# Ist SECEC VIRTUAL CONGRESS

SEPTEMBER - DECEMBER 2020





www.secec-essse.org



### **INDEX**

WELCOME	03
SCIENTIFIC PROGRAM FORMAT	04
MAIN CONTACT DETAILS	04
PROGRAM AT A GLANCE	
SEPTEMBER 2020	05
OCTOBER 2020	06
NOVEMBER 2020	07
DECEMBER 2020	08
PROGRAM SEPTEMBER 2020	09
PROGRAM OCTOBER 2020	17
PROGRAM NOVEMBER 2020	24
PROGRAM DECEMBER 2020	33



### **▶** WELCOME

Dear Colleagues,

In light of the current evidence, our Executive Committee has decided reluctantly to postpone our upcoming annual congress to next year.

Sorting out a unanimous decision does not always mean it was effortless and smooth. As you may closely following, we have long waited and surveyed the progression of the pandemic while almost all the large-scale organizations have been cancelled or postponed. All the simulations we have conducted, and all possible scenarios have failed, ending up to an unacceptably high risk of transmission. We believe there is no valid argument to controvert the safety and the health of our participants.

Despite the gradual lifting of the confinement measures, we were not in favour of a meeting shadowed by protective measures and social distancing. Firstly, the preventive attitude does not comply with our members' warmth and cordiality. Moreover, in a world where everybody is connected to each other online, 'social nearing' is the main reason for which we keep on organizing congresses.

I can readily assure you that our society is perfectly competent to manage this crisis to all extend. At this point, I must present my gratitude to the organization committee of Poznan Congress for their unprecedented efforts, to all the members of the Executive Committee and to Torres-Pardo, our organization consultant for the outstanding management of this disastrous situation.

Similar to other international societies SECEC also introduces the organization of an outstanding virtual scientific activity. Our Executive Committee members have completed the final arrangements, with an ambition of creating the most prominent online activity in 2020, devoted to Shoulder and Elbow Surgery. We are planning to launch SECEC Virtual Congress on 9 September, same as the actual congress but to extend it dynamically to a broader interval of time.

A very high percentage of SECEC abstracts find their ways to high impact journals in the next years and we know how significant it is to present a paper on a SECEC Podium, which we desperately cannot build this year. As promised, I announce that the accepted abstracts will be published on JSES-Open Access upon the request of the authors, however, it would be totally recognizable if any author requests the withdrawal of his/her submission.

Consequently, SECEC has decided to stay home, to be able to come together freely in 2021, same time, same day, same place. We believe that Poznan and Eastern Europe have definitely deserved to hold this congress, and our members will experience an exceptional congress worthy of the brilliant efforts of the organizing committee headed by Przemyslaw Lubiatowski. Therefore, Dublin Congress has been moved to 2023, in order not to clash with ICSES Rome 2022.

At this stage, I wish to express my solidarity and compassion for all those who suffer from the disease and its consequences. We all acknowledged that the best way to defeat this calamity is to stay home. Social distancing becomes painful when there are so many reasons for hugging each other, let's just remember that next year in Poznan.



**Mehmet Demirhan** SECEC President



### SCIENTIFIC PROGRAM FORMAT

The SECEC\_VC Virtual Congress will be held over a 4-month period, through a dedicated SECEC virtual event platform that will allow all the participants to interact and actively participate at the scientific sessions, but also to engage and virtually mingle in between the Live sessions.

Participants can access the platform via a Web App for the Live sessions, but they can also access all content and features via a mobile application on their phones/tablets.

### SECEC SESSIONS

From 7pm to 9.30pm CET - Second Wednesday of each month, starting on September 9th 2020.

- ICL Instructional Course Lecture: 45 ' / 2 in parallel
- Industry WorkShop: 30 ' / 2 or 3 in parallel
- Scientific Session oral papers: 60 ' / 2 in parallel

### SPONSORED SESSIONS

From 6pm to 9.30pm CET - Fourth Wednesday of each month, starting on September 23rd 2020.

- Three slots per day: 6pm to 7pm / 7.15pm to 8.15pm / 8.30pm to 9.30pm

### MAIN CONTACT DETAILS

### **Technical secretariat**

Torres Pardo SL Nàpols 187, 2° 08013 Barcelona - Spain Phone: +34 93 246 35 66 Email: info@secec-meetings.org

www.torrespardo.com

### **SECEC Headquarters**

Ms. Sylvie Noël 69 Boulevard des Canuts 69004 Lyon - France Phone: +33 683 178613 Email: sececoffice@gmail.com

www.secec-essse.org



SEPTEMBER 2020		
Wednesday, September 9		
CET timezone	ROOM 1	ROOM 2
19.00 - 19.55h	ICL 1 PROXIMAL ULNA FRACTURES: CURRENT CONCEPTS  Chair: Roger Van Riet (Belgium)	ICL 2  ANATOMICAL SHOULDER ARTHROPLASTY: CURRENT INDICATIONS, TECHNIQUES AND RESULTS  Chair: Olivier Verborgt (Belgium)
20.00 - 20.30h	COVID-19 SESSION	
20.35h	SCIENTIFC SESSION 1 SHOULDER ARTHROPLASTY I	SCIENTIFC SESSION 2 ELBOW
21.50h	End of the SECEC day	

Wednesday, September 23		
CET timezone	CET timezone ROOM 1	
18.00h - 19.00h	INDUSTRY SESSION	DePuy Synthes
19.15h - 20.15h	INDUSTRY SESSION	© Exactech° Surgeon focused. Patient driven*
20.30h - 21.30h	INDUSTRY SESSION	djo <i>surgical</i> 。



OCTOBER 2020			
	Wednesday, October 7		
CET timezone	ROOM 1	ROOM 2	
	ICL 3 CORONOID FRACTURES: FROM UNDERSTANDING TO TREATMENT	ICL 4 HOW TO AVOID COMPLICATIONS IN REVERSE SHOULDER ARTHROPLASTY?	
19.00 - 19.55h			
	<b>Chair:</b> Enrico Bellato (Italy)	<b>Chair:</b> Patric Raiss (Germany)	
20.00 - 20.30h	WORKSHOPS Arthrex	➤ Lima Corporate     Orthogaedic ←motion	
20.35h	SCIENTIFC SESSION 3 CUFF I	SCIENTIFC SESSION 4 TRAUMA	
21.50h	End of the SECEC day		

Wednesday, October 21		
CET timezone	ROOM 1	
18.00h - 19.00h	INDUSTRY SESSION	WRIGHT. FOCUSED EXCELLENCE
19.15h - 20.15h	INDUSTRY SESSION	ZIMMER BIOMET Your progress. Our promise!
20.30h - 21.30h	INDUSTRY SESSION	Medacta International



NOVEMBER 2020			
	Wednesday, November 11		
CET timezone	ROOM 1	ROOM 2	
19.00 - 19.55h	ICL 5 EVALUATION AND MANAGEMENT OF SEVERE GLENOID BONE LOSS IN REVISION CASES OF SHOULDER ARTHROPLASTY  Chairs: Giuseppe Porcellini (Italy) Ralph Hertel (Switzerland)	ICL 6  MANAGEMENT OF AC JOINT INJURIES – AC JOINT ANATOMY AND BIOMECHANICS IN 2020  Chair: Andreas Imhoff (Germany)	
20.00 - 20.30h	WORKSHOPS	<b>Medacta</b> SmithNephew	
20.35h	SCIENTIFC SESSION 5 INSTABILITY I	SCIENTIFC SESSION 6 SHOULDER ARTHROPLASTY II	
21.50h	End of the	SECEC day	

Wednesday, November 25		
CET timezone	R	00M 1
18.00h - 19.00h	INDUSTRY SESSION	Smith-Nephew
19.15h - 20.15h	INDUSTRY SESSION	CONMED® CORPORATION
20.30h - 21.30h	INDUSTRY SESSION	Arthrex



DECEMBER 2020		
	Wednesday, December 9	
CET timezone	ROOM 1	ROOM 2
19.00 - 19.55h	ICL 7 TREATMENT OF PROXIMAL HUMERUS FRACTURES IN 2020- DIFFICULT DECISIONS IN THE FACE OF EVIDENCE	ICL 8 ANTERIOR SHOULDER INSTABILITY
19.00 - 19.5511	Chairs: Uli Brunner (Germany)	Chair: Juha Paloneva (Finland)
20.00 - 20.30h	WORKSHOPS   CORPORATION  Lima Corporate Orthopsedic & motion	
20.35h	SCIENTIFC SESSION 7 CUFF II	SCIENTIFC SESSION 8 INSTABILITY II
21.50h	End of the SECEC day	

Wednesday, December 23		
CET timezone ROOM 1		
18.00h - 19.00h	INDUSTRY SESSION	
19.15h - 20.15h	INDUSTRY SESSION	
20.30h - 21.30h	INDUSTRY SESSION	

# PROGRAM SEPTEMBER 2020



### **SCIENTIFIC PROGRAM**

SEPTEMBER 2020		
Wednesday, September 9		
CET timezone	ROOM 1	ROOM 2
19.00 - 19.55h	ICL 1 PROXIMAL ULNA FRACTURES: CURRENT CONCEPTS  Chair: Roger Van Riet (Belgium)	ANATOMICAL SHOULDER ARTHROPLASTY: CURRENT INDICATIONS, TECHNIQUES AND RESULTS  Chair: Olivier Verborgt (Belgium)
20.00 - 20.30h	COVID-19 SESSION	
20.35h	SCIENTIFC SESSION 1 SHOULDER ARTHROPLASTY I	SCIENTIFC SESSION 2 ELBOW
21.50h	End of the SECEC day	

