de Muinck Keizer¹, M.S.H. Beerekamp¹, P.A. Leenhouts¹, M. Maas², J.C. Goslings¹, N.W.L. Schep³

¹ Trauma Unit, Department of Surgery, Academic Medical Center, University of Amsterdam, The Netherlands; ² Department of Radiology, Academic Medical Center, University of Amsterdam, The Netherlands; ³ Department of Trauma and Hand Surgery, Maasstad Hospital, Rotterdam, The Netherlands

5 minutes

A-0508 Defining displacement thresholds for surgical intervention for distal radius fractures – a Delphi study

Nick Johnson, Paul Leighton, Charles Pailthorpe, Distal Radius Fracture Study Group, Joseph J Dias

University Hospitals of Leicester, UK

5 minutes

A-1021 Outcomes of distal radius fractures associated with triangular fibrocartilage complex injury

Katerina Kasapinova, Viktor Kamiloski

University Surgery Clinic "St.Naum Ohridski", Department of Traumatology, Skopje, Republic of Macedonia

5 minutes

A-1031 Three-Dimensional versus Two-Dimensional Preoperative Planning of Corrective Osteotomy for Extra-Articular Distal Radius Malunion: a Multicenter Randomized Controlled Trial

Geert A. Buijze^{1,2}, Natalie L. Leong³, Filip Stockmans^{4,5}, Peter Axelsson⁶, Rodrigo Moreno⁷, Allan Ibsen Sørensen⁸, Jesse B. Jupiter²

¹ Academic Medical Center, Department of Orthopaedic Surgery, Amsterdam, The Netherlands; ² Massachusetts General Hospital, Department of Orthopaedic Surgery, Boston, USA; ³ Rush University Medical Center, Department of Orthopedic Surgery, Chicago, USA; ⁴ AZ Groeninge, Handgroep Groeninge, President Kennedylaan, Kortrijk, Belgium; ⁵ KULeuven Campus Kortrijk, Kortrijk, Belgium; ⁶ Department of Hand Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden; ⁷ Christine M Kleinert Institute for Hand and Microsurgery, Louisville, USA; ⁸ Department of Hand Surgery, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg Sweden

5 minutes

A-0533 Influence of distal radius fracture internal fixation on social and psychological patients well-being in late post-operative period

Maksim E. Sautin¹, Bella Gazimieva², Igor Golubev³

¹ European Clinic of Sports Traumatology and Orthopaedics (ECSTO), Moscow, Russia; ² Sechenov First Moscow State Medical University (FMSMU), Moscow, Russia; ³ N.N. Priorov National Medical Research Center of Traumatology and Orthopaedics (CITO), Moscow, Russia

5 minutes

Congenital and Paediatric Conditions

S60 Free paper session

Saturday, 16 June 2018 | 08:00 - 10:00 | Lumbye

Chairs: Wiebke Hülsemann, Tine Weis

A-0080 Establishment of normal ranges of upper extremity length, circumference, and rate of growth in the pediatric population

Tyler Edmond, Alexandra Laps, Joshua M Abzug

University of Maryland School of Medicine, Baltimore, USA

5 minutes

A-0263 Parenting stress in mothers of children with congenital hand or foot differences and its effect on the surgical decision-making for their children

Jihyeung Kim, Young Ho Lee, Kee Jeong Bae, Hyun Sik Gong, Goo Hyun Baek

Department of Orthopedic Surgery, Seoul National University, College of Medicine, Seoul, South Korea

5 minutes

A-0871 Characteristics of Trigger Finger in Children

Wiebke Hülsemann¹, Max Mann¹, Karl-Heinz Kalb²

¹ Children's Hospital Wilhelmstift, Hand surgery, Hamburg, Germany; ² Rhön-Klinikum AG, Handchirurgie, Bad Neustadt/Saale, Germany

5 minutes

A-0834 Congenital Trigger Digits: Results of Surgical Treatment

Nikos Rigopoulos, Ioannis Antoniou, Stratis Athanaselis, Zoe Dailiana, Konstantinos Malizos, Sokratis Varitimidis.

Department of Orthopaedic Surgery, University of Thessalia, Larissa, Greece

5 minutes

A-0049 Principles of surgical treatment of wrist contractures in children with Arthrogryposis

Olga Agranovich; Evgeniia Kochenova

The Turner Scientific Research Institute for Children's Orthopedics, Saint-Petersburg, Russia

5 minutes

A-0087 Management of severe radial club hand by soft tissue distraction prior to centralization using JESS Fixator

Shringari Mahadevaiah Venugopal, Bhaskaranand Kumar

B.I.R.R.D. (T) Hospital, T.T.D., Tirupati, Andhra Pradesh, India

5 minutes

A-0663 Atypical cleft hand: surgical technique for grasping improvement

Edgard N Franca Bisneto, Emygdio J Leomil de Paula, Rames Mattar Jr, Laura Lorimier

Institute of Orthopaedics and Traumatology University of Sao Paulo, Sao Paulo, Brazil

5 minutes

A-0369 Pollicization in Mirror Hand

Mohammed Tahir Ansari, Swapnil Singh

All India Institute of Medical Sciences, New Delhi, India

5 minutes

A-0311 Reconstruction of hypoplastic thumb using hemi-metatarsal composite tissue transfer

Bin Wang, Shengbo Zhou, Wenhai Sun

Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiaotong University School of Medicine, China

5 minutes

A-0312 A novel opening wedge osteotomy to correct delta phalanx deformity in clinodactyly

Bin Wang, Hailei Mao, Wenhai Sun, Gang Han

Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiaotong University School of Medicine, China

5 minutes

A-0921 Triphalangeal thumb - A diverse phenomenon

Lisa Ng, Emma Reay, Susan Stevenson, Brid Crowley

Department of Plastic and Reconstructive Surgery, Royal Victoria Infirmary, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK

5 minutes

A-0922 An anatomical study of triphalangeal thumb in radial polydactyly

L Ng, S Stevenson, M Alrawi, P Kalu, J Littler, J Ahmad, B Crowley

Department of Plastic and Reconstructive Surgery, Royal Victoria Infirmary, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK

5 minutes

A-0929 An alternative to pollicisation - Foerster's arthrodesis and callus distraction

Martin Franz Langer

University Clinic, Münster, Germany

5 minutes

A-0397 Anatomy and Treatment of Thenar Muscles in Primary Surgery for Radial Polydactyly

HL Stark, J Maraka, S Stevenson, B Crowley

Royal Victoria Infirmary, Newcastle-upon-Tyne, UK

5 minutes

A-0520 Metacarpal corrective osteotomy in patients with Wassel type IV radial polydactyly

Jihyeung Kim, Seong Hwa Hong, Kee Jeong Bae, Hyun Sik Gong, Young Ho Lee, Goo Hyun Baek

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

5 minutes

A-0092 Bilhaut procedure: expanding the indications

Igor Shvedovchenko^{1,2}, Andrej Koltsov¹

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; ² Department of Medical Physics, St. Petersburg State Polytechnical University, St. Petersburg, Russia

5 minutes

Upper Limb Trauma in War and High Velocity Injuries

S61 Symposium

Saturday, 16 June 2018 | 08:00 - 09:00 | Pjerrot

Moderators: Ankur Pandya, Lotte Priess Larsen

A-1194 Upper limb nerve injuries from blast and ballistic trauma

Dominic Power
Birmingham, UK
12 minutes

A-1195 Upper Limb Injuries Associated with 235 Consecutive Bilateral Lower Limb Amputations in War. An Analysis of the Mechanism and Distribution of Upper Limb Injuries

Ankur Pandya
Portsmouth, UK
12 minutes

Brachial Plexus

S63 Free paper session

Saturday, 16 June 2018 | 08:00 - 10:00 | Vandsalen

Chairs: Henk Giele, Rasmus Dehli Thorkildsen

A-1108 A bilateral, transmanubrial surgical approach to the caudal brachial plexus and subclavian vessels: presentation of ten cases and discussion of surgical technique and indications

James D Bedford¹, Vinay N Itte¹, Daniel J Wilks¹, DJA Scott², Simon PJ Kay¹

¹ Department of Hand & Plastic Surgery, Leeds Teaching Hospitals NHS Trust, UK ² Department of Vascular Surgery, Leeds Teaching Hospitals NHS Trust, UK
5 minutes

A-0496 Direct sutures in extended upper obstetric brachial plexus reconstruction

Jörg Bahm, Ann Gkotsi, Wissam Elkazzi, Frederic Schuind
Department of Orthopedics, ULB Erasme University Hospital, Brussels, Belgium
5 minutes

A-0976 Effects of Various Selective Nerve Transfers on the Adult and Neonatal Motor Unit

Matthias E. Sporer, Martin Aman, Konstantin D. Bergmeister, Dieter Depisch, Krisztina Manzano-Szalai, Bruno K. Podesser, Oskar C. Aszmann
CD-Laboratory for Restoration of Extremity Function, Department of Surgery, Medical University of Vienna, Austria
5 minutes

A-0344 Bipolar transfer of the pectoralis major muscle for restoration of elbow flexion in 29 cases

Adeline Cambon-Binder¹, Arnaud Walch², Pierre-Sylvain Marcheix³, Zoubir Belkheyar⁴

¹ Saint-Antoine Hospital, Paris, France; ² Edouard Herriot Hospital, Lyon, France; ³ Dupuytren Hospital, Limoges, France; ⁴ Clinique du Mont Louis, Paris, France
5 minutes

A-0361 Microsurgical Reconstruction after pan-plexus injury: Where is the optimal gracilis distal tendon attachment for elbow flexion?

Andres A. Maldonado, Santiago Romero-Brufau, Robert J. Spinner, Allen T. Bishop, Alex Y. Shin

¹ Department of Plastic, Hand and Reconstructive Surgery, BG Unfallklinik Frankfurt, Germany; ² Department of Neurosurgery, Mayo Clinic, Rochester (MN), USA
5 minutes

A-0341 Comparative, retrospective study of elbow flexion gain in patients with brachial plexus injury who underwent neurotization with part of the ulnar nerve to the biceps muscle or to the free gracilis muscle

Marcelo Rosa de Rezende, Renata Gregório Paulos, Álvaro Baik Cho, Rames Mattar Junior, Teng Hsiang Wei

Hand and Microsurgery of Orthopaedic and Traumatology Institute of University of São Paulo, Brazil
5 minutes

A-0484 Does Cognitive Capacity Interfere with the Outcome of Oberlin Transfer?

Fernando AS Azevedo Filho, William Z Santos, Thomaz G Oliveira, Yussef A Abdouni, Antonio C Costa, Patrícia MMB Fucs
Santa Casa de São Paulo, São Paulo, Brazil

5 minutes

A-1106 The Free Vascularized Pedicled Nerve Functioning Muscle Transfer: a Novel Concept for Brachial Plexus Reconstruction

Henk P Giele

Department of Plastic & Reconstructive Surgery, Oxford University Hospitals NHS Trust, United Kingdom

5 minutes

A-0511 Comparison Between Donor Nerves to Motorize the Free Gracilis Muscle Transfer for Elbow Flexion. Retrospective study of 55 consecutive cases in Traumatic Adult Brachial Plexus Injuries

Raquel Bernardeli Iamaguchi, Alvaro Baik Cho, Gustavo Bersani Silva, Marina Justi Pisani, Jairo Alves, Teng Hsiang Wei, Marcelo Rosa de Rezende

Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo, Instituto de Ortopedia e Traumatologia, São Paulo, Brazil

5 minutes

A-0027 Double nerve transfer for the reanimation of axillary nerve palsies.

Thibault Lafosse, Amaury Grandjean, Thibault Gerosa, Malo Lehanneur, Thomas Bihel, Emmanuel Masmajeun

Alps Surgery Institute, Clinique Générale Annecy, France

5 minutes

A-0119 The clinical research of contralateral C7 nerve transfer

Gao Kaiming, Lao Jie, Zhao Xin, Gu Yudong

Huashan Hospital, Department of Hand Surgery

5 minutes

A-0028 Transfer of a fascicle from C7 root to the supra scapular nerve in C5C6 brachial plexus palsies

Thibault Lafosse, Malo Lehanneur, Amaury Grandjean, Thibault Gerosa, Thomas Bihel, Emmanuel Masmajeun.

Alps Surgery Institute, Clinique Générale, Annecy, France

5 minutes

A-1118 Spinal accessory to suprascapular nerve transfer in late cases of obstetrical brachial plexus palsy

Mikhail Novikov, Timur Torno, Andrey Fedorov, Dmitry Druzhinin

Yaroslavl State Children's Hospital, Yaroslavl, Russia

5 minutes

A-0381 Reconstruction of the Spinal Accessory Nerve with Selective Fascicular Nerve Transfer of the Upper Trunk

Johannes A. Mayer¹, Laura A. Hruby¹, Stefan Salminger^{1,2}, Gerd Bodner³, Oskar C. Aszmann^{1,2}

¹ Christian Doppler Laboratory for Restoration of Extremity Function, Medical University of Vienna, Austria; ² Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria; ³ Private Ultrasound Center Vienna (PUC), Austria

5 minutes

A-0499 Radial to Brachioradialis Nerve Transfer, Dose It Improve Elbow Function In Upper Brachialis Plexus Injuries?

Reza Sh. Kamrani^{1,2}

¹ Tehran University of Medical Sciences; ² Joint Reconstruction Research Center of TUMS

5 minutes

A-0691 Nerve transfer for restoring pinch strength in high median nerve injuries

Margarita Kateva¹, Kalin Angelov¹, Nikola Simeonov²

¹ UMHAT "Sofamed" - Department of Orthopedics, Traumatology, Hand Surgery and Reconstructive Surgery, Sofia, Bulgaria; ² SU "St. Kliment Ohridski" - Faculty of Medicine, Sofia, Bulgaria

5 minutes

A-0226 Risk factors and results of operative treatment of persistent brachial plexus injury caused by shoulder dislocation

Olga Gutkowska, Jacek Martynkiewicz, Jerzy Gosk

Clinical Department of Traumatology and Hand Surgery, Wrocław University Hospital, Wrocław, Poland

5 minutes

Lectures 6

S59

Joseph J. Dias

Guillaume Herzberg

Frédéric Schuind

Saturday, 16 June 2018 | 09:00 - 10:00 | Carstensen

Chairs: Frederik Verstreken, Leiv M Hove

A-1133 Report on the SWIFFT Study

Joseph J. Dias

Leicester, UK
15 minutes

A-1134 A new Perspective on Acute Distal Radius Fractures

Guillaume Herzberg
France
15 minutes

A-1135 Non-Operative Modern Treatment of Distal Radius Fractures

Frédéric Schuind
Brussels, Belgium
15 minutes

Finger Tip and Other Reconstructions

S62 Free paper session

Saturday, 16 June 2018 | 09:00 - 10:00 | Pjerrot

Chairs: Esther Vögelin, Jamila Hussein Eriksen

A-0651 Reconstructive surgery of gunshot and explosive wounds of the upper limb

Alexander Sukharev, Fiodorov Konstantin, Yazerski Konstantin, Kheylick Serhey
432 Chief Military Clinical Medical Center, Belarus
5 minutes

A-0104 The double thenar flap for two adjacent fingertip amputations

Ji Sup Kim¹, Hyun Sik Park, Jong-Ick Whang, Ho Jung Kang²

¹ Department of Orthopedic Surgery, International St. Mary's Hospital, Catholic-Kwandong University, Incheon, South Korea; ² Department of Orthopedic Surgery, Yonsei University College of Medicine, Seoul, South Korea
5 minutes

A-0778 Single or Double V-flap over a direct-flow homodigital island flap: an alternative technique for volar fingertip injuries of long fingers

Thomas Jager, João Paulo Mussi
Institut Européen de la Main, France
5 minutes

A-0836 A systematic review of dressing outcomes after fingertip injuries

Eva O'Grady, Ojas Pujji, Jill Webb
Queen Elizabeth Hospital, UK
5 minutes

A-0662 Therapy of fingertip injuries: The semi-occlusive dressing as an alternative option to local skin flaps

