



6-10 June 2022 | ExCeL, London, UK











Martedì, 7 giugno 2022

How I manage failed TFC repairs Andrea Atzei Italy	main'	invited talk	S004 IWAS Tuesday 08:30-10:00 Room Surg 02
How I release the stiff wrist Riccardo Luchetti Italy	main'	invited talk	S004 IWAS Tuesday 08:30-10:00 Room Surg 02
Adaptability of the PULP (proximal ulnar lateral perforator) free flap in cutaneous defects of hand fingers: retrospective study on a caseseries F. Paganini, F. Tamborini, F. Locatelli, T. Baroni, L. Garutti, E.Bascialla, M.Cherubino Circolo Hospital, University of Insubria, Varese, Italy	surgeon	podium talk	S008 Microsurgical reconstruction: flap design and cover Tuesday 08:30-10:00 Room Surg 06
Custom-made cement spacer to replace a PIP infected prosthesis: a case report and review of therapeutical options Vincent Mazzone, Camillo Fulchignoni, Federica Braidotti Hand Surgery and Orthopaedic Unit, department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli IRCCS, Roma, Italy; Fisiomano, Treviso, Italy	surgeon	podium talk	S009 Infections of the hand and wrist Tuesday 08:30-10:00 Room Surg 07
MSAP flap as gliding nerve tissue transfer: anatomical study and clinical application Pierfrancesco Pugliese, Francesco De Francesco, Andrea Campodonico, Pier Paolo Pangrazi, Andrea Antonini, Michele Riccio Plastic and Reconstructive Surgery, Department of Surgical, Oncological and Oral Sciences, University of Palermo, Palermo, Italy; Department of Reconstructive and Hand Surgery, AOU "Ospedali Riuniti", Ancona, Italy; Department of Infectious Disease and Septic Orthopedics, S. Corona Hospital, Pietra Ligure, Italy	surgeon	podium talk	S177 Anatomy of the peripheral nerve Tuesday 10:30-11:30 Room Surg 05















First-in-human application of the new silk fibroin nerve conduit SilkBridge®: preliminary results M Calcagni, R Labèr, N Huber, GA Bassani, G Freddi, A Alessandrino, F Früh Dep of Plastic Surgery and Hand Surgery, University Hospital Zurich; Silk Biomaterials Srl, Lomazzo (CO), Italy	surgeon	podium talk	S016 Peripheral nerve studies Tuesday 11:30-12:30 Room Surg 05
Intraoperative ultrasound of nervous lesions: applications and perspectives from a case series Alessandro Crosio, Michele DM Lombardo, Francesco Locatelli, Lucia Verga, Simona Odella, Pierluigi Tos Orthopedic Institute Gaetano Pini, Milan, Italy; Residency program in Orthopedics and Traumatology, University of Milan, Milan	surgeon	podium talk	S016 Peripheral nerve studies Tuesday 11:30-12:30 Room Surg 05
The "Box" reconstructive technique for complete lesions of the scapho-lunate ligament Luchetti Riccardo, Cozzolino Roberto, Montanari Sara, Marcovici Lucian Lior, Atzei Andrea Rimini Hand Surgery & Rehabilitation Center, Rimini, Italy; Hand & Microsurgery Unit, Jewish Hospital of Rome, Rome, Italy; PRO-Mano, Treviso, Italy	surgeon	podium talk	S018 Outcomes in wrist surgery Tuesday 11:30-12:30 Room Surg 06
Rationale of the custom-made lunate prosthesis with a new original technique of intrinsic and extrinsic stabilization Simona Odella, Ignazio Marcoccio, Francesco Locatelli, Jacopo Flore, Alessandro Crosio, Michele Lombardo, Pierluigi Tos ASST Pini Cto, UOC Chirurgia della Mano e Microchirurgia Ricostruttiva, Milano, Italy	surgeon	podium talk	S034 Carpal injuries 1 Tuesday 14:00-15:00 Room Surg 07
Comparison between dorsal capsuloplasty techniques for chronic injuries of the scapho-lunate ligament: Viegas vs Berger Julien Teodori, Norman Della Rosa, Giovanna Petrella, Davide Gravina and Roberto Adani Policlinico di Modena, Modena, Italy	surgeon	podium talk	S034 Carpal injuries 1 Tuesday 14:00-15:00 Room Surg 07
Long-term follow-up of scapho-lunate reconstruction with the DRAW technique Norman Della Rosa, Julien Teodori, Giovanna Petrella, Davide Gravina and Roberto Adani Policlinico di Modena, Modena, Italy	surgeon	podium talk	S034 Carpal injuries 1 Tuesday 14:00-15:00 Room Surg 07