Wednesday, September 23







# SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9 19.00-19.55 CET • INSTRUCTIONAL COURSE LECTURES

### **ICLs**



ROOM 1 - 19.00-19.55h

Chair: Roger Van Riet (BE)

ICL 1:
PROXIMAL ULNA FRACTURES:
CURRENT CONCEPTS

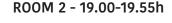
Alexander Van Tongel (BE) Biomechanics, classification and approaches to the coronoid and proximal ulna

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



Chair: Olivier Verborgt (BE)

# 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 • COVID-19 SESSION

### COVID IN SHOULDER AND ELBOW SURGERY

### PANEL DISCUSSION

### CHAIR



Emilio Calvo (Spain)

Mario Borroni (Italy)



Anders Ekelund (Sweden)



**PANELISTS** 

Przemyslaw Lubiatowski (Poland)



Amar Rangan (UK)

### 1. COVID AND CLINICAL PRACTICE IN SHOULDER AND ELBOW SURGERY

- Impact of Covid pandemic in shoulder and elbow surgery: experiences from Italy (Gumina et al. JSES2020) and Spain (Garcia-Portabella el al. JSES2020)
- Future of telemedicine:
  - Patient's portal
  - Online validated questionnaires
  - Telematic physical exam
  - Online tools and apps to help patient postoperative recovery
- Will elective surgery move from hospitals to outpatient surgical centers, including shoulder arthroplasty?
- Will access to clinical appointments be simplified?. Online consultation.
- Telemedicine in shoulder and elbow rehabilitation: Will Covid pandemic promote a decreased utilization of formal physical therapy?
- How relations between surgeons and industry may change after Covid?

### 2. COVID AND MEDICAL EDUCATION IN SHOULDER AND ELBOW SURGERY

- Impact of Covid19 on medical education in shoulder and elbow surgery: from medical students to consultants
- Future key role of virtual learning:
  - Web based learning
  - Remote conferencing services (Zoom, Teams, etc)
  - Surgical simulators
  - Virtual medicine
- Future role of courses, congresses, and other medical educational activities.

  What is the real value of webinars and econgresses?. Will they replace face-to-face meetings?
- Role of scientific societies in uploading material for online medical education
- The American experience: Efficiency of Objective Structured Assessment of Technical Skills (OSATS), Global Rating Scales, and ABOS Surgical Skills Assessment in resident's education
- · Has lockdown been an opportunity to step back and examine medical education programs?

### 3. COVID AND RESEARCH IN SHOULDER AND ELBOW SURGERY

- Has lockdown been an opportunity for research?
- Has designated time for mentorship and professional development been regained?



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 <sup>2</sup>- 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 Mcbride<sup>1</sup>, Richard Page<sup>2</sup>, Mark Ross<sup>3</sup>, Fraser Taylor<sup>4</sup>

- 1. GoldCoast University Hospital, Gold Coast, Australia
- <sup>2</sup>. Geelong Orthopaedics, Geelong, Australia
- <sup>3</sup>. 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

- <sup>1</sup>. La Tour Hospital, Geneva, Switzerland
- <sup>2</sup>. Centre Hospitalier Privé Saint-Grégoire (Vivalto Santé), Saint- Grégoire, France
- 3. CHU Trousseau, Tours, France
- <sup>4</sup>. 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

### 0-07 Stemless total shoulder arthroplasty: does it restore the native joint geometry?

Lokesh Chawla<sup>1</sup>, Kapil Kumar<sup>2</sup>, Scott Barker<sup>1</sup>,<sup>2</sup>

- <sup>1</sup>. Aberdeen Royal Infirmary, Aberdeen, United Kingdom
- <sup>2</sup>. Woodend General Hospital, Aberdeen, United Kingdom



# O-08 1 Long term clinical and radiological results of an all-polyethylene, pegged, bone ingrowth glenoid component.

Matthew C Evans<sup>1</sup>, Paul Borbas<sup>2</sup>, David Mcd Taylor<sup>3</sup>, Steven Lee<sup>4</sup>, Malin Wijeratna<sup>5</sup>

- <sup>1</sup>. Melbourne Orthopaedic Group, Windsor, Australia
- <sup>2</sup>. 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 Emery¹

- 1. Department Surgery and Cancer, Imperial College London, London, United Kingdom
- <sup>2</sup>. Department of Bioengineering, Imperial College London, London, United Kingdom
- <sup>3</sup>. Department of Clinical Sciences, Danderyd Hospital, Karolinska Institutet, Stockholm, Sweden
- 4. Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden

# O-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

# O-11 Five-Year Outcomes Of Pyrocarbon Humeral Resurfacing Arthroplasty In Young Patients: Analysis From The Australian Orthopaedic Association National Joint Replacement Registry

Andrew Phillip Mcbride<sup>1</sup>, Mark Ross<sup>2</sup>, Greg Hoy<sup>3</sup>, Richard Page<sup>4</sup>, Phillip Duke<sup>2</sup>, Fraser Taylor<sup>1</sup>

- 1. Gold Coast University Hospital, Gold Coast, Australia
- <sup>2</sup>. Brisbane Hand and Upper Limb Research Institute, Brisbane, Australia
- 3. Melbourne Orthopaedic Group, Melbourne, Australia
- 4. Geelong Orthopaedics, Geelong, Australia

# O-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

### O-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





# O-14 Magnetic Resonance Imaging (MRI) Measurement Of The Anterior Glenoid Angle: A New Method Of Assessment Of Glenoid Version

Christopher Luke Antonacci<sup>1</sup>, Mina Abdelshahed<sup>2</sup>,<sup>3</sup>, Frank Alberta<sup>2</sup>,<sup>4</sup>, Michael Cutalo<sup>2</sup>, Russell Fritz<sup>5</sup>

- 1. Rothman Orthopaedic Institute, Glen Rock, New Jersey, United States
- <sup>2</sup>. Hackensack University Medical Center, Hackensack, New Jersey, United States
- <sup>3</sup>. Union County Orthopaedic Group, Linden, United States
- 4. Rothman Orthopaedic Institute, New Jersey, United States
- 5. Novato Diagnostic Radiologists, Novato, California, United States

# 0-15 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 Taylor<sup>1</sup>, Andrew Mclean<sup>1</sup>, Owain Critchley<sup>2</sup>, Richard Page<sup>3</sup>,<sup>4</sup>,<sup>5</sup>, Gregory I Bain<sup>2</sup>,<sup>6</sup>, Stephen Graves<sup>7</sup>

- 1. Gold Coast University Hospital, Gold Coast, Australia
- <sup>2</sup>. Flinders University, Adelaide, Australia
- <sup>3</sup>. 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. Harasymczuk<sup>1</sup>,<sup>2</sup>, Anthony M. Vaichinger<sup>1</sup>, Graham D. Pallante<sup>1</sup>, James S. Fitzsimmons<sup>1</sup>, Shawn W. O'Driscoll<sup>1</sup>

- <sup>1</sup>. Mayo Clinic, Rochester, United States
- <sup>2</sup>. Poznan University of Medical Sciences, Poznan, Poland

# **O-18 Minimal Damage To The Supinator Muscle After Double Incision Technique For Distal Biceps Repair.** Davide Blonna<sup>1</sup>, Alberto Olivero<sup>2</sup>, Claudia Galletta<sup>2</sup>, Valentina Greco<sup>2</sup>, Filippo Castoldi<sup>3</sup>, Marco Davico<sup>4</sup>, Roberto Rossi<sup>5</sup>

- <sup>1</sup>. Maurizio Umberto I Hospital, Turin, Italy
- <sup>2</sup>. 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





### O-19 Radial Head Fractures: Quantitative 3D-CT Analysis

Silvio Lampaert, Lieven De Wilde, Alexander Van Tongel University Hospital Gent, Gent, Belgium

### 0-20 Interosseus Membrane Reconstruction For Longitudinal Instability Injuries Of The Forearm.

Matthew Ricks, Adam Watts, Andrew Keightley Wrightington Hosptial, 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 Universitario La Paz, Madrid, Spain

### O-23 Revision Radial Head Arthroplasty With Deliberate Underlengthening Of The Prosthesis.

Izaäk F Kodde<sup>1,2</sup>, Annelien De Mesel<sup>1,3</sup>, Jan Debeij<sup>1,4,5</sup>, Roger P Van Riet<sup>1,6</sup>

- <sup>1</sup>. AZ Monica, Antwerp, Belgium
- <sup>2</sup>. St. Antonius Hospital, Utrecht, The Netherlands
- 3. Antwerp rehab Training, Antwerp, Belgium
- 4. Xpert Clinics, Rotterdam, The Netherlands
- <sup>5</sup>. 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 Kwak<sup>1</sup>, Erica Kholinne<sup>1</sup>, Yucheng Sun<sup>1</sup>, Ivan Micic<sup>2</sup>, In-Ho Jeon<sup>1</sup>

- <sup>1</sup>. Asan Medical Center, Seoul, South Korea
- <sup>2</sup>. University of Niš, Niš, Serbia

# 0-25 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 Triqueiros, César Silva

Centro Hospitalar Universitário do Porto, Orthopedics Department, Porto, Portugal





