SCIENTIFIC PROGRAM
INSTRUCTIONAL COURSE LECTURE 1

BASIC RESEARCH IN ROTATOR CUFF PATHOLOGY
Chair: Stefano Gumina (Italy)
ROOM PAVILLON  ·  07:30  -  08:45

07:35 - 07:45
Etiology of rotator cuff degeneration: relationship with medical condition
Matthias Zumstein
Switzerland
07:45 - 07:55
Role of antioxidants in rotator cuff tendon degeneration
Hyung Bin Park
Korea
07:55 - 08:05
Current concepts on extrinsic factors in rotator cuff tears
Emilio Calvo
Spain
08:05 - 08:15
Biological strategies to enhance rotator cuff healing: bioactive scaffolds, PRP and stem cells
Andrew Carr
UK
08:15 - 08:25
Pulsed electromagnetic fields on human tendon stem cells
Pietro Randelli
Italy
08:25 - 08:45
Discussion

08:05 - 08:15
Augmentation techniques in fixation of proximal humerus fractures
Raffaele Russo
Italy
08:15 - 08:25
Failure of fixation in osteoporotic proximal humerus fractures
Mark Tauber
Germany
08:25 - 08:45
Discussion

INSTRUCTIONAL COURSE LECTURE 2

OSTEOPOROTIC FRACTURES OF THE PROXIMAL HUMERUS
Chair: Stefano Carbone (Italy)
ROOM CHARLOTTENBURG I-II  ·  07:30  -  08:45

07:35 - 07:45
Fractures of the proximal humerus in osteoporotic bone
Christian Olsson
Sweden
07:45 - 07:55
Assessing osteoporosis in fractures of the proximal humerus
Christian Spross
Switzerland
07:55 - 08:05
Treatment of osteoporotic proximal humerus fractures
Bartlomiej Kordasiewicz
Poland
08:05 - 08:15
Augmentation techniques in fixation of proximal humerus fractures
Raffaele Russo
Italy
08:15 - 08:25
Failure of fixation in osteoporotic proximal humerus fractures
Mark Tauber
Germany
08:25 - 08:45
Discussion

INSTRUCTIONAL COURSE LECTURE 3

ELBOW ARTHROSCOPY
Chair: Michel van den Bekerom (Netherlands)
ROOM BELLEVUE  ·  07:30  -  08:45

07:30 - 07:45
Relevant anatomy and portals
Alexander van Tongel
Belgium
07:45 - 08:00
Arthroscopic assessment and treatment of instability
Felix “Buddy” Savoie
USA
08:00 - 08:15
Arthroscopic treatment of degeneration of the elbow
Paolo Arrigoni
Italy
08:15 - 08:30
Arthroscopic fracture treatment
Kilian Wegmann
Germany
08:30 - 08:45
Discussion

JSES SESSION 1

ELBOW
Moderators: Pierre Mansat (France), Frank Gohlke (Germany)
ROOM TIERGARTEN  ·  07:30  -  08:45
In the focus of interest: The most frequently cited European JSES papers

Lars Müller (Germany)
Treatment of unstable elbow dislocations with hinged elbow fixation-subjective and objective results.
Hopf JC, Berger V, Kriegstein CF; Müller LP, Koslowski TC.
The circumferential graft technique for treatment of multidirectional elbow instability: a comparative biomechanical evaluation.
Alberto Schneeberger (Switzerland)

EBM analysis
Crossfire discussion:
Decision making in front of a complex elbow trauma
Case discussion with L Müller, A Schneeberger and the audience using live poll

SYMPOSIUM 1

DISTAL BICEPS TENDON
Chair: Roger van Riet (Belgium)
ROOM POTSDAM - 09:00 - 10:30

09:00 - 09:15
Anatomical and biomechanical aspects of the distal biceps tendon
Michel van den Bekerom
Netherlands
09:15 - 09:30
Partial tears of distal biceps - work-up and treatment
Roger van Riet
Belgium
09:30 - 09:45
One or two incision technique
Raul Barco
Spain
09:45 - 10:00
Rehabilitation after distal biceps repair
Val Jones
UK
10:00 - 10:15
Complications in distal biceps repair - how to avoid?
Paolo Arrigoni
Italy
10:15 - 10:30
Discussion