Complex microsurgical reconstruction of the upper extremity Pierluigi Tos Italy	main	invited talk	S014 Advanced Microsurgery Tuesday 14:00-16:00 Room Surg 02
Arthroscopy in pre-operative planning of Wrist Osteo-arthritis Jane C Messina, Riccardo Luchetti, Paolo Arrigoni, Alessandra Menon, Pietro S Randelli Gaetano Pini- CTO Orthopaedic Institute, First Orthopaedic Clinic at University of Milan, Milan, Italy; Rimini Hand Centre, Rimini, Italy	surgeon	podium talk	S032 Arthroscopic Assessment Tuesday 14:00-15:00 Room Surg 06
Comparison between MRI and Arthroscopy of the Wrist for the Assessment of Posttraumatic Lesions of Intrinsic Ligaments and the Triangular Fibrocartilage Complex Sergio De Santis, Roberto Cozzolino, Riccardo Luchetti, Lucia Cazzoletti Hand Surgery Unit, Gaetano Pini, Milano, Italy; Rimini Hand Surgery and Rehabilitation Center, Rimini, Italy; Department of Diagnostics and Public Health, Section of Epidemiology and Medical Statistics, University of Verona, Verona, Italy	surgeon	podium talk	S032 Arthroscopic Assessment Tuesday 14:00-15:00 Room Surg 06
3D printed carpal bone replacements with integrated ligament reconstruction Mario Igor Rossello Italy	main	invited talk	S140 Technology in Hand Surgery Tuesday 16:30-18:30 Room Surg 01
A new evaluation system for total wrist arthroplasty: our experience Irene Zotta, Andrea Zoccolan, Davide Greco, Simone Luoni, Mario Igor Rossello Hand Surgery Department, Ospedale San Paolo, Savona, Italy; Orthopaedic Clinic, Department of Surgical Sciences (DISC), Ospedale Policlinico San Martino, University of Genoa, Genoa, Italy	surgeon	podium talk	S044 Wrist arthroplasty Tuesday 16:30-17:30 Room Surg 07
When to use WALANT technique: current literature indications and a single center experience Pierfrancesco Pugliese, Francesca Toia, Fernando Rosatti, Giovanni Maria D'Antonio, Luigi Montesano, Massimiliano Tripoli, Adriana Cordova	surgeon	podium talk	S018 Outcomes in wrist surgery





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Plastic and Reconstructive Surgery, Department of Surgical, Oncological and Oral Sciences, University of Palermo, Italy		Tuesday 11:30-12:30 Room Surg 06

Relazioni dei Fisioterapisti

A new conservative approach for early stage of carpometacarpal joint osteoarthritis Irene Zotta, Maria Teresa Botta, Andrea Zoccolan, Carlo Rossello, Maria Concetta Rivellino, Mario Igor Rossello Hand Surgery Department, Ospedale San Paolo, Savona, Italy; Orthopaedic Clinic, Department of Surgical Sciences (DISC), Ospedale Policlinico San Martino, University of Genoa, Genoa, Italy	therapist	podium talk	S024 Arthritis Free papers Tuesday 10:30-12:30 Room Ther 09
Management of Stiff Elbow Silvio Tocco Italy	therapist	invited talk	S063 Elbow IOM Tuesday 16:30-18:30 Room Ther 09





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Mercoledì, 8 giugno 2022

Indications and options for Local flaps of the hand Giovanna Petrella Italy	main	invited talk	S049 Soft tissue cover Wednesday 08:00-10:00 Room Surg 01
Dorsally displaced distal radius fractures: introduction of Pacetti's line as radiological measurement to predict dorsal fracture displacement Valerio Pace, Riccardo Maria Lanzetti, Teresa Venditto, Chang Park, Woo Jae Kim, Giuseppe Rinonapoli, Auro Caraffa AOSP Terni, Italy; University of Perugia, Italy; North West Thames London, United Kingdom; St Mary's Hospital London, United Kingdom	surgeon	podium talk	S055 Distal Radial fractures 1 Wednesday 09:00-10:00 Room Surg 07
Major nail trauma non microsurgical techniques Pierluigi Tos Italy	main	invited talk	S066 Nailbed injuries and related disorders Wednesday 11:00-12:30 Room Surg 03
classification and surgical treatment of Ulnar sided pain Andrea Atzei Italy	main	invited talk	S062 Ulnar- sided wrist pain and DRUJ Wednesday 11:00-12:30 Room Ther















