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<th>Time</th>
<th>Room 1</th>
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<tr>
<td>19.00 - 19.55h</td>
<td><strong>ICL 5</strong> EVALUATION AND MANAGEMENT OF SEVERE GLENOID BONE LOSS IN REVISION CASES OF SHOULDER ARTHROPLASTY</td>
<td><strong>ICL 6</strong> MANAGEMENT OF AC JOINT INJURIES – AC JOINT ANATOMY AND BIOMECHANICS IN 2020</td>
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<td>Chairs: Giuseppe Porcellini (Italy) Ralph Hertel (Switzerland)</td>
<td>Chair: Andreas Imhoff (Germany)</td>
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<td>20.00 - 20.30h</td>
<td>WORKSHOPS</td>
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<td>20.35h</td>
<td><strong>SCIENTIFIC SESSION 5</strong> INSTABILITY I</td>
<td><strong>SCIENTIFIC SESSION 6</strong> SHOULDER ARTHROPLASTY II</td>
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<td>21.50h</td>
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**Wednesday, November 25**

INDUSTRY SESSION
ICL 5:
EVALUATION AND MANAGEMENT OF SEVERE GLENOID BONE LOSS IN REVISION CASES OF SHOULDER ARTHROPLASTY.

Ludwig Seebauer (DE)
The classification of glenoid defects: what’s new?

Lionel Neyton (FR)
Accuracy of new technologies in preoperative planning

Samuel Antuña (SP)
The use of intraoperative navigation to increase stability of the glenoid baseplate

Giovanni Merolla (IT)
Postoperative evaluation of the implant positioning

ICL 6:
MANAGEMENT OF AC JOINT INJURIES – AC JOINT ANATOMY AND BIOMECHANICS IN 2020?

Klaus Bak (DK)
AC joint anatomy and biomechanics in 2020 – new info to help in treatment

Knut Beitzel (DE)
The scapula and shoulder girdle – How it impacts operative and nonoperative treatment

Andreas Imhoff (DE)
Operative fixation, biomechanics, and outcomes. What this has evolved to in 2020?

Mehmet Demirhan (TK)
Complications of operative and nonoperative treatment of AC-injuries in 2020. How this influence decision making?

Emilio Calvo (SP)
Case based discussion

SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
19.00-19.45 CET • INSTRUCTIONAL COURSE LECTURES

ROOM 1 - 19.00-19.55h
Chairs:
Giuseppe Porcellini (Italy)
Ralph Hertel (Switzerland)

ROOM 2 - 19.00-19.55h
Chair: Andreas Imhoff (Germany)

SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
20.00-20.30 CET • WORKSHOPS
ROOM 1 - 20.35h

SESSION 5: INSTABILITY I

O-70 The Role Of The Glenoid Version In Glenohumeral Instability
Onur Tunali1, Gokhan Karademir2, Ali Erser3, Ata Can Atalar4
1. Acibadem Maslak Hospital, Istanbul, Turkey
2. Istanbul Avcilar Murat Koluk State Hospital, Istanbul, Turkey
3. Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey

O-71 Infection In Revision Instability Surgery? Results Of A Prospective Multicenter Consecutive Cohort Study
Catherine Orban1, Emilie Sandman2, Jonah Hébert-Davies3, Patrick Goetti3, Marie-Lyne Nault4, Dominique M Rouleau4
1. CHU Liege, Liege, Belgium
2. Université de Montreal, Montreal, Canada
3. CHUV, Lausanne, Switzerland
4. Université de Montréal, Montreal, Canada

O-72 Limited Predictive Value Of The Instability Severity Index Score: Evaluation Of 217 Consecutive Cases Of Recurrent Anterior Shoulder Instability
Travis J Dekker1, Liam A. Peebles2, Andrew S. Bernhardson3, Petar Golijanin4, Giovanni Di Giacomo5, Matthew T. Provencher2
1. Eglin Air Force Base, Pensacola, United States
2. Steadman Philippon Research Institute, Vail, United States
3. Oasis Surgery Center, San Diego, United States
4. Geisel School of Medicine at Dartmouth, Hanover, United States
5. Concordia Hospital for Special Surgery, Rome, Italy
6. The Steadman Clinic, Vail, United States