COFFEE BREAK
10:30 - 11:00

SCIENTIFIC PROGRAM
Thursday, September 14th

SCIENTIFIC SESSION 1

ROTATOR CUFF - I
Moderators: Giuseppe Storza (UK)
Manfred Pfahl (Germany)
ROOM POTSDAM - 11:00 - 12:15

11:00 - 11:08
OP-1. Evaluation of symptomatic rotator cuff tears with dynamic magnetic resonance imaging
Hideyuki Sasanuma1, Yuki Iijima2, Yuji Kanaya2, Katsushi Takeshita2
1 Tochigi Medical Center Shimotsuga, Tochigi, Japan
2 Department of Orthopaedics, Tochigi, Japan
11:08 - 11:16
OP-2. Increased mortality and high rates of contralateral cuff tears at 22–year follow-up after arthroscopically verified rotator cuff tear.
Mats C. Ranebo1, Hanna Björnsson Hallgren2, Lars E Adolfsson2
1 Orthopedic Clinic Kalmar County Hospital, Kalmar, Sweden
2 Orthopedic Clinic, Linköping University Hospital, Linköping, Sweden
11:16 - 11:24
OP-3. Ten-year multi-center clinical and MRI evaluation of cuff repairs according to type of tear.
Luc Favard1, Charles Agout1, Julien Berhouet1, Philippe Collin2, Jean Francois Kempf3
1 University of Tours, Tours, France
2 St Gregoire, Rennes, France
3 University of Strasbourg, Strasbourg, France
11:24 - 11:32
OP-4. Twenty-year results of isolated supraspinatus repair
Mikael Betz1, Philippe Collin2, Gilles Walch2, Christian Gerber4, Jean Francois Kempf5
1 Balgrist, Zurich, Switzerland
2 CHP Saint Grégoire, Rennes, France
3 Centre Orthopédique Santy, Lyon, France
4 Balgrist, Zurich, Switzerland
5 CHU, Strasbourg, France
11:32 - 11:40
OP-5. Cost-effectiveness of single row versus double row constructs in arthroscopic rotator cuff repair
Peter L-C Lapner1, Kednapa Thavorn2, Sasha Van Katwyk3, Peter Macdonald4, Adrian L. Huang1
1 Division of Orthopedics, Ottawa Hospital Research Institute, The Ottawa Hospital, University of Ottawa, Ottawa, Canada
2 Clinical Epidemiology Program, Ottawa Hospital Research Institute, The Ottawa Hospital; School of Epidemiology, Public Health and Preventive Medicine, University of Ottawa; Institute of Clinical and Evaluative Sciences, Ottawa, Canada
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3. Clinical Epidemiology Program, Ottawa Hospital Research Institute, The Ottawa Hospital, Ottawa, Canada
4. Section of Orthopaedic Surgery & The Pan Am Clinic, University of Manitoba, Winnipeg, Canada

11:40 - 11:48
OP-6. The effect of intravenous tranexamic acid on the visual clarity during arthroscopic rotator cuff repair:
A randomised controlled, double blind study
Ali Ersen, Mehmet Ersin, Mehmet Buget, Ata Can Atalar
Istanbul University Istanbul Medical Faculty, Istanbul, Turkey

11:48 - 11:56
OP-7. Effect of recombinant human growth hormone on rotator cuff healing after arthroscopic repair
Joo Han Oh1, Seok Won Chung2, Kyung-Soo Oh3, Jae Chul Yoo4, Yang Soo Kim5, Jin-Young Park6
1. Seoul National University Bundang Hospital, Seongnam-Si, South Korea
2. Konkuk University Medical Center, Seoul, South Korea
3. Samsung Seoul Medical Center, Seoul, South Korea
4. Seoul Saint Mary’s Hospital, Seoul, South Korea
5. Neon Orthopaedic Clinic, Seoul, South Korea

11:56 - 12:04
OP-8. A pilot study examining the feasibility and safety of using bone marrow aspirate concentrate in improving rotator cuff tendon healing following arthroscopic rotator cuff repair
Michael Oliver Schär1, Camila Carballo2, Arielle Hall2, Liang Ying2, Hollis Potter3, Russell Warren3, Scott Rodeo3
1. Inselspital, University of Bern, Bern, Switzerland
2. Hospital for Special Surgery, New York City, Switzerland

