

57° Congresso Nazionale SICM
Società Italiana di Chirurgia della Mano
Joint Session SICM/JSSH Japanese Society for Surgery of the Hand
Florence, Italy, October 10-12 2019

PRE FINAL PROGRAM

THURSDAY 10 OCTOBER

Room ONICE

9.00-12.00 **PRE-CONGRESS SICM SIMPOSIUM**

“WRIST ARTHROSCOPY TODAY “

Coordinator: A. ATZEI

THEORETICAL AND PRACTICAL WORKSHOP with anatomical surgery simulator. Elements of Arthroscopy Techniques and wrist ligament repair

FREE PARTECIPATION: first 60 subscriptions.

Educational Grant ARTHREX

12.00-13.00 **Wrist surgery - SICM**

Free Entrance

THURSDAY 10 OCTOBER

AUDITORIUM

13.15 WELCOME GREETING AND CONFERENCE OPENING

13:30/14:30 **INSTRUCTIONAL COURSE: POST-TRAUMATIC DISTAL RADIO-ULNAR JOINT DISORDERS**

President: **G. Lauri**

13.30 How to avoid the radio-ulnar post traumatic pathological variances. Pearls and pitfalls
F. Nienstedt (Merano, BZ)

13.42 Radio-ulnar dimetria: radio osteothomies
G. Lauri (Firenze)

13.54 Radio-ulnar dimetria: ulnar osteothomies
M. Gabl (Innsbruck, Austria)

14.06 Radio-ulnar dimetria: arthroscopic approach
A. Atzei (Torino)

14.18 Discussant **Pier Paolo Borelli** (Brescia)

14:30/15:30 **FOCUS ON WHEN THERE IS NO HAND: WHERE THE RESEARCH GOES**

Coordinators: **F. Bassetto** (Padova), **A. Leti Acciaro** (Modena)

14.30-14.42 **PROSTHETIC RECONSTRUCTION**

M. Lando (Modena), **R. Sacchetti** (Budrio)

- 14.42-14.54 Osteo-neuro-muscular integrated prosthesis
P. Sassu (Göteborg, Sweden)
- 14.54-15.06 The bionic hand
F. Bassetto (Padova)
- 15.06-15.18 Hand transplant
M. Del Bene (Monza, MI)
- 15.18-15.30 Discussion
- 15.30/18:00 **REPAIRING SURGERY IN PERIPHERAL NERVE DEFECT: FROM THE PLEXUS TO THE PERIPHERY**
- President: **B. Battiston** (Torino)
Moderators: **N. Felici – M. Colonna**
- 15.30 The thoracic outlet syndrome: future trends
M. Del Bene (Monza, MI)
- 15.40 Current trends in peripheral nerve surgical repair
P. Titolo (Torino)
- 15.50 Peripheral nerve regeneration using artificial nerve conduits
K. TAKAMATSU (Japan)
- 16.00 Nerve transfer in delayed obstetrical palsy repair: critical review
F. M. Senes (Genova)
- 16.10 Discussion
- 16.20 Nerve transfers: changing the paradigms in nerve repair
R. Giunta
- 16.30 Functional outcome in selective axillary nerve injury
N. Felici
- 16.40 Current trends in iatrogenic peripheral nerve injury
I. Marcoccio (Brescia)
- 16.50 Accessory spinal nerve iatrogenic lesions
P. Raimondi (Castellanza, VA)
- 17.00 Discussion
- 17.10 Pheripheral nerve tumors
R. Adani (Modena), **P. Tos** (Milano)
- 17.20 Superselective neurectomy in spasticity
C. Leclercq

- 17.30 Nerve neurotization in tetraplegia
M. Biondi (Firenze)
- 17.40-17.50 Splints indication and functional recovery in peripheral nerve injury
S. Centaro
- 17.50-18.00 Discussion

19.00 *Opening Ceremony 57° National Congress SICM*
57° Congresso Nazionale SICM
15° Congresso Nazionale AIRM

Sandra Pfanner	Presidente Congresso SICM
Saluto delle Autorità	
Carlo Bufalini	Fondatore Reparto Chirurgia della Mano AOUC Firenze
Massimo Ceruso	Presidente Onorario Congresso SICM
Silvia Alessandri	Biblioteca Nazionale Centrale di Firenze
Bruno Battiston	Presidente SICM
Hiroyuki Kato	JSSH President
Emiko Horii	Leader JSSH Group
Giulia Guidi	Presidente Congresso AIRM
Claudia Viganoni	Presidente AIRM

Welcome Cocktail

THURSDAY 10 OCTOBER

GREEN ROOM

- 13:30/14.30 **INSTRUCTIONAL COURSE: LIPOFILLING O FATGRAFTING IN HAND SURGERY. MYTH AND REALITY**
President **M. Cherubino** (Varese)
Moderators: **E. Pataja, F. Bergamin**
- 13.30 Evidence Based Medicine and metanalysis in hand surgery applications
A. Monticelli (Padova)
- 13.45 How, which and what: techniques and indications.
F. Tamborini (Varese)
- 13.55 Stromal vascular fraction role in rizoarthrosis treatment.
M. Riccio (Ancona)
- 14.05 Experience and right indications. What is right and what is wrong.
A. Portincasa (Foggia)
- 14.15 Discussion
- 14:30/15.30 **FOCUS ON – AUDITORIUM**

THURSDAY 10 OCTOBER

GREEN ROOM

SESSION 1: POST TRAUMATIC SEQUELA

Moderators: **F. Da Rin** (Cortina d'Ampezzo, BL), **A. Merello** (Genova)

15.30-15.35 Corrective distal radio osteotomies using osteotomy using CAD-CAM technology

M. Ferrero, M. Bertolini, E. Dutto, F. Giacalone, J. Teodori, B. Battiston (Torino)

15.35-15.40 The fascia lata interposition in the surgical treatment of post-traumatic radioulnar synostosis

S. Pinto, M. Ceruso, E. Francioni, G. Munz, I. Felici, S. Pfanner (Firenze)

15.40-15.45 Results after surgical treatment of post-traumatic proximal radioulnar synostosis

P. Spinello, G. Giannicola, M. Scacchi, C. Villani, G. Cinotti (Roma)

15.45-15.50 Masquelet technique in posttraumatic segmental bone defects in the forearm: indications and case series.

Irene Felici, Prospero Bigazzi, Roberto Buzzi, Andrea Poggetti, Massimo Ceruso, Sandra Pfanner (Firenze)

15.50- 15.55 Forearm reconstruction after complex trauma and complex soft tissue defects

L. Delcroix, Sara Tanini, Debora Boncinelli, Marco Innocenti (Firenze)

15.55-16.00 Treatment of phalangeal and metacarpal non-unions using autologous bone graft, external fixator and biophysical stimulation.

P. L. Bonucci, E. Gerace*, M. Marcialis, D. Di Mambro, E. Taglione°, G. Cristiani (Modena, °Volterra, PI, *Ferrara)

16.00-16-05 Stiffness in hand surgery – Is there a constitutional fibrous diathesis?

P. di Giuseppe, F. Meta, Simona Odella, Alessandro Crosio, P. Tos (Milano)

16.05- 16.10 “Systemic” *fabrication* and surgical treatment of hand’s “dysmorphism”

G. M. Grippi (Palermo)

16.10-16-25 Discussion

16.25 – 17.20 2nd SESSION: Wrist fractures (8)

Moderators : **M. Rampoldi**, **U. Passaretti**

16.25 – 16.30 Intra-articular wrist fractures: is a volar plate sufficient?

M. Abate

16.30 – 16-35 The use of LCP 2,4 palmar edge plate for marginal distal radio fractures: our experience.