O-73 The “purse string” technique for anterior glenohumeral instability: long term results.
Georgios Panagopoulos, Andreas Leonidou, Panagiotis Anastasopolous, Paolo Consigliere, Aleksandra Adamczyk, Giuseppe Sforza, Ofer Levy
Reading Shoulder Unit, Reading, United Kingdom

O-74 Dynamic Anterior Stabilization (DAS) With The Long Head Of The Biceps. Preliminary Results
Philippe Collin1, Antony Hervé2, Alexander Laedermann1
1. CHP, St Gregoire, France
2. CHP, Saint Gregoire, France
3. la tour, Geneve, Switzerland
SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
20.35-21.50 CET • SCIENTIFIC SESSIONS

O-75 Simplified Technique Of Arthroscopic Subscapularis Split During Dynamic Anterior Stabilization (DAS)
Mohamed Ibrahim1, Pablo Narbona2, Patrick J Denard3, Paolo Arrigoni4, Philippe Collin5, Alexandre Lädermann6
1. Fayoum University, Fayoum, Egypt
2. Sanatorio Allende, Córdoba, Argentina
3. Oregon Health & Science University, Portland, United States
4. 1a Clinica Ortopedica, ASST PINI-CTO, Università degli Studi di Milano, Milan, Italy
5. Centre Hospitalier Privé Saint-Grégoire (Vivalto Santé), Saint-Grégoire, France
6. La Tour Hospital, Geneva, Switzerland

O-76 Hyperabduction Test : Instability Test Or Simple Laxity Measurement?
Anselme Billaud1, Paul Maxime Lacroix2
1. Institut du Sport, Merignac, France
2. CHU Pellegrin, Bordeaux, France

O-77 iomechanical And Proprioceptive Study Of Atraumatic Shoulder Instability In Ehlers-Danlos Syndrome
Marta Jokiel1, Ewa Breborowicz1, Aleksandra Bartkowiak1, Anna Wachowiak1, Przemyslaw Lubiatowski1, Leszek Romanowski1
1. Hand Surgery Department Poznan University of Medical Sciences, Poznan, Poland
2. Physiotherapy Clinic Poznan University of Medical Sciences, Poznan, Poland

O-78 Which Muscle Performance Can Be Improved After Arthroscopic Bankart Repair?
Woong Kyo Jeong, Jin Hyuck Lee, Geun Woo Park
Korea University, Seoul, South Korea

O-79 Analysis Of Patients That Did Not Return To Play Following Arthroscopic Bankart Repair
Eoghan T Hurley1,2, 3, Martin S Davey1, Mohamed Gaafar1, Leo Pauzenberger1, Laith M Jazrawi1, Hannan Mullett1
1. Sports Surgery Clinic, Dublin, Ireland
2. New York University, New York, United States
3. National University of Ireland Galway, Galway, Ireland

0-80 Validation Of A Numerical And Electronic Version Of The WOSI (Western Ontario Shoulder Instability) Questionnaire
Jacquelina Achkar1, Emilie Sandman1, Alexis Rousseau-Saine1, Frederic Balg1, Dominique M Rouleau1
1. Université de Montréal, Montreal, Canada
2. Université de Sherbrooke, Sherbrooke, Canada

O-81 Arthroscopic stabilisation of atraumatic shoulder instability: minimum two year outcomes
Senthooran Raja, Shivan Jassim, David Butt, Will Rudge, Mark Faworth, Deborah Higgs, Addie Majed
Royal National Orthopaedic Hospital, London, United Kingdom
SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
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0-82 Biomechanical Strength Of Screw Versus Suture Button Fixation In The Latarjet Procedure: A Cadaver Study
Gazi Huri¹, Yasin Hakverdiyev¹, Mehmet Kaymakoglu¹, Erdi Ozdemir¹, Pinar Yilgor Huri², Sercan Akpinar³, John G Costouros⁴, Edward G Mcfarland⁵
¹. Hacettepe University Faculty of Medicine, Orthopaedics and Traumatology Department, Ankara, Turkey
². Ankara University Faculty of Engineering, Biomedical Engineering Department, Ankara, Turkey
³. Medline Adana Hospital, Orthopaedics and Traumatology Department, Adana, Turkey
⁴. Stanford University Faculty of Medicine, Orthopaedics and Traumatology Department, Palo Alto, California, United States
⁵. The Johns Hopkins University Faculty of Medicine, Orthopaedics and Traumatology Department, Baltimore, Maryland, United States