Stefan Quadlbauer^{1,2,3}, Christoph Pezzei¹, Josef Jurkowitsch¹, Tina Keuchel¹, Thomas Beer¹, Thomas Hausner^{1,2,3}, Martin Leixnering¹

¹ AUVA Trauma Hospital Lorenz Böhler, European Hand Trauma Center, Vienna, Austria; ² Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, AUVA Research Center, Vienna, Austria; ³ Austrian Cluster for Tissue Regeneration, Austria
5 minutes

A-1030 Non-operative management of fingertip injuries with the IV3000 dressing

Adil Khan, Kaz Nassar, Daniel Jordan, Fiona Hogg, Stuart Waterston
Ninewells Hospital (NHS Tayside), Dundee, UK
5 minutes

A-0545 fingertip reconstruction with occlusive dressing: clinical results and biological analysis of the dressing content's

Isabelle Pluvy, Daniel lepage, Marie Panouillères, Damien Feuvrier, Laurent Obert, Francois Loisel
Orthopedic, Traumatology and Hand Surgery Unit; University Hospital CHRU Besancon, France; Research Unit : Nano Medicine, Medical School - University of Bourgogne, Franche Comte, France
5 minutes

A-0030 Surgical treatment for polydigit amputation: A retrospective analysis of the clinical results

Yasunori Kaneshiro¹, Koichi Yano¹, Kiyohito Takamatsu², Noriaki Hidaka³

¹ Seikeikai Hospital, Sakai, Japan; ² Yodogawa Christian Hospital; ³ Osaka City General Hospital
5 minutes

SL- and LT-Lig Lesions

S71

Saturday, 16 June 2018 | 09:15 - 10:00 | Tivoli Congress Hall

Chairs: Guillaume Herzberg, Eva-Maria Baur

A-1249 Arthroscopic reduction and treatment of perilunate dislocation

Liu Bo

China

6 minutes

A-1250 My treatment for acute SL lig lesions

Nicole Schmelzer-Schmied

Switzerland

6 minutes

A-1251 Arthroscopic assisted reconstruction of SL lig

Pedro Delgado

Spain

6 minutes

A-1252 Arthroscopic assisted reconstruction of LT lig

Jan Ragnar Haugstvedt

Norway

6 minutes

A-1253 Early mobilization and ligament instability

Max Haerle

Germany

6 minutes

Scaphoid fractures

S64

Saturday, 16 June 2018 | 10:30 - 11:00 | Tivoli Congress Hall

Chairs: Martín Fernando Caloia, Peter Jørgsholm

A-1254 Diagnosing scaphoid fractures. The role of arthroscopy

Peter Jørgsholm

Denmark

6 minutes

A-1255 Challenging situations in scaphoid fractures

Jeff Ecker

Australia

6 minutes

A-1256 Pins or Screws? Antegrade or Retrograde?

Greg Bain

Australia

6 minutes

A-1257 Scaphoid non-unions. How I do it.

Martin Caloia

Argentina

6 minutes

Distal Radius Fractures

S65 Free paper session

Saturday, 16 June 2018 | 10:30 - 12:00 | Carstensen

Chairs: Jane Messina, Morten Bo Larsen

A-1083 Management of distal radius and ulnar fractures: ORIF versus External fixation of distal ulna

JC Messina, F Palumbo, V Pedrini, U Dacatra, P Del Bò, S Odella, F Torretta, P Tos
Hand Surgery and Reconstructive Microsurgery Unit, Gaetano Pini Orthopaedic Institute-CTO, Milan, Italy
5 minutes

A-0769 Quantifying the positioning error of 3D printed patient-specific surgical guides for the radius.

G. Caiti¹, J.G.G. Dobbe¹, G.J. Strijkers¹, S.D. Strackee², G.J. Streekstra¹
¹ Department of Biomedical Engineering and Physics, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands; ² Department of Plastic, Reconstructive and Hand Surgery, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
5 minutes

A-1038 Injuries of the Soft Tissues in Intra-articular Distal Radius Fractures. Arthroscopic Assessment and Correlation with Various Fracture Classes.

Steven Roulet^{1,2}, Ludovic Ardouin¹, Marc Leroy¹
¹ Clinique Jeanne-d'Arc, Hand Institute Nantes Atlantique, Nantes, France; ² Medical University François Rabelais of Tours, Tours, France
5 minutes

A-0094 Volar lunate facet - secondary dislocation after distal radius plate fixation: correction options, salvage procedures

Christoph Pezzei, Stefan Quadlbauer, Martin Leixnering
AUVA, Lorenz Böhler Trauma Center, Vienna
5 minutes

A-0420 Limitations of fixation with single volar locking plates in marginal fractures of the distal radius

Hidemasa Yoneda, Shigeru Kurimoto, Katsuyuki Iwatsuki, Michiro Yamamoto, Masahiro Tatebe, Hitoshi Hirata
Department of Hand Surgery, Nagoya University, Nagoya, Japan
5 minutes

A-0468 Immediate Rehabilitation after distal radius fractures stabilized by volar locking plate – a prospective randomized trial

Stefan Quadlbauer^{1,2,3}, Christoph Pezzei¹, Josef Jurkowitsch¹, Tina Keuchel¹, Thomas Beer¹, Thomas Hausner^{1,2,3}, Martin Leixnering¹
¹ AUVA Trauma Hospital Lorenz Böhler - European Hand Trauma Center, Vienna, Austria; ² Ludwig Boltzmann Institute for Experimental und Clinical Traumatology, AUVA Research Center, Vienna, Austria; ³ Austrian Cluster for Tissue Regeneration, Austria
5 minutes

A-0089 A systematic review of volar locking plate removal after distal radius fracture

Michiro Yamamoto, Yuki Fujihara, Nasa Fujihara, Hitoshi Hirata
Nagoya University, Nagoya, Japan
5 minutes

A-0036 Predictive factors for flexor pollicis longus crepitus after volar locking plate fixation for intra-articular fractures of the distal radius: a retrospective comparative study.

Wakasugi Takuma^{1,2}, Saito Kenta^{1,2}, Takeda Hideyuki², Suzuki Hidetsugu³, Saito Asami²
¹ Department of Hand Surgery, Konan Hospital, Ibaraki, Japan; ² Department of Orthopedic Surgery, Konan Hospital, Ibaraki, Japan; ³ Department of Orthopedic Surgery, Tsuchiura Kyodo General Hospital, Ibaraki Japan
5 minutes

A-0122 Volar plate fixation versus plaster in displaced extra-articular distal radius fractures: a multicentre randomised controlled trial

Marjolein Mulders¹, Monique Walenkamp¹, Susan van Dieren¹, Peter Leenhouts¹, Jasper Winkelhagen², Bas Twigt³, Egbert Jan Verleisdonk⁴, Percy van Eerten⁵, Jan Bernard Sintenie⁶, Carel Goslings¹, Niels Schep⁷
¹ Academic Medical Center, Amsterdam, The Netherlands; ² Westfriesgasthuis, Hoorn, The Netherlands; ³ BovenIJ Hospital, Amsterdam, The Netherlands; ⁴ Diakonessenhuis, Utrecht, The Netherlands; ⁵ Maxima Medical Center, Veldhoven, The Netherlands; ⁶ Elkerliek Hospital, Helmond, The Netherlands; ⁷ Maasstad Hospital, Rotterdam, The Netherlands
5 minutes

A-0413 Distal radius non union - a challenging problem

Kebrle Radek¹, Alena Schmoranzova¹, Vodicka Zdenek²
¹ UPCHR Vysoke nad Jizerou, Czech Republic; ² Ortopedicke oddeleni, Nemocnice Ceske Budejovice, Czech Republic
5 minutes

Lecture 7

S66

Luc De Smet

Saturday, 16 June 2018 | 10:30 - 10:50 | Lumbye

Chairs: Brid Crowley, Pernille Leicht

A-1136 Personal Experience with Index Pollicization

Luc De Smet
Belgium
15 minutes

Skin Reconstruction

S68 Free paper session

Saturday, 16 June 2018 | 10:30 - 11:00 | Pjerrot

Chairs: Thomas Giesen, Galal Hassani

A-0435 Retrograde free venous flap for the reconstruction of the hand: report on 16 large flaps for the dorsum of the hand

Thomas Giesen, David Jann, Olga Politikou, Pietro Giovanoli, Maurizio Calcagni
Division of Plastic Surgery and Hand Surgery, University Hospital Zurich, Zurich, Switzerland
5 minutes

A-0791 Multiple intermetacarpal perforators flap for dorsal long fingers reconstruction: an anatomical study and clinical applications

Regina Sonda, Andrea Monticelli, Franco Bassetto, Cesare Tiengo
Clinic of Plastic Surgery, Padova, Italy
5 minutes

A-0165 The use of dermal substitute Matriderm® and autologous skin grafting in the treatment of soft tissue defects with exposed tendon and bone

Jikang Park, Sangwoo Kang, Jungkwon Cha
Chungbuk National University Hospital, Cheongju, South Korea
5 minutes

Nerve and Brachial Plexus

S70 Free paper session

Saturday, 16 June 2018 | 10:30 - 12:00 | Vandsalen

Chairs: Jörg Bahm, Pernilla Vikström

A-0042 Botulinum toxin in treatment of patients with obstetrical brachial plexus palsy sequelae

Nikita Khusainov, Margarita Savina, Evgeniya Kochenova
Turner Scientific Research Institute for Pediatric Orthopedics, Saint-petersburg, Russia
5 minutes

A-0301 Humeral suspension improves flail shoulder conditions in traumatic brachial plexus palsy

Rudolf Rosenauer^{1,2,3}, Hanno Millesi¹, Robert Schmidhammer^{1,3}
¹ Millesi Center, Vienna, Austria; ² Trauma Hospital Lorenz Böhler of the Austrian Workers' Compensation Board (AUVA), Vienna, Austria; ³ Austrian Cluster of Tissue Regeneration and Ludwig Boltzmann Institute for Experimental and Clinical Traumatology at the Research Centre for Traumatology of the Austrian Workers' Compensation Board (AUVA), Vienna, Austria; Vienna Private Clinic, Vienna, Austria
5 minutes

A-0612 Glenohumeral Fusion in adults with sequelae of obstetric brachial plexus palsy: A Report of 8 Cases

Amar Belkacem Djefjel¹, Adeline Cambon-Binder², Zoubir Belkheyar³
¹ Public Hospital Djelfa, Algeria; ² Saint Antoine Hospital Paris, France; ³ Mont Louis Clinic Paris, France
5 minutes

A-0319 Neuroma prevention with NEUROCAP® in a rat sciatic nerve model

Steven L Peterson¹, Harm de Vries², Hilde Geraedts², Michael J Wheatley³
¹ Portland Veterans Affairs Medical Center, Portland, USA; ² Polyganics B.V., Groningen, the Netherlands; ³ Kaiser Permanente, Portland, USA
5 minutes

A-0773 Early sensory re-learning improves sensory outcome even in a long-term perspective: an RCT with 7-years follow-up

Pernilla Vikström, Birgitta Rosén, Ingela Carlsson, Anders Björkman
Department of Hand Surgery, Lund University, Malmö, Sweden
5 minutes

A-1093 Shoulder partial denervation: anatomical study of the feasibility and surgical perspectives

Laurent Bourcheix^{1,2}, Charles Schlur², Patrick Houvet²

¹ École de Chirurgie du Fer à Moulin, Paris, France; ² Institut Français de Chirurgie de la Main, Paris, France

5 minutes

A-0246 Treatment and survival differences across tumor sites in malignant peripheral nerve sheath tumors: a SEER database analysis

Enrico Martin ^{1,2}, Ivo S. Muskens ^{1,2}, Timothy R. Smith ², Marike L.D. Broekman ^{1,2}

¹ University Medical Center Utrecht, The Netherlands; ² Brigham & Women's Hospital, Boston, Massachusetts, USA

5 minutes

A-1079 Interactive Mobile Training App after Nerve Transfer or Amputation of the Upper Extremity

Cosima Prahm, Eric Mörth, Agnes Sturma, Oskar Aszmann

Medical University of Vienna, Austria

5 minutes

A-1077 Global brachial plexopathy: High-level upper limb amputation and prosthetic rehabilitation after surgical improvement of the biotechnological interface

Laura A. Hruby ¹, Agnes Sturma ¹, Johannes Mayer ¹, Stefan Salminger ², Anna Pittermann ³, Oskar C. Aszmann ^{1,2}

¹ Christian Doppler Laboratory for Restoration of Extremity function; ² Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna; ³ Department of Psychology, General Hospital of Vienna

5 minutes

A-1080 Long-term Implant of Intramuscular Sensors and Targeted Muscle Reinnervation for Natural Wireless Control of Prosthetic Arms in Above Elbow Amputees: A Prospective Case Series

Stefan Salminger ^{1,2}, Agnes Sturma ^{2,3}, Christian Hofer ^{2,4}, Melissa Evangelista ⁵, Mike Perrin ⁵, Konstantin D Bergmeister ², Aidan D Roche ^{2,6}, Timothy Hasenoehr ³, Hans Dietl ⁴, Dario Farina ⁷, Oskar C Aszmann ^{1,2}

¹ Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria ² Christian Doppler Laboratory for Restoration of Extremity Function, Medical University of Vienna, Austria ³ Department of Physical Medicine and Rehabilitation, Medical University of Vienna, Austria ⁴ Otto Bock Healthcare Products GmbH, Vienna, Austria ⁵ Alfred Mann Foundation, California, United States ⁶ Department of Plastic Surgery, Southmead Hospital, North Bristol NHS Trust, United Kingdom ⁷ Department of Bioengineering, Imperial College London, London, UK

5 minutes

A-1067 Intraneural Electrodes in Bionic Hand Reconstruction and their Effects on Nerve and Muscle Architecture

Martin Aman ^{1,2}, Matthias E Sporer ^{1,2}, Christopher Festin ¹, Martin Schmoll ³, Hermann Lanmüller ³, Krisztina Manzano-Szalai ¹, Anna Willensdorfer ¹, Roman Ruff ⁴, Klaus P Hoffmann ⁴, Michael F Russold ⁵, Christian Hofer ⁵, Oskar C Aszmann ^{1,6}

¹ CD Laboratory for Extremity Reconstruction, Department of Surgery, Medical University Vienna, Austria; ² Department of Biomedical Research, Medical University Vienna, Austria; ³ Department of Medical Physics and Biomedical Engineering, Medical University Vienna, Austria; ⁴ Fraunhofer Institut, St Ingbert, Germany; ⁵ Otto Bock Healthcare Products GmbH, Vienna, Austria; ⁶ Department of Plastic and Reconstructive Surgery, Department of Surgery, Medical University Vienna, Austria

5 minutes

Congenital/pediatrics

S67 Free paper session

Saturday, 16 June 2018 | 10:50 - 12:00 | Lumbye

Chairs: Brid Crowley, Pernille Leicht

A-0993 Polydactyly: putting together development, evolution and pathologies

Brid Crowley ¹, Rui Diogo ², Victoria Lockwood ³, Lucie Wright ¹, Lisa Ng ¹, Susan Stevenson ¹

¹ Department of Plastic and Reconstructive Surgery, The Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle upon Tyne, UK; ² Department of Anatomy, Howard University Medical School, Washington DC, USA; ³ Center for the Advanced Study of Human Paleobiology, Department of Anthropology, The George Washington University, Washington, DC, USA

5 minutes

A-0656 The Extensor Mechanism in Radial Polydactyly: anatomical findings and anatomical treatment at primary surgery