Ethics in innovations and their publications 1 Roberto Adani Italy	main	invited talk	S067 Publishing in Hand Surgery Wednesday 11:00-12:30 Room Surg 04
Extension Block Pinning vs Single Kirshner Wiring to treat Bony Mallet Finger. A Retrospective Study Rocchi Lorenzo, Fulchignoni Camillo, Merendi Gianfranco, De Vitis Rocco, Pagliei Antonio, Tulli Antonio, & Mazzone Vincent Hand Surgery and Orthopedics Unit, Department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome Italy	surgeon	podium talk	S170 Metacarpal Fractures Wednesday 11:00-12:00 Room Surg 06
Approach to TFCC Andrea Atzei Italy	main	invited talk	S071 Ulnar sided wrist pain Wednesday 14:00-15:00 Room Surg 04
Carpo-metacarpal II-IV joint injuries: Tips and tricks Pierluigi Tos Italy	main	invited talk	S068 Hand Fractures 1 Wednesday 14:00-16:00 Room Surg 01
Ulna impaction Riccardo Luchetti Italy	main	invited talk	S072 DRUJ Wednesday 15:00-16:00 Room Surg 04















Hyperselective Neurectomy for the Treatment of Upper Limb Spasticity in Adults and Children: a Prospective Study Paolo Panciera, Anne Perruisseau-Carrier, Mathilde Gras, Camillo Fulchignoni, Marcello Fulchignoni, Caroline Leclercq Ospedale Villa Salus, Mestre/Venice, Italy; Centre Hospitalier Universitaire de Brest, Brest, France; Institut de la Main, Paris, France; Policlinico Gemelli, Universita` Cattolica del Sacro Cuore, Rome, Italy; Universite´ de Paris, Paris, France	surgeon	podium talk	S076 Spasticity 2- nerve procedures Wednesday 15:00-16:00 Room Surg 06
Nerve transfers in the spastic upper limb: an anatomical study Charlotte Jaloux, Nathalie Bini, Charlotte Waxweiler, Caroline Leclercq Hopital de la Timone Marseille, France; CTO Torino, Italy; CHU de Liège, Belgium; Institut de la Main, Paris, France	surgeon	podium talk	S076 Spasticity 2- nerve procedures Wednesday 15:00-16:00 Room Surg 06
Monolithic metacarpal anchored titanium 3D printed prosthesis for amputated thumb reconstruction Leopoldo Caruso, Monica Ciminello, Angela Penza, Mauro Fusco, Ida Ponzo UOC Chirurgia della mano e dei Nervi Periferici, Ospedale dei Pellegrini, ASL Napoli, Dir. Angela Penza Napoli, Italy; Italian Aerospace Research Centre, Capua, Caserta, Italy; Ortopedia e Traumatologia, Fondazione Policlinico Universitario A. Gemelli IRCCS Università Cattolica del Sacro Cuore, Roma, Italy	surgeon	podium talk	S172 Amputation & Prosthesis Wednesday 16:30-17:30 Room Surg 05
Salvage of advanced carpal collapse: proximal row carpectomy with pyrocarbon resurfacing of the capitate versus four-corner arthrodesis Francesco Giacalone, Matteo Ferrero, Elisa Dutto, Maddalena Bertolini, Alessandro Fenoglio, Bruno Battiston CTO Hospital, Torino, Italy	surgeon	podium talk	S174 Arthritis 3 Free papers Wednesday 16:30-17:30 Room Surg 06
Multimodal control of robotic hand prostheses and 3D printing: a resource for revolutionary hand prosthetics Franco Bassetto, Manfredo Atzori, Cesare Tiengo, Diego Faccio, Matteo Cognolato, Nicola Petrone, Henning Müller	surgeon	podium talk	S172 Amputation & Prosthesis