0-83 Arthroscopic Guided Latarjet And Arthroscopic Guider Autologous Iliac Crest Bone Graft Or Xenograft Combined With Subscapularis Augmentation Using Round-Button In Recurrent Anterior Shoulder Instability: A Prospective Study
Sabri Dlimi¹, Paolo Piovan¹, Andrea Fiocchi¹, Antonello Lazzaro², Renato Salvador³
¹. Casa di Cura Madonna della Salute, Porto Viro, Italy
². Casa di Cura Villa Serena, Pescara, Italy
³. Università degli Studi di Padova, Padova, Italy

0-84 Outcomes Of Arthroscopic Latarjet As A Revision Procedure For Treatment Of Recurrent Anterior Shoulder Instability After Failed Arthroscopic Bankart Repair. A Case Series
Lika Dzidzishvili¹, Claudio Calvo Palma², María Valencia³, Javier Calvo¹, Antonio M Foruria¹, Diana Morcillo¹, Emilio Calvo¹
¹. Hospital Universitario Fundación Jiménez Díaz, Madrid, España
². Department of Orthopaedic Surgery, ScPontificia Universidad Católica de Chile, Santiago De Chile, Chile

0-85 Latarjet Procedure For Anterior Shoulder Instability: A 24-Year Follow Up Study
Claudio chillemi¹, Mario Guerrisi², Carlo Paglialunga², Stefano Carli², Riccardo Proietti², Marcello Osimani²
¹. Istituto Chirurgico Ortopedico Traumatologico, Latina, Italy
². Dept. of Anatomical, Histological, Forensic Medicine and Orthopaedics Sciences, Sapienza University of Rome, ICOT, Latina, Italy
³. SRG Medical Center, Roma, Italy

0-86 90-Day Complication Rate Following The Latarjet Procedure In A High Volume Centre
Eoghan T Hurley¹,², John P Scanlon¹, Martin S Davey¹, Leo Pauzenberger¹, Cathal J Moran¹,³, Hannan Mullett¹
¹. Sports Surgery Clinic, Dublin, Ireland
². National University of Ireland Galway, Galway, Ireland
³. Trinity College Dublin, Dublin, Ireland
O-87 Screw Removal Can Resolve Unexplained Anterior Pain Without Recurrence Of Instability After Open Latarjet Procedures
Steven Roulet¹, Lorenzo Merlini¹, Morgane Le Chatelier¹, Damien Delgrande¹, Pierre Métais¹, Mo Saffarini⁴, Arnaud Godenèche¹
¹. Centre Orthopédique Santy, Lyon, France
². Institut de chirurgie orthopédique de Provence, Aix-En-Provence, France
³. Etablissements du Puys-de- Dôme, Beaumont, France
⁴. ReSurg Sa, Nyon, Switzerland

O-88 3-Dimensional Quantification Glenoid Bone Loss In Recurrent Shoulder Instability – Role In Establishing Parameters For Latarjet Vs Bankart Procedure.
Marine Launay¹,²,³, Muhammad Naghman Choudhry¹,², Nicholas Green¹,², Peter Pivonka¹,², Kenneth Cutbush¹,²,³, Ashish Gupta¹,²,³
¹. Queensland Unit for Advanced Shoulder Research, Brisbane, Australia
². Queensland University of Technology, Brisbane, Australia
³. Shoulder Surgery QLD Research Institute, Brisbane, Australia
⁴. Brisbane Private Hospital, Brisbane, Australia
⁵. Greenslopes Private Hospital, Brisbane, Australia

ROOM 1 - 20.35h
SESSION 6: SHOULDER ARTHROPLASTY II

O-89 Preoperative Planning For Shoulder Arthroplasty Does Not Consistently Result In Reproducible In-Vivo Execution
Bradley Schoch¹, Edward Haupt¹, Thiago Love-Leonor¹, Kevin Farmer¹, Thomas Wright², Joseph King²
¹. Mayo Clinic, Jacksonville, Fl, United States
². University of Florida, Gainesville, FL, United States
³. Inverted Tea LLC, Gainesville, FL, United States