J Maraka, HL Stark, S Stevenson, B Crowley

Royal Victoria Infirmary, Newcastle-upon-Tyne, UK

5 minutes

A-1104 A palmar bilobed flap for the correction of radial dysplasia

Ciara Deall Roisin Dolan Henk Giele

Oxford University Hospitals NHS Trust, UK

5 minutes

A-0203 Oligodactyly with Thumb

Yo Han Lee, Jihyeung Kim, Hyun Sik Seok, Hyun Sik Gong, Kee Jeong Bae, Goo Hyun Baek

Seoul National University, Seoul, South Korea

5 minutes

A-0999 Poor surgical outcomes in camptodactyly correction using total anterior teno-arthrolysis or osteotomies

Mark Mikhail, Michelle C L Baker, Roisin T Dolan, Henk P Giele

Department of Plastic and Reconstructive Surgery, Oxford University Hospitals NHS Trusts, Oxford, UK

5 minutes

A-0764 Finger and hand injuries in a pediatric emergency department - a 17 month review from a Swiss tertiary hospital

Carsten Surke¹, Michael Künzli², Esther Vögelin¹, Ruth Löllgen²

¹ Department of Plastic and Hand Surgery, Inselspital, University Hospital Bern, University of Bern, Switzerland; ² Paediatric Emergency Department, Inselspital, University Hospital Bern, University of Bern, Switzerland

5 minutes

A-0198 The adequacy of emergency room (ER) and urgent care center (UCC) radiographs for pediatric upper extremity injuries

Eric Marguiles¹, Alexandria L. Case¹, Karan Dua², Nathan O'Hara¹, Joshua M. Abzug¹

¹ University of Maryland School of Medicine, Baltimore, Maryland, USA; ² SUNY Downstate Medical Center, Brooklyn, New York, USA

5 minutes

A-0191 Ossification of the proximal and middle phalangeal condyles: a radiographic aid for phalangeal neck fracture reduction

Karan Dua¹, Nathan O'Hara², Igor Shusterman², Joshua M. Abzug²

¹ SUNY Downstate Medical Center, Brooklyn, New York, USA; ² University of Maryland School of Medicine, Baltimore, Maryland, USA

5 minutes

A-0186 Assessment of differences regarding the management of pediatric supracondylar humerus fractures between hand and pediatric orthopaedic surgeons

Thao Nguyen, Alexandria L. Case, Xiaomao Zhu, Raymond A. Pensey, W. Andrew Eglseder, Joshua M. Abzug

University of Maryland School of Medicine, Baltimore, Maryland, USA

5 minutes

Finger fractures

S72

Saturday, 16 June 2018 | 11:00 - 11:35 | Tivoli Congress Hall

Chairs: Tyson Cobb, PC Ho

A-1258 The role of arthroscopy in small joint fractures

Pak Cheong Ho

Hong Kong

6 minutes

A-1259 CMC joint; Fragment manipulation and reduction. Tips and tricks

Tyson Cobb

USA

6 minutes

A-1260 MP joint fractures. Is there a role for arthroscopy? Tips and tricks

Alejandro Badia

USA

6 minutes

Hand Surgery in Brazil

S69 Symposium

Saturday, 16 June 2018 | 11:00 - 12:00 | Pjerrot

Moderators: Marcelo Rosa de Rezende, Karsten Krøner

A-1196 Brazilian Hand Society. History and Future

Marcelo Rosa de Rezende

Brazil

8 minutes

A-1197 Vascularized Nerve Graft in Brachial Plexus Injury

Mário Yoshihide Kuwae
Brazil
8 minutes

A-1198 Complications Following Fixation of Distal Radius Fracture With a Palmar Locking-Plate

Antonio Carlos da Costa
Brazil
8 minutes

A-1199 The carpal tunnel syndrome clinical research in the Universidade Federal de São Paulo, Brazil

Carlos Henrique Fernandes
Brazil
8 minutes

A-1200 The Stability of Intra-articular Distal Radius Fractures using Volar Locking Plates with Unicortical and Bicortical Screws

Antonio Tufi Neder Filho
Brazil
8 minutes

A-1201 Rigid fixation after vascularized bone graft for scaphoid nonunion

Paulo Henrique Ruschel
Brazil
8 minutes

A-1202 Toe Transfer for Hand Reconstruction

Teng Hsiang Wei
Brazil
8 minutes

EWAS Closing Session

S73

Saturday, 16 June 2018 | 11:35 - 12:00 | Tivoli Congress Hall

Chairs: Gustavo Mantovani, Jan-Ragnar Haugstvedt

A-1261 Presentations by the EWAS Junior Grant winners

Gustavo Mantovani
Brazil
10 minutes

A-1262 Introduction of Whipple Prize winner

Jan Ragnar Haugstvedt
Norway
10 minutes

A-1263 Closing

Gustavo Mantovani
Brazil
5 minutes

E-Poster Session

EPOSTER Free paper session

A-0002 PNEUMANUS, a new device in the treatment of finger contractures

A. F. Klenner¹, K. Klenner²

¹ Clinics St. Barbara, Hamm, Germany ² Mariannen Hospital, Werl, Germany

A-0004 Minimally Invasive Abductorplasty with Endoscopic Carpal Tunnel Release for Severe Carpal Tunnel Syndrome.

Sze-Ryn Chung, Robert Yap Tze-Jin, Andrew Yam Kean Tuck
Department of Hand Surgery, Singapore General Hospital

A-0005 The modified lateral surgical approach of the elbow

Bertille Charruau, Steven Roulet, Jacky Lulan
CHRU, Service de Chirurgie Orthopédique et Traumatologique, Tours, France

A-0013 Osteogenic exostosis of the capitae. Fifth case reported

Isidro Jiménez, Beatriz Romero Pérez, Dimosthenis Kiimotoglou, Juan Sánchez Hernández, Jonathan Caballero, Gustavo Muratore, Alberto Marcos-García, José Medina
Hospital Universitario Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain

A-0015 Perihamate peripisiform and peritrapezium open axial carpal dislocation associated with Morel-Lavallée type cutaneous detachment: Description of a new pattern of crush injury with four years of follow-up.

Isidro Jiménez¹, Martine Dury², José Medina¹
¹ Hospital Universitario Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain; ² Chirurgie de la Main, SOS Main Strasbourg. Rhéna Clinique de Strasbourg, Strasbourg, France

A-0016 Medium-term assessment of the management of Dupuytren's disease by regional selective fasciectomy

Karim Latrach Tlemsani, Tekka Maher, Sabeur Saadi, Hamza Kefi, Yadh Zitoun, Faouzi Abid
University Hospital of Mahdia, Tunisia

A-0025 Management of ulnar nerve entrapment at the elbow with anterior subcutaneous transposition

Karim Latrach Tlemsani, Sabeur Saadi, Khezami Mounira, Rafrafi Abderrazak, Lotfi Nouisri
The Main Training Military Hospital Tunis, Tunisia

A-0026 Denervation for proximal interphalangeal joint osteoarthritis. A simple and effective procedure.

Isidro Jiménez, Alberto Marcos-García, Gustavo Muratore, Jonathan Caballero-Martel, José Medina
Hospital Universitario Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain

A-0063 Long-term outcomes after deltoid muscle flap reconstruction for massive cuff rotators tears

Karim Latrach Tlemsani, Hamza Kefi, Sabeur Saadi, Khalil Amri, Mounira Khezami, Lotfi Nouisri
The Main Training Military Hospital Tunis, Tunisia

A-0354 Management of acute fracture-dislocations of PIP joint: a systematic review

Anca Breahna¹, Anuj Mishra², Jill Arrowsmith³, Tommy Lindau³
¹ Countess of Chester Hospital NHS Foundation Trust, UK; ² University Hospitals of South Manchester, UK; ³ Pulvertaft Hand Centre, Derby, UK

A-0031 Wrist inflammation: A retrospective comparison between septic arthritis and non-septic arthritis

Gavrielle Kang¹, Mabel Leow², Tay Shian Chao²
¹ Tan Tock Seng Hospital, Singapore; ² Singapore General Hospital, Singapore

A-0032 Trigger Thumb After Carpal Tunnel Release

Ronit Wollstein, Duffield Ashmead, Lois Carlson, Haruko Okada, Jonathan Macknin, Steven Vantler Naalt
¹ New York University, NY, USA; ² The Hand Center, CT, USA

A-0355 Danger zones for nerve injuries in percutaneous needle fasciotomy

Luca Lancerotto, Chris Garrard, Dominique Davidson
Edinburgh Hand Unit, Department of Plastic Surgery, NHS Lothian, UK

A-0040 A case of a conservatively treated patient with Dieterich-Mauclair's disease with a follow-up of 8 years.

Yannick Goubau^{1,2}, Bart Berghs¹, Bert Vanmierlo¹, Francis Bonte¹, Chul Ki Goorens³, Jean Goubau^{1,3}
¹ AZ Sint-Jan Brugge, Belgium; ² ASZ Aalst, Belgium; ³ UZ Brussel, Belgium

A-0048 10-year follow-up of delayed nerve transfers following revascularisation of a traumatic 'floating' shoulder: a case report.

Hari Venkatramani¹, Nicholas G Rabey², Praveen Bhardwaj¹, Raja S Sabapathy¹
¹ Ganga Hospital, Coimbatore, India; ² John Radcliffe Hospital, Oxford, UK

A-0050 Case Report: The bifid reversed palmaris longus muscle, an extremely rare cause of median nerve compression in a child

Samuel George^{1,2}, Zahid Hassan^{1,2}
¹ Whiston Hospital, Liverpool, UK; ² Alder Hey Children's Hospital, Liverpool, UK

A-0051 An anomalous accessory flexor digitorum profundus muscle to the ring finger originating from the flexor pollicis longus tendon: A case report

Samuel George^{1,2}, Bismark Adjei¹, Paul McArthur^{1,2}
¹ Whiston Hospital, Liverpool, UK; ² Alder Hey Children's Hospital, Liverpool, UK

A-0052 A retrospective study analysing surgically treated Digital Mucous Cysts (DMC) with comparison of practice between orthopaedic and plastic surgeons

Clara Vella, Samuel George, Zahid Hassan
Whiston Hospital, Liverpool, UK

A-0053 The neurovascular V-Y advancement flap. A novel technique to bridge digital nerve defects up to 1.5 centimetres.

Lucy Homer, Samuel George, Irfan Khan
Whiston Hospital, Liverpool, UK

A-0054 Staged reconstruction of composite defects of the hand dorsum using ALT free flap and free tendon graft

Young Ran Jung, Young Keun Lee, Tae Gyun Kim, Jun Mo Lee
Department of Orthopedic Surgery, Chonbuk National University Hospital, Jeonju, South Korea

A-0055 Antegrade metacarpal intramedullary nailing using K-wire for the treatment of metacarpal fracture

Young Ran Jung, Young Keun Lee, Tae Gyun Kim, Jun Mo Lee
Department of Orthopedic Surgery, Chonbuk National University Hospital, Jeonju, South Korea

A-0056 Dupuytren's disease in an 16 year-old – case report.

Ireneusz Walaszek¹, Elżbieta Gawrych², Justyna Rajewska-Majchrzak², Karolina Rosołowicz¹
¹ Department of General and Hand Surgery Pomeranian Medical University, Szczecin, Poland; ² Department Of Pediatric Surgery and Oncology Pomeranian Medical University, Szczecin, Poland

A-0058 Secondary Prevention of Fragility Fractures Following Distal Radius Fractures by a multidisciplinary clinic

Ronit Wollstein^{1,2}, Yotam Shuali Cohen², Miri Steier³, Nariman Hazan³, Nofar Ben Basat², Raviv Allon²
New York University, Department Of Orthopedic Surgery, USA² Technion Israel Institute of Technology School of Medicine, Israel; ³ Lin Medical Center, Israel

A-0059 Arteriovenous malformations of the upper limb: management of the regional complications: report of 3 severe recurrent cases

Florence Vigouroux Guillet¹, Adeline Cambon Binder², Pierre Sylvain Marcheix³, Zoubir Belkheyr⁴
¹ French military Hospital Desgenettes Lyon; ² Hôpital Saint Antoine Paris; ³ Centre hospitalo universitaire Limoges; ⁴ Clinique de Montlouis Paris

A-0061 Median nerve fibrolipoma. A case report

L Madero de la Fuente, JJ Correa Gámiz, M D Izquierdo Santos, E Peñalver Romero
Hospital Virgen de la Luz, Cuenca, Spain

A-0064 Have We Found the Optimal Screening Tool for Fragility Fractures? A Review and Meta-analysis

Ronit Wollstein^{1,2}, Yahav Levy¹, Raviv Allon¹, Idit Lavi³, Aviv Kramer¹
¹ Technion, Israel Institute of Technology, Haifa Israel; ² New York University, NY NY USA; ³ Department of Community Medicine and Epidemiology, Carmel Medical Center, Israel

A-0065 Congenital cleft forearm complex

Markus Pääkkönen¹, Max Mann², Wiebke Hülsemann²
¹ Turku University Hospital and the University of Turku, Turku, Finland; ² Catholic Children's Hospital Wilhelmstift, Hamburg, Germany

A-0068 Orthosis Treatment in Dupuytren's Disease

Sonja Elisabeth Pelzmann
Institute for Physical Medicine and Rehabilitation, Wilhelminenspital, Vienna, Austria

A-0069 The Zitelli bilobed flap on skin coverage after mucous cyst excision. A consecutive series of 33 cases

Isidro Jiménez¹, Pedro J. Delgado², Ricardo Kaempf de Oliveira³
¹ Hospital Universitario Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain; ² Hospital Universitario HM Montepríncipe, Madrid, Spain; ³ Instituto da Mão, Complexo Hospitalar Santa Casa and Hospital Mãe de Deus, Porto Alegre, Brazil

A-0071 Use of the Roof of the Cubital Tunnel as a Ligamentofascial Sling during Anterior Ulnar Nerve Transposition

Takakazu Hirayama, Masaaki Shindo
Department of Orthopedic Surgery, Shindo Hospital, Asahikawa City, Hokkaido, Japan

A-0073 Reverse Sauvé-Kapandji procedure in the treatment of type III proximal radioulnar synostosis

Isidro Jiménez, Pedro J. Delgado
Hospital Universitario HM Montepríncipe, Madrid, Spain

A-0074 Symmetrical peripheral gangrene after sepsis treatment with inotropes: 2 cases

P. Martínez-Galarza¹, A. Toro-Aguilera¹, V. Arcediano², H. Alfaro³, M. Pascasio⁴, E. Povedano⁵, I. Dot⁶
¹ Hand and wrist unit, Fundació Sanitària Mollet, Barcelona, Spain; ² Vascular Surgery Department, Fundació Sanitària Mollet, Barcelona, Spain; ³ Socio-Sanitary Hospital, Fundació Sanitària Mollet, Barcelona, Spain; ⁴ Physical Therapy Department, Fundació Sanitària Mollet, Barcelona, Spain; ⁵ Occupational Therapist, Hospital Sant Joan de Deu, Barcelona, Spain; ⁶ Intensive Care Unit, Hospital del Mar, Barcelona, Spain

A-0356 How to avoid complications on the distal radioulnar joint following palmar plating of unstable distal radius fractures

Johannes Rois
Trauma Center Vienna Meidling, Austria

A-0077 A pilot study comparing dressings following fingertip injury

Ojas Pujji, Eva O'Grady, Dominic Power, Jill Webb
The Hand Plastic Peripheral Nerve Group, Birmingham, UK

A-0079 The mental health implications of obstetric brachial plexus injuries (OBPI) on parents

Karan Dua ¹, Catherine Miller ², Joshua M Abzug ³

¹ SUNY Downstate Medical Center, Brooklyn, USA; ² University of Maryland Medical Center, Baltimore, USA; ³ University of Maryland School of Medicine, Baltimore, USA

A-0081 Transphyseal humeral separations: What can we learn?