12:04 - 12:12
A prospective cohort study.
Kjersti Kaul Jenssen1, Kirsten Lundgreen1, Jan Erik Madsen1, Sigbjørn Dimmen1
1. Lovisenberg Diaconal Hospital, Oslo, Norway
2. Oslo University Hospital, Oslo, Norway

11:40 - 11:48
OP-10. How do we deliver our findings? analysis of podium presentations in shoulder meetings
Joan Miquel1, Fernando Santana1, Carlos Torrens2
1. Consorci Sanitari de l’Anoia, Igualada, Spain
2. Parc de Salut Mar, Barcelona, Spain

11:08 - 11:16
OP-11. Concomitant glenohumeral pathologies associated with acute and chronic grade III and grade V acromioclavicular joint injuries
Gunnar Jensen1, Peter James Millett2, Dimitri Satesh Taha3, Mireille Al Ibiadi4, Helmut Lil5, Jan Christoph Kalthagen3
1. Diakovere Friedenkrankenstift, Hannover, Germany
2. The Steadman Clinic, Vail, Germany
3. Steadman Phillipon Research Institute, Vail, United States
4. Department of Trauma, Hand and Reconstructive Surgery University Hospital Münster, Münster, Germany

11:16 - 11:24
OP-12. Analysis of complications after arthroscopic stabilization of chronic ac-joint instabilities with a gracilis tendon graft and tight-rope augmentation
Carmen Hann, Nina Maziak, Marvin Minkus, Natascha Kraus, Markus Scheibel
Center for Musculoskeletal Surgery, Charité-Universitätsmedizin Berlin, Germany

11:24 - 11:32
OP-13. Mid- to longterm outcome of glenohumeral microfracturing
Julia K Frank1, Lukas Bauer2, Philipp R Heuberer1, Ulrich Lanz2, Brenda Laky1, Christian Wurnig1, Werner Anderl3, Leo Pauzenberger4
1. St Vincent Shoulder & Sports Clinic, Vienna, Austria
2. I Orthopaedic Department, Orthopaedic Hospital Speising, Vienna, Austria

11:32 - 11:40
OP-14. Treatment of focal glenohumeral cartilage defects with autologous chondrocyte transplantation – preliminary results
Elisabeth Böhm1, Marvin Minkus, Anna Krükenberg, Markus Scheibel
Center for Musculoskeletal Surgery, Charité-Universitätsmedizin Berlin, Germany

11:40 - 11:48
OP-15. Sham surgery for SLAP lesions of the shoulder
Cecilie Piene Schrøder1, Øystein Skare2, Olav Reikerås2, Petter Mowinckel1, Jens Ivar Brox2
1. Lovisenberg Diaconal Hospital, Oslo, Norway
2. Oslo University Hospital, Oslo, Norway

11:48 - 11:56
OP-16. Tenodesis renders superior long-term outcomes for isolated supraspinatus tears with biceps pathology in younger patients
Arnaud Godeneche1, Philippe Collot1, Gilles Walch1, Philippe Valenti1, Pierre Mansat2, Jean-François Kempf2
1. Ramsay Générale de Santé, Hôpital Privé Jean Memoz, Centre Orthopédique Santy, Lyon, France
2. Clinique Saint Grégoire, Saint Grégoire, France

SCIENTIFIC SESSION 2

MISCELLANEOUS - I

Moderators: Dennis Liem (Germany)
Antonio Cartucho (Portugal)
ROOM PAVILLON - 11:00 - 12:15

11:00 - 11:08
OP-10. How do we deliver our findings? analysis of podium presentations in shoulder meetings
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1. Ramsay Générale de Santé, Hôpital Privé Jean Memoz, Centre Orthopédique Santy, Lyon, France
2. Clinique Saint Grégoire, Saint Grégoire, France
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3. Institut parisien de l’épaule, Paris, France
4. CHU de Toulouse, Toulouse, France
5. CHRU de Strasbourg, Strasbourg, France

11:56 - 12:04
OP-17. Brain recovery is only partial after anterior shoulder stabilization
  Alexandre Lädermann1, Grégory Cunningham2
  1. La Tour Hospital, Meyrin, Switzerland
  2. La Colline Hirslanden, Geneva, Switzerland
  12:04 - 12:12
OP-18. Is economic evaluation in orthopedic surgery an obstacle to innovation? The Latarjet procedure example.
  Christel Conso, Emmanuel De Thomassin, Olivier Guingand, Richard Terracher, Christian Mazel
  Institut Mutualiste Montsouris, Paris, France

SECEC 2017 GUEST LECTURE

Forensic Medicine - What is new in the 21st century?