O-90 Does The Subscapularis Refixation Effect The Clinical Outcome After Primary Reverse Shoulder Arthroplasty?
Yacine Ameziane¹,², Niny Myline Engel¹, Malte Holschen¹, Dominik Schorn¹, Kai-Axel Witt¹, Jörn Steinbeck¹
¹. Orthopedic Practice Clinic (OPPK), Muenster, Germany
². University Hospital Muenster, Department of Orthopedic Surgery, Muenster, Germany
³. Raphaeclinic Muenster, Department of Trauma Surgery, Münster, Germany

O-91 Effect Of Postoperative Integrity Of The Subscapularis Repair At Two Years On Functional Outcomes Following Reverse Total Shoulder Arthroplasty
Gabriella Ode¹, Philippe Collin¹, Morgane Rol¹, Yoshihiro Hirakawa⁴, Alexandre Lädermann⁵
¹. Service de chirurgie, New York, United States
². CHP Saint-Grégoire, Saint-Grégoire, France
³. CHU, Caen, France
⁴. Département de chirurgie orthopédique, Osaka, Japan
⁵. Hôpital La Tour, Genève, Switzerland
O-92 Effects Of Radiological Lateralization Parameters On The Functional Outcome After Bilateral Reverse Total Shoulder Arthroplasty (RTSA)
Sebastian Lappen¹,², Alex Marzel¹, Laurent Audigé¹, Hans-Kaspar Schwyzer¹, Markus Scheibel¹,³
¹. Schulthess Klinik, Zürich, Switzerland
². Klinikum rechts der Isar, München, Germany
³. Charité – Universitätsmedizin Berlin, Berlin, Germany

O-93 The Clinical And Radiographic Impact Of Increasing Medialization Of The Bone-Prosthesis Interface In Primary Reverse Total Shoulder Arthroplasty At Short-Term Follow-Up.
Jorge Rojas Lievano¹, Prashant Meshram¹, Filippo Familiari², Uma Srikumaran¹, Edward Mcfarland¹
¹. The Johns Hopkins University, Baltimore, United States
². The Magna Græcia University of Catanzaro, Catanzaro, Italy

O-94 Influence Of Parkinson’S Disease On Outcome And Complication Rate Of Reverse Total Shoulder Arthroplasty – A Matched Group Analysis
Paul Borbas, Philipp Kriechling, Samy Bouaicha, Karl Wieser
Balgrist University Hospital, Zürich, Switzerland

O-95 Reverse Shoulder Arthroplasty For Rotator Cuff Tears With And Without Prior Failed Repair: A Comparative Analysis
Alexander J. Vervaecke¹,², Andrew D. Carbone¹, Jashvant Poeran¹, Nicole Zubizarreta¹, Bradford O. Parsons¹, Leesa M. Galatz¹, Olivier Verborgt¹,², Paul J. Cagle¹
¹. Icahn School of Medicine at Mount Sinai, New York City, United States
². University Hospital of Antwerp, Edegem, Belgium
³. AZ Monica, Antwerp, Belgium

O-96 Is Structural Glenoid Bone Grafting A Risk Factor For Aseptic Glenoid Baseplate Failure After Primary Reverse Shoulder Arthroplasty?
Eddie Lo¹, Raffaele Garofalo¹, Alexander Sanders², Temilola Majekodunmi², Sumant Gopal Krishnan⁴
¹. Baylor University Medical Center, Baylor Scott and White Health, Dallas, TX, USA, Dallas, United States
². The Shoulder Center, Baylor Scott and White Research Institute, Dallas, TX, USA, Dallas, United States
³. Texas A&M School of Medicine, Dallas, TX, USA, Dallas, United States
⁴. Baylor University Medical Center, Baylor Scott and White Health, Dallas, TX, USA, Dallas, United States