S. Briano, G. Demontis, A. Galuppi, E. Dapelo, G. Pachera

16.35 – 16.40 Volar rim fractures

S. Puccini, P. G. Zampetti, G. Bucciarelli, G. Checcucci; A. Wafdy Ibrahim Ahmed, N. Mondanelli

16.40-16.45 Dorsal approach in distal radio fractures osteosynthesis. Indications and results

M. Rampoldi, G. Antonietti, A. Morini, E. Pataia (Roma)

16.45 – 16.50 Dorsal fixation by a new type of plate for distal radio fractures

P. G. Zampetti, S. Puccini, G. Bucciarelli, G. Checcucci, A. Balatri

16.50 – 16.55A new approach in distal radio fractures: the Multifix Wrist

N. Della Rosa, G. Petralle, G. Colzani, R. Adani (Modena)

16.55 – 17 Peri-implant fractures after radius volar plate fixation: a rare clinical case

L. Stramazzo, N. Galvano, A. Cioffi, M. Girolamo Scurti, L. Carmada, M. d'Arienzo (Palermo)

Plating related complications in distal radio fractures. Personal clinical series and literature review.

S. Briano, G. Demontis, A. Galuppi, E. Dapelo, G. Pachera

17.20 – 18.15 3rd SESSION: Scaphoid fractures (5)

Moderators: **P. P. Borelli, A. Vitali**

17.20- 17.25 Economic and social evaluation in undisplaced scaphoid fractures.

A. Fenoglio, B. Battiston (Torino)

17.25-17.30 Treatment of scaphoid istmo fractures with cambra. Retrospective study of an uncommon technique.

L. Rocchi, G. Merendi, G. Cazzato, **C. Fulchignoni**, A. Tulli, F. Fanfani (Roma)

17.30-17.35 Scaphoid non-unions treated with cancellous olecranon bone graft and screw. Personal experience of 150 cases

M. Rosati, M. Novi, A. Del Chiaro, A. Nucci, M. Scaglione

17.35 – 17.40 Scaphoid non-unions surgical treatment with the Zaidenberg pedicled vascularized bone flap.

A. Marcuzzi, Debora Lana, Roberto Adani (Modena)

17.40 – 17.45 Distal radio Vascularized bone graft (IOV) in scaphoid non-unions and proximal pole osteonecrosis.

S. Galli, C. Bertoli, G. Milano

19.00 **Opening Ceremony**
57° Congresso Nazionale SICM
15° Congresso Nazionale AIRM

THURSDAY 10 OTTOBRE

SALA ONICE

13.30/14.30 **INSTRUCTIONAL COURSE: NOVEL TRENDS IN TREATMENT OPTIONS FOR UPPER LIMB SPASTICITY**

President: **L. Martini** (Firenze)

Moderators: **C. Leclercq, A. Landi**

13.30 Patients clinical evaluation based on ethiology and age.

C. Leclercq

13.40 Botulinum toxin application: from pre-operative planning to post-operative refinement

F. Balestrieri, L. Martini

13.50 Neuro-orthopaedic surgery: muscle, tendon and bone surgery: when and how.

Azzarà (Terni)

- 14.00 Nerve surgery: superselective neurotomy theory and practice
P. Panciera
- 14.10 How to treat medullary spasticity.
G. Caserta
- 14.20 Guidelines proposal to assess patients with spasticity.
L. Martini (Firenze)
- 14.30/18.00 **“YOUNG AFTERNOON”**
- 14.30 -16.30 **Micosurgery lessons – Napoli course**
President: **P. Tos** (Milano),
Coordinators: **N. Felici** (Roma) **I. Marcoccio**
- 14.30-14.40 Free flap reconstruction in hand post-traumatic hand injuries
M. Cherubino (Varese)
- 14.40-14.50 Complex upper limb trauma management
N. Felici (Roma)
- 14.50-15.00 Upper limb replant indication
D. Fonzone (Napoli)
- 15.00-15.10 Novel trends in obstetric brachial plexus repair ostetrico
F. Senes (Genova)
- 15.10-15.20 Clinical microsurgical reconstruction in complex hand injuries
C. Tiengo (Padova)
- 15.20-15.30 Nerve transfer in tetraplegia
B. Battiston (Torino)
- 15.30-15.40 Material and Methods in sperimental nerve regenerative surgery
A. Crosio (Milano)
- 15.40-15.50 Microsurgical reconstruction of thumb distal phalanx
R. Adani (Modena)
- 15.50-16.00 Tension free nerve suture: past requirement or present need
I. Marcoccio (Brescia)
- 16.00-16.10 Pediatric replant peculiarities
D. Ciclamini (Torino)
- 16.10-16.20 Dorsal hand reconstruction
M. Riccio (Ancona)
- 16.20-16.30 Toe to finger reconstruction
P. Tos (Milano)
- 16.30-16.40 Microvascular bone flaps in hand surgery
A. Pagnotta (Roma)

16.40-17.15 **Tesine Napoli + Arezzo (4+1)**

President **C. Tiengo**

Moderators: **A. Lazzerini, O. Spingardi**

16.40-16.44 Median nerve cutaneous branch: origin, course and clinical-surgical implications in ligament release and aponevrectomy

G. P. Azzena, F. Facchin, F. Bassetto, C. Tiengo (Padova, Trieste)

16.44 – 16.48 dorsal branch of collateral digital nerve. Anatomical implication during homodigital reverse island flap

F. Facchin, G.P. Azzena, F. Bassetto, c. Tiengo (Padova, Trieste)

16.48- 16.52 Anatomical variants between muscolocutaneous and median nerves. A cadaveric study and literature review

C. Fumo, R. De Vitis, L. Marzella (Roma, Milano)

16.52-16.56 DIPJ flexion restorage using a ulnar bundle of extensor tendon in chronic FDP lesions. anatomica study.

C. Martini, I. Felici, A. Poggetti, L. U. Romano, S. Pfanner (Cles- TN, Firenze)

16.56-17.00 a safe area to ulnar wrist arthroscopical portls approach: an anatomic study.

L. Senesi, A. Atzei (Torino, Monastier di Treviso- TV)

17.00 – 17.04 How to choose the correct position of plate during distal radial fractures fixation: a cadaveric study correlation with diagnostic imaging

F. Fissore, A. Fagetti, G. Caruso (Varese, Firenze)

17.04-17.08 Perforator adipo-fascial antibrachial flap: surgical tricks to treat dorsal defect hand

A. Raspanti, A. Poggetti, S. Ghezzi, L. Delcroix, C. Baldrighi, M. Innocenti (Firenze)

17.08-17.12 Post-operative free flap monitoring using the FLIR-ONE thermocamera connected to the I-Phone

A. M. Nucci, A.R. Rizzo, S. Marchetti, M. Scaglione, R. Capanna, S. Pfanner, A. Poggetti (Pisa, Firenze)

17.12-17.16 Post traumatic radius non-union with bone defect and advanced radiocarpal arthrosis treated with vascularized free fibula graft

A. Piperno, I. Molayem, L. L. Marcovici A. Pagnotta

17.16-17.20 Major limb replantation in the upper extremity: indications, surgical technique and complications. A litearture review

F. Masetto, D. Ciclamini°, B. Battiston°, P. Tos* ((Ivrea, °Torino, *Milano)

17.20-17.24 Anatomical study on the neurotization of the pronator teres and clinical applications

F. M. Locatelli, D. D'Aquila°, A. Sessa*, P. Tos (Milano, °Cagliari, *Bologna)

17.24-17.35 Discussion

17.35-18.35 **ROSSONI AWARD (4+1)**

President **G. Lanni**

Moderators: **M. D'Arienzo** (Palermo), **G. Carriere** (Bologna)

17.35-17.39 Proximal ulnar artery perforator flap. Anatomical study to evaluate an alternative to digital reconstructions.

