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<th>Time</th>
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<td>19.00 - 19.55h</td>
<td>ICL 1 PROXIMAL ULNA FRACTURES: CURRENT CONCEPTS</td>
<td>ICL 2 ANATOMICAL SHOULDER ARTHROPLASTY: CURRENT INDICATIONS, TECHNIQUES AND RESULTS</td>
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<td>Chair: Roger Van Riet (Belgium)</td>
<td>Chair: Olivier Verborgt (Belgium)</td>
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<td>20.00 - 20.30h</td>
<td>Sponsored WORKSHOPS</td>
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<tr>
<td>20.35h</td>
<td>SCIENTIFIC SESSION 1 SHOULDER ARTHROPLASTY I</td>
<td>SCIENTIFIC SESSION 2 ELBOW</td>
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<td>21.50h</td>
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SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
19.00-19.45 CET • INSTRUCTIONAL COURSE LECTURES

ICLs

ROOM 1 - 19.00-19.55h

Chair: Roger Van Riet (BE)

ICL 1:
PROXIMAL ULNA FRACTURES:
CURRENT CONCEPTS

Alexander Van Tongel (BE)
Biomechanics, classification and approaches to the coronoid and proximal ulna

Adam Watts (UK)
Fixation of simple olecranon fractures

Christian Spross (CH)
Monteggia fractures

Lars Peter Müller (DE)
Terrible Triad fracture dislocation

Ali Noorani (UK)
Fixation of Proximal ulna fractures

ROOM 2 - 19.00-19.55h

Chair: Olivier Verborgt (BE)

ICL 2:
ANATOMICAL SHOULDER ARTHROPLASTY:
CURRENT INDICATIONS, TECHNIQUES AND RESULTS

Olivier Verborgt (BE)
Planning of an anatomical shoulder replacement and decision-making TSA versus RSA

Markus Scheibel (DE)
The humeral component: What is the best choice in 2020?

Alessandro Castagna (IT)
The glenoid component: What is the best choice in 2020?

Christian Gerber (CH)
Revision of TSA made easier - Tips and pitfalls and the use of convertible systems

Tjarco Alta (NL)
Functional Outcomes and Complications after Anatomical Shoulder Arthroplasty: what to expect?

SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
20.00-20.30 CET • SPONSORED WORKSHOPS
ROOM 1 - 20.35h
SESSION 1: SHOULDER ARTHROPLASTY I

O-01 PROMIS CAT Forms Demonstrate Responsiveness In Patients Following Reverse Total Arthroplasty Across Numerous Health Domains
Sreten Franovic, Kevin A Taylor, Noah A Kuhlmann, Fadi Aboona, Collin Schlosser, Stephanie J Muh
Henry Ford Health System, Detroit, United States

O-02 Feasibility, Acceptance And Safety Of Ambulatory Shoulder Arthroplasty: A Pilot Study
Caroline Cointat, Marc-Olivier Gauci, Tyler Johnston, Christophe Trojani, Pascal Boileau
Hôpital Pasteur 2 - IULS, Nice, France

O-03 Same Day Discharged Shoulder Arthroplasty Is A Safe Option, Prospective Cohort Study
Derk Van Kampen, Lieke De Vries, Robert Jan Hillen, Paulo La Guardia, Rienk Van Beek
Dijklander ziekenhuis, Hoorn, The Netherlands

O-04 Shoulder Joint Arthroplasty In Young Patients: Analysis Of 8742 Patients From The Australian Orthopaedic Association National Joint Replacement Registry
Andrew Mcbride¹, Richard Page², Mark Ross³, Fraser Taylor⁴
¹. GoldCoast University Hospital, Gold Coast, Australia
². Geelong Orthopaedics, Geelong, Australia
³. Brisbane Hand and Upperlimb Research Institute, Brisbane, Australia
⁴. Gold Coast University Hospital, Gold Coast, Australia

O-05 Could Subtle Obstetrical Brachial Plexus Palsy Explain Unilateral B Glenoid?
Alexandre Lädermann¹, Philippe Collin², Luc Favard³, Bassem Elhassan⁴, Chih-Hao Chiu⁵, George Athwal⁶
¹. La Tour Hospital, Geneva, Switzerland
². Centre Hospitalier Privé Saint-Grégoire (Vivalto Santé), Saint- Grégoire, France
³. CHU Trousseau, Tours, France
⁴. Mayo Clinic, Rochester, United States
⁵. Chang Gung Memorial Hospital, Taoyuan, Taiwan
⁶. Roth McFarlane Hand and Upper Limb Center, London, Ontario, Canada