Arun Hariharan ¹, Christine Ho ², Andrea Bauer ³, Charles Mehlman ⁴, Nathan O'Hara ¹, Paul Sponseller ⁵, Joshua M. Abzug ⁶

¹ University of Maryland Orthopaedic Associates, Baltimore, USA; ² Texas Scottish Rite Hospital for Children, Texas City, USA; ³ Boston Children's Hospital, Boston, USA; ⁴ Cincinnati Children's Hospital Medical Center, Cincinnati, USA; ⁵ John's Hopkins Hospital, Baltimore, USA; ⁶ University of Maryland School of Medicine, Baltimore, USA

A-0083 Cost analysis of percutaneous pinning procedure of supracondylar humerus fractures between tertiary care centers and community hospitals

Guiliana Rotunno ¹, Mark Shasti ², Alexandria L Case ¹, Joshua M Abzug ¹

¹ University of Maryland School of Medicine, Baltimore, USA; ² University of Maryland Orthopaedic Associates, Baltimore, USA

A-0084 Assessment of current epidemiology and risk factors surrounding brachial plexus birth palsy

Joshua M Abzug ¹, Charles Mehlman ², Jun Ying ³

¹ University of Maryland School of Medicine, Baltimore, USA; ² Cincinnati Children's Hospital Medical Center, Cincinnati, USA; ³ University of Cincinnati College of Medicine, Cincinnati, USA

A-0184 Pediatric upper extremity emergency room transfers: are they warranted?

Xuyang Song, Alexandria L. Case, Rory Carrol, Joshua M. Abzug

University of Maryland School of Medicine, Baltimore, Maryland, USA

A-0090 Mid-term outcomes of scaphoid nonunion surgery

Karim Latrach Tlemsani, Sabeur Saadi, Khezami Mounira, Rafrafi Abderrazak, Lotfi Nouisri

The Main Training Military Hospital Tunis, Tunisia

A-0091 Pedicled Adipofascial Flap for Anterior Transposition of the Ulnar Nerve: A Single Institution Retrospective Outcomes Report

Steven M. Koehler, Ronnie L. Shammass, Fraser J. Leversedge

Department of Orthopaedic Surgery, Duke University, Durham, NC, USA

A-0093 Anatomical Considerations for Endoscopic Carpal Tunnel Release in Distal Radius Fractures

Amaris Lim, Dawn Chia

Hand and Microsurgery Section, Department of Orthopaedics, Tan Tock Seng Hospital, Singapore

A-0096 Pisotriquetral osteoarthritis with carpal collapse

Marion Mühldorfer-Fodor, Mark Immler, Jörg van Schoonhoven, Karl Prommersberger

Clinic for Hand Surgery, Rhön-Klinikum AG, Bad Neustadt a.d. Saale, Germany

A-0097 Fracture dislocations of the elbow. Talking about Transolecranon type

Gonzalo Luengo Alonso, Leandro Ramos Ramos, Veronica Jimenez Diaz, Miguel Angel Porras Moreno, David Cecilia Lopez, Lorena Garcia Lamas
Hospital 12 de octubre, Madrid, Spain

A-0100 The creation of a Tetraplegia Hand Surgery Service in Cyprus

Constantinos Kritiotis ^{1,2}, Jan Friden ³, Sabrina Koch-Burner ³, Christiana Fakonti ⁴

¹ Manchester Hand Centre, Salford Royal NHS Foundation Trust, Manchester, UK; ² Iasis Private Hospital, Paphos, Cyprus; ³ Swiss Paraplegic Centre, Nottwil, Switzerland; ⁴ Paraplegic Department, Nicosia General Hospital, Nicosia, Cyprus

A-0101 Radial Head Arthroplasty In Different Patterns Of Instability

Ana M. Far-Riera, Carlos Perez-Uribarri, Matias Esteras Serrano, José María Rapariz Gonzalez

Hospital Son Llatzer, Palma De Mallorca, Spain

A-0103 Atraumatic, Isolated Volar Compartment Syndrome of the Forearm in a patient with Multiple Myeloma: a Case report and review

Ebenezer Francis O. Arthur, Rupesh Man Sherchan, Giselle Marie Noelle T. Gabriel

Department of Orthopaedics, Makati Medical Center, Makati City, Philippines

A-0106 Lateral para-olecranon approach for the intra-articular distal humeral fracture

Takuji Iwamoto, Tsuyoshi Amemiya, Taku Suzuki, Satoshi Oki, Noboru Matsumura, Kazuki Sato

Department of Orthopaedic Surgery, Keio University School of Medicine, Tokyo, Japan

A-0112 Scaphoid Fractures and Carpal Instability – Radiographic Measures

Salamah Moamen, Wasrbout Ziv, Luria Shai

Hadassah-Hebrew University Medical Center, Jerusalem, Israel

A-0116 Interobserver reliability of CT scan in the plane of wrist versus in the long axis of the scaphoid in scaphoid fractures

Stefanie Wieschollek, Karl Josef Prommersberger, Rainer Schmitt, Karl Heinz Kalb, Georgios Christopoulos, Roland Geue

Klinik für Handchirurgie, Campus Bad Neustadt, Germany

A-0120 Treatment of distal radius fracture involving the watershed line or fracture starting from distal part of the watershed line with distal ulna hook plate

Jinrok Oh, Myunggi On, Hanbin Jin
Wonju Severance Christian Hospital, Wonju, Republic of Korea

A-0124 Intraobserver and interobserver agreement of Gilula arches in the diagnosis of perilunate dislocations

Antonio García-Jiménez¹, Àlex Grau², Laura Noguera², Santiago Castañeda¹, Bernardo Uran¹, Javier Ochoa¹, Ignacio Proubasta², Ignasi Gich², Judit Martínez²
¹ SSIBE - Hospital de Palamós, Palamós, Spain; ² Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

A-0125 Hematoma Following Fasciectomy for Dupuytren's Disease

Rasmus Wejnold Jørgensen, Lars Solgård, Jens-Christian Vedel, Claus Hjorth Jensen
Hand Clinic, Department of Orthopedics, Herlev-Gentofte University Hospital of Copenhagen, Denmark

A-0127 Seton drainage - a new tool for treatment of cat bites in hand or forearm

Thomas Henne
Kreiskrankenhaus Osterholz-Scharmbeck, Germany

A-0128 Local advancement flap combined with negative pressure wound therapy - a new approach for treatment of a hypertrophic scar

Thomas Henne
Kreiskrankenhaus Osterholz-Scharmbeck, Germany

A-0130 Nail bed loss in the thumb: a rare troublesome problem with an easy solution

Daniele De Spirito
Ospedale Regionale di Lugano, Lugano, Switzerland

A-0133 Reduction of pain from steroid injection for the treatment of trigger finger with subcutaneous single injection digital block: A prospective randomized controlled trial

Arkaphat Kosiyatrakul, Kittinon Songchou, Suriya Luenam
Department of Orthopaedics, Phramongkutklao Hospital and College of Medicine, Bangkok, Thailand

A-0134 Eaton's Plasty for the treatment of the traumatic luxation of the trapezium-metacarpal joint

Ana M. Far-Riera, Carlos Perez-Urbarri, Matías José Esteras Serrano, Isabel María Ruiz Hernández
Hospital Son Llätzer, Palma De Mallorca, Islas Baleares, Spain

A-0136 Delayed repair of disconnected thenar branch of median nerve having transligamentous variation after carpal tunnel release: A case report

Chul-Hyung Lee, Cheol-U Kim, Deuk-Hee Jung
Daejeon Sun Hospital, Daejeon, South Korea

A-0141 Radiological evaluation of the ScaphoLunate InterCarpal Ligamentoplasty for chronic scapholunate dissociation in cadavers

Lionel Athlani, Nicolas Pauchard, Gilles Dautel
Department of Hand Surgery, Plastic and Reconstructive Surgery. Centre Chirurgical Emile Gallé CHU de Nancy, France

A-0142 Preliminary results of the ScaphoLunate InterCarpal Ligamentoplasty for chronic scapholunate dissociation in a prospective study.

Lionel Athlani, Nicolas Pauchard, Gilles Dautel
Department of Hand Surgery, Plastic and Reconstructive Surgery. Centre Chirurgical Emile Gallé CHU de Nancy, France

A-0145 Clinical and radiological outcome of total trapeziectomy with use of the poly-L/D-lactide scaffold – 1 year follow up.

Kjell Van Royen¹, Bart Kestens², Chul-Ki Goorens^{1,2}
¹ Dept. of Orthopaedics and Traumatology, Universitair Ziekenhuis Brussel, Brussels, Belgium; ² Dept. of Orthopaedics and Traumatology, Regionaal Ziekenhuis Tienen, Tienen, Belgium

A-0148 The Results of Ulnar Shortening Osteotomy for Ulnar Impaction Syndrome : A Comparison of diaphyseal and metaphyseal osteotomy

Hirofumi Imai^{1,2}, Masatoshi Takahara¹, Mikirou Kondou¹
¹ Izumi Orthopedics Hospital, Miyagi, Japan; ² Minamisannriku Hospital, Miyagi, Japan

A-0150 Factors influencing recurrence and progression of Dupuytren's disease treated by Collagenase Clostridium Histolyticum

C Simón-Pérez¹, J Alía-Ortega¹, B García-Medrano¹, JI Rodríguez-Mateos², M Brotat-Rodríguez³, H Aguado-Hernandez¹, MÀ Martín-Ferrero¹
¹ Hospital Clínico Universitario de Valladolid, Valladolid, Spain; ² Hospital Universitario Río Hortega Valladolid, Spain; ³ Hospital Río Carrion Palencia, Spain

A-0151 Bilateral Pacinian Corpuscles Neuroma. A rare cause of pain in the hand

Isidro Jiménez, Alberto Marcos-García, Dimosthenis Kiimotoglou, Juan Sánchez-Hernández, Gustavo Muratore, José Medina
Hospital Universitario Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain

A-0154 Preoperative predictors of patient satisfaction after carpal tunnel release

Shin Woo Choi¹, Jae Kwang Kim¹, Young Ho Shin¹, Joo-Yul Bae²

¹ Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea; ² Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung-si, South Korea

A-0156 Reliability and diagnostic accuracy of the distal radioulnar joint ballottement test

Shohei Omokawa ¹, Iida akio ¹, Kenji Kawamura ², Takamasa Shimizu ², Tadanobu Onishi ², Yasuhito Tanaka ²

¹ Department of Hand Surgery, Nara Medical University; ² Department of Orthopedic Surgery, Nara Medical University

A-0157 New pathologic entity of tennis elbow: Lateral elbow impingement syndrome (LEIS)

Osamu Soejima

Department of Orthopaedic Surgery, Fukuoka Sanno Hospital, School of Medicine, International University of Health and Welfare, Japan

A-0158 The outcome of dynamic compression plate comparing with locking plate in osteotomy for Kienbock's disease.

Michio Sano ¹, Tomokazu Sawada ¹, Kazuhiro Hagiwara ¹, Takao Omura ², Ryo Okabayashi ³

¹ Department of Orthopaedic Surgery, Shizuoka City Shizuoka Hospital, Shizuoka, Japan; ² Department of Orthopaedic Surgery, Hamamatsu University School of Medicine, Shizuoka, Japan; ³ Department of Orthopaedic Surgery, JA Enshu Hospital, Shizuoka, Japan

A-0159 The prevalence and characteristics of female cubital tunnel syndrome patients

Takao Omura ¹, Tomokazu Sawada ², Michihito Miyagi ¹, Yukihiro Matsuyama ¹

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A-0223 Capitate-trapezoid fusion as a treatment for capitate-trapezoid joint osteoarthritis

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A-0389 Partial Trapeziectomy And Pyrocarbon Interpositional Arthroplasty For Trapeziometacarpal Joint Osteoarthritis: Analysis Of The Results After A Minimum Of 5 Years

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A-0161 A good solution for the reconstruction of an intractable Morel-Lavallée lesion

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A-0162 Easy and reliable surgical reconstruction of sacral pressure sores: The tip of a fasciocutaneous rotational and parasacral perforator flap

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A-0163 Perforator based propeller flap for lower extremity reconstruction: A good solution for the inexperienced surgeons

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A-0164 Preoperative handheld Doppler and color Doppler ultrasound in the planning of Freestyle local perforator flaps in orthopedic reconstructive surgery

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A-0166 Why not try a direct anatomical reduction of bony mallet finger? (A modified Intrafocal pinning technique)

Jikang Park, Sangwoo Kang, Jungkwon Cha

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A-0168 Wide-awake approach for open carpal and cubital tunnel release surgery, Is it available?

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A-0169 Wide-awake approach for lateral and medial epicondylitis, Is it available?

Jikang Park, Sangwoo Kang, Jungkwon Cha

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A-0170 Fingertip reconstruction using volar advancement flaps: a comparative study of the bipedicle volar advancement flap and oblique triangular flap

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A-0172 The use of modified Kutler method for the treatment of amputation of the fingertip.

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A-0174 The efficiency of tenosynovectomy in A1 pulley release in patients with trigger finger

Hyun Sik Seok, Seok Woo Hong, Jihyeung Kim, Kee Jeong Bae, Hyun Sik Gong, Goo Hyun Baek
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A-0175 Subcutaneous and submuscular transposition due to ulnar nerve entrapment at the elbow – analyses of 43 primary and 44 revision cases

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A-0177 3D Analysis of Osteosyntheses Material Using Semi-automated CT Segmentation: A Case Series of a 4 Corner Fusion Plate

Michaela Huber, Rebecca Woehl, Johannes Maier, Christoph Palm

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A-0179 Examination of flexor tenolysis after flexor tendon repair following early active mobilization.

Koji Moriya, Takae Yoshizu, Nato Tsubokawa, Hiroko Narisawa, Yutaka Maki

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A-0180 Evaluation of osteoporotic features in patients with an olecranon fracture

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A-0183 Radiographic Assessment of TFCC Foveal Tear Using Arthrographic Computed Tomography in Distal Radius Fractures

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A-0187 Variation in documentation of pediatric supracondylar humerus fractures

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A-0188 The use of the semi-sterile technique for closed reduction and percutaneous pinning (CRPP) of upper extremity fractures in pediatric patients

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A-0190 The role of external fixation when treating terrible triad injuries

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A-0196 Variation amongst orthopedic surgeons when diagnosing and treating pediatric phalangeal neck fractures

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A-0197 Variation amongst orthopedic surgeons when treating fifth metacarpal neck fractures in the pediatric population

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A-0199 Variation among pediatric hand surgeons when diagnosing and treating distal radius fractures

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A-0201 A novel combined approach to the 1,2 intercompartmental suprarretinacular artery radial flap may correct scaphoid collapse and prevent non-union.

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A-0207 Impact of the Economic Downturn on the Surgical Volumes of Common Hand Procedures

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A-0208 Surgical treatment of Dupuytren disease by fasciectomy and open-palm technique: results at 7 and 21 years

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A-0209 Surgical treatment of carpal boss by simple resection: Results in 25 cases at a mean of 8 years' follow-up

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A-0211 Peripheral Nerve Regeneration Using a Bio 3D Conduit from Undifferentiated Bone Marrow Stromal Cells

Hirofumi Yurie¹, Ryosuke Ikeguchi¹, Tomoki Aoyama², Akira Ito², Mai Tanaka², Junichi Tajino², Souichi Ohta¹, Hiroki Oda¹, Hisataka Takeuchi¹, Sadaki Mitsuzawa¹, Shizuka Akieda⁴, Koichi Nakayama³, Shuichi Matsuda¹

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A-0214 Bilateral traumatic rupture of ulnar collateral ligament (UCL) of the thumb. Surgical treatment and outcomes.