G. Argentino, M. Guiotto, M. Cherubino (Varese)

17.39-17.43 External fixator to treat complex dislocations of PIP.

F. Zanotti, **F. Bagnis**, P. Pozza Paolo, M. Corain (Verona)

17.43-17.47 Total elbow prosthesis in emophilic arthropathy

D. Boncinelli, P. Bigazzi, A.R. Rizzo, M. Biondi, G. Lauri, C. Carulli, M. Innocenti, S. Pfanner (Firenze)

17.47-17.51 Radial ostetotomy, vickers ligament release and volar plate fixation in MADELUNG deformity.

A. Canovi, D. Lana°, A. Leti Acciaro°, R. Adani° (Brescia,°Modena)

17.51-17.55 Percutaneous cordotomy vs Clostridium Histolyticum injection. Follow up at 3 years

G. Ruocco, M. Ornelli, N. Felici (Roma)

17.55 – 17.59 Volar wrist crease free flap in finger digit defect reconstruction: anatomical study and case report

E. Lucattelli, L. Delcroix, S. Tanini, A. Pagnitta, M. Innocenti (Firenze)

17.59-18.03 Aponevrectomy and lipofilling in dupuytren recurrences after collagenase injection.

D. Faccio, R. Sonda, A. Monticelli, F. Messana, C.Tiengo, F. Bassetto (Padova)

18.03-18.07 How to choose the type of fixation in proximal phalanxes fractures

A. Del Chiaro, A. M. Nucci, D. Boncinelli, S.Pfanner, A. Poggetti (Pisa, Firenze)

18.07-18-11 Ulnar head dislocation: case series

A. R. Rizzo, Maura Zucchini, G. Munz, E. Francioni, S. Pfanner (Firenze)

18.11-18.15 X-ray evaluation of elbow stability

N. Migliaccio, J. Messina, F. Luceri, M. Radici, E. Rosagrata, A. Zagarella, M. Catapano, B. De Romedis, C. A. Zaolino, M. Gallazzi, P. Arrigoni, P. S. Randelli (Milano)

18.15-18.25 Discussion

FRIDAY 11 OCTOBER

AUDITORIUM

07.30/08.30 **INSTRUCTIONAL COURSE: THE TEN COMMANDMENTS IN CARPAL TUNNEL SYNDROME SURGICAL TREATMENT**

President: **R. Luchetti** (Rimini)

Moderators: **B. Battiston** (Torino), **A. Atzei** (Torino)

07.30 First carpal tunnel syndrome treatment

P. Amadio (Rochester, USA)

07.40 When surgery is necessary in patients with carpal tunnel syndrome.

R. Luchetti (Rimini)

07.50 Carpal Tunnel Syndrome correct treatment: the ten commandments role
M. Riccio (Ancona)

08.00 How to treat recurrences.
R. Adani (Modena)

08.10 – 8.30 Discussion

08.30/09.30 **FOCUS ON:**
ADVANCED DIAGNOSTIC IMAGING IN HAND SURGERY (SICM_SIRM): focus on
NERVES, TENDONS, LIGAMENTS, OSTEO-ARTICULAR NEWS

Moderators with interactive discussion by APP **Dr M. Bartolini** – **S. Pfanner** (Firenze)

NERVE advanced diagnostic imaging
P. Sottili (Firenze)

TENDON and LIGAMENT advanced diagnostic imaging
M. Bartolini (Firenze)

OSTEO-ARTICULAR advanced diagnostic imaging
A. Barile

09.30/12.00 **FOREARM AS A FUNCTIONAL UNIT: DRUJ – IOM - PRUJ**

President: **M. Ceruso** (Firenze)

Moderators: **J. Messina** (Milano), **E. Dutto** (Torino)

09.30 Forearm functional unit: modern anatomy
F. Nienstedt (Merano, BZ)

09.45 Forearm functional unit injuries
A. Colozza (Faenza, RA)

10.00 Selective acute injury treatment
B. Battiston (Torino)

10.15 Discussion

10.30 PRUJ complication treatment
R. Rotini (Bologna)

10.45 Middle third complications treatment
S. Pfanner (Firenze)

11.00 DRUJ complications treatment
R. Luchetti (Rimini)

11.15 Acute and Chronic injury of the forearm osteo-ligamentous functional and complex unit
P. Bigazzi (Firenze)

11.30 Rehabilitation and splinting in forearm complex injuries
G. Guidi (Firenze)

- 11.45/12.00 Discussion
- 12.00-13.00 **SIMPOSIUM: Malunion of Distal Radius Fractures**
Moderatori: **F. Nienstedt** (Merano, BZ), **G. Lauri** (Firenze)
- 12.00 Introduction (Indications, contraindications, timing)
F. Nienstedt (Merano- BZ)
- 12.05 Extra-Articular Osteotomies
A. Sgarbossa
- 12.15 Intra-Articular Osteotomies
G. Lauri (Firenze)
- 12.25 AS assisted intra-articular OT
R. Luchetti (Rimini)
- 12.35 The role of IPS in corrective OT
S. Schindele
- 12.45-13.00 Discussion
- 13:00 LUNCH in the exposition area
- 14:00/16.00 **CONNECTED SESSION SICM / JSSH**
Joint Session SICM/JSSH Japanese Society for Surgery of the Hand
- 14.00 -15.00 **KIENBOCK DISEASE**
Discussant: **M. Ceruso** (Firenze)
- 14.00-14.10 Kienböck disease-our treatment options and clinical results
M. Tatebe (Nagoya, Japan)
- 14.10-14.20 Surgical efficacy of radial shortening osteotomy for Kienböck's disease
Y. Matsui (Hokkaido, Japan)
- 14.20-14.30 Lunate revascularization by Hori technique in Kienböck disease
S. Pfanner (Firenze)
- 14.30-14.40 Arthroscopic approach to Kienböck's Disease
A. Atzei (Monastier-Torino)
- 14.40-15.00 Discussion
- 15.00-16.00 **Hand Reconstruction Today: pedicle flap, free flap or dermal substitute?**
Discussant: **R. Adani** (Modena)
- 15.00 Dorsal hand, Palmar hand
M. Cherubino (Varese)
- 15.10 First web space
R. Adani (Modena)
- 15.20 Finger reconstruction

H. Gotani (Osaka, Japan)

15.30 Thumb reconstruction
K. Kawamura (Nara, Japan)

15.40 Discussion

16:00/19.00 **Assemblea Soci S.I.C.M.**

FRIDAY 11 OCTOBER

GREEN ROOM

07.30/08.30 **INSTRUCTIONAL COURSE: SKIN TUMOR OF THE HAND**

President **A. Portincasa** (Foggia)

Moderators: **F. Cannavò, L. Braghiroli**

Skin tumor of the hand: Epidemiology and clinical relevance.

A. Portincasa (Foggia)

Diagnostic procedures and reconstruction techniques in soft tissue malignant tumor

M. Riccio (Ancona)

Diagnostic and therapeutic criteria in upper limb sarcoma treatment

F. Bassetto (Padova)

08.30-09.30 **FOCUS ON - AUDITORIUM**

09:30/12.00 **FREE PAPERS (5'+2')**

4th SESSION: trauma (7)

Moderatori: A. De Mas, M. Corradi

09.30-09.35 Surgical treatment of radial head fractures: our experience

G. Marsala, Roberto Redi (Arezzo)

09.35-09.40 Post-traumatic CIND: a case report.

A. R. Rizzo, D. Boncinelli, P. Bigazzi, A. Poggetti, S. Pfanner (Firenze)

09.40-09.45 Isolated volar distal ulna dislocation. A case report.