O-06 Outcome Of A Stemless Anatomic Shoulder Arthroplasty In Patients With Osteoarthritis And A Walch Type B Glenoid
Simon Bell, Gray Edwards, Jennifer Coghlan
Monash University, Department of Surgery, Melbourne Shoulder and Elbow Centre, Brighton, Australia

O-07 Stemless total shoulder arthroplasty: does it restore the native joint geometry?
Lokesh Chawla¹, Kapil Kumar², Scott Barker²
¹. Aberdeen Royal Infirmary, Aberdeen, United Kingdom
². Woodend General Hospital, Aberdeen, United Kingdom
SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
20.35-21.50 CET • SCIENTIFIC SESSIONS

0-08 1 Long term clinical and radiological results of an all-polyethylene, pegged, bone ingrowth glenoid component.
Matthew C Evans1, Paul Borbas2, David Mcd Taylor3, Steven Lee4, Malin Wijeratna5
1. Melbourne Orthopaedic Group, Windsor, Australia
2. Balgrist University Hospital, Zurich, Switzerland
3. Austin Hospital, Heidelberg, Australia
4. The Avenue Hospital, Windsor, Australia
5. Nottingham University Hospitals NHS Trust, Nottingham, United Kingdom

0-09 A Three-Dimensional CT Technique To Assess Early Implant Migration And Radiolucency Lines In Total Shoulder Arthroplasty.
Cyrus Brodén1, Peter Reilly2, Olof Sköldenberg3, Henrik Olivecrona4, Roger Emery5
1. Department Surgery and Cancer, Imperial College London, London, United Kingdom
2. Department of Bioengineering, Imperial College London, London, United Kingdom
3. Department of Clinical Sciences, Danderyd Hospital, Karolinska Institutet, Stockholm, Sweden
4. Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden

0-10 Mid- To Long-Term Follow-Up Of Shoulder Arthroplasty For Primary Glenohumeral Osteoarthritis In Patients Aged 60 Or Under
Lionel Neyton, JACOB Kirsch
Centre Orthopédique Santy, Lyon, France

0-11 Five-Year Outcomes Of Pyrocarbon Humeral Resurfacing Arthroplasty In Young Patients: Analysis From The Australian Orthopaedic Association National Joint Replacement Registry
Andrew Phillip Mcbride1, Mark Ross2, Greg Hoy3, Richard Page4, Phillip Duke5, Fraser Taylor1
1. Gold Coast University Hospital, Gold Coast, Australia
2. Brisbane Hand and Upper Limb Research Institute, Brisbane, Australia
3. Melbourne Orthopaedic Group, Melbourne, Australia
4. Geelong Orthopaedics, Geelong, Australia

0-12 The Role Of Arthroscopic Glenoidplasty And Osteocapsular Arthroplasty In The Treatment Of Advanced Glenohumeral Arthritis
Shawn O’Driscoll, Jorge Rojas Lievano, Dani Rotman, Edward Kelly, Kirsten L. Poehling-Monaghan, James Fitzsimmons
Mayo Clinic, Rochester, United States

0-13 Joint-Line Medialization Following Anatomical Total Shoulder Replacement Requires More Rotator Cuff Activity To Preserve Joint Stability
Anita Hasler, Elias Bachmann, Andrew Ker, Arnd Viehöer, Karl Wieser, Christian Gerber
University hospital Balgrist, Zürich, Switzerland
SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
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O-14 Magnetic Resonance Imaging (MRI) Measurement Of The Anterior Glenoid Angle: A New Method Of Assessment Of Glenoid Version
Christopher Luke Antonacci¹, Mina Abdelshahed²,³, Frank Alberta²,⁴, Michael Cutalo², Russell Fritz⁵
¹. Rothman Orthopaedic Institute, Glen Rock, New Jersey, United States
². Hackensack University Medical Center, Hackensack, New Jersey, United States
³. Union County Orthopaedic Group, Linden, United States
⁴. Rothman Orthopaedic Institute, New Jersey, United States
⁵. Novato Diagnostic Radiologists, Novato, California, United States

O-15 Pre-operative arthritic glenoid morphology assessment: “bluprint” automated planning software versus manual multiplanar measurements
Margo Dirckx, Timothy Hall, Kannan Rajesparan
University College Hospital London, London, United Kingdom