# 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 Hudek¹

- <sup>1</sup>. Rhön Klinikum AG, Bad Neustadt, Germany
- <sup>2</sup>. Reha Sport Clinic, Poznan, Poland
- 3. Traumatology, Orthopedics and Hand Surgery Clinic, Poznan, Poland

### 0-28 Reliability And Validity Of The Wrightington Classification Of Elbow Fracture Dislocation

Zaid Hamoodi<sup>1</sup>, Jagwant Singh<sup>2</sup>, Mike Elvey<sup>3</sup>, Adam Charles Watts<sup>1</sup>

- 1. Wrightington Hospital, Wigan, United Kingdom
- <sup>2</sup>. Lewisham and Greenwich NHS Trust, London, United Kingdom
- 3. London North West University Healthcare NHS Trust, London, United Kingdom

# 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 Cucchi<sup>1</sup>, Francesco Luceri<sup>2</sup>, Andrea Zagarella<sup>2</sup>, Michele Catapano<sup>2</sup>, Alessandra Menon<sup>2</sup>, Max Friedrich<sup>1</sup>, Valentin Bruno<sup>2</sup>, Pietro Randelli<sup>2</sup>, Paolo Arrigoni<sup>2</sup>

- 1. Universitätsklinikum Bonn, Bonn, Germany
- <sup>2</sup>. University of Milan, Milano, Italy

### O-32 Arthroscopic Treatment Of Isolated Coronoid Fracture: Results On 47 Patients With 2 Years Minimum Follow-Up

Enrico Guerra<sup>1</sup>, Davide Blonna<sup>2</sup>, Alessandra Colozza<sup>3</sup>, Paolo Arrigoni<sup>4</sup>, Giuseppe Carbone<sup>5</sup>, Alessandro Marinelli<sup>1</sup>, Marco Cavallo<sup>1</sup>, Roberto Rotini<sup>1</sup>

- 1. Shoulder and Elbow Unit, Rizzoli Orthopaedic Institute, Bologna, Italy
- <sup>2</sup>. Orthopedics and Traumatology Department, Mauriziano-Umberto I Hospital, Torino, Italy
- 3. Unità operativa di Ortopedia e Traumatologia, Ospedale Civile, Faenza, Italy
- 4. U.O. Clinica Ortopedica e Traumatologica CTO Gaetano Pini, Milano, Italy
- 5. II Orthopaedic and Traumatologic clinic, Rizzoli Orthopaedic Institute, Bologna, Italy

### O-33 The Distance Of The Median Nerve From The Brachialis Muscle Changes Significantly With Elbow And Forearm Movements

Davide Cucchi<sup>1</sup>, Francesco Luceri<sup>2</sup>, Carlo Zaolino<sup>2</sup>, Alessandra Menon<sup>2</sup>, Max Friedrich<sup>1</sup>, Christof Burger<sup>1</sup>, Paolo Arrigoni<sup>2</sup>, Kilian Wegmann<sup>3</sup>

- 1. Universitätsklinikum Bonn, Bonn, Germany
- <sup>2</sup>. 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 Jokiel<sup>1</sup>,<sup>2</sup>, Piotr Czarnecki<sup>1</sup>, Ewa Breborowicz<sup>1</sup>, Leszek Romanowski<sup>1</sup>

- 1. Hand Surgery Department Poznan University Of Medical Sciences, Poznan, Poland
- <sup>2</sup>. 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 Cavaciocchi<sup>1</sup>, Alessandra Colozza<sup>1</sup>, Sara Padovani<sup>1</sup>, Cristina Galavotti<sup>2</sup>, Luigi Perna<sup>1</sup>, Alberto Trimarchi<sup>1</sup>. AUSL della Romagna, Faenza (ra), Italy

AUSL della Romagna, Faenza (ra), Italy
 ASST Cremona (CR), Cremona, Italy

SCIENTIFIC PROGRAM • WEDNESDAY, SEPTEMBER 9

21.50 CET • END OF THE SECEC DAY





OCTOBER 2020		
Wednesday, October 7		
CET timezone	ROOM 1	ROOM 2
	ICL 3 CORONOID FRACTURES: FROM UNDERSTANDING TO TREATMENT	ICL 4 HOW TO AVOID COMPLICATIONS IN REVERSE SHOULDER ARTHROPLASTY?
19.00 - 19.55h		
	<b>Chair:</b> Enrico Bellato (Italy)	<b>Chair:</b> Patric Raiss (Germany)
20.00 - 20.30h	WORKSHOPS Arthrex	★ Lima Corporate     Critopasdic € motion     ZIMMER BIOMET     Your progress. Our promise!
20.35h	SCIENTIFC SESSION 3 CUFF I	SCIENTIFC SESSION 4 TRAUMA
21.50h	End of the SECEC day	

Wednesday, October 21

**INDUSTRY SESSION** 









# SCIENTIFIC PROGRAM • WEDNESDAY, OCTOBER 7 19.00-19.55 CET • INSTRUCTIONAL COURSE LECTURES

### **ICLs**



ROOM 1 - 19.00-19.55h

Chair: Enrico Bellato (Italy)



ROOM 2 - 19.00-19.55h

Chair: Patric Raiss (Germany)

ICL 3: CORONOID FRACTURES: FROM UNDERSTANDING TO TREATMENT.

### Enrico Bellato (IT)

How biomechanics and classification can help in clinical practice?

### Antonio Foruria (SP)

Conservative treatment of coronoid fractures

### Stefan Greiner (DE)

Tips and tricks for ORIF of tip and anteromedial coronoid fractures

### Davide Blonna (IT)

Arthroscopic treatment of coronoid fractures and associated lesions: indications, surgical technique and results

### Shawn O'Driscoll (USA)

Basal coronoid fractures

### Joaquin Sanchez Sotelo (USA)

What to do when something went wrong: persistent elbow instability

### ICL 4:

HOW TO AVOID COMPLICATIONS IN REVERSE SHOULDER ARTHROPLASTY?

### Filippo Castoldi (IT)

What are the complications in RSA in 2020?

### Patrick Denard (USA)

How to avoid acromial stress fractures?

### Eric Richetti (USA)

How to avoid infection after RSA?

### Philippe Collin (FR)

How to avoid instability in RSA?

SCIENTIFIC PROGRAM • WEDNESDAY, OCTOBER 7
20.00-20.30 CET • WORKSHOPS











ROOM 1 - 20.35h SESSION 3: CUFF I

# O-36 Do Champagne Toast And Champagne Pour Clinical Tests Correlate With Location And Size Of Rotator Cuff Tears?

Amanda J. Naylor, Allison J. Rao, Gregory Cvetanovich, Michael O'Brien, Michael Charles, William Chan, Gregory P. Nicholson

Midwest Orthopaedics at Rush, Chicago, United States

### 0-37 Mobile Application In The Diagnosis Of Shoulder Pain For General Physicians.

Michael Marsalli<sup>1,2</sup>, Oscar Sepúlveda<sup>1</sup>, Joaquín De La Paz<sup>1</sup>

- 1. Hospital del Trabajador, Santiago, Chile
- <sup>2</sup>. Clínica Universidad de los Andes, Santiago, Chile

# 0-38 Evaluation of three different rehabilitation protocols after rotator cuff repair, and the effectiveness of water/pool therapy. A randomized control study.

Alec Cikes<sup>1</sup>, Fayssal Kadri<sup>1</sup>, Alexandre Lädermann<sup>2</sup>

- 1. Synergy Medical, Lausanne, Switzerland
- <sup>2</sup>. Clinique La Tour, Geneva, Switzerland

# O-39 Simultaneous Strain Measurements Of Single-Row Repair And Double-Row Repair In Comparison To Intact Rotator Cuff Tendons

Punn Kuhataparuks<sup>1</sup>, Jia-Min Sheng<sup>2</sup>, Khye Soon Andy Yew<sup>3</sup>, Siaw Meng Chou<sup>2</sup>, Soon Huat Tan<sup>2</sup>, Tjiauw Tjoen Denny Lie<sup>3</sup>

- 1. Duke-NUS Medical School, Singapore, Singapore
- <sup>2</sup>. Nanyang Technological University, Singapore, Singapore
- 3. Singapore General Hospital Department of Orthopaedic Surgery, Singapore, Singapore

# O-40 Comparison Of Repair Integrity And Functional Outcomes Between Knot-Tying And Knotless Suture-Bridge Arthroscopic Rotator Cuff Repair: A Prospective Randomized Clinical Trial

Koray Sahin<sup>1</sup>, Fatih Senturk<sup>1</sup>, Mehmet Ersin<sup>2</sup>, Mechmet Chodza<sup>3</sup>, Ufuk Arzu<sup>4</sup>, Ali Ersen<sup>5</sup>

- <sup>1</sup>. Istanbul University Istanbul Medical Faculty, Istanbul, Turkey
- <sup>2</sup>. Haseki Training and Research Hospital, Istanbul, Turkey
- 3. VKV American Hospital, Istanbul, Turkey
- 4. Dogubeyazit State Hospital, Agri, Turkey
- 5. Istanbul Universitiy Istanbul Medical Faculty, Istanbul, Turkey

### O-41 Long Term Outcomes After Arthroscopic Knotless Transosseous Equivalent Repair: Clinical And MRI Results Of Medium To Large Tears At A Minimum Follow-Up Of 10 Years

Kadir Büyükdogan<sup>1</sup>, Özgür Koyuncu<sup>2</sup>, Lercan Aslan<sup>1</sup>, Olgar Birsel<sup>1</sup>, Ilker Eren<sup>3</sup>, Mehmet Demirhan<sup>3</sup>

- 1. Koc University Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>2</sup>. VKV American Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- 3. Koc University, School of Medicine, Department of Orthopedics and Traumatology, Istanbul, Turkey





# O-42 Surgery And Physiotherapy Were Both Successful In The Treatment Of Small, Acute, Traumatic Rotator Cuff Tears: A Prospective Randomized Trial.