S. Briano, G. Demontis, A. Galuppi, E. Dapelo, G. Pachera (Genova)

09.45-09.50 Post-traumatic thumb and first metacarpal bone reconstruction using pollicization of the index finger or of a residual metacarpal bone.

A. Messina (Torino)

09.50-09.55 Case of dorsal hand crush-burn: from past to present.

A. Pensa, D. Risso, M. Stella (Torino)

09.55-10.00 Transosseus technique vs endobutton in distal biceps brachii tendon lesions: comparison of surgical technique.

F. Giacalone, L. Senesi, C. Baroni, E. Dutto, M. Ferrero, A. Fenoglio, Ma. Bertolini, B. Battiston (Torino)

10.00-10.05 Distal triceps tendon rupture: diagnosis and treatment

S. Briano, G. Demontis, A. Galuppi, E. Dapelo, G. Pachera (genova)

5th SESSION: Malformation (6)

Moderators: A. Landi, L. Garagnani

- 10.40-10.45 Long-term follow-up for surgical treatment of cleft hand
K. Fukumoto (Saitama, Japan)
- 10.45-10.50 Cleft Hand Correction according to Miura Technique: a case report
C. Parolo, E. Rosanda, G. E. Pajardi (Milano)
- 10.50-10.55 Lembo palmare modificato per la correzione chirurgica della sindattilia: proposta di un nuovo disegno
E. Rosanda, G. Proserpio, C. Parolo, E. Sicilia, K. Young, C. Novelli, G. E. Pajardi (Milano)
- 10.55-11.00 La separazione chirurgica della sindattilia senza innesti: la nostra esperienza
S. Pinto, L. Delcroix, F. Raspanti, M. Innocenti (Firenze)
- 11.05-11.10 Correction of radial club hand
E. Horii, Y. Hamada, T. Toyama, S. Koh°, J. Otuska° (Hirakata, °Nagoya, Japan)
- 11.10-11.15 Derotation osteotomy for Congenital Radiolunar synostosis
E. Horii, Y. Hamada, T. Toyama, S. Koh°, J. Otuska° (Hirakata, °Nagoya, Japan)
- 11.15-11.25 Consensus in Dupuytren's Disease : treatment with collagenase
Introducer **G. Pajardi**
Speakers: **M. Bertolini, C. Parolo**

**12.00- 13.00 SYMPOSIUM MIKAI
CARPAL ARTHROPATHIES**
Moderators: **M. Corain** (Verona), **A. Marcuzzi** (Modena)

In collaboration with MIKAI

- 12.00-12.08 Rhizarthrosis with double mobility prosthesis
N. Dreant (Nizza, F)
- 12.08-12.12 Discussion
- 12.12 - 12.20 TTS arthrosis with spacer
E. Carità (Verona)
- 12.20-12.24 Discussione
- 12.24 - 12.32 Intracarpal arthrodesis with Headless screws
A. Fagetti (Varese)
- 12.32-12.36 Discussion
- 12.36 - 12.44 Proximal carpectomy with capitate resurfacing
D. Smarrelli (Bergamo)
- 12.44-12.48 Discussion
- 12.48- 12.56 Wrist plate arthrodesis
A. Poggetti (Firenze)

12.56- 13.00 Discussion

13:00 LUNCH IN THE EXPOSITION AREA

FRIDAY 11 OTTOBRE

ONICE ROOM

07.30/08.30 INSTRUCTIONAL COURSE: PEDIATRIC ELBOW

President **L. Cugola** (Verona)

Moderators: **L. Pangallo, S. Briano**

07.30 Malformations and treatment

M. Ceruso (Firenze)

07.45 The Management of pediatric elbow

F. M. Senes (Genova)

08.00 The Management of sequelae

L. Cugola (Verona)

08.15 Discussion

08.30-09.30 FOCUS ON - AUDITORIUM

09:30/12.00 FREE PAPERS

9.30-10-20 6th SESSION: Carpal instability (7)

Moderators: **D. Smarrelli, B. Panero**

09.30-09.35 Scaphoidectomy and two column arthrodesis as treatment in carpal collapse: results in 18 years of experience

S. De Santis, R. Cozzolino, R. Luchetti (Lodi, Rimini)

09.35-09.40 Non arthroscopic minimally invasive proximal carpectomy

M. Carrozzo, A. Ghezzi, M. Paracuolo, G. Pajardi (Castellanza, VA)

09.40-09.45 Four corner vs three corner fusion: our experience

A. Zoccolan, M. C. Rivellino°, C. Rossello, M. Bertolotti, S. Luoni*, I. Zotta*, M. I. Rossello (Savona, °Pavia, *Genova)

09.45-09.50 Scapholunate ligament injuries associated with distal radio fractures: how to proceed?

J. C. Messina, P. Arrigoni, P. Randelli (Milano)

09.50-09.55 Scapholunate Instability: "box technique" tendon repair

R. Cozzolino, R. Luchetti (Rimini)

09.55-10.00 Scaphoid fractures with scapholunate ligament involvement. Instability or ligamentous laxity? Role of arthroscopy and pinning.

N. Della Rosa, V. Duca Vito°, E. Lancellotti*, R. Adani (Modena, °Sassuolo, MO, *Reggio Emilia)

10.00-10.05 Kakar-Greene-Garcia Elias spiral tenodesis in perilunate instability: results in 23 cases
M. Paracuolo, M. Carozzo, A. Ghezzi, G. Pajardi (Milano)

FREE PAPERS

7th SESSION: trauma (8)

Moderators: GF Merendi, M. Rosati

10.20-10.25 Early biophysical stimulation role in bone consolidation in patients with phalangeal fractures.
F. De Francesco, P. P. Pangrazi, L. Senesi, M. Riccio (Ancona)

10.25-10.30 Eternal dilemma between K wires and plate, what is the best treatment in metacarpal transverse fractures? Outcomes after 2 years follow up.
G. Rollo, **A. Pasquino**, L. Meccariello (Lecce)

10.30-10.35 Metacarpal fractures using early mobilization using locked K wires in anesthesia.
M. Palmonari, A. Vilardi, S. Campagnoni, C. Impallomeni (Imola, BO)

10.35-10.40 Intramedullary cannulated screw fixation for metacarpal fractures: our experience.
M. C. Rivellino, A. Zoccolan^o, C. Rossello^o, M. Bertolotti^o, S. Luoni*, I. Zotta*, M. I. Rossello^o (Pavia, ^oSavona, *Genova)

10.40-10.45 Metacarpal fractures: free screw and variable angle plate treatment.
A. Alibardi, V. Sepe, G. De Marinis (Latina)

10.45-10.50 Fifth metacarpal neck fractures treatment.
A. Megaro, J. Maffeis, D. Daverio, G. Milano (Brescia)

10.50-10.55 Proximal interphalangeal joint injuries in complex trauma of the hand: function recovery evaluation.
L. Senesi, A. Campodonico, P. P. Pangrazi, F. De Francesco, M. Riccio (Ancona)

10.55-11.00 Ishiguro's technique in mallet finger: our experience and case report
D. Canale, F. Masetto, M. Pettiti, L. Trifilio (Ivrea, TO)

11.00-11.20 Discussion

11.20-12.10 FREE PAPERS

8th SESSION: trauma (7)

Moderators : G. Lanni, A. Leti Acciaro

11.20-11.25 There is still space for external fixation in hand surgery? Our experience.
S. Briano, G. Demontis, A. Galuppi, E. Dapelo, G. Pachera (Genova)

11.25-11.30 Joshi's external fixation (JESS) in hand fractures
S. Odella, F. Olivero, P. Del Bo[!], U. Dacatra, M.G. Zecca, M. Cacianti, A. Crosio, F. Meta, S. Maggi, P. Tos (Milano)

11.30-11.35 Gex-finger[®] dynamic external fixation for middle phalangeal base fracture and proximal interphalangeal joint: Preliminary results.
A. Morini, G. Antonietti, E. Pataia, P. Pani, A. M. Artale, I. Pignatale, M. Rampoldi (Roma)

11.35-11.40 High-pressure injection injuries of the hand.