ROOM POTSDAM · 12:15 - 12:45
Prof. Michael Tsokos
Director of the Institute of Legal Medicine and Forensic Sciences, Charité-Universitätsmedizin Berlin, Germany

LUNCH WORKSHOPS (INDUSTRY SPONSORED)

12.55 - 14.25
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SCIENTIFIC SESSION 3

SHOULDER FRACTURES

Moderators: Harry Georgousis (Greece)
            Helmut Lill (Germany)

ROOM POTSDAM · 14:30 - 16:00

14:30 - 14:38
OP-19. Patterns of osteoporotic proximal humerus fractures
  Stefano Carbone1, Matteo Papalia2, Valerio Arceri3, Riccardo Mezzoprete3, Andrea Carbone1
  1. Sapienza University of Rome, Dept. Of Molecular Medicine, Rome, Italy
  2. Ospedale San Camillo de Lellis, Dept Of Orthopaedics and Traumatology, Rome, Italy
  3. Ospedale San Camillo de Lellis, Dept Of Orthopaedics and Traumatology, Rome, Italy

14:38 - 14:46
OP-20. Is central skeleton bone quality a predictor of the severity of proximal humeral fractures?
  Ewha Womans University Mokdong Hospital, Seoul, South Korea

14:46 - 14:54
OP-21. Can the knowledge of the glenohumeral relationship be helpful in the treatment of proximal humeral fractures?
  Alexander Gallant, Thomas Van Isterdael, Lieven De Wilde, Alexander Van Tongel
  University Hospital Gent, Gent, Belgium

14:54 - 15:02
OP-22. Five year follow-up results of the PROFHER randomised clinical trial
  Amar Bangar1, Helen Handoll2, Stephen Brealey3, Ada Keding3, Belen Corbacho-Martin3, Catherine Hewitt4
  1. The James Cook University Hospital, Middlesbrough, United Kingdom
  2. Teesside University, Middlesbrough, United Kingdom
  3. University of York, York, United Kingdom
  4. University of York, York, United Kingdom
  15:02 - 15:10
OP-23. Locked plating for displaced proximal humeral fractures - outcome and complications in 1104 consecutive cases.
  Ben Ockert, Mark Darferner, Niklas Biermann, Georg Siebenbürger, Mirjam Lange, Tobias Helfen, Wolfgang Böcker
  Shoulder and Elbow Service, Munich University Hospital (LMU), Munich, Germany