Mats Ranebo<sup>1</sup>, Hanna Björnsson Hallgren<sup>2</sup>, Theresa Holmgren<sup>2</sup>, Lars Adolfsson<sup>2</sup>

- 1. Orthopedic Department Kalmar, Kalmar, Sweden
- <sup>2</sup>. Orthopedic Department Linköping University Hospital, Linköping, Sweden

### 0-43 Arthroscopic Rotator Cuff Repair: Is Healing Enough?

Philippe Collin<sup>1</sup>, Nima Bagheri<sup>1</sup>, Philippe Clavert<sup>2</sup>, Jerome Garet<sup>3</sup>

- <sup>1</sup>. CHP, Pace, France
- <sup>2</sup>. CHU, Strasbourg, France
- 3. clinique du parc, Lyon, France

### O-44 Arthroscopic Knotless Separate Layer Transosseous Equivalent Repair Of Delaminated Rotator Cuff Tears

Kadir Büyükdogan<sup>1</sup>, Özgür Koyuncu<sup>2</sup>, Ilker Eren<sup>3</sup>, Olgar Birsel<sup>1</sup>, Michael A Fox<sup>4</sup>, Mehmet Demirhan<sup>3</sup>

- 1. Koc University Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>2</sup>. VKV American Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- 3. Koc University, School of Medicine, Department of Orthopedics and Traumatology, Istanbul, Turkey
- 4. University of Pittsburgh, Department of Orthopedics and Traumatology, Pittsburgh, United States

# O-45 Degenerative Status Of Acromio-Clavicular Joint And Correlation Study Between Clinical Condition And X-Ray In Patients With Supra-Spinatus Tear.

Ludovic Labattut<sup>1</sup>, Jérome Garret<sup>2</sup>, David Gallinet<sup>3</sup>, Pierre Metais<sup>4</sup>, Nicolas Bonneviale<sup>5</sup>, Philippe Clavert<sup>6</sup>

- <sup>1</sup>. CHU de Dijon, Dijon, France
- <sup>2</sup>. Clinique du parc, Lyon, France
- 3. Clinique Saint Vincent, Besançon, France
- 4. Hôpital Privé La Chataigneraie, Beaumont, France
- <sup>5</sup>. CHU Toulouse, Toulouse, France
- 6. CHU Strasbourg, Strasbourg, France

### O-46 Arthroscopic Partial Subscapularis Transfer (Coffield'S Modified Method) for Irreparable Rotator Cuff Tear

Kazuhiko Kikugawa, Yasuhiko Sumimoto Mazda Hospital, Hiroshima, Japan

# O-47 The Role Of The Coracohumeral Distance And Coracoid Overlap As Risk Factors For Subscapularis Tears.

Maria João Leite, André Pinho, Miguel Relvas, António Sousa, João Torres São João University Hospital, Porto, Portugal

### O-48 Pectoralis Minor Transfer For The Treatment Of Irreparable Subascapularis Lesions: 10-Year Follow-Up Results.

Giuseppe Porcellini<sup>1</sup>, Luigi Tarallo<sup>1</sup>, Paolo Paladini<sup>2</sup>, Gian Mario Micheloni<sup>3</sup>, Andrea Giorgini<sup>1</sup>, Fabio Catani<sup>1</sup>

- 1. Policlinico di Modena UNIMORE, Modena, Italy
- 2. Ospedale Cervesi, Cattolica, Italy
- 3. AULSS<sup>8</sup> Berica Ospedale San Bortolo, Vicenza, Italy





### O-49 Ultrasound Assisted Intralesional Methylene Blue Injection For The Arthroscopic Decompression Of Spinoglenoid Notch Cyst Causing Suprascapular Neuropathy

Kadir Büyükdogan¹, Burak Altintas², Özgür Koyuncu³, Lercan Aslan¹, Olgar Birsel¹, Ilker Eren⁴, Mehmet Demirhan⁴

- <sup>1</sup>. Koc University Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>2</sup>. Hospital for Special Surgery, New York, United States
- <sup>3</sup>. VKV American Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>4</sup>. Koc University, School of Medicine, Department of Orthopedics and Traumatology, Istanbul, Turkey

# O-50 Exercise Vs. Oral Corticosteroid: Effects On Pain, Function And Depression Status In Adhesive Capsulitis: A Randomized Controlled Trial

Zeynal Yasaci<sup>1</sup>, Derya Çelik<sup>1</sup>, Ali Ersen<sup>2</sup>

- <sup>1</sup>. Department of Physiotherapy and Rehabilitation, Faculty of Health Sciences, Istanbul University-Cerrahpasa, Istanbul, Turkey
- <sup>2</sup>. Department of Orthopaedics and Traumatology, Faculty of Medicine, Istanbul University, Istanbul, Turkey

### O-51 The effects of rotator cuff tear on shoulder proprioception

Vittorio Candela<sup>1</sup>, Stefano Carbone<sup>2</sup>, Stefano Gumina<sup>1</sup>

- <sup>1</sup>. Sapienza University, Rome, Italy
- <sup>2</sup>. San Feliciano Clinic, Rome, Italy

### ROOM 2 - 20.35h SESSION 4: TRAUMA

# 0-52 Nationwide Trends In The Australian Management Of Proximal Humerus Fractures: An Analysis Of 77,966 Cases From 2008 To 2017.

Fraser James Taylor<sup>1</sup>, Andrew S Mclean<sup>1</sup>, Nathan Price<sup>1</sup>, Alesha Hatton<sup>2</sup>, Stephen Graves<sup>2</sup>

- <sup>1</sup>. Gold Coast University Hospital, Gold Coast, Australia
- <sup>2</sup>. Australian Orthopaedic Association National Joint Registry, Adelaide, Australia

# O-53 Conservative Treatment Of Displaced Isolated Proximal Humerus Greater Tuberosity Fractures – Preliminary Results Of A Prospective, CT-Based Registry Study

Sam Razaeian¹, Nael Hawi¹, Dafang Zhang², Emmanouil Liodakis¹, Rupert Meller¹, Christian Krettek¹

- 1. Hannover Medical School, Hannover, Germany
- <sup>2</sup>. Brigham and Women's Hospital, Boston, United States

# O-54 Functional Outcome Of Operative Versus Nonoperative Treatment Of Humeral Shaft Fractures: Results Of A Prospective Multicenter Cohort Study

Dennis Den Hartog, Kiran C. Mahabier, Michael H.J. Verhofstad, Esther M.M. Van Lieshout, HUMMER Investigators

Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands



### O-55 Revisiting Percutaneous Fixation For Proximal Humerus Fractures

Megan Diack, Kenneth Kaar, Nouman Baig University Hospital Galway, Galway, Ireland

### O-56 Medial Buttress Plating For Humerus Fractures With Unstable Medial Column

Sam-Guk Park

Yeungnam university hospital, Daegu, South Korea

### O-57 Unhappy Triad After Plate Fixation Of Proximal Humeral Fractures

Gabriel Cardenas, Manuel Ignacio Olmos, Tyler Johnston, Pascal Boileau Hôpital Pasteur <sup>2</sup> - IULS, Nice, France

# O-58 The Humeral Head Push-Pull Plate Technique Significantly Diminishes Secondary Complications In The Treatment Of Osteoporotic Varus Displaced Proximal Humeral Fractures.

Guy Emile Putzeys az groeninge, Kortrijk, Belgium

# O-59 Complex Humeral Head Fractures Treated With Blocked Threaded Wires: Maintenance Of The Reduction And Clinical Results With Two Different Biomechanical Constructs

Stefano Gumina<sup>1</sup>, Vittorio Candela<sup>1</sup>, Daniele Passaretti<sup>2</sup>, Stefano Carbone<sup>3</sup>

- <sup>1</sup> Sapienza University, Rome, Italy
- <sup>2</sup>. CTO Hospital, Rome, Italy
- 3. San Feliciano Hospital, Rome, Italy

# O-60 Analysis Of Early And Late Clinical And Radiological Complications Of Proximal Humeral Fractures Using Open Reduction, Internal Fixation And Intramedullary Titanium Cage Augmentation.

Giuseppe Della Rotonda, Michele Ciccarelli, Andrea Cozzolino, Stefano Viglione, Antonio Guastafierro, Raffaele Russo

Pineta Grande Hospital, Napoli, Italy

# O-61 The Natural History And Epidemiology Of Minimally Displaced And Isolated Greater Tuberosity Fractures

Adhish Avasthi<sup>1</sup>, Soma Chatterji<sup>2</sup>, Chris Peach<sup>2</sup>

- <sup>1</sup>. St. Richard's Hospital, Chichester, United Kingdom
- <sup>2</sup>. Wythenshawe Hospital, Manchester, United Kingdom

# O-62 Arthroscopic Reduction And Transosseous Suture Fixation Of Avulsed Displaced Greater Tuberosity Fracture

Basim A.n. Fleega GOC Schulterklinik Bonn, Bonn, Germany

# 0-63 One Or Three-Weeks Immobilization Period In Proximal Humeral Fractures Conservatively Treated. Prospective Randomized Study.