S. Puccini, P. G. Zampetti, G. Bucciarelli, G. Checcucci; A. Wafdy Ibrahim Ahmed (Pistoia)

11.40-11.45 Crush injury of the hand and metacarpal fractures: what to do? Case report and literature review.

F. M. Kistoris, C. Putzu, A. de Mas (Pordenone)

11.45-11.50 A rare case of divergent dislocation of elbow with associated a pure dorsal radiocarpal dislocation.

P. Battistini, C. Nesti, F. Ruggeri, F. Carnesecchi (Pontedera, PI)

11.50-11.55 Spontaneous Reverse kapandji after elbow partial amputation: clinical case

P. Bigazzi, **A. De Cicco**, M. Biondi, G. Munz (Firenze)

11.55-12.10 Discussion

9th SESSION: arthroscopy (7)

Moderators: **M. Haerle** (Markgröningen, Germania), **A. Ghezzi** (Monza, MI)

12.10-12.15 Preoperative arthroscopic planning for wrist degenerative arthrosis

J. C. Messina, R. Luchetti°, E. Carità*, A. Menon, P. Arrigoni, P. Randelli (Milano, °Rimini, *Verona)

12.15-12.20 Volar ulnar portal in distal radioulnar joint arthroscopy: news and utility.

R. Cozzolino, R. Luchetti (Rimini)

12.20-12.25 Scapho-lunate ligament arthroscopic repair: long term follow-up.

N. Della Rosa, G. Petrella, R. Adani (Modena)

12.25-12.30 Arthroscopic reconstruction in scapho-lunate instability using “spiral tenodesis”

A. Atzei, M. Esplugas*, C. Pesce° (Torino, °Monastier di Treviso, *Barcelona, Spain)

12.30-12.35 Arthroscopic out-in suture in 1b triangular fibrocartilage injury: is it necessary to prevent post-operative pronosupination?

L. L. Marcovici, E. Taglieri, I. Molayem, A. Pagnotta (Roma)

12.35-12.40 Anatomical arthroscopic all inside reconstruction (3A) of the triangular fibrocartilage complex (TFCC).

A. Atzei, R. Luchetti*, C. Pesce° (Torino, °Monastier di Treviso, *Rimini)

12.40-12.45 Arthroscopic partial trapezial resection and tendon suspensionplasty for trapeziometacarpal osteoarthritis with joint subluxation or dislocation

S. Omokawa, Y. Tanaka (Kashihara, Nara Japan)

12.45-12.50 First carpal row arthroscopic resection: surgical technical notes and early clinical experiences.

C. Pesce, A. Atzei° (°Torino, Monastier di Treviso)

12.50-13.00 Discussion

13:00 LUNCH in exposition area

- 08:00/09:30 **FOCUS ON:
PROFESSIONAL RESPONSABILITIES AND INSURANCES. WHAT HAS CHANGED WITH
THE NEW GELLI'S LAW**
President: **L. Cara**
Moderators: **L. Marzella, A. Voce**
- 8.00 INTRODUCTION AND PURPOSES. SICM COMMITMENT IN MEDICO-LEGAL PROBLEMS
L. Cara (Cagliari), **G. Caruso** (Firenze)
- 8.20 CLINICAL RISK AND PROFESSIONAL RESPONSABILITIES: CAN SAFETY BE INCREASED?
F. Venneri, *Clinical Risk Manager AUSL Toscana Centro Firenze*
- 8.40 GELLI'S LAW: WHAT HAS CHANGED IN THESE YEARS?
F. Gelli, *Presidente Fondazione Italia in Salute e dirigente ASL Toscana Centro*
- 9.00/9.30 INTERACTIVE DISCUSSION by APP
Discussore **P. Suchan**, *Procuratore capo della Procura della Repubblica di Lucca*
- 09.30/13.30 **METACARPAL AND PHALANGEAL TRAUMA AND ASSOCIATED INJURIES: REPAIR,
RECONSTRUCTION AND SALVAGE PROCEDURE**
President: **G. Caruso** (Firenze)
Moderators: **A. Lazzerini** (Milano), **A. De Mas** (Pordenone)
- 09.30-09.40 Acute metacarpal fractures treatment
A. De Mas (Pordenone)
- 09.40-09.50 Mechanical properties and clinical results of novel bioabsorbable plates for the
treatment of the metacarpal fractures
Y. Zenke (Kitakyusyu, Japan)
- 09.50-10.00 Acute phalangeal fractures treatment
A. Ghezzi (Monza, MI)
- 10.00-10.10 Treatment of marginal distal phalangeal fractures
G. Caruso (Firenze)
- 10.10-10.30 Discussion
- 10.30-10.40 Can endomedullary screw fixation improve results in phalangeal and metacarpal
fractures treatment?
A. Poggetti, A. Fagetti
- 10.40-10.50 Outcomes of new intraosseous wiring technique for unstable fractures of the proximal
phalanx of the hand
K. Moriya (Niigata, Japan)
- 10.50-11.00 Treatment of acute dislocation and fracture-dislocation

M. Corain (Verona)

11.00-11.10 Ligamentous injuries: when and how to treat.

A. Vigasio, I. Marcoccio (Brescia)

11.10-11.20 Post surgical rehabilitation in metacarpal and phalangeal fractures.

C. Viganoni

11.20-11.40 Discussion

11.40-11.50 Finger tip injuries

M. Cherubino (Varese)

11.50-12.00 Complex injuries and amputation

B. Battiston (Torino)

12.00-12.10 Soft tissue coverage and reconstruction

R. Adani (Modena)

12.10-12.30 Discussion

COMPLICATION

12.30-12.40 Extra-articular complications: reparative.

A. Lazzerini (Rozzano, MI)

12.40-12.50 Articular complications: reparative pathways.

M. Bertolini, M. Ferrero

12.50-13.00 Articular complications: substitute treatment

A. Donadelli, E. Carità

13.00-13.10 Complex Regional Pain Syndrome (CRPS): clinical, diagnostic-caring pathway and treatment.

F. Bartoli, G. Fiori

13.10-13.30 Discussion

13:30 CLOSING CEREMONY

SATURDAY 12 OCTOBER

GREEN ROOM

07.30/08.30 **INSTRUCTIONAL COURSE: UPPER LIMB 3D RECONSTRUCTION**

President: **M.I. Rossello** (Savona)

Moderators: **A. Azzarà , P.L. Merlo**

07.30 3D implants fabrication technique

C. Dottino (Milano)

07.40 Phalangeal reconstruction

G. Beltrami (Firenze)

07.50 Scaphoid total and partial reconstruction

M.I. Rossello (Savona)

08.00 Lunate total and partial reconstruction

M.I. Rossello (Savona)

08.10 3D splint fabrication

R. Pagliaro, E. M. Mancon (Milano)

08.20 Discussion

08.30-09.30 **E-POSTER SESSION**

Moderators: **A. Leti Acciario, C. Novelli**

09:30/13:30 **Free Papers (5'+2')**

09.30-10.35 **10th SESSION: MicroSURGERY**

Moderators: L. Troisi (MI), Pangrazi PP (Ancona)

09.30-09.35 Upper limb Microsurgery reconstruction: case report and review

C.Tiengo, **D. Faccio**, R. Sonda, A. Monticelli, F. Messina, F.Bassetto (Padova)

09.35-09.40 Replantation versus conservative treatment in Tamai 1-2 fingertip amputation

A. Campodonico, P.Pugliese, F. De Francesco, M. Riccio (Ancona)

09.40-09.45 Combined technique of local finger flap and partial toe flap for finger nail reconstruction

Y. Hirase, A. Okubo, H. Onozawa, M. Yagishita (Tokio, Japan)

09.45-09.50 Versatility of dorsal intermetacarpal flap in digital soft tissue injuries

E.N. Gangemi, S. Germano, A. Clemente, M.Borsetti, C. Cerato, G. Merlino, F. Bergamin (Torino)

09.50-09.55 Aesthetic and functional outcome in microsurgery upper limb reconstruction. Anterolateral flap versus Salt

M. Cherubino, A. Fagetti, F.Tamborini, D. di Giovanna (Varese)

09.55-10.00 Post-oncological custom-made elbow reconstruction using double fibula free flaps and iliac crest bone graft: preliminary study.