15:10 - 15:18
  Christian Spross, Jan Meester, Ruben Angiolo Mazzucchelli, Viljam Zdravkovic, Gabor Puskas, Bernhard Jost
  Kantonsspital St Gallen, St Gallen, Switzerland
  15:18 - 15:26
OP-25. Results and therapeutic management of combined fractures of the glenoid and proximal humerus
  Matthias Königshausen, Eileen Mempel, Valentin Rausch, Alexander Von Glinski, Jan Gessmann, Thomas Armin Schildhauer, Dominik Seybold
  University Bergmannsheil Bochum, Bochum, Germany
15:26 - 15:34
OP-26. Inferior outcome after shoulder arthroplasty for failed osteosynthesis in proximal humeral fractures compared with primary shoulder arthroplasty of proximal humeral fractures: a registry-based study of 285 cases.
Marc Randall Kristensen1, Jeppe Vojgaard Rasmussen1, Brian Elmengaard1, Steen Lund Jensen1, Bo Sanderhoff Olsen1, Stig Bronson1
1 Herlev Hospital, Copenhagen, Denmark
2 Aarhus University Hospital, Aarhus, Denmark
3 Aalborg University Hospital, Aalborg, Denmark
15:34 - 15:42
OP-27. Early versus late reverse shoulder arthroplasty for proximal humerus fractures: does it matter?
Adam Seid1, Daniel Sholder2, William Warrender3, Michael Livesey4, Gerald Williams5, Joseph Abboud5, Surenia Namdari5
1 University of Colorado, Aurora, Co, United States
2 The Rothman Institute, Philadelphia, Pa, United States
15:42 - 15:50
OP-28. Reverse shoulder arthroplasty for fracture sequelae with minimum 5-year follow-up
Brian I. Seid1, Mikael Chelli2, Gilles Closwez2, Lionel Neyton2, Christophe Trojani2, Pascal Bolleau2
1 IULS - Hôpital Pasteur, 2, Nice, France
2 Centre Medical Santy, Lyon, France
15:50 - 15:58
OP-29. Intramedullary nailing in the treatment of humeral shaft fractures: distal interlocking or not?
Roman Colombi, Adrien Bevand, Ludovic Labattut, Brice Viard, Pierre Martz, Emmanuel Baulot
Dijon university hospital, Department of Orthopaedic surgery, Dijon, France
14:30 - 14:38
OP-30. Hypoxia, apoptosis and oxidative stress in rotator cuff fibroblasts
Hyung Bin Park, Mincheol Kam, Jin-Hyung Im, Ji-Yong Gwark
Department of Orthopaedic Surgery, Gyeongsang National University Changwon Hospital, Changwon, South Korea
14:38 - 14:46
OP-31. PARP-1 Inhibition improves healing in a rat model of acute rotator cuff repair
Mike B Künzler1, Matthias A Zumstein1, Michelle H McGarry2, Masaki Akeda2, Hansel E Ihn2, Agnieszka Karol2, Brigite Von Rechenberg2, Thay Q Lee2
1 Inselspital University Hospital Bern, Bern, Switzerland
2 VA Long Beach Healthcare System, Long Beach, United States
3 Vetsuisse Faculty University of Zurich, Zurich, Switzerland
14:46 - 15:02
OP-32. Regeneration capacity of the irreversibly fattened rotator cuff after transplantation allogenic mesenchymal stem cells and myocytes in a rat model.
Mehmet Fath Güleyüz1, Konstanz Eichmüller1, Matthias Frank Pietschmann1, Birte Sievers1, Andreas Ficklsherer2, Björn Peter Roßbach2, Thomas Richard Niethamer3, Peter Ernst Müller4
1 Department of Orthopaedics, Physical Medicine and Rehabilitation -Medical Center of the University of Munich (Ludwig-Maximilian-University), Munich, Germany
2 Department of Traumatology and Orthopaedics, Klinikum Landsberg am Lech, Germany
3 Numares AG, Regensburg, Germany
4 Orthopädie Oberland, Weilheim I. Ob, Germany
5 Chirurgisch-Traumatologisches Zentrum, Asklepios Klinik St. Georg, Hamburg, Germany
6 Department of Orthopaedics, Physical Medicine and Rehabilitation -Medical Center of the University of Munich, Germany
14:54 - 15:02
OP-33. Perspectives in rotator cuff repair with tenocytes and scaffold
Björn Peter Roßbach1, Matthias Frank Pietschmann2, Lena Kempfert2, Mehmet Fath Güleyüz1, Bärbel Schmitt2, Peter Ernst Müller4