University of Padova, Italy; University of Applied Sciences Western Switzerland, Sierre, Switzerland			Wednesday 16:30-17:30 Room Surg 05
A modified lateral approach to the PIP joint to implant silicone prosthesis: over 20 years of experience Vincent Mazzone, Camillo Fulchignoni, Federico Terribile, Valeria Palermi Hand Surgery and Orthopaedic Unit, department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli IRCCS, Roma, Italy; Hand Team Adriatico, Ascoli Piceno, Italy	surgeon	ePoster	S175 PIP J arthritis Wednesday 17:30-18:30 Room Surg 06
All-inside Anatomic Arthroscopic (3A) reconstruction of irreparable TFCC tear Andrea Atzei, Fabio Andrés Tandioy-Delgado, Lucian Lior Marcovici, Fabiana Necci, Riccardo Luchetti PRO-Mano, Treviso, Italy; Clinica las Américas, Medellin, Antioquia, Colombia; Hand & Microsurgery Unit, Jewish Hospital, Rome; Hand & Microsurgery Unit, Ospedale CTO "A. Alesini", Rome; Centro di Chirurgia della Mano, Rimini	surgeon	podium talk	S173 Arthroscopy of the ulnocarpal joint Wednesday 17:30-18:30 Room Surg 05





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Giovedì, 9 giugno 2022

Mutilating hand injuries Massimo Corain Italy	main	invited talk	S094 Paediatric trauma Thursday 08:00-10:00 Room Surg 03
Results after treatment of congenital radioulnar synostosis: a systematic review and pooled data analysis Sebastian Farr, Sitanshu Barik, Giovanni Gallone, Paola Zarantonello, Giovanni Trisolino, Giovanni Luigi Di Gennaro Orthopedic Hospital Speising, Vienna, Austria; All India Institute of Medical Sciences, Rishikesh, Uttarakhand, India; IRCCS Istituto Ortopedico Rizzoli, Bologna, Italy	surgeon	podium talk	S100 Congenital: Forearm Anomalies Thursday 08:00-09:00 Room Surg 07
PIP joint fractures-dislocations. Modified dynamic external fixator: advantages and outcomes Tosi Daniele, Delle Femmine Pietro Francesco, Cappelli Lucio, Ornelli Matteo, Felici Nicola Hand and Microsurgery Department, San Camillo Hospital, Rome, Italy	surgeon	podium talk	S099 Injuries of the digits Thursday 08:30-10:00 Room Surg 06
Capitate Pyrocarbon Resurfacing (RCPI) could improve outcomes of Proximal Row Carpectomy in the treatment of secondary Wrist Arthritis in Active Workers Rocchi Lorenzo, De Vitis Rocco, Taccardo Giuseppe, Fulchignoni Camillo, Passiatore Marco, Cilli V, Marcuzzi Augusto, Mazzone Vincent Hand Surgery and Orthopedics Unit, Department of Orthopaedics and Traumatology, Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome Italy; Hand Surgery Unit, CHIREC site Delta, Bruxelles, Belgium; Department of Hand Surgery, Modena University Hospital, Modena, Italy	surgeon	podium talk	S021 Wrist Thursday 09:00-10:00 Room Surg 05















Vascularized bone graft reconstruction Marco Innocenti Italy	main	invited talk	S176 Microsurgical Reconstruction of the Hand and Upper Extremity with the Masters Thursday 11:00-12:30 Room Surg 05
FESSH SoMe Oscar Awards Thomas Apard, Francesca Toia France, Italy	main'	invited talk	S111 Social Media in Hand Surgery Thursday 11:00-12:30 Room Surg 04
Arthroscopic Distal Scaphoid Resection for Scapho-Trapezium- Trapezoid Arthritis Riccardo Luchetti, Andrea Atzei, Roberto Cozzolino Rimini Hand Surgery & Rehabilitation Center, Rimini, Italy; PRO-Mano, Treviso, Italy	surgeon	podium talk	S119 Arthroscopy in the hand and wrist Thursday 14:00-15:00 Room Surg 06
Single-access endobutton technique vs double-access transosseous technique in the treatment of distal biceps tendon ruptures Francesco Giacalone, Arman Sard, Davide Ciclamini, Bruno Battiston CTO Hospital, Torino, Italy	surgeon	podium talk	S135 Sports: hand and wrist Thursday 15:00-16:00 Room Surg 07
Single portal endoscopic fasciotomy for chronic exertional compartment syndrome of the forearm: results up to 12 years follow up Michele DM Lombardo, Loris Pegoli Hand Sport Unit, Istituti Clinici Zucchi, Monza, MB, Italy	surgeon	podium talk	S135 Sports: hand and wrist Thursday 15:00-16:00 Room Surg 07