E. Lucattelli, L. Delcroix, M. Brogi, F. Totti, G. Beltrami, D.A. Campacci, M. Innocenti (Firenze)

10.00-10.05 Thermal camera imaging in microsurgery

G. Proserpio, L. Troisi, K. Young, E. Rosanda, C. Parolo, F. Zanchetta, G. Pajardi (Milano)

10.05-10.10 Complications and monitoring free flaps from foot to hand in pediatric population. Case report and literature review.

T. Benigno, D. Ciclamini, F. Giacalone, P. F. Pugliese, B. Battiston (Torino)

10.10-10.15 Femoral condyle corticoperiosteal flap in hand surgery: indications and results.

P. Tos, D. Ciclamini*, S. Odella, A. Crosio, E. Albo, M. Lombardo, U. Dacatra, R. Adani°, B. Battiston* (Milano, °Modena, *Torino)

11th SESSION: WA (4)

Moderators: P. Di Giuseppe, G. Rossi

10.35-10.40 WALANT vs local anaesthesia in carpal tunnel syndrome; experience of Camposampiero hospital
L. Strukul, S. Facchinelli (Camposampiero, PD)

10.40-10.45 WALANT as an anesthesia technique to help the management of hand surgery injuries.
L. Braghiroli, L. Bocchino, A. Azzarà (Terni)

10.45-10.50 Flexor tendon injuries treatment using WALANT vs traditional technique
G. Antonietti, E. Pataia, A. Morini, M. Rampoldi (Roma)

10.50-10.55 Carbossimetilcellulosa use to prevent adhesions after flexor tendon primary surgical repair using WALANT
R. Sonda, A. Monticelli, D. Faccio, G. Azzena, F. Messina, C. Tiengo, F. Bassetto (Padova)

10.55-11.05 Discussione

12th SESSION: Rhizarthrosis

Moderators: A. Marcuzzi, A. Penza

11.05-11.10 Early and painful rhizarthrosis treated using a spacer.
G. Rovere, C. Fulchignoni, S. Inciocchi, D. Tagliente, F. Lucarini, G. Maccauro, A. Castagnaro (Roma)

11.10-11.15 Pyrodisk spacer rhizarthrosis treatment. Our experience.
A. Marcuzzi, D. Lana, A. Canovi, R. Adani° (Brescia, °Modena)

11.15-11.20 Regjoint bioresorbable Spacer in first CMC joint arthroplasty: our first 20 cases
M. Menini, A. G. M. Merello (Genova)

11.20-11.25 F Brunelli's ligamentoplasty in rhizarthrosis treatment: clinical results and nine years follow up.
C. Fulchignoni, L. Rocchi, G. Merendi, A. Morini, F. Brunelli° (Roma, °Parigi, F)

11.25-11.30 rhizarthrosis surgical treatment: case review and comparative analysis after trapeziectomy and ligamentoplasty
E. Pataia, G. Antonietti, A. M. Artale, A. Morini, P. Pani, M. Rampoldi (Roma)

11.30-11.35 History of a surgical technique born by chance "reduction arthroplasty"
C. Badoino (Genova)

11.35-11.40 Why choosing trapeziometacarpal joint replacement and how to get benefit: preliminary study
R. Figura, N. Galvano, **A. Cioffi**, G. E Vigni, S. Rondello, L. Stramazzo, D. Mazzotta, V. Manuri, G. Rovere, A. Galvani, A. D'Arienzo, L. Camarda, M. D'Arienzo (Palermo)

11.40-11.55 Discussion

13th SESSION: Nerve (6)

Moderators: P. Tos, A. Poggetti

11.55-12.00 Neuromas of nervous collateral branches as median nerve neurolysis complication in carpal tunnel syndrome treatment: 9 patient case report.

C. Rugiero, P. Di Sette, M. Dury, E. Rapp (Strasbourg, F, Roma)

12.00-12.05 Nerve ultrasonography and microsurgery agreement in traumatic peripheral nerve injury

A. Donadelli, E. Carità, M. Laterza, G. Zanette (Verona, Peschiera del Garda, VR)

12.05-12.10 Cut-off Threshold of ulnar nerve cross-sectional area for identifying ulnar neuropathy at the elbow and optimal measurement Level by MRI and ultrasonography.

Y. Terayama, N. Iwakura, H. Kato (Tokyo, Japan)

12.10-12.15 Chitosan tube enriched with fresh skeletal muscle fibers for delayed repair of nerve defect: experimental study

A. Crosio, G. Ronchi°, S. Raimondo°, B. E. Fornasari°, G. Gambarotta°, B. Battiston°, S. Geuna°, P. Tos (Milano, °Torino)

12.15-12.20 Nerve regeneration using biological tubulization with AMCG (amniotic muscle combined graft) technique: from laboratory to clinic.

M. Riccio, A. Marchesini, P.P. Pangrazi, A. Campodonico, F. De Francesco (Ancona)

12.20-12.25 Nerve capping with a nerve conduit for the treatment of painful neuroma in a rat model

E. Onode, T. Uemura, K. Takamatsu, K. Shintani, T. Yokoi, M. Okada, H. Nakamura (Osaka, Japan)

12.25-12.40 discussion

13 SESSION: Nerve (7)

Moderators: C. Tiengo, M. Ornelli

12.40-12.45 Anatomical correlation of deep branch of the ulnar nerve and Kaplan's line.

A. L. Costa, M. Romeo°, A. Fazio, M. R. Colonna (Messina, °Palermo)

12.45-12.50 Nerve graft vs nerve transfer in brachial plexus palsy.

N. Felici, G. Ruocco, F. Chianetta, I. Ponzo, M. Ornelli (Roma)

12.50-12.55 Palmaris longus tendon transfer pro flexor pollicis longus in anterior interosseous nerve post-traumatic syndrome

F. Raspanti, S. Pinto, L. Delcroix, A. Raspanti, M. Innocenti (Firenze)

12.55-13.00 Endoscopic surgery in carpal tunnel syndrome: retrospective study in 1473 surgical procedures.

P. Quaglietta (Cosenza)

13.00-13.05 Functional outcome comparison after total median or ulnar nerve lesion in patients treated for distal third forearm, wrist and hand traumatic complex injuries.

L. Maltesi, L. Soddu, R. Mammoliti, L. Cara (Cagliari)

13.05-13.10 Recurrent or persistent Carpal tunnel syndrome? Our experience.