Raquel Martínez Torregrosa<sup>1</sup>, Fernando Santana Perez<sup>2</sup>, Carlos Torrens Canovas<sup>2</sup>

- 1. Hospital de Igualada, Barcelona, Spain
- 2. Hospital del Mar, Barcelona, Spain





### O-64Constant Score Doesn't Faithfully Reflect Patients' Subjective Perception Of The Outcome: Study After Surgical Treatment Of Proximal Humeral Fractures

Maria Vall Camell<sup>1</sup>, Luis Gerardo Natera Cisneros<sup>1</sup>, Enric Cruz Olivé<sup>1</sup>, Carlos Torrens Cànovas<sup>2</sup>

- 1. Hospital General de Granollers, Granollers, Spain
- <sup>2</sup>. Parc de Salut Mar, Barcelona, Spain

# O-65 Independent Destiny Of The Two Tuberosities In Patients With Complex Humeral Fractures Treated With Reverse Shoulder Arthroplasty And Interposition Autologous Graft.

Vittorio Candela<sup>1</sup>, Stefano Carbone<sup>2</sup>, Stefano Gumina<sup>1</sup>

- <sup>1</sup>. Sapienza University, Rome, Italy
- <sup>2</sup>. San Feliciano Hospital, Rome, Italy

# O-66 High-Energy Comminuted Midshaft Clavicle Fractures: Midterm Clinical And Radiological Results Of Operative Treatment Using Assisted Suture Loop Reduction And Internal Fixation With Anatomical Locking Plates.

Andreas Panagopoulos, Anastasia Ampariotou, Ioanna Lianou, Zinon T Kokkalis, Antonis Kouzelis Orthopaedic Department, Patras University Hospital, Patras, Greece

# **O-67 Long-Term Results Of Arthroscopic Reduction And Fixation Of Anterior Glenoid Rim Fractures** Nina Maziak<sup>1</sup>, Andreas Ulrich Keck<sup>1</sup>, Marvin Minkus<sup>1</sup>, Markus Scheibel<sup>2</sup>

- 1. Charité University Medicine, Berlin, Germany
- <sup>2</sup>. Schulthess Clinic, Zurich, Switzerland

# O-68 Long-Term Results Of Non-Operative Treatment Of Anterior Glenoid Rim Fractures After Primary Traumatic Anterior Shoulder Dislocation

Lukas Ernstbrunner, Manuel Waltenspül, Elias Amman, Arend Nieuwland, Karim Eid, Christian Gerber, Karl Wieser

Balgrist University Hospital, Zürich, Switzerland

### 0-69 Shoulder Injuries In Patients Affected By Epileptic Seizures.

Max Friedrich<sup>1</sup>, Sebastian Walter<sup>1</sup>, Tobias Baumgartner<sup>1</sup>, Robert Ossendorff<sup>1</sup>, Hendrik Kohlhof<sup>1</sup>, Paolo Arrigoni<sup>2</sup>, Christof Burger<sup>1</sup>, Dieter Christian Wirtz<sup>1</sup>, Davide Cucchi<sup>1</sup>

- 1. Universitätsklinikum Bonn, Bonn, Germany
- <sup>2</sup>. University of Milan, Milano, Italy

SCIENTIFIC PROGRAM • WEDNESDAY, OCTOBER 7
21.50 CET • END OF THE SECEC DAY







NOVEMBER 2020			
	Wednesday, November 11		
CET timezone	ROOM 1	ROOM 2	
19.00 - 19.55h	ICL 5 EVALUATION AND MANAGEMENT OF SEVERE GLENOID BONE LOSS IN REVISION CASES OF SHOULDER ARTHROPLASTY	ICL 6  MANAGEMENT OF AC JOINT INJURIES – AC JOINT ANATOMY AND BIOMECHANICS IN 2020	
	<b>Chairs:</b> Giuseppe Porcellini (Italy) Ralph Hertel (Switzerland)	Chair: Andreas Imhoff (Germany)	
20.00 - 20.30h	WORKSHOPS CONNER	Medacta Smith-Nephew International □	
20.35h	SCIENTIFC SESSION 5 INSTABILITY I	SCIENTIFC SESSION 6 SHOULDER ARTHROPLASTY II	
21.50h	End of the	SECEC day	

Wednesday, November 25

**INDUSTRY SESSION** 





Smith-Nephew



# SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11 19.00-19.55 CET • INSTRUCTIONAL COURSE LECTURES

### **ICLs**





ROOM 1 - 19.00-19.55h

Chairs: Giuseppe Porcellini (Italy) Ralph Hertel (Switzerland)



ROOM 2 - 19.00-19.55h

Chair: Andreas Imhoff (Germany)

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 20.00-20.30 CET • WORKSHOPS





**Smith**Nephew





ROOM 1 - 20.35h

**SESSION 5: INSTABILITY I** 

### 0-70 The Role Of The Glenoid Version In Glenohumeral Instability

Onur Tunali<sup>1</sup>, Gokhan Karademir<sup>2</sup>, Ali Ersen<sup>3</sup>, Ata Can Atalar<sup>1</sup>

- 1. Acibadem Maslak Hospital, Istanbul, Turkey
- <sup>2</sup>. 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-Davies², Patrick Goetti³, Marie-Lyne Nault⁴, Dominique M Rouleau⁴

- <sup>1</sup>. CHU Liege, Liege, Belgium
- <sup>2</sup>. 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. Provencher⁶,²

- 1. Eglin Air Force Base, Pensacola, United States
- <sup>2</sup>. 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

### 0-73 The "purse string" technique for anterior glenohumeral instability: long term results.

Georgios Panagopoulos, Andreas Leonidou, Panagiotis Anastasopoulos, 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 Collin<sup>1</sup>, Antony Hervé<sup>2</sup>, Alexander Laedermann<sup>3</sup>

- 1. CHP, St Gregoire, France
- <sup>2</sup>. CHP, Saint Gregoire, France
- 3. la tour, Geneve, Switzerland





# 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

- <sup>1</sup>. Fayoum University, Fayoum, Egypt
- <sup>2</sup>. Sanatorio Allende, Córdoba, Argentina
- 3. Oregon Health & Science University, Portland, United States
- <sup>4</sup>. <sup>1</sup>a Clinica Ortopedica, ASST PINI-CTO, Università degli Studi di Milano, Milano, Italy
- <sup>5</sup>. Centre Hospitalier Privé Saint-Grégoire (Vivalto Santé), Saint- Grégoire, France
- <sup>6</sup>. La Tour Hospital, Geneva, Switzerland

### 0-76 Hyperabduction Test: Instability Test Or Simple Laxity Measurement?

Anselme Billaud<sup>1</sup>, Paul Maxime Lacroix<sup>2</sup>

- <sup>1</sup>. Institut du Sport, Merignac, France
- <sup>2</sup>. CHU Pellegrin, Bordeaux, France

# 0-77 iomechanical And Proprioceptive Study Of Atraumatic Shoulder Instability In Ehlers-Danlos Syndrome

Marta Jokiel<sup>1,2</sup>, Ewa Breborowicz<sup>1</sup>, Aleksandra Bartkowiak<sup>1</sup>, Anna Wachowiak<sup>1</sup>, Przemyslaw Lubiatowski<sup>1</sup>, Leszek Romanowski<sup>1</sup>

- 1. Hand Surgery Department Poznan University of Medical Sciences, Poznan, Poland
- <sup>2</sup>. 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 Hurley<sup>1</sup>,<sup>2</sup>,<sup>3</sup>, Martin S Davey<sup>1</sup>, Mohamed Gaafar<sup>1</sup>, Leo Pauzenberger<sup>1</sup>, Laith M Jazrawi<sup>2</sup>, Hannan Mullett<sup>1</sup>

- 1. Sports Surgery Clinic, Dublin, Ireland
- <sup>2</sup>. New York University, New York, United States
- 3. National University of Ireland Galway, Galway, Ireland

# O-80 Validation Of A Numerical And Electronic Version Of The WOSI (Western Ontario Shoulder Instability) Questionnaire

Jacquelina Achkar<sup>1</sup>, Emilie Sandman<sup>1</sup>, Alexis Rousseau-Saine<sup>1</sup>, Frederic Balq<sup>2</sup>, Dominique M Rouleau<sup>1</sup>

- 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





# O-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

- <sup>1</sup>. Hacettepe University Faculty of Medicine, Orthopaedics and Traumatology Department, Ankara, Turkey
- <sup>2</sup>. Ankara University Faculty of Engineering, Biomedical Engineering Department, Ankara, Turkey
- 3. Medline Adana Hospital, Orthopaedics and Traumatology Department, Adana, Turkey
- <sup>4</sup>. Stanford University Faculty of Medicine, Orthopaedics and Traumatology Department, Palo Alto, California, United States
- <sup>5</sup>. The Johns Hopkins University Faculty of Medicine, Orthopaedics and Traumatology Department, Baltimore, Maryland, United States

### O-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 Dlimi<sup>1</sup>, Paolo Piovan<sup>1</sup>, Andrea Fiocchi<sup>1</sup>, Antonello Lazzaro<sup>2</sup>, Renato Salvador<sup>3</sup>