O-16 Hemiarthroplasty Compared To Reverse Total Shoulder Arthroplasty For Proximal Humerus Fractures: A Registry Analysis Of 5,946 Patients
Fraser Taylor¹, Andrew Mclean¹, Owain Critchley², Richard Page³,⁴,⁵, Gregory I Bain²,⁶, Stephen Graves⁷
¹. Gold Coast University Hospital, Gold Coast, Australia
². Flinders University, Adelaide, Australia
³. Deakin University, Geelong, Australia
⁴. Barwon Centre for Orthopaedic Research and Education, Geelong, Australia
⁵. University Hospital Geelong, Geelong, Australia
⁶. Flinders Medical Centre, Adelaide, Australia
⁷. Australian Orthopaedic Association National Joint Replacement Registry, Adelaide, Australia

ROOM 2 - 20.35h
SESSION 2: ELBOW

O-17 Algorithm For Diagnosing Complete And Partial Distal Biceps Tendon Tears: Hook Test And Resisted Hook Test
Michal J. Harasymczuk¹,², Anthony M. Vaichinger¹, Graham D. Pallante¹, James S. Fitzsimmons¹, Shawn W. O’Driscoll¹
¹. Mayo Clinic, Rochester, United States
². Poznan University of Medical Sciences, Poznan, Poland

O-18 Minimal Damage To The Supinator Muscle After Double Incision Technique For Distal Biceps Repair.
Davide Blonna¹, Alberto Olivero¹, Claudia Galletta¹, Valentina Greco¹, Filippo Castoldi², Marco Davico², Roberto Rossi³
¹. Maurizio Umberto I Hospital, Turin, Italy
². University of Turin, Turin, Italy
³. San Luigi Gonzaga Hospital, Orbassano, Italy
⁴. J Medical Hospital, Turin, Italy
⁵. Mauriziano Umberto I Hospital, Turin, Italy
SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
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O-19 Radial Head Fractures: Quantitative 3D-CT Analysis
Silvio Lampaert, Lieven De Wilde, Alexander Van Tongel
University Hospital Gent, Gent, Belgium

O-20 Interosseus Membrane Reconstruction For Longitudinal Instability Injuries Of The Forearm.
Matthew Ricks, Adam Watts, Andrew Keightley
Wrightington Hospital, Wigan, United Kingdom

O-21 Radial head osteosynthesis with low-profile locking plates: a prospective analysis of 26 patients
Sebastien Prigent, Marianna Patrignani, Ciro Villani, Giuseppe Giannicola
Rome, Italy

O-22 Radial Head Arthroplasty For Acute Complex Elbow Instability: A Prospective Long-Term
Comparative Cohort Study Of Two Implant Designs.
Blanca Díez Sánchez, Raúl Barco Laakso, Samuel A. Antuña
Hospital Universitari La Paz, Madrid, Spain

O-23 Revision Radial Head Arthroplasty With Deliberate Underlengthening Of The Prosthesis.
Izaäk F Kodde1,2, Annelien De Mesel1,3, Jan Debeij1,4,5, Roger P Van Riet1,6
1. AZ Monica, Antwerp, Belgium
2. St. Antonius Hospital, Utrecht, The Netherlands
3. Antwerp rehab Training, Antwerp, Belgium
4. Xpert Clinics, Rotterdam, The Netherlands
5. Haga Hospital, The Hague, The Netherlands
6. University Hospital Antwerp, Antwerp, Belgium

O-24 Intraobserver And Interobserver Reliability Of The Computed Tomography-Based Radiographic
Classification Of Primary Elbow Osteoarthritis: Comparison With Plain Radiograph-Based Classification
And Clinical Assessment.
Jae-Man Kwak1, Erica Khohline1, Yucheng Sun1, Ivan Micic2, In-Ho Jeon1
1. Asan Medical Center, Seoul, South Korea
2. University of Niš, Niš, Serbia

O-25 A new posterior triceps approach for total elbow arthroplasty in patients with osteoarthritis
secondary to fracture: clinical experience
Andrea Celli, Guglielmo Deluise, Luigi Celli
Hesperia Hospital, Modena, Italy

O-26 Survival Analysis And Cementation Criteria For Success On Total Elbow Arthroplasty – A Mono-
Center Analysis Of 31 Cases
Arnaldo Sousa, João Rosa, Luis Coutinho, Claudia Rodrigues, Marta Santos-Silva, Alexandre Pereira, Miguel
Trigueiros, César Silva
Centro Hospitalar Universitário do Porto, Orthopedics Department, Porto, Portugal
### Scientific Program • Wednesday, September 9