O-97 Microbiological Analysis Of Post-Operative Shoulder Infection: Retrospective Multicenter Study Over A Seven-Year Period In Trauma, Arthroplasty And Arthroscopy
Catherine Orban¹, Jean-Michel Leduc¹, Emilie Sandman¹, Frederic Balg¹, Stéphane Pelet¹, Dominique M Rouleau²
¹. CHU Liege, Liege, Belgium
². Université de Montréal, Montreal, Canada
³. Université de Sherbrooke, Sherbrooke, Canada
⁴. CHU Quebec, Quebec, Canada
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O-98 Retroverted Glenoid Reconstruction Using Delta Xtend Baseplate And Impacted Humeral Head Asymmetric Graft
Stefano Carbone¹, Valerio Castagna², Daniele Passaretti³, Vittorio Candela⁴, Stefano Gumina⁵
¹. Clinica Villa Aurora/San Feliciano, Roma, Italy
². Sapienza University, Roma, Italy
³. Ospedale CTO, Roma, Italy
⁴. ICOT, Latina, Italy
⁵. Sapienza University, Polo Pontino, Rome, Italy

O-99 Is Bone Grafting Always Necessary In Revision Reverse Shoulder Arthroplasty With Eccentric Glenoid Bone Defects?
Lotte Verstuyft, Laurence Vergison, Alexander Van Tongel, Lieven De Wilde
Ghent University, Gent, Belgium

O-100 Comparison Study Of Patient Demographics, Causes, Costs, And Risk-Factors Associated With Ninety-Day Readmissions Following Primary Reverse Shoulder Arthroplasty
Ajit Vakharia, Jason Ina, Lakshmanan Sivasundaram, Nikunj Trivedi, Robert Gillespie
University Hospitals Cleveland Medical Center, Case Western Reserve University, Cleveland, United States

O-101 an Anatomic Stem Angles Of 135° In Reverse Shoulder Prosthesis Obtain Better Consolidation Rates And Clinical Outcomes Than 155° In RSA Fracture? A Randomized Control Trial
Abdul-Ilah Hachem¹, Xavier Rius¹, Karla Rodriguez-Bascones², Marisa Catasus³, Jonathan Matellanes¹, Iñigo Verdálet¹, Marc Puigbert¹, Francisco Javier Cabo¹
¹. Hospital Universitari Bellvitge, Barcelona, Spain
². Hospital Asepeyo, Sant Cugat, Spain
³. Hospital de Vila-real, Barcelona, Spain
⁴. Hospital Angeles Xalapa, Veracruz, Mexico

O-102 Treatment Of Proximal Humerus Fractures Using Reverse Shoulder Arthroplasty: Does The Inclination Of The Humeral Component Influence The Clinical Outcome And Tuberosity Healing?
Malte Holschen¹, Patrick Khourdaji¹, Maria Körtging², Kai-Axel Witt², Jörn Steinbeck²
¹. Raphaelsklinik Münster, Münster, Germany
². OPPK, Münster, Germany

O-103 Does Radiographic Markers Affect Postoperative Muscle Strength In Reverse Shoulder Arthroplasty
Katsumasa Nakazawa¹, Tomoya Manaka², Koichi Ichikawa³, Yoshihiro Hirakawa⁴, Ryosuke Iio⁵, Ryuichi Yamashita⁴, Yoichi Ito⁴, Hiroaki Nakamura⁴
¹. Department of Orthopaedic Surgery, Kashiba City, Japan
². Kashiba Seiki Hospital, Osaka, Japan
³. Department of Orthopaedic Surgery, Osaka, Japan
⁴. Osaka City University Graduate School of Medicine, Osaka, Japan
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O-104 Role Of Preoperative PROMIS Scores In Predicting Postoperative Outcomes And Likelihood Of Achieving MCID Following Reverse Shoulder Arthroplasty
Sreten Franovic, Noah A Kuhlmann, Collin Schlosser, Alexander Pietroski, Asa Gray Buchta, Stephanie J Muh
Henry Ford Health System, Detroit, United States

O-105 Complications And Readmissions Following Reverse Total Shoulder Arthroplasty With Same-Day Discharge
Christopher Luke Antonacci¹, Oscar Vazquez²,³, Frank Alberto¹,²
¹. Rothman Orthopaedic Institute, Glen Rock, New Jersey, United States
². Hackensack University Medical Center, Hackensack, New Jersey, United States
³. Active Orthopedics and Sports Medicine, Hackensack, New Jersey, United States

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