- 1. Casa di Cura Madonna della Salute, Porto Viro, Italy
- <sup>2</sup>. Casa di Cura Villa Serena, Pescara, Italy
- 3. Università degli Studi di Padova, Padova, Italy

# O-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 Valencia¹, Javier Calvo¹, Antonio M Foruria¹, Diana Morcillo¹, Emilio Calvo¹

- 1. Hospital Universitario Fundación Jiménez Díaz, Madrid, España
- <sup>2</sup>. Department of Orthopaedic Surgery, ScPontificia Universidad Católica de Chile, Santiago De Chile, Chile

### O-85 Latarjet Procedure For Anterior Shoulder Instability: A 24-Year Follow Up Study

Claudio chillemi<sup>1</sup>, Mario Guerrisi<sup>2</sup>, Carlo Paglialunga<sup>2</sup>, Stefano Carli<sup>2</sup>, Riccardo Proietti<sup>2</sup>, Marcello Osimani<sup>3</sup> Istituto Chirurgico Ortopedico Traumatologico, Latina, Italy

- <sup>2</sup>. 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 Hurley<sup>1</sup>,<sup>2</sup>, John P Scanlon<sup>1</sup>, Martin S Davey<sup>1</sup>, Leo Pauzenberger<sup>1</sup>, Cathal J Moran<sup>1</sup>,<sup>3</sup>, Hannan Mullett<sup>1</sup>

- 1. Sports Surgery Clinic, Dublin, Ireland
- 2. National University of Ireland Galway, Galway, Ireland
- 3. Trinity College Dublin, Dublin, Ireland





# 0-87 Screw Removal Can Resolve Unexplained Anterior Pain Without Recurrence Of Instability After Open Latarjet Procedures

Steven Roulet<sup>1</sup>, Lorenzo Merlini<sup>1</sup>, Morgane Le Chatelier<sup>1</sup>, Damien Delgrande<sup>2</sup>, Pierre Métais<sup>3</sup>, Mo Saffarini<sup>4</sup>, Arnaud Godenèche<sup>1</sup>

- <sup>1</sup>. Centre Orthopédique Santy, Lyon, France
- <sup>2</sup>. 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 Launay<sup>1,2,3</sup>, Muhammad Naghman Choudhry<sup>1,2</sup>, Nicholas Green<sup>1,2</sup>, Peter Pivonka<sup>1,2</sup>, Kenneth Cutbush<sup>1,2,4</sup>, Ashish Gupta<sup>1,2,3,5</sup>

- 1. Queensland Unit for Advanced Shoulder Research, Brisbane, Australia
- <sup>2</sup>. Queensland University of Technology, Brisbane, Australia
- 3. Shoulder Surgery QLD Research Institute, Brisbane, Australia
- 4. Brisbane Private Hospital, Brisbane, Australia
- <sup>5</sup>. 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 Schoch<sup>1</sup>, Edward Haupt<sup>2</sup>, Thiago Love-Leonor<sup>3</sup>, Kevin Farmer<sup>2</sup>, Thomas Wright<sup>2</sup>, Joseph King<sup>2</sup>

- <sup>1</sup>. Mayo Clinic, Jacksonville, Fl, United States
- <sup>2</sup>. University of Florida, Gainesville, FL, United States
- 3. Inverted Tea LLC, Gainesville, FL, United States

# 0-90 Does The Subscapularis Refixation Effect The Clinical Outcome After Primary Reverse Shoulder Arthroplasty?

Yacine Ameziane<sup>1,2</sup>, Niny Myline Engel<sup>2</sup>, Malte Holschen<sup>3,1</sup>, Dominik Schorn<sup>2</sup>, Kai-Axel Witt<sup>1</sup>, Jörn Steinbeck<sup>1</sup>

- 1. Orthopedic Practice Clinic (OPPK), Muenster, Germany
- <sup>2</sup>. University Hospital Muenster, Department of Orthopedic Surgery, Muenster, Germany
- <sup>3</sup>. Raphaelsclinic 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 Ode<sup>1</sup>, Philippe Collin<sup>2</sup>, Morgane Rol<sup>3</sup>, Yoshihiro Hirakawa<sup>4</sup>, Alexandre Lädermann<sup>5</sup>

- 1. Service de chirurgie, New York, United States
- <sup>2</sup>. CHP Saint-Grégoire, Saint-Grégoire, France
- <sup>3</sup>. CHU, Caen, France
- 4. Département de chirurgie orthopédique, Osaka, Japan
- 5. Hôpital La Tour, Genève, Switzerland



# 0-92 Effects Of Radiological Lateralization Parameters On The Functional Outcome After Bilateral Reverse Total Shoulder Arthroplasty (RTSA)

Sebastian Lappen<sup>1,2</sup>, Alex Marzel<sup>1</sup>, Laurent Audigé<sup>1</sup>, Hans-Kaspar Schwyzer<sup>1</sup>, Markus Scheibel<sup>1,3</sup>

- 1. Schulthess Klinik, Zürich, Switzerland
- <sup>2</sup>. Klinikum rechts der Isar, München, Germany
- 3. Charité Universitätsmedizin Berlin, Berlin, Germany

# 0-93 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 Lievano<sup>1</sup>, Prashant Meshram<sup>1</sup>, Filippo Familiari<sup>2</sup>, Uma Srikumaran<sup>1</sup>, Edward Mcfarland<sup>1</sup>

- <sup>1</sup>. The Johns Hopkins University, Baltimore, United States
- <sup>2</sup>. 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

# 0-95 Reverse Shoulder Arthroplasty For Rotator Cuff Tears With And Without Prior Failed Repair: A Comparative Analysis

Alexander J. Vervaecke<sup>1,2</sup>, Andrew D. Carbone<sup>1</sup>, Jashvant Poeran<sup>1</sup>, Nicole Zubizarreta<sup>1</sup>, Bradford O. Parsons<sup>1</sup>, Leesa M. Galatz<sup>1</sup>, Olivier Verborgt<sup>3,2</sup>, Paul J. Cagle<sup>1</sup>

- 1. Icahn School of Medicine at Mount Sinai, New York City, United States
- <sup>2</sup>. University Hospital of Antwerp, Edegem, Belgium
- <sup>3</sup>. 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 Lo<sup>1</sup>, Raffaele Garofalo<sup>2</sup>, Alexander Sanders<sup>3</sup>, Temilola Majekodunmi<sup>2</sup>, Sumant Gopal Krishnan<sup>4</sup>

- 1. Baylor University Medical Center, Baylor Scott and White Health, Dallas, TX, USA, Dallas, United States
- <sup>2</sup>. 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

### 0-97 Microbiological Analysis Of Post-Operative Shoulder Infection:

Retrospective Multicenter Study Over A Seven-Year Period In Trauma, Arthroplasty And Arthroscopy Catherine Orban<sup>1</sup>, Jean-Michel Leduc<sup>2</sup>, Emilie Sandman<sup>2</sup>, Frederic Balg<sup>3</sup>, Stéphane Pelet<sup>4</sup>, Dominique M Rouleau<sup>2</sup>

- <sup>1</sup>. CHU Liege, Liege, Belgium
- 2. Université de Montréal, Montreal, Canada
- 3. Université de Sherbrooke, Sherbrooke, Canada
- 4. CHU Quebec, Quebec, Canada





### O-98 Retroverted Glenoid Reconstruction Using Delta Xtend Baseplate And Impacted Humeral Head Asymmetric Graft

Stefano Carbone<sup>1</sup>, Valerio Castagna<sup>2</sup>, Daniele Passaretti<sup>3</sup>, Vittorio Candela<sup>4</sup>, Stefano Gumina<sup>5</sup>

- 1. Clinica Villa Aurora/San Feliciano, Roma, Italy
- <sup>2</sup>. 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 Catasus¹, Jonathan Matellanes³, Iñigo Verdalet⁴, Marc Puigbert¹, Francisco Javier Cabo¹

- 1. Hospital Universitari Bellvitge, Barcelona, Spain
- <sup>2</sup>. Hospital Asepeyo, Sant Cugat, Spain
- 3. Hospital de Viladecans, 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 Holschen<sup>1</sup>, Patrick Khourdaji<sup>1</sup>, Maria Körting<sup>2</sup>, Kai-Axel Witt<sup>2</sup>, Jörn Steinbeck<sup>2</sup>

- <sup>1</sup>. Raphaelsklinik Münster, Münster, Germany
- <sup>2</sup>. OPPK, Münster, Germany

### 0-103 Does Radiographic Markers Affect Postoperative Muscle Strength In Reverse Shoulder Arthroplasty

Katsumasa Nakazawa<sup>1</sup>, Tomoya Manaka<sup>2</sup>, Koichi Ichikawa<sup>3</sup>, Yoshihiro Hirakawa<sup>4</sup>, Ryosuke iio<sup>3</sup>, Ryuichi Yamashita<sup>4</sup>, Yoichi Ito<sup>3</sup>, Hiroaki Nakamura<sup>4</sup>

- <sup>1</sup>. Department of Orthopaedic Surgery, Kashiba City, Japan
- <sup>2</sup>. Kashiba Seiki Hospital, Osaka, Japan
- <sup>3</sup>. Department of Orthopaedic Surgery, Osaka, Japan
- 4. Osaka City University Graduate School of Medicine, Osaka, Japan





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 Antonacci<sup>1</sup>, Oscar Vazquez<sup>2</sup>,<sup>3</sup>, Frank Alberta<sup>1</sup>,<sup>2</sup>