F. Messana, A. Monticelli, R. Sonda, D. Faccio, G. P. Azzena, C. Tiengo, F. Bassetto (Padova)

13.10-13.30 Discussione

SATURDAY 12 OCTOBER**ONICE ROOM****07.30/08.30 INSTRUCTIONAL COURSE: WHAT'S NEW IN CONGENITAL HAND TREATMENT: TECHNIQUES AND NEW SOLUTIONS**President **C. Novelli**Moderators **A. Landi, G. E. Pajardi**

07.30-07.38 Pollicization: a new approach

C. Baldrighi

07.38-07.46 Hand deformity: temporary or definitive correction

F. M. Senes (Genova)

07.46-07.54 Madelung deformity

L. Garagnani (Londra, UK)

07.54-08.02 Macroductyly what is certain and new frontiers

C. Novelli

08.02-08.10 Camptodactyly treatment

M. Lando

08.10-08.20 Tips and tricks in duplicate thumb correction.

M. Corain (Verona)

8.20-8.30 Discussion

08:30/11.30 **SIMI CONGRESS**11.30/13.30 **FREE PAPERS (5'+2')**11.30/12.40 **14 SESSION : Miscellanea****Moderators: E. Pataia, F. Cannavò**

11.30 ADIPO-MICRO-GRAFT: New application in hand surgery.

M. Riccio, F. De Francesco, A. Marchesini (Ancona)

11.35 Matriderm in post-traumatic digital hand soft tissues loss.

C. Fulchignoni, M. Cauteruccio, L. Rocchi, G. Merendi (Roma)

11.40 Finger rescue using induced membrane technique for osteomyelitis of the hand

T. Toyama (Osaka, Japan)

11.45 When the A1 and A2 pulley join release can help the trigger finger treatment?

L. Mingarelli, L. Rocchi, V. Strigelli, G. Merendi, G. Fioravanti, **C. Fulchignoni**, F. Fanfani (Roma)

11.50 A new technique to determine the tension in extensor pollicis longus reconstruction

H. Kato, F. Kamoi, M. Kondo, M. Hayashi, K. Kuniyoshi, S. Uchiyama (Matsumoto, Japan)

11.55 Palliative tendon transfer in the thumb extension recovery: comparison of EIP and BR

12.00 **P. P. Pangrazi**, F. De Francesco, P. Pugliese, A. D. Neuendorf, A. Campodonico, A. Aquinati, A. Marchesini, M. Riccio (Ancona)

12.05 Flexor Digitorum Profundus (FDP) of IV finger lesion in a 11 years old patient: case report and review
M. Brusoni, C. Caggiari, F. Polese, M. Manca (Sassari, Lido di Camaiore, LU)

12.10 Dupuytren's disease: cost-benefit analysis of three techniques compared.

F. Mosetto, C. Cerato°, M. Pettiti, D. Canale, U. Scarlato, F. Bergamin° (Ivrea, TO, °Torino)

12.15 Needle aponeurotomy for Dupuytren's disease: functional outcome until 11 years follow up.

M. Cacianti, M. Ghezzi, M. Lombardo, F. Meta, M. G. Zecca, P. Tos (Milano)

12.20 Discussion

12.40/13.30 **15 SESSION: Miscellanea**

Moderatori: L. Marzella, S. Odella

12.40 Long-term follow-up for rheumatoid arthritis patients in outcomes of metacarpophalangeal joint arthroplasty

H. Ikegami, T. Shintaka, S. Yoshizawa, H. Ishi, Y. Musha, T. Kaneke (Tokyo, Japan)

12.45 Epidemiological study of animal bites, "A relationship of animal bites and full moon"

S. Taichi, Y. Zenke, TOMOKI UZU, YOSHIKI OKADA, TAKAFUMI TAJIMA, YOSHIKI YAMANKA, AKINORI SAKAI (Kitakyushu, Fukuoka, Japan)

12.50 Notta's disease: our experience with conservative treatment

L. Maltesi, D. Sini, D. D'Aquila, V. Setzu, L. Soddu, L. Cara (Cagliari)

12.55 Anatomical and biomechanical study of the interosseous membrane of the forearm: pathogenesis of proximal migration of the radius

E. Gerace, **P. L. Bonucci°**, **V. Corni***, **E. Richard°°** (Ferrara, °Modena, Samedan, Svizzera, °°Nimes, F.)

13.00 Recurrent epitrochleitis: surgical techniques review, therapeutic algorithm and open surgical treatment.

L. Pangallo, **F. Bagnis**, P. Pozza, M. Corain (Verona)

13.05 Forearm pronosupination strength: preliminary study

I. Pichierri, J. Messina, **N. Migliaccio**, F. Luceri, C. E. Zaolino, D. Cucchi, M. Radici, P. Arrigoni, P. S. Randelli (Milano, Bonn, Germany)

13.10 175 cases of hand vascular anomalies. Treatment strategies and results.

P. Di Giuseppe, R. Matassi (Castellanza, VA)

13.15 Discussion

13.30 **CLOSING CEREMONY**

E-POSTERS

TRASPOSIZIONE DEL TENDINE ESTENSORE PROPRIO DEL II DITO PER ROTTURA INVETERATA DEL TENDINE ESTENSORE LUNGO DEL I DITO DELLA MANO.

12 CASI CLINICI

G. Sperati (Castiglione dei Pepoli, BO)

Artrodesi 4 angoli: risultati preliminari con tecnica a 2 viti incrociate retrograde

D. Ghargozloo, M. Ballerini, G. Chitoni (Esine, BS)

Osteomileite cronica di ulna: caso clinico

D. Ghargozloo, M. Ballerini, G. Chitoni (Esine, BS)

VANTAGGI DEL TRATTAMENTO CON ARTODESI CARPALE PARZIALE PER SNAC DI TIPO 3: FOLLOW UP A 5 ANNI

G. Rollo, M. Bisaccia°, G. Rinonapoli°, G. A. Pasquino, A. Tomarchio*, L. Roca, **V. Pace**°, P. Piccheri M. Giaracuni, L. Meccariello (Lecce, Perugia°, Cuneo*)

USO DI "FIXED-ANGLE VOLAR LOCKING-PLATE" PER OSTEOTOMIA CORRETTIVA DI MALUNION DI FRATTURE DISTALI DI RADIO. RISULTATI CLINICI E RADIOLOGICI

V. Pace, R. Rosati°, D. Bhagawati* (Perugia, Città di Castello°, Luton, UK°)

A THREE-DIMENSIONAL ANALYSIS OF THE SIGMOID NOTCH OF THE RADIUS

N. Yamamoto, K. Kuriyama°, T. Kataoka°, Y. Yasui° (Hiroshima, °Osaka, Japan)

COMPUTER SIMULATED OSTEOCHONDRAL AUTOGRAFT TRANSPLANTATION FOR DIETERICH'S DISEASE: A CASE REPORT

Y. Yasui, K. Kuriyama°, T. Kataoka, N. Hosono, M. Hamada (Osaka, Toyonaka°, Japan)

CLINICAL RESULTS OF ARTHROSCOPIC REPAIR FOR THE FOVEAL DISSOCIATION OF TFCC INJURY

K. Tomita, Y. Kubota, K. Kubo, J. Ikeda, K. Kawasaki, K. Inagaki (Tokio, Yokohama, Japan)

Surface Replacement Arthroplasty of the Proximal Interphalangeal Joint: -Osteoarthritis versus Rheumatoid-

K. Yutaka, T. Kazunari, K. Keikichi, I. Katsunori (Tokyo, Japan)

ASSESSMENT OF METACARPAL SUBSIDENCE AFTER LIGAMENT RECONSTRUCTION AND SUTURE BUTTON SUSPENSIONPLASTY USING ZIP-TIGHT FOR THUMB CARPOMETACARPAL JOINT OSTEOARTHRITIS