Konstantinos Tolis, Panagiotis Kanellos, Konstantinos Raptis, Markos Lontos, Maria Ladogianni, Sarantis Spyridonos

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A-0216 Epidemiology of tumors and tumor like lesions of the upper extremity in the Greek population. A 20-Years study from a single National Hand and Upper Extremity surgical department

Konstantinos Tolis, Emmanouil Fandridis, Filippos Giannoulis, Meletios Rozis, Isidoros Dontas, Sarantis Spyridonos

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A-0217 Treating flexor pulley defects with the use of adjacent pulleys. Early results

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A-0218 Lunocapitate arthrodesis as a final treatment for acute lunate fracture-dislocation in an adolescent. Clinical results at 2 years follow up

Konstantinos Tolis, Aiki Kotsilini, Panagiotis Kanellos, Markos Lontos, Sophia Syggouna, Sarantis Spyridonos

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A-0221 Radiological development of osteoarthritic changes in the distal radioulnar joint after ulnar shortening osteotomy for idiopathic ulnar impaction syndrome

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A-0222 Simultaneous Intrinsic Reconstruction with Stiles-Bunnell Tendon Transfer in the Second Toe Transfers

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A-0224 Treatment and clinical results of distal radial fractures nonunion or delayed union

Chun-Jui Weng, Chun-Ying Cheng, Shih-Sheng Chang, Chih-hao Chiu, Alvin Chao-yu Chen, Kuo-Yao Hsu, Yi-Sheng Chan

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A-0225 Ectopic ossification of the elbow after comminuted fractures of the distal humerus

Masao Okamoto

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A-0227 Position of immobilization after first-time traumatic anterior glenohumeral dislocation

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A-0228 Delayed rupture of a previously repaired extensor pollicis brevis tendon following local corticosteroid injection

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A-0232 Preoperative evaluation and surgical planning using three-dimensional MRI-CT fusion images for osteochondritis dissecans of the elbow

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A-0233 Low second to fourth digit ratio in Dupuytren disease.

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A-0234 Ulnar Nerve Length and Instability After Osborne's Modified Simple Decompression in Idiopathic Cubital Tunnel Syndrome

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A-0235 Subtle Elbow Instability Associated with Lateral Epicondylitis

Sang Ho Kwak, Min Uk Do, Seung Jun Lee
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A-0236 Ligament reconstruction suspension arthroplasty using double palmaris longus tendon graft with suture button for advanced thumb trapeziometacarpal joint arthritis: Short-term surgical results

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A-0238 Superior patient satisfaction, resulting from a surgical procedure which is spared Pronator Quadratus detaching: A prospective randomized controlled trial

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A-0242 Kinematic analysis of the hand during opening a yoghurt: Are there gender differences?

Lisa Reissner, Gabriella Fischer, Pietro Giovanoli, Maurizio Calcagni

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A-0243 The role of CT scan in postoperative evaluation of distal radius fractures: Retrospective analysis in regard to complications and revision rates.

Michael Jakubietz, Rafael Jakubietz, Laura Mages, Rainer Meffert

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A-0244 Total Thumb Carpometacarpal Joint Arthroplasty: a Retrospective Functional Study of 35 Moovis® prostheses

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A-0249 Correction of Vitamin D Deficiency is Associated with Better Surgical Outcomes in Women with Carpal Tunnel syndrome

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A-0255 An Innovative Nerve Repair Simulation

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A-0256 Novel surgical technique of TRapezio Metcarpal Joint Stabilisation- TRAMS

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A-0259 Radial Artery Perforator Adiposal Flap for Coverage of the Neurolysed Median Nerve

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A-0260 Comparison of Long-term Outcomes of Radial Osteotomy and Non-operative Treatment in the Treatment of Kienböck's disease: A Systematic Review

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A-0268 Intraoperative stability assessment of the first carpometacarpal joint

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A-0269 Do trapeziometacarpal prostheses provide better metacarpophalangeal stability than trapeziectomy and ligamentoplasty ?

Benjamin Degeorge, Louis Dagneaux, Julien Andrin, Cyril Lazerges, Bertrand Coulet, Michel Chammas

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A-0270 Arthroplasty of the proximal interphalangeal joint with the TACTYS® prosthesis: clinical and radiological results after a minimum follow-up of 12 months.

Benjamin Degeorge, Lionel Athlani, François Dap, Gilles Dautel

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A-0271 Opportunistic primary index finger pollicization pedicled on the first dorsal metacarpal artery in a multidigital replantation - a case report.

Inga Besmens, Mario Scaglioni, Maurizio Calcagni, Thomas Giesen

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A-0272 Reducing the immobilization period after DIP arthroplasty through a new dorsal

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A-0273 Anomalous FDS muscle in the palm

Tamer Ali, Andrew Watts

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A-0276 Study of the traumatic injuries of the hand to the elbow during the period of Carnival celebrations of 2017 in Brazil

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A-0278 Intra-ividual Evaluation of Results Between Open and Endoscopic Release in the Bilateral Carpal Tunnel Syndrome

Carlos Henrique Fernandes, Lia Miyamoto Meirelles, Marcela Fernandes, Luis Renato Nakachima, João Baptista Gomes dos Santos, Flavio Faloppa

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A-0280 The Surgical Technique of 4th+5th Extensor Compartment Artery & Ulnar Artery Dorsal Branch Vascularized Bone Graft for Kienbock's Disease: 3 Case Reports

Ki-tae Na, Sang-uk Lee, Do-yeol Kim, Jong-yoon Lee, Won-woo Kang

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A-0281 Can the proximal phalangeal head remodel after stretching exercise or surgical treatment in patients with camptodactyly?

Seok Woo Hong, Jihyeung Kim, Kee Jeong Bae, Hyun Sik Gong, Goo Hyun Baek

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A-0284 The "skip lesion" of the TFCC tear; which tear is the main cause of ulnar-side wrist pain?

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A-0285 Radiographic prediction of lunate morphology: reliability, reproducibility, and compatibility with MR arthrography

Ji Hun Park, Tae Wook Kang, Seul Gi Kim, Young Woo Kwon, Jong Woong Park

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A-0286 Unusual cause of thumb basal joint pain-Osteoid osteoma of the trapezium

Ji Hun Park, Tae Wook Kang, Young Woo Kwon, In Cheol Choi, Jong Woong Park

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A-0288 The relationship between Thrombin and Osteopontin in Dupuytren's Disease

Kazuya Otake¹, Masaya Tsujii¹, Takahiro Asano¹, Haruhiko Satonaka¹, Akihiro Sudo¹

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A-0289 Non-union of the Trapezium : Rare consequence of a rare injury

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A-0290 Effect of distal phalangeal (DIP) joint fusion on grip force and load distribution of the hand

Angela Reger, Marion Mühldorfer-Fodor, Karl-Josef Prommersberger, Jörg van Schoonhoven

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A-0291 Volar fracture-dislocation of the proximal interphalangeal joint: four cases at an average follow-up of 3 years

Steven Roulet, Bertille Charruau, Emilie Marteau, Guillaume Bacle, Jacky Laulan

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A-0294 90/90 bicortical double loop interosseous wiring in management of transverse and short oblique metacarpal shaft fractures: Patient-reported outcome.

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A-0295 TFCC foveal re-attachment by ulnar tunnel technique

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A-0296 Pathology of Spontaneous Flexor Tendon Rupture

Masahiro Miyashita, Masataka Yasuda, Kenta Minato, Shunpei Hama

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A-0297 Results of Percutaneous Needle Aponeurotomy for Dupuytren's Contracture

Fernando Menvielle, Macarena Layús, Sergio Daroda, Rodeolfo Cosentino, Paul Pereira

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A-0298 Developing a tablet-based application for postoperative rehabilitation of patients with carpal tunnel syndrome

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A-0299 Free posterior interosseous artery perforator flap for fingertip resurfacing

Satoshi Usami, Kohei Inami

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A-0300 Combined Corticosteroid Injection and Splinting in the Treatment of Trigger Finger: A randomized controlled trial

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A-0303 Study on the use of microsurgery by the Hand Surgeon in Brazil

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A-0304 Concomitant Injuries Affect the Prognosis in Patients with a Central Slip Tear

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A-0305 Comparative study on the effectiveness of a corticosteroid injection for carpal tunnel syndrome in patients with and without Raynaud's phenomenon

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A-0306 Effect of metabolic syndrome on the functional outcome of corticosteroid injection for lateral epicondylitis: retrospective matched case-control study

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A-0308 Factors influencing functional outcome of proximal interphalangeal joint collateral ligament injury when treated with buddy strapping and exercise.

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A-0313 The use of "On-Top Plasty" for reconstruction of radial polydactyly

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A-0314 First case report on pyogenic tenosynovitis in the hand caused by Paenibacillus sp

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A-0315 Patient-perceived outcome after conservative treatment of distal radius fracture in elderly patients: Comparison with radiologic outcome in long-term follow-up

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A-0316 Prominent radio-capitellar synovial plica as a potential cause of lateral elbow pain: Implication of physical examination and MRI findings on diagnosis

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A-0317 Experimental study of histological changes in vascular loops according to the duration of the postoperative period: Application in reconstructive microsurgery

Renata Gregorio Paulos, Bruno Alves Rudelli, Renee Zon Filipppe, Gustavo Bispo dos Santos, Ana Abarca Herrera, Andre Araujo Ribeiro, Marcelo Rosa de Rezende, Teng Hsiang Wei, Rames Mattar Jr

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A-0318 Reduction of morbidity with a reverse-flow sural flap: a 2-stage technique

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A-0320 Finger proximal interphalangeal joint gap arthroplasty

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A-0321 Intra-neural fascicular dissection of lipofibromatous hamartoma of the digital branches of the median nerve: report of two cases and review of literature

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A-0324 Transfer of a pronator teres motor branch to achieve finger flexion in tetraplegia: case report

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A-0325 Gigant Cell Tumor of Distal Radius Treated with Ulnar Translocation and Wrist Arthrodesis. A case report

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A-0327 Internal Brace (TM) Augmentation of the Thumb Ulnar Collateral Ligament Repair - A Biomechanical Study

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A-0329 The importance of the right orthosis choice in the swan neck treatment following chronic mallet finger: innovative case report

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A-0335 Outcome of nerve allografts in nerve injuries of the hand – single unit experience

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A-0330 Difference in carpal alignment between scapholunate dissociation and Kienbock disease

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A-0331 Objective Functional Outcomes and Patient Satisfaction After fasciectomy for Dupuytren's contracture

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A-0333 Mid- to Long- Term Clinical Outcomes of Total Joint Arthroplasty Using Costal Osteochondral Autograft for Finger Joint Ankylosis

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A-0337 Heterotopic ossification of the elbow after radial head arthroplasty: comparative study between isolated radial head fractures and associated injuries like coronoid fractures, olecranon fractures or ligamentous injuries.

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A-0339 The Endoscopic Carpal Tunnel Release: Learning Curve and Complications

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A-0343 Intra-patient controlled outcome measures of Zone 1/2 EPL repairs post 4-weeks immobilisation, and cost analysis

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A-0345 Expanded Outcomes from an International Registry Study on Processed Nerve Allografts in Upper Extremity Nerve Repairs

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A-0346 Use of Processed Human Umbilical Cord in Peripheral Nerve Surgery: Clinical Case Series

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A-0349 Case report. Reconversion of a CMC arthrodesis into a prostheses.

Francisco Cuadrado Abajo, Higinio Ayala Gutiérrez, Manuel Rubén Sánchez Crespo, José Couceiro Otero, Olga María Vélez García, María de los Ángeles de la Red Gallego, Fernando Javier del Canto Álvarez, Marta de Prado Tovar, Vanesa Martínez Cortavirtarte
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A-0350 A 10 Year Review of Flexor Tendon Repair at a Single Institute

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A-0351 Characterization of Minimally Processed Placental Umbilical Cord Membranes Developed for use as a Surgical Implant for Peripheral Nerve

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AxoGen, Alachua, USA

A-0352 Possible systemic adverse effects in Clostridium Histolyticum Collagenase (CCH) treatment of Dupuytren contracture

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A-0365 Masson's Tumor of the Hand

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A-0367 Return to Play in High Level Athletes After Thumb Ulnar Collateral Ligament Repair with Suture Tape Augmentation

Daniel Gibbs, Anthony De Giacomo, Steven S Shin
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A-0368 Outcome of modified hemihamate arthroplasty in patients presenting after six weeks of injury

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A-0370 Outcome of pulley reconstruction in patients of de Quervain's tenosynovitis

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A-0371 Can we replace the electrophysiologic study with the ultrasonographic examination in the diagnosis of carpal tunnel syndrome?

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A-0372 Wrist Swelling in Kienböck's Disease

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A-0373 Cortical changes may be responsible for the limited functional recovery in patients with Obstetrical Brachial Plexus Injury

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A-0374 Outcome of scaphoid fractures – Single unit experience

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A-0375 Revision arthroscopic surgery for tennis elbow

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A-0378 Flap selection for soft tissue coverage of the posterior elbow

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A-0379 Prevalence and prognostic value of increased uptake in bone SPECT/CT in asymptomatic wrists

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A-0380 Risk Factor for Postoperative Correction Loss in Patients with Distal Radius Fracture over 50 Years of Age: In Association with Osteoporosis

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A-0382 Prevalence and the influence of trapeziometacarpal arthritis on patients with carpal tunnel syndrome.

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A-0383 Scapholunate instability: an assessment of the stress strain relation and type of failure after capsulodesis.

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A-0385 Surgery for STT-osteoarthritis with STPI - a six year follow up study

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A-0386 Radiocarpal dislocation with volar rim avulsion fracture of lunate facet of the distal radius

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A-0387 Osteomyelitis of the hand: validation of a treatment protocol

Marco Borsetti, Federica Bergamin, Claudia Cerato, Alessandra Clemente, Ezio Gangemi, Silvia Germano

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A-0392 Rescue Technique of Distal Falange of the Thumb Secondary to Acute Osteomyelitis

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A-0393 Current status of bone mineral density examination and osteoporosis treatment in patients with distal radius fractures

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A-0396 Functional Results in Radial Head Fractures: Arthroplasty v/s Cupulectomy. Descriptive study

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A-0398 A Descriptive Study on Radial Club Hand

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A-0400 Long-Term Functional Outcome and Complications in 182 Surgically Managed Proximal and Middle Phalanx Fractures: A Retrospective Cohort Study

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A-0402 Brachioradialis muscle tendon transposition in extensor pollicis longus reconstruction: a new surgical approach

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A-0409 Epidemiology of Major Peripheral Nerve Repair at a Level-1 Trauma Center Over a 15 Year Period

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A-0414 De Quervain's Disease: Simple Release vs. Pulley Reconstruction

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A-0415 All Arthroscopic Foveal Repair of TFCC with Suture Anchor in Young Adult Patients

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A-0419 The Association between Bony Structure and the Distribution of Forces between the Radius and Ulna in Normal Wrists

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A-0421 The Effect of Sequential Sectioning and Reconstruction of the A2 and A4 pulleys on Joint Range of Motion and Tendon Load

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A-0422 Results of arthroscopic loose body excision and abrasion for osteochondritis dissecans of the elbow in fragment detached phase

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A-0423 Reviewing Failures of Thumb Basis Prosthesis with Trapezium Reconstruction and Cmi Interposition

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A-0425 A chronic case of the MP joint locking of the thumb treated with joint distraction using the external fixator

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A-0426 Percutaneous miniinvasive osteotomy in malunited phalangeal finger fractures in children - Needle-osteotomy

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A-0428 Cast immobilization with the wrist of extension for the treatment of distal radius fractures in elderly patients

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A-0432 Hemi-hamate autograft arthroplasty for dorsal dislocation fracture of the proximal interphalangeal joint: The relation between autograft size and post-operative range of motion

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A-0433 Considerations in diagnosing an extra-articular fracture of distal radius by plain radiographs

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A-0436 Predictive factors in splinting therapy for carpal tunnel syndrome

Ryosuke Ikeguchi, Souichi Ohata, Hiroki Oda, Hirofumi Yurie, Hisataka Takeuchi, Sadaki Mitsuzawa, Bungo Otsuki, Shuichi Matsuda

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A-0438 Trapeziometacarpal Arthrodesis t using a quadrangular plate: long-term results of 70 patients

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A-0439 Factors influencing outcome after operated distal radius fracture

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A-0445 Neurotisations in brachial plexus injuries – results of 7 years

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A-0446 Distal radioulnar joint assessment: Responsiveness and validity of forearm torque

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A-0448 Scaphoid fracture treatment through a percutaneous volar approach

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A-0451 The introduction of human adipose derived Mesenchymal Stem Cells to clinically available nerve replacement treatments

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A-0453 Inter and Intra Rater Reliability of “Brachial Plexus Outcome Measurement” in Children with Brachial Plexus Palsy on Turkish Version

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A-0455 Is There Any Relationship Between Range of Motion and Mallet Classification in Children with Obstetric Brachial Plexus

Palsy?