- 1. Rothman Orthopaedic Institute, Glen Rock, New Jersey, United States
- <sup>2</sup>. Hackensack University Medical Center, Hackensack, New Jersey, United States
- 3. Active Orthopedics and Sports Medicine, Hackensack, New Jersey, United States

SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
21.50 CET • END OF THE SECEC DAY





DECEMBER 2020		
Wednesday, December 9		
CET timezone	ROOM 1	ROOM 2
19.00 - 19.55h	ICL 7 TREATMENT OF PROXIMAL HUMERUS FRACTURES IN 2020- DIFFICULT DECISIONS IN THE FACE OF EVIDENCE  Chairs:	ICL 8 ANTERIOR SHOULDER INSTABILITY  Chair:
20.00 - 20.30h	Uli Brunner (Germany)  Juha Paloneva (Finland)  WORKSHOPS  WORKSHOPS  WORKSHOPS  WORKSHOPS  WORKSHOPS  WORKSHOPS  WORKSHOPS  WE Control of the Control of th	
20.35h	SCIENTIFC SESSION 7 CUFF II	SCIENTIFC SESSION 8 INSTABILITY II
21.50h	End of the SECEC day	



# SCIENTIFIC PROGRAM • WEDNESDAY, DECEMBER 9 19.00-19.55 CET • INSTRUCTIONAL COURSE LECTURES

### **ICLs**



ROOM 1 - 19.00-19.55h

Chair: Ulrich Brunner (Germany)



### Amar Rangan (UK)

What can we learn from randomized studies for the daily practice?

### Stefano Gumina (IT)

Can an individualized treatment concept improve the results?

### Maciej Kicinski (PL)

The reconstructive perspective – which implant when and why?

### Ulrich Brunner (DE)

Does Augmentation extend indications for ORIF?

### Luc Favard (FR)

RTSA – is there still an age cut off and room for hemiarthroplasty?



ROOM 2 - 19.00-19.55h

Chair: Juha Paloneva (Finland)

## ICL 8: ANTERIOR SHOULDER INSTABILITY

### Przemo Lubiatowski (PL)

First time dislocators: management quidelines

### Ville Aarimaa (FIN)

Arthroscopic Bankart vs. open Latarjet as primary operative treatment of traumatic instability in young male patients- a randomized controlled trial

### Karl Wieser (CH)

Long term results after Bankart and Latarjet procedure

### Marvin Minkus (DE)

Traumatic anterior shoulder instability and glenoid bone loss: Latarjet procedure or iliac crest bone graft transfer?

### Nicolas Bonnevialle (FR)

How and when to address the humeral bony lesions?

SCIENTIFIC PROGRAM • WEDNESDAY, DECEMBER 9
20.00-20.30 CET • WORKSHOPS









ROOM 1 - 20.35h SESSION 7: CUFF

# O-106 PARP-Inhibitor Talazoparib Inhibits Muscle Atrophy And Fatty Infiltration In A Tendon Release Infraspinatus Sheep Model

Maurits Olthof<sup>1</sup>, Anita Hasler<sup>1</sup>, Christian Gerber<sup>1</sup>, Karina Klein<sup>2</sup>, Brigitte Von Rechenberg<sup>2</sup>, Karl Wieser<sup>1</sup>

- 1. Balgrist University Hospital, Zürich, Switzerland
- 2. University of Zürich, Zürich, Switzerland

# O-107 Efficacy Of Adjuvant Application Of Platelet-Rich Plasma After Needle Aspiration Of Calcific Deposits For The Treatment Of Rotator Cuff Calcific Tendinitis: A Double-Blinded, Randomized Controlled Trial With Two-Year Follow-Up

Bart Oudelaar¹, Rianne Huis In 't Veld¹, Edwin Ooms¹, Relinde Schepers-Bok², Rob Nelissen³, Anne Vochteloo¹

- <sup>1</sup>. OCON Centre for Orthopedic Surgery, Hengelo, The Netherlands
- <sup>2</sup>. ZiekenhuisGroep Twente, Hengelo, The Netherlands
- 3. LUMC, Leiden, The Netherlands

### O-108 Associations Of Hypo-High-Density Lipoproteinemia With Increments Of Preoperative Rotator Cuff Tear Size And With Postoperative Retear

Hyung Bin Park, Ji-Yong Gwark

Gyeongsang National University Changwon Hospital, Changwon, South Korea

# O-108 Dermal Patch Augmented Versus Standard Rotator Cuff Repair: Randomised Controlled Trial Priyadarshi Amit

Royal Orthopaedic Hospital, Birmingham, United Kingdom

### O-109 Arthroscopic Surgery Of Rotator Cuff Retear: New Repair Versus Tendon Transfer.

Philippe Valenti, Charbel Bou Khalil paris shoulder unit, Paris, France

# O-110 Arthroscopic Superior Capsular Reconstruction (ASCR) With Mesh Augmentation For The Treatment Of Massive Irreparable Rotator Cuff Tears: Preliminary Comparative Study Of The Surgical Outcome

Erica Kholinne<sup>1</sup>, Kyoung-Hwan Koh<sup>2</sup>, In-Ho Jeon<sup>2</sup>

- 1. St. Carolus Hospital, Jakarta, Indonesia
- <sup>2</sup>. Asan Medical Center, Seoul, South Korea

### O-111 Higher Critical Shoulder Angle Has An Increased Risk Of Re-Tear After Arthroscopic Rotator Cuff Repair At Long Term Follow-Up

Kadir Büyükdogan<sup>1</sup>, Özgür Koyuncu<sup>2</sup>, Lercan Aslan<sup>1</sup>, Olgar Birsel<sup>1</sup>, Ilker Eren<sup>3</sup>, Mehmet Demirhan<sup>3</sup>

- 1. Koc University Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>2</sup>. VKV American Hospital, Department of Orthopedics and Traumatology, Istanbul, Turkey
- <sup>3</sup>. Koc University, School of Medicine, Department of Orthopedics and Traumatology, Istanbul, Turkey

# O-112 Neither Critical Shoulder Angle Nor Acromion Index Were Related With Specific Pathology 20 Years Later!

Hanna Cecilia Björnsson Hallgren, Lars Adolfsson Orthopedic Department Linköping University Hospital, Linköping, Sweden





### O-113 How Much Will High Tension Adversely Affect Rotator Cuff Repair Integrity?

Sam-Guk Park

Yeungnam university hospital, Daegu, South Korea

### O-114 Inconsistencies In The MRI Evaluation Of Rotator Cuff Atrophy After Surgical Repair

Young Hoon Jang, Sae Hoon Kim

Seoul National University Hospital, Seoul, South Korea

# O-115 The Effect Of Time Interval From MRI To Rotator Cuff Repair On The Tear Size: Imaged Vs. Actual Tear Size

**A**manda J. Naylor, Allison J. Rao, Gregory Cvetanovich, Michael C. O'Brien, Michael D. Charles, William Chan, Gregory P. Nicholson

Midwest Orthopaedics at Rush, Chicago, United States

### O-116 Exploring Expert Variability In Defining Pseudoparalysis: An International Survey

Curtis J Fahey<sup>1</sup>, Ruth A Delaney<sup>2</sup>

- 1. University College Cork, Cork, Ireland
- <sup>2</sup>. Dublin Shoulder Institute, Dublin, Ireland

### O-117 Return To Work And Recreational Sport After Superior Capsular Reconstruction

Jordan W Fried, Eoghan T Hurley, Christopher Colasanti, Charles C Lin, Laith M Jazrawi, Robert J Meislin New York University, New York, United States

# O-118 Functional And Radiological Outcome Of Medialization Repair For A Postero Superior Retracted Cuff Tear.

Philippe Valenti, Wael Ben Fadhel paris shoulder unit, Paris, Francia

### O-119 Recurrent Instability In Patients With A Rotator Cuff Repair After A Traumatic Shoulder Dislocation

Michael Marsalli<sup>1</sup>,<sup>2</sup>, Juan De Dios Errázuriz<sup>1</sup>, Pedro Glavic<sup>3</sup>, Marco Cartaya<sup>1</sup>, Nicolás Morán<sup>1</sup>, Diego Fritis<sup>1</sup>,<sup>2</sup>, Pedro Alsua<sup>1</sup>

- 1. Hospital del Trabajador, Santiago, Chile
- <sup>2</sup>. Clínica Universidad de los Andes, Santiago, Chile
- 3. Universidad Andrés Bello, Santiago, Chile

# O-120 Preoperative Systemic Administration Of Acid Tranexamic To Reduce Intraoperative Bleeding In Arthroscopic Rotator Cuff Repair

Mauro Cenatiempo¹, Marco Distefano¹, Raffaele Tucci¹, Leonardo Di Bella¹, Giusto Chiaracane¹, Teodoro Marotta²

- <sup>1</sup>. AOU Careggi SOD Chirurgia della Spalla ed Arto Superiore, Florence, Italy
- <sup>2</sup>. Azienda ospedaliera napoli <sup>1</sup>, Naples, Italy

### O-121 The Overtensioned Biceps Tenodesis: A Cause Of Postoperative Shoulder Pain

Grégoire Micicoi<sup>1</sup>, Peter N. Chalmers<sup>2</sup>, Andre Godinho<sup>3</sup>, Frederico Paiva<sup>4</sup>, Manuel Ignacio Olmos<sup>1</sup>, Tyler Johnston<sup>1</sup>, Pascal Boileau<sup>1</sup>