Y. Sogabe, Y. Morimoto, A. Kawabata, K. Takamatsu (Osaka, Japan)

MECHANICAL STATES OF BONE TISSUES AROUND ULNAR COMPONENT IN UNLINKED TEA

A. Morohoshi, N. Hiroki, K. Kawasaki, K. Inagaki (Yokohama, Japan)

CREATION OF AN ASSISTIVE DEVICE FOR COLLAGENASE CLOSTRIDIUM HISTOLYTICUM INJECTION THERAPY FOR DUPUYTREN CONTRACTURE

K. Kuriyama, T. Kataoka, Y. Yasui, H. Tanaka, S. Abe, H. Yoshikawa, T. Murase (Osaka, Japan)

A less-invasive vascularized bone grafting technique for scaphoid nonunion

K. Kawasaki, A. Morohoshi, K. Inagaki (Yokoama, Japan)

A NOVEL TECHNIQUE FOR ENDOSCOPIC CARPAL TUNNEL RELEASE - DISTAL ONE PORTAL TECHNIQUE

M. Inoue, T. Tsuruta, H. Mine (Ogi City, Japan)

INSUFFICIENT REDUCTION OF DORSAL ROOF FRAGMENTS ASSOCIATE CLINICAL OUTCOME IN DISTAL RADIUS FRACTURES

Y. Morimoto, Y. Sogabe, A. Kawabata, K. Takamatsu (Osaka, Japan)

PARALLEL PLATE FIXATION FOR DISTAL HUMERAL FRACTURE: COMPUTER SIMULATION TO DETERMINE THE APPROPRIATE SCREW INSERTION SEQUENCE

T. Kataoka, Y. Yasui, K. Kuriyama, J. Namba, T. Murase (Osaka, Japan)

ESOSTOSI SOLITARIA DELLA FALANGE INTERMEDIA DEL III DITO DELLA MANO

S. Grassi, **G. Vitale**, L. Cotticelli, G. D'Amelio, S. Rocco, G. Auriccio (Atripalda, AV)

NUOVA TECNICA DI RIMODELLAMENTO DEL LEMBO CORTICOPERIOSTALE DI CONDILO MEDIALE FEMORALE NELLA RICOSTRUZIONE DI POLLICE IN ESITI DI OSTEOMIELETTITE DI PRIMA FALANGE

C. Rossello, A. Zoccolan, A. Antonini, S. Luoni°, M. C. Rivellino*, M. Bertolotti, G. Burastero**, M. I. Rossello (Savona, Genova°, Pavia*, Albenga. SV**)

SINDROME DI VOHWINKEL: CASE REPORT

G. Rovere (Roma)

Evaluation of the load distribution on the articular surface with first metacarpal osteotomy using finite element method

Y. Tanaka (Fukuota, Japan)

STUDIO PROSPETTICO MULTICENTRICO SULLA PROTESI TOTALE DI POLSO MOTEC

L. Cugola, A. Donadelli, E. Carità, R. Testoni, D. Romani, N. Collini, C. Melchior, M. Corain, M. Pavoni, R. Mele, P. Margara (Verona, Peschiera del Garda, Udine, Conegliano, Vigevano)

Le complicanze dell'osteosintesi interna nelle fratture dell'estremità distali del radio: review della letteratura ed esperienza personale 2006-2018

A. Tomarchio, D. Greco, A. G. Gulisano°, L. Piovani (Cuneo, Boves, CN)

UN NUOVO PROTOCOLLO RIABILITATIVO NEI PAZIENTI TRATTATI PER MORBO DI DUPUYTREN: LA NOSTRA ESPERIENZA

L. Senesi, A. D. Neuendorf, A. Marchesini, F. De Francesco(a), E. Romani, O. Serpilli, M. Riccio (Ancona)

Di un caso di frattura-lussazione transcafo transtriquetto perilunare dorsale del carpo: ancora e quando valido il semplice pinning percutaneo?

G. Vena, P. Guzzi, **G. Greco** (Cosenza)

Epicondilite cronica dolorosa: trattamento, casistica e risultati

S. Montanari, L. Pangallo, R. Sartore, M. Corain (Verona)

ARTROPROTESI TOTALE DEL GOMITO IN ESITI POST-TRAUMATICI COMPLESSI: INDICAZIONI LIMITE- LA NOSTRA ESPERIENZA

L. Pangallo, **P. Pozza**, F. Bagnis, L. Cugola, M. Corain (Verona)

Il trattamento chirurgico della lesione distale del bicipite brachiale

A. Vitali, L. Martini, G. Caruso, L. Preziuso, P. Bagnoli (Firenze)

Un anno di decompressioni endoscopiche del tunnel carpale

K. Young, J. H. Reinhold, D. Molinaro, E. Rosanda, L. Troisi, G. Pajardi (Milano)

Gestione della instabilità acuta di gomito associata a frattura omolaterale del radio distale. Casi clinici e review della letteratura

L. Marzona, R. Nati, P. Marino, P. Gabellieri, B. Violi (Massa)

TECNICA PELLEGRINI-BURTON MODIFICATA NEL TRATTAMENTO DELLA RIZOARTROSI

A. Piperno, E. Taglieri, I. Molayem, L. L. Marcovici, A. Pagnotta (Roma)

Radio-ulnare distale: lussazioni acute volari isolate irriducibili

E. Dutto, J. Teodori, M. Ferrero, F. Giacalone, S. Artiaco, B. Battiston (Torino)

LE INSTABILITA' CARPALI DA LESIONE DEL LEGAMENTO SCAFOLUNATO

L. L. Marcovici, I. Molayem, F. Saltalamacchia, A. Pagnotta (Roma)

IL TRATTAMENTO CHIRURGICO DELLE LUSSAZIONI PERILUNARI DEL CARPO: ESPERIENZA CLINICA M. Savoini, C. Cataldi, V. R. Corbo, **E. Crainz** (Siena)

Flemmone suppurativo diffuso della mano: trattamento di due casi

D. Canale, F. Masetto, M. Pettiti, L. Trifilio (Ivrea, TO)

Esiti di reimpianto di avambraccio con rottura della placca radiale e trattamento chirurgico con innesto di osso da cadavere e PRP: Case report.

L. Caruso, M. Fusco, I. Ponzo (Napoli)

Dislocazioni carpali assiali: case report di dislocazione assiale radiale

P. L. Merlo, I. Illuminati, A. De Mas (Udine)

Il trattamento delle non union di falangi e metacarpi della mano mediante innesto osseo autologo, fissazione esterna e stimolazione biofisica

P. L. Bonucci, E. Gerace*, M. Marcialis, D. Di Mambro, E. Taglione°, G. Cristiani (Modena, °Volterra, PI, *Ferrara)

ROTTURA TIPICA DI PROTESI TOTALE DI GOMITO

D. Boncinelli, I. Felici, G. Munz, A. Poggetti, P. Bigazzi (Firenze)

Prolonged Chronic Monteggia Lesion Treated by Corrective Osteotomy of Ulna with Radial Shortening

H. Kimura, A. Seki, T. Suzuki., N. Matsumura, T. Iwamoto, K. Sato, M. Nakamura, M. Matsumoto (Tokyo, Japan)

Total finger arthroplasty using costal osteochondral autograft for finger joint ankylosis: long-term clinical outcomes up to 11 years of follow-up

K. Sato, T. Iwamoto, T. Suzuki, H. Kimura (Tokyo, Japan)

4 cases of pediatric diaphyseal refracture of the forearm bone

K. Onishi, Y. Morimoto, Y. Sogabe, A. Kawabata, K. Takamatsu (Osaka, Japan)

Nail Reconstruction in degloving injury of thumb and fingers by Twisted Wrap-around flap
Y. Hirase, A. Okubo, H. Onozawa, M. Yagishita (Tokio, Japan)