1 Asklepios Klinik St Georg, Chirurgisch-Traumatologisches Zentrum, Sektion Knie-, Schulter- und Ellengelenkchirurgie, Sporttraumatologie, Hamburg; Klinikum der Universität München, LMU, Campus Großhadern, Klinik und Poliklinik für Orthopädie, Physikalische Medizin und Rehabilitation, München, Germany
2 Klinikum der Universität München, LMU, Campus Großhadern, Klinik und Poliklinik für Orthopädie, Physikalische Medizin und Rehabilitation, München, Germany
3 RoMed Klinikum Rosenheim, Klinik für Urologie und Kinderurologie, Rosenheim; Klinikum der Universität München, LMU, Campus Großhadern, Klinik und Poliklinik für Orthopädie, Physikalische Medizin und Rehabilitation, München, Germany
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15:02 - 15:10
OP-34. What is the best surgical knot for high-strength suture material? A biomechanical study
Thorsten Jentzsch1, Elias Bachmann2, Alexandre Lädermann3, Georg Lajtha4, Dominik C. Meyer4
1. Balgrist University Hospital, Zürich, Switzerland
2. The Balgrist, Zürich, Switzerland
3. La Tour Hospital, Meyrin, Switzerland
4. Private Hospital Maria Hllf, Klagenfurt, Austria
15:10 - 15:18
OP-35. Feasibility of lower trapezius and rhomboid minor transfer for irreparable subscapularis tears: anatomic cadaveric study
Marco Cartaya1, Pablo Canales2, Gwenole Kermarrec1, Philippe Valenti6
1. Paris shoulder unit, Paris, France
2. Clinica Indisa, Santiago, Chile
15:18 - 15:26
OP-36. Metabolomic profiling of serum and capsular tissue from patients with adhesive capsulitis: a preliminary study
Hyo-Jin Lee, Yang-Soo Kim, Jong-Ho Kim, Gwang Young Sung, Dong-Jin Kim
Seoul St Mary hospital, Catholic University of Korea, Seoul, South Korea
15:26 - 15:34
OP-37. Neuroanatomical distribution of sensory receptors in the human elbow joint capsule
Erica Khollina1, Hyun Joo Lee2, Maria Florencia Deslivia2, Ga Yeong Kim3, In-Ho Jeon3
1. Upper Extremity Unit, Department of Orthopedic Surgery, St Carolus Hospital, Jakarta, Indonesia
2. Department of Orthopedic Surgery, Kyungpook National University Hospital, Daegu, South Korea
3. Korea Institute of Science and Technology, Seoul, South Korea
4. Department of Orthopedic Surgery, Asan Medical Center, University of Ulsan, Seoul, South Korea
15:34 - 15:42
OP-38. Scapular morphology in patients with Hill-Sachs lesions using statistical shape modeling
Adam Matthias Jacksen1, Shireen Y Elhabian2, Robert Z Tashjian1, Heath B Henninger2
1. Department of Orthopaedics, Orthopaedic Research Laboratory, University of Utah, Salt Lake City, United States
2. Scientific Computing and Imaging Institute, University of Utah, Salt Lake City, United States
3. Department of Orthopaedics and Department of Bioengineering, Orthopaedic Research Laboratory, University of Utah, Salt Lake City, United States
15:42 - 15:50
OP-39. Biomechanical comparison of three different plate configuration for clavicle midshaft fracture fixation
Gokcer Uzer1, Fatih Yildiz2, Suat Batar3, Kerem Bilisel4, Ergun Bozdog2, Hacer Kuduz2
1. Department of Orthopedics and Traumatology, Bezmialem Vakif University School of Medicine, Istanbul, Turkey
2. Biomechanics Laboratory, Faculty of Mechanics, Istanbul Technical University, Istanbul, Turkey
15:50 - 15:58
OP-40. Glenoid defect reconstruction with RSA. A biomechanical analysis comparing partial anterior bone graft augmentation versus bone joint line reconstruction
Dominik Florian Seybold1, Matthias Königshausen1, Nina Sverdlova2, Christoph Ehler2, Corinna Mersmann1, Birger Jettkant1, Rolf Demielzen2, Thomas Armin Schilthauer1
1. Berufsgenossenschaftliches Universitätsklinikum Bergmannsheil, Bochum, Germany
2. Research Group of Biomechanics, Department of Mechanical Engineering, Ruhr-University, Bochum, Germany
3. Institute of Anatomy, Neuroanatomy and Molecular Brain Research, Ruhr-University, Bochum, Germany