- 1. Hôpital Pasteur 2 IULS, Nice, France
- <sup>2</sup>. University Orthopaedic Center, Salt Lake City, United States
- 3. Hospital Belo Horizonte, Belo Horizonte, Brazil
- 4. Centro Hospitalar Tondela, Viseu, Portugal



ROOM 1 - 20.35h

**SESSION 8: INSTABILITY** 

### O-122 High Return To Sport After Arthroscopic Latarjet For Failed Arthroscopic Bankart

Manuel Ignacio Olmos¹, Gilles Clowez², Patrick Gendre³, David Saliken⁴, Mikaël Chelli¹, Pascal Boileau¹

- <sup>1</sup>. Hôpital Pasteur <sup>2</sup> -IULS, Nice, France
- <sup>2</sup>. Hôpital de Cannes Simone Veil, Cannes, France
- 3. Pôle Antibes Saint Jean, Antibes, France
- 4. University of British Columbia, Vancouver, Canada

# O-123 Magnetic Resonance Arthrography Findings In Rugby Players Undergoing Shoulder Stabilization For Glenohumeral Instability

Martin S Davey<sup>1</sup>, Eoghan T Hurley<sup>1</sup>,<sup>2</sup>, Daire J Hurley<sup>1</sup>, Leo Pauzenberger<sup>1</sup>, Hannan Mullett<sup>1</sup>

- 1. Sports Surgery Clinic, Dublin, Ireland
- <sup>2</sup>. National University of Ireland Galway, Galway, Ireland

# O-124 Immediate Self-Rehabilitation After Open Latarjet Procedures Enables Recovery Of Preoperative Shoulder Mobility At 3 Months

Steven ROULET<sup>1</sup>, Florent Borel<sup>1</sup>, Gabriel Franger<sup>1</sup>, Jean-Pierre Liotard<sup>1</sup>, Aude Michelet<sup>2</sup>, Arnaud Godenèche<sup>1</sup>

- <sup>1</sup>. Centre Orthopédique Santy, Lyon, France
- <sup>2</sup>. ReSurg SA, Nyon, Switzerland

# O-125 The Biomechanical Effect Of Bone Grafting And Bone Graft Remodeling In Shoulder Instability Patients

Elisabeth Böhm<sup>1</sup>, Bastian Sigrist<sup>2</sup>, Stephen Ferguson<sup>2</sup>,<sup>3</sup>, Christian Jung<sup>3</sup>, Markus Scheibel<sup>3</sup>, Philipp Moroder<sup>1</sup>

- 1. Charité-Universitätsmedizin Berlin, Berlin, Germany
- <sup>2</sup>. Laboratory for Orthopaedic Technology, ETH Zurich, Zurich, Switzerland
- 3. Schulthess Clinic, Zurich, Switzerland

# O-126 Shoulder Instability In Patients Over 40 Years Old: Is Concomitant Rotator Cuff Tear Determinant For Shoulder Function And Quality Of Life?

Fernando Garcia Seisdedos, Ivan Rodrigo Diaz, Antonio M Foruria, Diana Morcillo, Maria Valencia, Emilio Calvo

Hospital Universitario Fundación Jiménez Díaz, Madrid, Spain

### O-127 Arthroscopic Eden-Hybbinette For Revision Of Failed Latarjet

Pascal Boileau<sup>1</sup>, Christophe Duysens<sup>2</sup>, Devin Lemmex<sup>1</sup>

- <sup>1</sup>. Hôpital Pasteur <sup>2</sup>-IULS, Nice, France
- 2. Institut Européen de la Main, Luxembourg, Luxembourg





# O-128 Biomechanics Of Posterior Glenoid Bone Block Procedures For Posterior Instability With And Without Correction Of Glenoid Retroversion

Lukas Ernstbrunner, Rafael Loucas, Andrew Ker, Paul Borbas, Florian Imhoff, Simon Hofstede, Karl Wieser, Samy Bouaicha

Department of Orthopedics, Balgrist University Hospital, University of Zurich, Zurich, Switzerland

# O-129 The Shoulder Pacemaker Treatment Concept For Non-Controllable Positional Functional Posterior Shoulder Instability: Final Results Of A Prospective Clinical Trial

Victor Danzinger, Philipp Moroder

Charite University Berlin - Department Shoulder and Elbow Surgery, Berlin, Germany

# O-130 Muscles Strength And Functional Recovery : Prospective Comparaison Between Arthroscopic And Open Latarget Procedures

Patrick Boyer Bichat hospital, France, France

# O-131 Study anatomy of medial coracoclavicular ligament and the contribuition the in the stability of the acromioclavicular joint

Romulo Brasil Filho, Marcelo Mamede De Freitas, Rafael Rangel Nunes, Antonio Carlos Tenor Filho Hospital do servidor estadual são paulo, São Paulo, Brazil

### O-132 The "Circles Method" For Acromioclavicular Joint Injury Evaluation And Classification

Richard James Murphy<sup>1,2</sup>, Piotr J Lesniewski<sup>1,2</sup>, Wolfan Alcantara<sup>1</sup>, Annabel Hayoz<sup>1</sup>, Beat Moor<sup>2</sup>, Matthias Alexander Zumstein<sup>1,2</sup>

- 1. Sonnenhof Orthopaedics, Bern, Switzerland
- <sup>2</sup>. Inselspital, Bern, Switzerland

### O-133 Weighted Radiographs Are Not Useful In The Classification Of Acromioclavicular Joint Dislocations.

Jonas Nordin<sup>1</sup>, Felicia Mogianos<sup>2</sup>, Anders Hauggaard<sup>3</sup>, Karl Lunsjö<sup>1</sup>

- 1. Lund University, Department of Orthopaedics, Helsingborg hospital, Helsingborg, Sweden
- <sup>2</sup>. Halland hospital Halmstad, Halmstad, Sweden
- 3. Lund University, Radiology Department, Helsingborg hospital, Helsingborg, Sweden

# O-134 Double Cross-Looped Coracoclavicular Suture Fixation For Acute Acromioclavicular Joint Separations: Long Term Follow-Up In 72 Patients.

Andreas Panagopoulos¹, Emmanouil Fandridis², Giacomo Delle Rose³, Riccardo Ranieri⁴, Alessandro Castagna³, Panayiotis Dimakopoulos¹

- 1. Orthopaedic Department, Patras University Hospital, Patras, Greece
- <sup>2</sup>. Hand-Upper Limb @ Microsurgery Dpt General Hospital "KAT", Athens, Greece
- 3. Humanitas Clinical And Research Center, Milan, Italy
- 4. Department Of Biomedical Sciences, Humanitas University, Milan, Italy

# 727 Adjustable Button And All-Suture Anchors As Suspensory Devices For Arthroscopic Glenoid Rim Fracture Fixation. Surgical Technique And Preliminary Results.

Ioannis Bampis, Nikolaos Zervakis, Achilleas Boutsiadis <sup>4</sup>0¹ Military Hospital of Athens, Athens, Greece





# O-135 Consensus Statement On Acromio-Clavicular Joint Dislocations – A European Perspective

Claudio Rosso<sup>1,2</sup>, Frank Martetschläger<sup>3,4</sup>, Maristella Francesca Saccomanno<sup>5</sup>, Andreas Voss<sup>4,6</sup>, Lucca lacheta<sup>7</sup>, Knut Beitzel<sup>8</sup>, Giuseppe Milano<sup>9</sup>

- 1. ARTHRO Medics, shoulder and elbow center, Basel, Suiza
- <sup>2</sup>. University of Basel, Basel, Suiza
- 3. Deutsches Schulterzentrum, ATOS Clinic, Munich, Alemania
- 4. Department for Orthopaedic Sports Medicine, Technical University, Munich, Alemania
- 5. Orthopedic Institute, Fondazione Policlinico A.Gemelli, University Hospital, Rome, Italia
- 6. Department of Trauma Surgery, University Medical Center, Regensburg, Alemania
- 7. Center for Musculoskeletal Surgery, Charitè Universitaetsmedizin Berlin, Berlin, Alemania
- 8. ATOS Clinic Cologne, Cologne, Alemania
- 9. University of Brescia, Department of Bone and Joint Surgery, Spedali Civili, Brescia, Italia

### O-136 Underestimation Of AC-Luxation Severity By X-Ray Compared To MRI

Grégoire Thürig, Julien Galley, Mauro Maniglio, Paulo Fornaciari, Moritz Tannast, Philippe Vial Hôpital cantonal Fribourgeois, Fribourg, Switzerland

# O-137 Return To Play After Arthroscopic Repair Of Combined Bankart And Type V Superior Labral Anterior-Posterior Tears

Eoghan T Hurley<sup>1,2</sup>, Richard E Hogan<sup>1</sup>, Conor J Kilkenny<sup>1</sup>, Thomas K Moore<sup>1</sup>, David N Rowe<sup>1</sup>, Leo Pauzenberger<sup>1</sup>, Hannan Mullett<sup>1</sup>

- <sup>1</sup>. Sports Surgery Clinic, Dublin, Ireland
- <sup>2</sup>. National University of Ireland Galway, Galway, Ireland

SCIENTIFIC PROGRAM • WEDNESDAY, NOVEMBER 11
21.50 CET • END OF THE SECEC DAY





Ist SECEC VIRTUAL CONGRESS SEPTEMBER - DECEMBER 2020