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Birth of a FESSH trauma centre in the far South of Europe: instruction for use Pierfrancesco Pugliese, Francesca Toia, Giovanni Maria D'Antonio, Fernando Rosatti, Luigi Montesano, Massimiliano Tripoli, Adriana Cordova Plastic and Reconstructive Surgery, Department of Surgical, Oncological and Oral Sciences, University of Palermo, Italy	surgeon	podium talk	S133 Service improvement 1 Thursday 16:30-17:30 Room Surg 06
The treatment of scaphoid non-unions with partial and total scaphoid in titanium custom-made 3D-printed prostheses and reconstruction of scapholunate interosseous ligament: a preliminary study Alessio Cioffi, Igor Mario Rossello Department of Orthopaedic Surgery; (DiChirOnS), Università di Palermo, Palermo, Italy; Hand Surgery Department "Renzo Mantero", Ospedale San Paolo, Savona, Italy	surgeon	podium talk	S134 Scaphoid non union 2 Thursday 16:30-17:30 Room Surg 07
Case discussion Loris Pegoli Italy	main'	invited talk	S115 Sports Injury (combined) Thursday 16:30-18:30 Room Surg 02

Relazioni Fisioterapisti

Shoulder Anatomy and Biomechanics - Rotator Cuff-Related Shoulder Pain Fabrizio De Lazzari RC Therapy Medical Sports Center, S. Dona di Piave, Italy	main	invited talk	S108 Shoulder Thursday 11:00-12:30 Room Ther 09	
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Venerdì, 10 giugno 2022

Plate choice in "very distal" radius fractures. Our current approach M Bertolini, E Mijno, M Cicirello, M Ferrero, G Pontiglio, B Battiston Hand Surgery and Microsurgery Department C.T.O., Città della Salute e della Scienza, Turin, Italy	surgeon	podium talk	S146 Distal Radial Fractures 2 Friday 08:00-09:00 Room Surg 06
Ipsilateral Elbow injuries and Unstable Distal Radius Fractures in the adults: Identification and treatment of acute lesions Marcio Aurelio Aita, Gustavo Mantovani Ruggiero, Ricardo Kaempf de Oliveira, Bruno Gianordoli Biondi, Renan Martins Fontana, Guilherme Murbach Aliberti Faculdade de Medicina do ABC, Brazil; Milan University, Italy; Santa Casa de Porto Alegre, Brazil	surgeon	podium talk	S146 Distal Radial Fractures 2 Friday 08:00-09:00 Room Surg 06
Fractures of the volar rim Pier Giuseppe Zampetti, Serena Puccini, Martina Cesari, Elena Francioni, Francesca Totti, Luca Turelli, Nicola Mondanelli Department of Orthopeadic, San Jacopo Hospital, Pistoia, Italy; Department of Orthopeadic, Azienda Ospedaliera-Universitaria Senese, Policlinico Santa Maria alla Scotte, Siena, Italy	surgeon	podium talk	S146 Distal Radial Fractures 2 Friday 08:00-09:00 Room Surg 06
Impact of Covid-19 in hand surgery in Italy: a comparison between the North and the South Francesca Toia, Marco Romeo, Pierfrancesco Pugliese, Massimiliano Tripoli, Bruno Battiston, Michele Maruccia, Pierluigi Tos, Adriana Cordoval Plastic and Reconstructive Surgery Department of Surgical, Oncological and Oral Sciences University of Palermo, Italy; Department of Orthopaedics and Traumatology, Orthopaedic and Trauma Center, AOU Città della Salute e della Scienza, Torino, Italy; Department of Emergency and Organ Transplantation, Plastic and Reconstructive Surgery and Burns	surgeon	podium talk	S149 Learning from a pandaemic Friday 09:00-10:00 Room Surg 07