SCIENTIFIC SESSION 5

SHOULDER INSTABILITY
Moderators: Nicole Pouliart (Belgium), Andreas Werner (Germany)
ROOM POTSDAM · 16:30 - 18:00

16:30 - 16:38
OP-41. Long-term outcome of the arthroscopic Bankart procedure
Marianne Larsen Van Gastel1, Nienke W. Willigenburg2, Lea Dijksman2, Rob Lindeboom2, Michel PJ Van Den Bekerom2, Victor PM Van Der Hulst1, Derek FP Van Deurzen1, Jaap Willers4
1. OLVG, Amsterdam, Netherlands, The Netherlands
2. St Antonius ziekenhuis, Nieuwegein, Netherlands, The Netherlands
3. Academicisch Medisch Centrum, Amsterdam, Netherlands, The Netherlands
4. Shoulder and Elbow Unit, Lairesse Kliniek, Amsterdam, Netherlands, The Netherlands
16:38 - 16:46
OP-42. Can the ISIS score be improved? A retrospective study of arthroscopic Bankart repair in patients over 30 years of age. Clinical and radiologic results at more than 10 years follow-up
Damien Delgrande1, Jean-David Werthel2, Grégoire Clais2, Shahnaz Klouche1, Guillaume Lonjon2, Philippe Hardy2
1. Hôpital Ambroise Paré University of Paris Ile de France Ouest, Boulogne Billancourt, France
2. Hôpital Européen Georges Pompidou University of Paris Descartes, Boulogne Billancourt, France
OP-43. Clinical and radiological outcomes of open Latarjet procedure in patients older than 40 years
Peter Domos1, Enricomaria Lunini2, Lionel Neyton3, Arnaud Godeneche3, Gilles Walch3
1. Northern General Hospital, Sheffield Teaching Hospitals NHS Trust, Sheffield, United Kingdom
2. Orthopaedic Unit, Hospital of Guastalla, Reggio Emilia, Italy
3. Centre Orthopedique Santy and Hopital Prive Jean Mermoz, Lyon, France

OP-44. Analysis of complications after open coracoid transfer as revision surgery following arthroscopic soft tissue stabilization – 2 years follow up
Christian Gerhardt, Julia Wolke, Marvin Minkus, Hermann Diem Anh, Markus Scheibel
Center for Musculoskeletal Surgery, Charité-Universitaetsmedizin Berlin, Germany

Philippe Patrick Valenti, Marco Cartaya, Jean David Werthel
Paris shoulder unit, Paris, France

OP-46. Arthroscopic Latarjet procedure: can a standardized technique decrease complications?
Pascal Boileau, Patrick Gendre, David Saliken, Brian Seeto, Thomas D’Ollonne, Olivier Gaudast, Jean-François Gonzalez
IULS - Hôpital Pasteur 4°, Nice, France

OP-47. Arthroscopic Latarjet restores glenoid track and provides superior postoperative stability over arthroscopic Bankart in “off-track” unstable shoulders.
Emilio Calvo, Daniel Rojas, Diana Morcillo, Alba Jimenez, Alberto Masegosa, Javier Fernandez Jara, Maria Valencia
Hospital Fundación Jimenez Diaz, Madrid, Spain

Philippe Moroder1, Fabian Plachet2, Johannes Becker2, Eva Schulz2, Alexander Auffarth2, Herbert Resch2
1. Charité Universitaetsmedizin, Berlin, Germany
2. PMU, Salzburg, Austria

OP-49. Mid- to long-term results of arthroscopic glenoid reconstruction using an arthroscopic, autologous iliac crest bone grafting technique.
Marvin Minkus, Elisabeth Böhm, Natascha Kraus, Philipp Moroder, Markus Scheibel
Center for Musculoskeletal Surgery, Charité-Universitaetsmedizin Berlin, Germany

OP-50. Outcomes of Latarjet versus distal tibia allograft for anterior shoulder instability repair: a prospective matched cohort analysis
Rachel M Frank1, Catherine J Richardson1, Michael C O’Brien1, Jon M Newgren1, Nikhil N Verma1, Brian J Cole1, Mathew T Provencher2, Anthony A Romeo2
1. RUSH University Medical Center, Chicago, United States
2. The Steadman Clinic, Vail, United States

OP-51. Management of recurrent posterior shoulder instability initially voluntary that became secondarily involuntary: a multicentric study of 37 patients
Marie-Beatrice Hardy1, Arnaud Godenèche2, Pierre Mansat3, Pascal Boileau4, Olivier Gastaud4, Geoffroy Nourissat5, Jérôme Garret6
1. Clinique Mutualiste, Saint Etienne, France
2. Centre Orthopédique Santy, Lyon, France
3. Centre Hospitalier Universitaire, Toulouse, France
4. Centre Hospitalier Universitaire, Nice, France
5. Clinique de Maussins, Paris, France
6. Clinique du Parc, Lyon, France

OP-52. Relevant anatomy of the lateral collateral ligament of the elbow. An anatomic study
Davide Bionna1, Enrico Bellato2, Francesco Caranzano2, Filippo Castoldi2
1. Mauriziano-Umberto I Hospital, University of Turin Medical School, Turin, Italy
2. San Luigi Gonzaga Hospital, University of Turin Medical School, Turin, Italy
**SCIENTIFIC PROGRAM**