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A-0456 The evaluation of Dupuytren's contracture with the long axis images of ultrasonography for safety of Collagenase Clostridium Histolyticum injection

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A-0458 The Relationship Between Involvement Type and Upper Limb Functions of Children with Obstetric Brachial Plexus Palsy

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A-0460 Surgical treatment for palmar fracture-dislocation of the proximal interphalangeal joint

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A-0462 Treatment of Preiser disease with vascularized bone graft from the distal radius: a report of two cases

Sergio Gama, Samuel Ribak, Marcelo Rezende

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A-0463 Brachial Plexus injuries associated with vascular lesions: primary vs secondary repair

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A-0465 Biomechanical Analysis of Spiral Fracture Pattern in a Human Metacarpal using a Chicken Humerus Model

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A-0470 Treatment of scaphoid nonunion by one, two headless compression screws or plate with or without Extracorporeal Shock Wave Therapy

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A-0473 Nerve conduits for treating peripheral nerve injuries: A systematic literature review

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A-0474 Dorsal Forearm Adipofascial Turnover Flap for Complex Hand Injuries

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A-0475 Fingertip and nail bed injuries: treatment and prognosis

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A-0477 The Main Types of Mistakes in the Treatment of Wrist Pathology and The Principles of Their Prevention

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A-0480 Naviculocapitate syndrome in a polytraumatized patient, percutaneous fixation with cannulated screws

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A-0483 Distraction Osteogenesis for Correction of Distal Radius/ Ulna Deformity After Physeal Arrest .

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A-0485 Outcomes of the treatment of hand degloving injuries with greater omentum flaps

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A-0486 Biomechanical characterization of digital collateral nerves in cadavers

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A-0487 An analysis of patient's and disease related factors predictive of the outcomes of surgery for carpal tunnel syndrome

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A-0488 Factors involving the clinical profile of carpal tunnel syndrome

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A-0489 Pain control in chronic, refractory CRPS by continuous brachial plexus analgesia

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A-0491 Rescue of failure of fibrous interposition arthroplasty with Maia prostheses in CMC arthritis

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A-0500 Treatment of articular fractures of distal humerus with Persian fixation

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A-0501 Denervation of the small joints of the hand - an under-utilised treatment option

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A-0504 Acute finger joints replacement with silastic spacers in compound injuries of the hand

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A-0506 A prospective, multicentre clinical trial to assess safety and efficacy of a synthetic cartilage implant for treatment of Eaton-Littler stage II/III first CMC joint osteoarthritis: Cartiva GRIP Trial

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A-0509 Arterial aneurysms of the hand

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A-0516 Carpal Tunnel Syndrome due to Lipoma - A Case Report

Gyeong Min Kim, Seungjae Shim, Kyu Bum Seo
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A-0517 Does degeneration of triangular fibrocartilage complex improve after ulnar shortening osteotomy?

Jihyeung Kim, Sang Hyun Park, Kee Jeong Bae, Hyun Sik Gong, Young Ho Lee, Goo Hyun Baek
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A-0518 Clinical results of rim plate for marginal fractures of distal radius; whether carpal tunnel release can reduce the risk of carpal tunnel syndrome

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A-0519 Endoscopic Transcarpal Ligament release with Platelet-rich Plasma for Carpal Tunnel Syndrome.

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A-0561 Treatment of incomplete amputation of the forearm and wrist laceration cases with a dorsal ulnar artery flap

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A-0521 The first rib-clavicular costoclavicular space is not always the narrowest: analysis of dynamic 3DCT after brachial plexography in thoracic outlet syndrome of traction type

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A-0522 Surgical treatment of dysplasia epiphysealis hemimelica in the hand. A report of 6 cases.

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A-0523 The use of the Medartis Ulnar Shortening System in our department. Early results, tips, tricks and pitfalls

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A-0524 Treatment for PIP joint flexion contracture in stenosing tendovaginitis using resection of the flexor digitorum superficialis.

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A-0526 Arterio-Venous Loop and Free Functioning Muscle Transfer in Brachial Plexus Injured Patients with Insufficient Donor Arterial Flow (Subclavian artery injury)

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A-0527 Is AMPS a responsive tool for assessing change in ADL-abilities in patients undergoing rehabilitation after finger or hand surgery?

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A-0775 Proximal Row Carpectomy with resurfacing of both lunate fossa and proximal capitate using a femoral osteochondral graft: A case Report

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A-0528 Clinical Outcomes of Operative Repair Of Complete Rupture Of Collateral Ligament at the Proximal Interphalangeal Joint Of Fingers Using An Anchor

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A-0529 Long-term follow-up after vascularized contralateral ulnar nerve transfer to median nerve in total arm type brachial plexus injury: case report

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A-0530 Intraoperative monitoring during peripheral nerve surgery under ultrasound guided selective nerve block anesthesia

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A-0534 Breaking the traditions of large wounds with exposed bare tendons. Do the vacuum assisted dressing narrow down the flap indications and safeguard patients from critical stages?

Sellakkuddy Selvaganesh, Tan Shoun, Shanmugam Bharathi Mohan, Vaikunthan Rajaratnam

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A-0535 Total Elbow Arthroplasty for Ankylosed Elbows in Rheumatoid Arthritis Patients

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A-0536 Management of fingertip injuries with three dimensional controlled healing environment (3DCHE)

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A-0537 Recovery of Motor Function after Mixed and Motor Nerve Repair with Processed Nerve Allograft

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A-0538 Patient-specific implants for corrective osteotomies of malunited distal radii: “gadget” or essential tool?

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A-0540 The Avascular Proximal Pole Nonunion: is there a role for core decompression and biophysical treatment in bone union?

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A-0542 Peculiarities of upper limb's peripheral nerves recovery in patients with Volkmann's ischemic contracture

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A-0543 Intensity-based biplane 2D-3D registration for in-vivo three dimensional forearm rotational analysis

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A-0549 3D forearm osteotomy assisted with preoperative customized template

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A-0550 False scapholunate ligament lesion. What's behind?

Lorena García-Lamas, Verónica Jiménez-Díaz, Miguel Ángel Porrás, David Cecilia-López

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A-0552 Osteotomy and extension block pinning for the malunited mallet finger with DIP joint subluxation: A Case Report

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A-0555 Our experience in radiocarpal fracture-dislocation treatment

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A-0559 Operative treatment of thumb metacarpophalangeal sesamoid lesion

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A-0562 The Outcome of "Cross-coupling Suture Button Suspensionplasty" for Thumb Carpometacarpal Joint Osteoarthritis - A Case Series -

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A-0563 Evaluation of distal radius fractures with correction loss when using a monoaxial locking plate

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A-0565 Postoperative outcome of enchondroma of the hand with pathologic fracture

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A-0566 Clinical Assessment of Extensor Tendon Tear in Patients with Epicondylitis

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A-0567 Quantitative measurement of proximal interphalangeal joint lateral stability using a three-dimensional motion capture system

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A-0568 Comparative study on percutaneous and mini-open CTRs in idiopathic carpal tunnel syndrome

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A-0569 The evaluation of in vivo distance measurement and dorsal screw penetration for volar plating of distal radius fractures.

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A-0571 Clinical outcomes of volar oblique ligament reconstruction in thumb basal joint arthritis

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A-0573 High-pressure injection injuries to the hand

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A-0574 Distally based "fascia only" interosseous posterior flap for soft tissue reconstruction of the hand

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A-0579 The elbow dynamic reconstruction with a latissimus dorsi muscle transfer after wide resection of malignant bone and soft tissue tumors in upper arm

Kosei Ando, Kodama Narihito, Yoshinori Takemura, Kento Kuga, Yoichirou Kuyama, Shinji Imai
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A-0580 Electrophysiological Epidemiology of Carpal Tunnel Syndrome

Tatsuki Ebata, Ikuo Nakai, Akira Kogure, Ken-ichiro Goto
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A-0581 Surgical Treatment of Recalcitrant Scaphoid Nonunions with Vascularized Bone Graft and Locking Plate

Keikichi Kawasaki, Hiroki Nishikawa, Tetsuya Nemoto, Takeshi Sakai, Yutaka Kubota, Shoutarou Kamijou, Katsunori Inagaki
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A-0582 noninvasive assessment for carpal tunnel pressure using ultrasound elastography

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A-0584 Carpal malalignment analysis after distal scaphoid excision and tendon interposition in scapho-trapezio-trapezoid osteoarthritis

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A-0585 From Lunate Type to Ulnar-Sided Wrist Pain

Flavien Mauler, Thuan Ly, Claudia Meuli-Simmen, Itai Pasternak
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A-0587 Tow exceptional indications in the use of Maia prosthesis for tumors of the first metacarpal basis

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A-0588 Contralateral Medial Pectoral Nerve Transfere in Old Total Brachial Plexus Palsy

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A-0590 Our experience in treatment of neglected dislocations and fracture-dislocations of the elbow

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A-0591 Influence of the remoteness of the injury on the results of surgical treatment of patients with fractures of the radial head and their consequences

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A-0592 Concurrent validity of STI²™ - Shape-Texture-Identification - a test for tactile gnosis

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A-0593 Avascular Necrosis after Supracondylar Fractures of the Humerus in Children: Report of 5 cases.

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A-0595 Carpal tunnel syndrome in association with congenital hand anomalies in adults

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A-0601 Total Wrist Arthroplasty and Total Wrist Arthrodesis for the Treatment of Wrist Arthritis

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A-0602 Pedicled Medial Plantar Artery Flap (Instep of Foot) in Non Weight-Bearing Areas of Lower Limb. Retrospective Study of 21 Cases

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A-0603 Elbow ankylosis: treatment by fascia lata interposition arthroplasty

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A-0604 Test-retest reliability study of elbow and hand dynamometric assessment following distal biceps brachii tendon repair with a bone tunnel technique through a single incision. Preliminary results.

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A-0605 Arthroscopic and radiographic evaluation after fluoroscopic open reduction and internal fixation of distal radius fractures with impacted intra-articular fragment

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A-0607 Immediate Effects of Myofascial Releasing Technique in a Guitar Player with Upper Extremity Neurovascular Entrapment – A Case Report

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A-0609 Functional and objective assessment of distal biceps brachii tendon repair with a non-widespread bone tunnel technique through a single incision. Preliminary results

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A-0614 Comparison of different mechanism plate fixations for the distal ulna fractures with concomitant the distal radius fractures

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A-0615 The effects of postoperative immediate active mobilization on repair site after repairing extensor Zone IV tendon with 3 various suture techniques

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A-0621 Preliminary study of distal radius fractures in patients over 65 years old. Prospective analysis of 15 cases

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A-0625 Treatment of a non viable upper limb amputation with a sequence of operations

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A-0626 Does compression by the transducer influence the measurement of thenar muscle morphometry by ultrasound? Comparison between water bath technique and direct contact method

Keitaro Fujino, Katsunori Ohno, Atsushi Yokota, Kenta Fujiwara, Masashi Neo

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A-0627 Pollicization of the Second Finger For a Radial Hypoplasia

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A-0632 Persistent neuropathic pain after nerve repair in the upper extremity

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A-0633 Video surgery for recurrent carpal tunnel: Interest and feasibility study.

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A-0634 The value of intra-operative fluoroscopy in total trapeziometacarpal joint arthroplasty.

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A-0635 Analysis of radial nerve paralysis caused by humeral shaft fracture

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A-0636 Endoscopic exploration of the carpal tunnel during release of the median nerve.

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A-0638 Correlation of intraoperative radioscopy in fractures of distal radius between SKYLINE projections & FACET view versus post operative CT

Diego Junqueras, Pablo Orellana, Francisco Melibosky, René Jorquera, Peter Cobb, Juan José Valderrama
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A-0639 Comparison of two different processing method of detergent decellularization

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A-0640 What is the actual definition of carpal tunnel syndrome recurrence?

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A-0642 Arthroscopic control of Bennet's fracture-luxation

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A-0644 Little finger carpo-metacarpal post-traumatic arthritis treatment. A Solution through pyrocarbon interposition arthroplasty

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A-0645 Description of the extensor muscles origin around the lateral epicondyle. An anatomical study.

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A-0646 Tension at nerve repair sites: What is the effect of trimming a nerve?

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A-0648 Hand Dorsum Reconstruction: The Usefulness of Flaps and Regenerative Surgery Through a Retrospective Analysis of Ten Years Work of a Hand Surgery Department

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A-0649 Ideal cup position in trapeziometacarpal joint arthroplasty: a biomechanical cadaver study

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A-0652 Partial wrist arthrodesis in Cerebral Palsy Children

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A-0654 Results After Distal Digital Replantation - Is It Worth The Effort ?

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A-0658 Rapid methods of testing and teaching basic knowledge and skills on hand injuries and soft tissue trauma

Woan-Yi Chan, Gabriel Fleraru
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A-0660 Can changes in magnetic resonance imaging before and after surgery predict whether nerve conduction velocities improve after carpal tunnel release in chronic hemodialysis-associated carpal tunnel syndrome?

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A-0661 Delayed Primary Flexor Tendon Repairs: How Late is Too Late?

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A-0664 Early Detachment of Reverse Heterodigital Island Flaps

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A-0665 Combined volar & dorsal approach for complex intra-articular distal radius fracture

Jaesung Lee, Hyungseok Jung, Donghoon Lee

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A-0666 The functional outcomes of radial head arthroplasty after more than 10 years

Hiroyasu Ikegami, Takanori Shintaku, Shu Yoshizawa, Hideaki Ishii, Takeo Mori, Yoshiro Musha, Takao Kaneko

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A-0668 The Surgical Technique of Autogenous Pillar Bone Graft for Distal Humerus Nonunion with Ipsilateral Arteriovenous Shunts: Case Report

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A-0669 The vitamin D levels in Patients with complex regional pain syndrome I and distal radius fracture : Preliminary study

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A-0670 Total elbow arthroplasty for the fractures of the elbow

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A-0671 Leiomyoma of the hand

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A-0672 Kanavel's Study of the Deep Spaces of the Hand, and its Relevance Today

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A-0673 Monteggia fractures in children – characteristics of ulna acute plastic bowing –

Yutaka Kubota, Keikichi Kawasaki, Hiroki Nishikawa, Sadaaki Tsutsui, Tetsuya Nemoto, Kazutoshi Kubo, Katsunori Inagaki

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A-0674 Entrapment of the supraescapular nerve. Results in 30 patients

Sergio Daroda, Ezequiel Fernández, Facundo Zabaljauregui, Fernando Menvielle, Rodolfo Cosentino, Clara Benedetti, Paul Pereira

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A-0675 Great Occipital Nerve as a motor donor nerve in brachial plexus palsy: revision of the anatomy and results in our first patient

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A-0676 Hand Surgery Outcomes In Orthopedic And Plastic Surgery

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A-0677 Surgical Management of Madelung Deformity: A Systematic Review

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A-0679 Factors affecting delayed displacements of clavicle fractures in polytrauma patients

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A-0680 The epidemiology of Dupuytren's disease in South Korea: a nationwide population-based study

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A-0681 Biomechanics After Proximal Row Carpectomy

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A-0682 Treatment of Thoracic Outlet Syndrome

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A-0683 Biological Scapho-lunate ligament reconstruction with SLAM technique-our experience and 1-3 years results

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A-0684 Metacarpophalangeal joint arthroplasty using flexible hinge toe implant for the boutonniere deformity of the rheumatoid thumb

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A-0685 Fixation of distal radius fractures with dorsal locking plate compared Volar lock plating and Fragment specific fixation of distal radius - comparative case series

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A-0688 Dystrophic calcification of the hand after paraffin injection: A Case report

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A-0689 Comparative study of Ultrasonography Guided percutaneous A1 pulley release versus Blind percutaneous A1 pulley release

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A-0690 The Quadrangulated External Fixator in Complicated Carpometacarpal Fracture- Dislocations

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A-0692 Delivery of rapamycin using in situ forming implants induces immunoregulatory mechanisms promoting vascularized composite allograft survival.