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| O-27 | Two-Stage Revisions With Articulating Antibiotic Spacers After Failed And Infected Elbow Surgery – Technical Issues, Complications And Outcomes In A Multicenter Study | Konrad Malachowski¹, Joanna Walecka², Frank Gohlke¹, Przemyslaw Lubiatowski², Michal Harasymczuk³, Robert Hudek³  
¹. Rhön Klinikum AG, Bad Neustadt, Germany  
². Reha Sport Clinic, Poznan, Poland  
³. Traumatology, Orthopedics and Hand Surgery Clinic, Poznan, Poland |

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| O-28 | Reliability And Validity Of The Wrightington Classification Of Elbow Fracture Dislocation | Zaid Hamoodi¹, Jagwant Singh², Mike Elvey³, Adam Charles Watts³  
¹. Wrightington Hospital, Wigan, United Kingdom  
². Lewisham and Greenwich NHS Trust, London, United Kingdom  
³. London North West University Healthcare NHS Trust, London, United Kingdom |

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| O-29 | Biomechanical Significance Of The Collateral Ligaments In Transolecranon Fracture-Dislocations | Kaare Sourin Midtgaard¹,²,³, Philip-Christian Nolte¹, Jon Wesley Miles¹, Kira Kim Tanghe¹, Liam Alexander Peebles¹, Matthew Thomas Provencher¹,², Lars Adolfsson³  
¹. Steadman Philippon Research Institute, Vail, United States  
². Norwegian Armed Forces Joint Medical Services, Oslo, Norway  
³. Oslo University Hospital, Oslo, Norway |

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| O-30 | Ultrasound Evaluation After Sequential Lateral Release Shows Significant Increase In Lateral Elbow Laxity After Detachment Of The Anterior Half Of The Common Extensor Origin But Is Not Able To Detect An Additional Lesion Of The Radial Band Of The Lateral Collateral Ligament. | Davide Cucchi², Francesco Luceri³, Andrea Zagarella³, Michele Catapano³, Alessandra Menon³, Max Friedrich¹, Valentin Bruno³, Pietro Randelli³, Paolo Arrigoni³  
¹. Universitätsklinikum Bonn, Bonn, Germany  
². University of Milan, Milano, Italy |

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| O-31 | Annular Ligament Syndrome”: A New Differential Diagnosis Of Lateral Aspect Elbow Pain. | Karla Rodriguez Bascones, Cesar Abellan, Daniel Berlanga  
Hospital ASEPEYO Sant Cugat, Sant Cugat Del Vallès, Spain |

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| O-32 | Arthroscopic Treatment Of Isolated Coronoid Fracture: Results On 47 Patients With 2 Years Minimum Follow-Up | Enrico Guerra³, Davide Blonna³, Alessandra Colozza³, Paolo Arrigoni³, Giuseppe Carbone³, Alessandro Marinelli³, Marco Cavallo¹, Roberto Rotini³  
¹. Shoulder and Elbow Unit, Rizzoli Orthopaedic Institute, Bologna, Italy  
². Orthopedics and Traumatology Department, Mauriziano-Umberto I Hospital, Torino, Italy  
³. Unità operativa di Ortopedia e Traumatologia, Ospedale Civile, Faenza, Italy |

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O-33 The Distance Of The Median Nerve From The Brachialis Muscle Changes Significantly With Elbow And Forearm Movements
Davide Cucchi¹, Francesco Luceri², Carlo Zaolino², Alessandra Menon², Max Friedrich¹, Christof Burger¹, Paolo Arrigoni², Kilian Wegmann³
¹. Universitätsklinikum Bonn, Bonn, Germany
². University of Milan, Milano, Italy
³. Uniklinik Köln, Köln, Germany

O-34 Isotonic Evaluation Of Wrist Extensors And Flexors Of Tennis Elbow Patients Due To Job And Sport Related Factors
Marta Jokiel¹, Piotr Czarnecki¹, Ewa Breborowicz¹, Leszek Romanowski¹
¹. Hand Surgery Department Poznan University Of Medical Sciences, Poznan, Poland
². Physiotherapy Clinic Poznan University Of Medical Sciences, Poznan, Poland

O-35 Results Of Medial And Lateral Elbow Collateral Ligaments Reconstruction With The “box-Loop” Technique In Eleven Consecutive Cases Of Complex Chronic Elbow Instability
Michele Cavaciocchi¹, Alessandra Colozza¹, Sara Padovani¹, Cristina Galavotti², Luigi Perna¹, Alberto Trimarchi¹
¹. AUSL della Romagna, Faenza (ra), Italy
². ASST Cremona (CR), Cremona, Italy

SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
20.35-21.50 CET • SCIENTIFIC SESSIONS

SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9
21.50 CET • END OF THE SECEC DAY