Unit, University of Bari 'Aldo Moro', Bari, Italy; Hand Surgery and Reconstructive Microsurgery Unit, Orthopedic Institute G Pini-CTO, Milan, Italy			
Fracture-dislocations of the forearm joint. From comprehensive locker-based classification system to surgical treatment options Bruno Battiston, Arman Sard, Elisa Dutto, Matteo Ferrero, Federico Fusini, Stefano Artiaco Orthopaedic and Trauma Center, Torino, Italy	surgeon	podium talk	S158 Elbow and IOM Friday 10:30-11:30 Room Surg 06
Surgical treatment of symptomatic end-neuroma with a new bioresorbable copolyester nerve capping device – a multicenter prospective cohort study Dominic Power, Catherine Curtin, Philippe Bellemère, Erika Nyman, Giorgio Pajardi, Jonathan Isaacs, Scott Levin The Peripheral Nerve Injury Service, UHB NHS Foundation Trust, Birmingham, UK; Hand and Upper Limb Center, Redwood City, USA; Institut de la main Nantes Atlantique, Saint-Herblain, France; Linköping University Hospital, Linköping, Sweden; Ospedale San Giuseppe, Milano, Italy; VCU Medical Center, Richmond, USA; University of Pennsylvania Perelman School of Medicine Department of Orthopaedic Surgery, Philadelphia, USA	surgeon	podium talk	S159 Peripheral Nerve surgery Friday 10:30-12:30 Room Surg 07
Partial Trapeziectomy And Pyrocardan Interpositional Arthroplasty For Trapeziometacarpal Joint Osteoarthritis: minimum 4-years follow- up Francesco Smeraglia, Morena Anna Basso, Giulia Famiglietti University of Naples "Federico II", Naples, Italy	surgeon	podium talk	S157 Base of thumb Arthritis 2 Friday 10:30-11:30 Room Surg 05
Functional outcomes following intra-articular injection of fat micro graft for symptomatic thumb carpometacarpal osteoarthritis Enrico Carità, Mara Laterza, Alberto Donadelli Clinica San Francesco, Verona, Italy	surgeon	podium talk	S156 Innovation and technology Friday 10:30-12:30 Room Surg 04





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Surgical treatment of symptomatic end-neuroma with a new bioresorbable copolyester nerve capping device – a multicenter prospective cohort study Dominic Power, Catherine Curtin, Philippe Bellemère, Erika Nyman, Giorgio Pajardi, Jonathan Isaacs, Scott Levin The Peripheral Nerve Injury Service, UHB NHS Foundation Trust, Birmingham, UK; Hand and Upper Limb Center, Redwood City, USA; Institut de la main Nantes Atlantique, Saint-Herblain, France; Linköping University Hospital, Linköping, Sweden; Ospedale San Giuseppe, Milano, Italy; VCU Medical Center, Richmond, USA; University of Pennsylvania Perelman School of Medicine Department of Orthopaedic Surgery, Philadelphia, USA	surgeon	podium talk	S159 Peripheral Nerve surgery Friday 10:30-12:30 Room Surg 07
Clinical and demographic profile Volkmann's Ischemic Contracture presenting in Tigray (Ethiopia) Giampaolo Fasolo, Enrico Carità, Landino Cugola Kidane Mehret Hospital, Adwa, Ethiopia; Clinica San Francesco, Verona, Italy	surgeon	podium talk	S189 The complex elbow Friday 11:30-12:30 Room Surg 06

Relazioni Fisioterapisti

The Italian version of the Unité Rhumatologique des Affections de la Main (URAM) for Dupuytren's disease: The URAM-I(10) E Lanfranchi, T Fairplay, P Arcuri, M Lando, F Marinelli, P Pillastrini, C Vanti Studio Fairplay - Arcuri - Functional Rehabilitation of the Upper Extremity, Private Practice, Bologna, Italy; Department of Biomedical and Neuromotor Sciences, Alma Mater Studiorum, University of Bologna, Bologna, Italy; Department of Hand Surgery and Hand Rehabilitation, Modena Polyclinic Hospital, Modena, Italy; Department of Medical and Surgical Sciences, Alma Mater Studiorum, University of Bologna, Bologna, Italy	therapist	podium talk	S152 Measurement and Assessment Friday 08:00- 10:00 Room Ther 10
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