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A-0693 Prospective study of needle fasciotomy for Dupuytren's contracture with two-year follow-up

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A-0695 A method of bone grafting with the aid of an aluminum foil template

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A-0697 Impact of patient-surgeon relationship quality on return to work conditions in patients with trauma or musculoskeletal disorders of the upper limb

Thierry Dubert ^{1,2,3}, Cedric Girault ³, Alexandre Kilink ¹, Marc Rozenblat ³, Yves Lebel ^{3,4}, Emmanuel H. Masmajeun ⁵, Christian Couturier ⁶, Julie Dorey ⁷, Gregory Katz ⁸

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A-0699 A case report of early diagnostics and succesful treatment of acute complex regional pain syndrome (CRPS)

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A-0701 Signal patterns in magnetic resonance imaging of schwannoma and vascular leiomyoma in the hand

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A-0702 Extensor Tendon Excursion at the Proximal Phalanx: Clinical Application to Rehabilitation Programs

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A-0703 Overuse injuries in patients with brachial plexus injury in the northern Netherlands

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A-0704 Partial Excision of Trapezium and Ligament Reconstruction with 2 Suture Anchors in the 1st Carpometacarpal Arthritis

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A-0706 Replantation of Multi-Level Amputation of the Hand and Wrist

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A-0707 Carboxymethylcellulose Gel (DyNavisc®), as a long term barrier to prevent fibroblasts migration and differentiation, a retrospective analysis

Franco Bassetto, Regina Sonda, Andrea Monticelli, Cesare Tiengo

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A-0708 Myo-electricity and gaze tracking data to improve hand prosthetics and neuro-cognitive examination.

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A-0709 Clinical evaluation of an innovative Polyactic Acid and Carbon Nanostructures interface for the peripheral nerve regeneration: experimental study

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A-0710 Fatgrafting in Dupuytren disease

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A-0711 Outcomes of radial head arthroplasty to treat complex radial head fractures

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A-0716 The role of ultrasound examination in penetrating nerve injuries

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A-0717 Septic arthritis of the wrist – delusory pathology with surprising evolution

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A-0718 Clinical, imagistic and pathological aspects of very rare benign tumors in the hand

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A-0721 Wide awake hand surgery - a real revolution. It is possible to reduce the anesthetic doses?

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A-0723 Local resection of Nora's lesion in different bones of the hand in 4 patients

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A-0726 Versatility of Free Serratus Anterior Fascia Flaps for Hand Soft Tissue Reconstruction in Patients with Skin Malignancy

Hyeonwoo Kim, Ji Ung Park, Jun Ho Choi, Julong Hu, Sung Tack Kwon, Byungjun Kim
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A-0728 Managing advanced Dupuytren's Disease with Collagenase: is there a suitable cohort?

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A-0729 A Prospective Study of Functional Recovery Following Trapeziectomy and LRTI

Neela Janakiramanan, Sylvie Collon, David McComb, Stephen Tam
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A-0731 Optimising recruitment to an RCT in Neurolac-assisted tension free digital nerve repair

Dalia Mohamed, Dominic Power
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A-0734 Preoperative radiological risk factors of distal radioulnar joint instability in distal radius fractures, synthesized with volar plate

Belén García-Medrano, Clarisa Simón Pérez, Blanca Ariño Palao, Gonzalo Martínez Municio, Miguel Ángel Martín-Ferrero
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A-0739 Dorsal stress radiography of DRUJ to evaluate the instability of DRUJ in distal radius fracture

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A-0745 Extended dynamometry in medicolegal practice

Harry Belcher
Independent Hand Surgeon

A-0747 Metacarpal shaft reconstruction using medial femoral condyle flap : a case report

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A-0749 The free thin extended lateral arm flap for hand reconstruction; case series and technical modifications.

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A-0750 How to improve the effect of Platelet-rich plasma (PRP) on the peripheral nerve; its use in the carpal tunnel release

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A-0752 Retrograde percutaneous intramedullary K-wire fixation for the extra-articular proximal phalangeal base fractures of finger

Sang Eun Park, Bong Seok Choi, Won Ha Hwang
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A-0753 Diagnostic Accuracy of the Ulnocarpal Grinding Test for Detecting Triangular fibrocartilage complex tear

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A-0754 Triscaphoid arthrodesis for advanced Mb Kienböck, follow up after 7 years

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A-0757 New method of decellularization of human nerve segments applied to the development of implantable prostheses for the repair of peripheral nerve lesions.

Belén García-Medrano ¹, Nuria Mesuro Domínguez ², Clarisa Simón Pérez ³, Fernando Moreno Mateo ¹, Manuel Garrosa García ³, Miguel A Martín-Ferrero ¹, Sara Gayoso del Villar ³, Manuel José Gayoso Rodríguez ³
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A-0758 Surface replacement volar plate-arthroplasty in proximal interphalangeal (PIP) joints

Thiago Tomazi, Peter Larsson, Samuel Christen, Jörg Hainich, Jörg Grünert
Kanton Spital Sankt Gallen, Sankt Gallen, Switzerland

A-0761 Dual-portal Endoscopic Carpal Tunnel Release - New Modification

Marcello Cunha, Jose Pistelli, Antonio Emanuel Miachon, Marcio Cunha
Hospital Albert Einstein, São Paulo, Brazil

A-0762 Clinical results of arthroscopic release or open release in combined medial and lateral epicondylitis

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A-0763 Symptomatic distal biceps tendinopathy natural course treatment and prognostic factors

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A-0767 Dupuytren's contracture: Long term results after treatment with excision of the contracted palmar fascia

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A-0768 Distal radioulnar joint replacement in patients with Madelung's deformity

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A-0770 Retrospective Analysis of Uncemented Trapeziometacarpal Arthroplasty of Thumb

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A-0771 Treatment of concomitant instability in the metacarpophalangeal joint in basal osteoarthritis of the thumb

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A-0772 Injection Technique of Thumb Trapeziometacarpal Joint

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A-0777 Intrafocal pinning for severely displaced pediatric distal radius fracture

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A-0857 Versatility and Customization of the ALT Flap in Upper and Lower Extremities Reconstruction

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A-0780 Abstract: Response to conservative treatment for CMC osteoarthritis is associated with conversion to surgery

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A-0781 Clear-Cell Chondrosarcoma of the distal ulna treated with wide resection and fascia lata suspensoplasty: A case report

João Paulo Mussi, Christophe Camps, Alexandre Durand, Christophe Duysens, Rainer Andrea Falcone, Thomas Jager

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A-0788 Pull-out suture method for treatment of volar plate avulsion fractures

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A-0789 Refining the Cross-finger Flap: Considerations of Flap Insetting, Aesthetics and Donor Site Morbidity

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A-0790 Mycobacterium Senuense infection in the hand of a chef, transmitted from pig meat

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A-0971 Targeted Muscle Reinnervation of the Upper Extremity

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A-0794 Our results in "spaghetti wrist" injuries associated with soft tissue defects

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A-0796 Carpal tunnel syndrome associated with volar locking plate fixation for the distal radius fractures

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A-0797 Choosing the flap in complex injuries of the hand

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A-0800 Hand and wrist surgery without suspending warfarin or oral antiplatelet –Systematic review

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A-0801 Surgery for non-union of proximal pole fractures of the scaphoid with an APSI-prosthesis - a five year follow up

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A-0803 Possibilities of covering simple and complex tissue defects in hand and wrist

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A-0804 Dorsal scapho-lunar stabilization with Viegas' capsulodesis

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A-0805 Surgical treatment for long-term sequelae after cobra bite

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A-0806 Gender differences in 10770 open carpal tunnel releases – a national registry based cohort study

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A-0807 The treatment of burned hands in the Colectiv Club mass casualty fire

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A-0809 Carpal tunnel syndrome with space occupying lesion

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A-0810 Resurfacing the Distal Radioulnar Joint with Rib Perichondrium

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A-0811 Terrible triad injury of the elbow. A single-centre experience

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A-0814 Injury to the infraclavicular brachial plexus following dislocation of the glenohumeral joint

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A-0816 Nerve transfer strategies to improve hand outcome in isolated medial cord brachial plexus injuries: Staged motor nerve transfer through a reversed medial cutaneous nerve of forearm vascularised graft

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A-0818 Supinator branch to lateral cutaneous nerve of forearm in situ staged motor nerve transfer for distal forearm targets in medial cord brachial plexus injury

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A-0821 Revisited HyperSelective Neurectomy in upper limb spasticity

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A-0822 Three-dimensional (3D) ulnar variance: actual ulnolunate distance is greater in pronation due to dorsal translation of the ulnar head

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A-0824 Why do we prefer free fibula flap for the reconstruction of complex clavicular defects?

María L Manzanares Retamosa, Pedro Bolado Gutiérrez, Luis Landín Jarillo, Aleksandar Lovic Jazbec
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A-0825 An extreme variant of radial club hand: strategy of the treatment and 15 year follow-up

María L Manzanares Retamosa, Pedro Bolado Gutiérrez, Luis Landín Jarillo, Aleksandar Lovic Jazbec
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A-0826 Investigation of The Functional Status In Zone I Extensor Tendon Injuries After Early Physiotherapy Program

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A-0827 Decellularized Nerve: Research of the More Reliable Method

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A-0828 The Stener-Like Lesion of the radial collateral ligament of the thumb

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A-0829 New approach to advanced posttraumatic DRUJ arthritis reconstruction: more "physiological" and more sustainable

Aleksandar Lovic Jazbec, Luis Landín Jarillo, Pedro Bolado Gutiérrez, María L Manzanares Retamosa, César Casado Pérez
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A-0831 Minimally invasive treatment of Dupuytren: Collagenase vs. PNF – minimum 3 year follow-up

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A-0833 The amnion muscle combined graft (AMCG) conduits in the repair of wide substance loss of bigger trunks of peripheral nerves of the forearm and wrist. Our clinical and experimental experience

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A-0835 The Interossea anterior system for pedicled or free flaps in hand surgery – theory and clinical experience

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A-0837 Treatment of neuroma upper extremity by nerve capping

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A-0843 Episomal Induced Pluripotent Stem Cells Promote Functional Recovery of Transected Murine Peripheral Nerve

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A-0844 Ulnar motor branch entrapment in Alpine skiing

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A-0845 Early Functional Results and Activity Participation After Proximal Row Carpectomy

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A-0847 Treating of TMC osteoarthritis with RegJoint™ disk spacer

Robert Mulh, Franek Dolšek, Tea Jedlovčnik-Štrumbelj, Boštjan Lah
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A-0848 The Efficacy of Mirror Therapy on Pain, Sensation and Function After Carpal Tunnel Open Surgery

Tugba Karaaslan, Ela Tarakci, Hayri Omer Berkoz
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A-0850 Long term follow-up of operatively treated base of finger metacarpal fractures

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A-0851 Anatomical Study of Small Saphenous Vein for Application in Arterio-venous loop and Free Functional Muscle Transfer in Brachial plexus injury with concomitant Subclavian Artery Injury: A Cadaveric Study

Jidapa Wongcharoenwatana, Panai Laohaprasitiporn, Saichol Wongtrakul, Roongsak Limthongthang, Panupan Songcharoen, Torpon Vathana
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A-0854 Complications after volar plating in distal radius fractures- clinical report

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A-0855 Reconstruction of the hand by small free flaps

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A-0856 Investigation of Etiologic Factors of Dupuytren's Disease: A Pilot Study

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A-0862 Critical analysis of a case series after arthroplasty with the free interposition pyrocarbon implant, Amandys®

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A-0866 Pulley rupture and reconstruction in high level climbers.

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A-0867 Arthroscopic mid-carpal partial wrist arthrodesis. Our experience with twelve cases.

Olga Politikou, Christoph Erling, Lisa Reissner, Maurizio Calcagni

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A-0868 Anatomy of the anterior interosseous artery and the pronator quadratus muscle: contribution to distal radius

Claudia Lamas-Gómez¹, Ariadna Da Ponte-Prieto, Manuel Llusà-Pérez², Camila Chanes-Puigros¹, Marta Almenara-Fernández¹, Laura Velasco-González¹

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A-0869 Treatment of Scaphoid non-union: A novel technique for the correction of humpback deformity by a single dorsal approach using a vascularized 2nd metacarpal bone flap.

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A-0874 Fractures of Metacarpal Treated with Rods

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A-0875 Ligamentoplasty for metacarpophalangeal instability of the second finger

Francisco Cuadrado Abajo, Olga María Vélez García, María de los Ángeles de la Red Gallego, Manuel Rubén Sánchez Crespo, Higinio Ayala Gutiérrez, José Couceiro Otero, Fernando Javier del Canto Álvarez

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A-0878 Ulnar nonunion in forearm and its association with anatomical and epidemiological risk factors

Laura Velasco-González, Laura Noguera-Alonso, Luis Trigo-Lahoz, Julio de Caso-Rodríguez, Ariadna Da Ponte-Prieto, Claudia Lamas-Gómez. Hand Unit and Upper Extremity, Department of Orthopaedic Surgery, Hospital de la Santa Creu i Sant Pau, Universitat Autònoma de Barcelona, Barcelona, Spain

A-0879 Lipomas in the hand: a common tumor or a potential pitfall?

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A-0881 Chronic carpal tunnel syndrome due to a posttraumatic aneurysm. A rare case.

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A-0883 Arthritis of the 1st carpometacarpal joint of the thumb: treatment with tenotomy of the accessory bands of Abductor Pollicis Longus (APL)

George Kasimatis, Konstantinos Kourkoutas, Nikolaos Liarakos, Panagiotis Kaldis, Nikolaos Vlachos, Panagiotis Giannakopoulos
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A-0885 Restore the native anatomy and function with osteosynthesis of hook of the hamate fractures

Claudia Lamas-Gómez, Ariadna Da Ponte-Prieto, Aranzazu González-Osuna, MC Pulido-Garcia, Laura Velasco-González, Xavier Aguilera-Roig
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A-0886 Outcome Measurements and functional Benefit in Brachial Plexus Surgery

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A-0889 Lessons for high income health service providers from a reconstructive hand surgery mission in a low income country

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A-0895 Perilunate Injury Not Dislocated, a retrospective case series

Carla Nunes, Andreia Nunes, Ana Ângelo, Joaquim Rodeia, Pedro Fernandes, Raquel Teixeira Carla Nunes^{1,2}, Andreia Nunes¹, Ana Ângelo¹, Joaquim Rodeia¹, Pedro Fernandes¹, Raquel Teixeira¹

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A-0897 I metacarpal lengthening after traumatic thumb amputation - case report

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A-0899 Salvaging digital replantation: Efficiency of Heparin solution subcutaneous injection in finger replantation

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A-0900 Giant Cell Tumor in the Carpus Treated with Resection, Bonegraft and Midcarpal Arthrodesis

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A-0902 Late mechanical failure of a distal radius volar locking plate

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A-0906 Extra-articular Osteotomy for Malunited Unicondylar Fractures Done with Conical Burs

David García-Romero, Angeles García-Frasquet, Isabel Nieto

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A-0908 The prevalence of carpal tunnel syndrome in athletes of sport for People with a disability

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A-0909 Release of elbow contracture using an approach with a skin transposition flap

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A-0910 Closed free hand proximal-distal bent k wire inn of metacarpal fractures by 1-2 kirchner wires. A retrospective case series of 23 patients

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A-0911 Bioengineering and Regenerative Surgery: New Possibilities for Reconstruction of Complex Lacks of the Upper Extremity and of the Hand

Aurelio Portincasa, Liberato Roberto Cecchino, Luigi Annacontini, Fedele Lembo, Domenico Parisi

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A-0912 Complications Related to Harvesting Nerve Graft or Obtaining Nerve Biopsy

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A-0913 The unnecessary antibiotics in hand trauma: Do we need it? A review on the current practice.

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A-0915 Are Current Human Nerve Allograft Processing Methodologies Similar Enough to Use Their Data Interchangeably? An Assessment of the Key Factors Relevant to Regeneration and Functional Outcomes Data

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A-0916 Congenital constriction ring syndrome: Observations, surgical approach and optimization of treatment

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A-0917 Hand Trauma Service at a rural District General Hospital. Challenges of meeting the BSSH 2007 Hand Trauma Standards

David Izadi, Alasdair Barrie, Kevin Williams, Vikram Devaraj, Andrew Watts, Christopher G. Wallace

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A-0918 Minimal endoscopic decompression of ulnar nerve in the cubital tunnel

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A-0919 Phalangeal hereditary multiple exostosis causing flexor tendon triggering: A case report

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A-0923 Predictive Accuracy of Clinical, Radiological and Neurophysiological Pre-operative Tests in the Diagnosis of Thoracic Outlet Syndrome

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A-0924 Artificial Intelligence Revealed Neuroprotective Drug for Nerve Trauma

Joaquim Forés¹, David Romeo-Guitart², Mireia Herrando-Grabulosa², Raquel Valls³, Tatiana Leiva-Rodriguez², Elena Galea⁴, Francisco Gonzalez-Pérez², Xavier Navarro², Valerie Petegniel⁵, Assumpció Bosch⁶, Mireia Coma³, José Manuel Mas³, Caty Casas²

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A-0927 Safety and short term results of mini invasive CTR using smilley meniscotome and a new cannula trocar combination CTCTS

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A-0928 A Comparison of Two Grip Force Evaluation Systems. A Pilot study

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A-0930 Long-term results of the treatment of Dupuytren's Disease with Collagenase Clostridium Histolyticum (CCH)

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A-0931 Sensate nerve fiber transfer from the dorsal branches of the radial nerve for the 1st space to the deep motor branch of the ulnar nerve to protect intrinsic hand muscles from atrophy; an anatomical and histomorphometric study

Michele R Colonna¹, Vincent Casoli², Nikolaos Papadopoulos³, Francesco Stagno d'Alcontres¹, Konstantinos Natsis⁴, Bruno Battiston⁵, Paolo Titolo⁵, Pierluigi Tos⁶, Francesco Zanchetta¹, Alfio Costa¹, Pietro Micieli¹, Antonina Fazio¹, Gabriele Delia¹, Stefano Geuna⁷

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A-0932 Diagnostic guidante in saddle syndrome

Xoan Daniel Garcia Fuentes, Maria Angeles Garcia Frasquet, Rodrigo Marcos Rabanillo

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A-0933 Functional outcome of shoulder arthrodesis in brachial plexus palsy patients. Prospective study

Guilherme Sevá Gomes, Marcelo Rosa de Rezende, Álvaro Bayk Cho, Laura Lorimier, Danielle Scarcella

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A-0936 Rearticulation of fused wrists with the Motec prosthesis

Magne Røkkum, Trygve Holm Glad, Rasmus Thorkildsen, Ole Reigstad
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A-0938 Bipolar radiofrequency for effective mini-operative treatment of tennis elbow

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A-0939 Complication rate after open fasciotomy versus needle fasciotomy in patients with diabetes mellitus

Grigorios Kastanis, George Belivasakis, Petros Kapsetakis, Eirini Trachanatzis, Idomeneas Makriganakis, Nikolaos Bounakis
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A-0944 Treatment of perilunate fracture dislocations with a single dorsal approach: patient related midterm results.

Panagiotis Kanellos, Dimitrios Flevas, Konstantinos Tolis, Maria Ladogianni, Sarantis Spyridonos
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A-0945 The functional outcomes of deep friction massage as protocol of rehabilitation in perilunate injuries of the wrist

Anna Pantouvaki, George Velivasakis, Petros Kapsetakis, Grigorios Kastanis
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A-0948 Hook plate in treatment of bony mallet finger

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A-0954 Case Report: Angiosarcoma of the Hand with Coagulation Control Challenge.

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A-0955 Identifying enchondromas of the hand at risk for pathological fracture - a review of 79 cases

Judit Réka Hetthéssy¹, Noémi Szakács¹, Péter Vancsó¹, Andrea Újszászi², Tünde Szilas³
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A-0956 Arthroscopic treatment of scaphoid nonunion, preliminary results

Robert Gvozdenovic
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A-0957 OrthOracle and the acquisition of procedural skills using cognitive simulation

Petros Mikalef, Manish Gupta, Rajive Jose, Mark Herron, Dominic Power
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A-0959 Surgical treatment of nonunions and defects of the distal humerus

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A-0963 Case Report: Hypothenar Hammer Syndrome with Pseudoaneurism of Ulnar Artery

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A-0965 Brachial plexus impingement secondary to ICD wires: A Case Report

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A-0966 Prospective study of the first 50 Dual mobility trapeziometacarpal Maia prosthesis with 2 years follow-up

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A-0968 Systematic Follow-up after Supraclavicular First Rib Resection for Thoracic Outlet Syndrome using Quick DASH and Cervical Brachial Symptom Questionnaire pre- and postoperatively

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A-0973 The Inflatable Carrot- An orthosis for flexion contractures of the hand

Ishan Radotra, Benjamin Baker, Stuart W McKirdy
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A-0975 The Surgical and Reconstructive Management of Bowen's disease of the Palm: A rare presentation

Ishan Radotra, Maria Chasapi, Anil Agarwal
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A-0977 The infraclavicular approach for neurectomy of the spastic shoulder

Petros Mikalef, Colin Shirley, Dominic Power
Birmingham Hand Centre, UK

A-0979 Can a virtual fracture clinic be used to safely manage paediatric patients with suspected scaphoid fractures?

Tariq Aboelmagd¹, Karim Aboelmagd¹, Jennifer Lane^{1,2}, Neville Davies¹, Claire Middleton¹, John Morley¹
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A-0980 Cross Sectional Area just Proximal to the Carpal Tunnel According to the Ulnar Variance

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A-0981 The science of hand holding

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A-0982 Buttress Plating for Volar Barton Fractures in Children

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A-0983 Antegrade intramedullary pinning in subacute fifth metacarpal neck fracture after failed conservative treatment

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A-0984 Treatment of humeral condylar fractures in the elderly with locking plates

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A-0985 Reconstruction of metacarpals using bone graft

Ciara Deall, Parkash Lohana, Khalid Qureishi, Garth Tittley, Rajive Jose
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A-0986 The mangled hand Revisited: The challenge of the functional reconstruction

Hazem Alfeiky, Susie Yao, Jamie Barnes, Ahmed Abd El Gawad, Irfan Khan, Chris West, David Bell
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A-0987 Effects of a temperature-sensitive, anti-adhesive agent on the clinical outcome of carpal tunnel release surgery

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A-0988 Treatment of a long-standing pediatric lateral humeral condyle fracture nonunion. A case report

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A-0991 Patient and Parent Reported Outcomes Following Pollicisation

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A-0994 Replantation of the hand with third degree burns – case report

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A-0995 Can a virtual fracture clinic be used to safely manage adult patients with suspected scaphoid fractures?

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A-0996 Disparities in Treatment of Traumatic Nerve Injuries of the Upper Extremity

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A-1002 Restoration of the deltoid by nervous transfer of a triceps motor branch on the axillary nerve. Study of 19 patients.

Romain Detammaecker, Lionel Athlani, Yohan Kim De Almeida, Sandrine Huguet, Francois Dap, Gilles Dautel
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A-1006 Use of intercostal nerves in treatment of complete brachial plexus palsy

Mikhail Novikov, Timur Torno, Andrey Fedorov, Armen Karapetyan
N. Solovjov's Emergency Medicine Hospital and Yaroslavl State Children's Hospital, Yaroslavl, Russia

A-1105 Clinical Dorsal Wrist Ganglion examined by Pathology, Ultrasound, X-ray and Magnetic Resonance Imaging.

Jamila Hussein Eriksen ¹, Niels Søb Nielsen ², Dimitar Ivanov Radev ², Charlotte Strandberg ², Merete Juhl Kønig ², Eva Balslev ³, Lisbeth Vesterlökke ², Helle Raagaard Larsen, Nana Vermehren ⁴, Gudlaug Rosa Sigurdardottir ², Britt Ebstrup ²
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A-1008 Supplemental Method for Reduction of Irreducible Mallet Finger Fractures by the Two Extension Block Technique: The Dorsal Counterforce Technique

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A-1009 Treatment for Patients with Radial Nerve Palsy showing the Distraction of Fracture Gap in Transverse Humeral Shaft Fracture

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A-1010 Morbidity of interventions in the treatment of primary Dupuytren's Disease

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A-1011 Clinical effects of ulnar variance which lengthened again after ulnar shortening osteotomy

Hee Seop Lee, Myung Jae Oh, Ilhoon Kwak, Jong Woo Kang, Min Jung Park, Hye Jin Park
Korea University Ansan Hospital, Ansan, South Korea

A-1012 Factors associated with pain intensity in idiopathic ulnar impaction syndrome (Does longer ulna induces severer pain in idiopathic ulnar impaction syndrome?)

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A-1013 Functional Outcomes of Ultrasound guided Platelet Rich Plasma Injection in Recalcitrant lateral epicondylitis after Steroid Injection: Case Series

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A-1014 Vascularized fibula flap in orthopaedic surgery

Raquel Bernardelli Iamaguchi, Marco Aurélio de Moraes, Renan Lyuji Takemura, Gustavo Bersani Silva, Jairo Andre de Oliveira Alves, Alvaro Baik Cho, Teng Hsiang Wei, Marcelo Rosa de Rezende, Rames Mattar jr
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A-1016 Delay treatment of intraarticular finger fractures.

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A-1018 Palmaris longus tendocutaneous arterialized venous free flap to reconstruct the interphalangea collateral ligament in composite defects

Sang Hyun Woo
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A-1023 Isolated flexor pollicis longus nerve fascicle injury - a rare differential diagnosis of thumb flexion deficiency

Andreas Gohritz, Jan Fridén
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A-1024 Side-to-side tendon suture to enable extensor indicis tendon plasty in distal extensor pollicis longus rupture

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A-1029 Development of a new designed knife for trigger fingers

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A-1033 Nonsurgical and Surgical Management of Patients with Positive Ulnar Fovea Sign

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A-1034 A review of cyclic testing protocols for flexor tendon repairs

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A-1036 Reconstruction for Chronic Scapholunate Dissociation with DIC stabilized by RASL vs SwiveLock as internal splint

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A-1039 Treatment No Surgical Mallet Finger. Prospective Study

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A-1040 Intrasynovial tendon grafting for finger flexor tendon reconstruction

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A-1041 The Use of Lag Screw in Fracture Dislocation of The Proximal Interphalangeal Joint

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A-1042 Composite ALT(anterolateral thigh) perforator flap with tendon transfer for soft tissue heel defect including Achilles' tendon loss

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A-1043 Clinical Outcomes of Zone 2 Flexor Tendon Repairs Using the Modified Lim/Tsai Technique

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A-1044 The role of intact vincula tendinum in the results after delay flexor tendon repair in zone II

Claudia Lamas-Gómez, Laura Velasco-González, Marta Almenara-Fernández, Ariadna da Ponte-Prieto, MC Pulido-Garcia, Aranzazu González-Osuna.

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A-1046 Wide awake local anesthesia no tourniquet technique(WALANT) for Extensor Indicis Proprius (EIP) tendon transfer.

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A-1047 Synovial chondromatosis of the pisotriquetral joint – case presentation

Judit Réka Hetthéssy, Noémi Szakács

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A-1048 Hemi Resection of the Ulnar Head as an Alternative to Its Total Excision in Management of Distal Radio-ulnar Joint Arthritis.

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A-1055 Nerve wrapping using cephalic and basilica vein for treatment of recurrent chronic nerve scarring of median nerve

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A-1060 Management of shoulder internal rotation limitation in obstetrical palsy.

Atakan Aydin¹, Safiye Özkan¹, Zeynep Hoşbay²

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A-1061 Long Head of Triceps Transfer to Gain Elbow Flexion in 15 Patients

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A-1062 Lower Trapezius Transfer for Triceps Function in Obstetric Palsy. Review of Other Methods and Presentation of 7 Cases

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A-1063 Psychosocial assessment procedure for bionic reconstruction in patients with global brachial plexus injuries

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A-1069 Fractures of the metacarpals or phalanges of the hand – are outcomes similar between conservative and surgical management?

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A-1072 Results of denervation for management of tennis elbow

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A-1073 Apert's hand revisited: A new classification system

Hazem Alfeiky, Paul McArthur

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A-1086 Is it useful the arthroscopic treatment to scaphotrapeziotrapezoid joint osteoarthritis?

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A-1090 Trapeziometacarpal arthrodesis using chevron osteotomy, longitudinal K-wire, and K-wire compression staples

Seung-Han Shin, Keun-Young Choi, Yong-Suk Lee, Yang-Guk Chung, Seok-Whan Song, Hyoung-Min Kim, Jae-Young Lee

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A-1091 Bilateral elastofibroma dorsi: a case report and review of the literature

Slimane Ouali, Laurent Bourcheix, Patrick Houvet

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A-1092 Iatrogenic injuries of the radial nerve – a frequent problem?

Richarda Boettcher, Ulrike Schnick

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A-1096 Investigation Activity Profiles With Disabilities Of The Arm, Shoulder And Hand (DASH) Questionnaire In Turkish Population With Distal Radius Fractures

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A-1099 Joint survival analysis and clinical outcome of bilateral total joint arthroplasties with the Isis implant in the treatment of trapeziometacarpal osteoarthritis.

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A-1100 Joint survival analysis and clinical outcome of total joint arthroplasties with the Isis implant in males patients only.

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A-1101 Joint survival analysis and clinical outcome of total joint arthroplasties with the Isis implant in the treatment of trapeziometacarpal osteoarthritis: multicenters prospective continue case series with a minimal follow-up of 5 years.

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A-1102 Joint survival analysis and clinical outcome of total joint arthroplasties with the Isis implant in patients with scaphotrapeziotrapezoid osteoarthritis.

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A-1109 Complex Transverse Fractures of the Olecranon Treated by the Tension Band Wiring following Absorbable Pin Fixation of Articular Fragment

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A-1110 A new staging system to evaluate treatment results and recurrence rate in Dupuytren's disease.

Stefano Galli

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A-1112 Tensegrity in the common digital nerves: A cadaveric pilot for the STRAIN study

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A-1114 Rehabilitation following nerve transfers in the upper extremity

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A-1115 Orthopedic Emergency of Hemophilia: Compartment Syndrome in a Infant

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A-1116 Scapulothoracic Dissociation with Floating Elbow in a Patient

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A-1121 Suture button suspensionplasty for thumb carpometacarpal joint osteoarthritis using Mini TightRope FT

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A-1123 Proximal hand and forearm Replantation: Improving the outcomes

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A-0046 Microgeodic disease -a case report-

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A-0578 Experience from an interdisciplinary arthrogryposis clinic in the North of England

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