**Thursday, September 14th**

16:38 - 16:46  
**OP-53. Effect of capsule repair on rotational and varus stability in PLRI reconstruction**  
Mike Künzler¹, Hansel E Ihn², Masaki Akeda², Michelle H Mcgarry², Matthias A Zumstein¹, Thay Q Lee²  
¹ Inselspital University Hospital Bern, Bern, Switzerland  
² VA Long Beach Healthcare System, Long Beach, United States

16:46 - 16:54  
**OP-54. Tennis elbow: a psychological condition?**  
Aurelie Aben¹, Nadine Hollevoet¹, Carlos Henriquez², Marc Vandeweerdt², Koen Ponnert², Lieven De Wilde¹, Alexander Van Tongel²  
¹ University Hospital Gent, Gent, Belgium  
² Fedris, Brussel, Belgium

16:54 - 17:02  
**OP-55. Transcatheter arterial embolization of abnormal vessels as a treatment for lateral epicondylitis refractory to conservative treatment**  
Yuji Okuno¹, Wataru Iwamoto¹, Hiroyasu Ikegami²  
¹ Edogawa hospital, Tokyo, Japan  
² Toho University, Tokyo, Japan

17:02 - 17:10  
**OP-56. Two year follow results of arthroscopic lateral collateral ligament imbrication to treat posterolateral rotatory instability of the elbow**  
Neil Jarvis¹, Roger Van Riet²  
¹ Sint Augustinus Hospital, Wilrijk, Belgium  
² AZ Monica and University of Antwerp, Antwerp, Belgium

17:26 - 17:34  
**OP-59. The majority of isolated coronoid fractures and fracture dislocations can be treated conservatively**  
Antonio M Foruria, Jesus Cobos, Begoña Gutierrez San Jose, Maria Valencia Mora, Diana Morcillo, Emilio Calvo  
Fundacion Jimenez Diaz, Madrid, Spain

17:34 - 17:42  
**OP-60. Clinical outcome following reconstruction of subacute distal biceps tendon ruptures**  
Kathi Thiele, Christian Gerhardt, Laura König, Markus Scheibel  
Center for Musculoskeletal Surgery, Charité-Universitätsmedizin Berlin, Germany

17:42 - 17:50  
**OP-61. Vascularity visualized by doppler sonography as a predictor of healing potential of the osteochondritis dissecans of the humeral capitellum**  
Yoshikazu Kida, Toru Morihara, Yoshihiro Kotoura, Tsuyoshi Sukenari, Ryutetsu Furukawa, Yukichi Kabuto, Okhiro Onishi, Masataka Minami, Hiroyoshi Fujiwara, Toshikazu Kubo  
Department of Orthopaedics, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

17:50 - 17:58  
**OP-62. Vascularity visualized by doppler sonography as a predictor of healing potential of the osteochondritis dissecans of the humeral capitellum**  
Enrico Bellato, Youngbok Kim, James S. Fitzsimmons, Alexander W. Hooke, Lawrence J. Berglund, Daniel R. Bachman, Shawn W. O’Driscoll  
Mayo Clinic, Department of Orthopedics, Rochester, Minnesota, United States
## INSTRUCTIONAL COURSE LECTURE 4

**THE STIFF ELBOW**  
Chair: Stefan Greiner (Germany)  
**ROOM PAVILLON** · **07:30 - 08:45**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30 - 07:45</td>
<td>Posttraumatic stiffness - how to avoid and how to treat</td>
<td>Christian Gerhardt</td>
<td>Germany</td>
</tr>
<tr>
<td>07:45 - 08:00</td>
<td>Open treatment of the stiff elbow - indications and outcome</td>
<td>Alberto Schneebberger</td>
<td>Switzerland</td>
</tr>
<tr>
<td>08:00 - 08:15</td>
<td>Arthroscopic treatment of stiff elbow</td>
<td>Stefan Greiner</td>
<td>Germany</td>
</tr>
<tr>
<td>08:15 - 08:30</td>
<td>Nerve related complications in the treatment of the stiff elbow</td>
<td>Davide Blonna</td>
<td>Italy</td>
</tr>
<tr>
<td>08:30 - 08:45</td>
<td>Discussion</td>
<td></td>
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</tr>
</tbody>
</table>

## INSTRUCTIONAL COURSE LECTURE 5

**CLINICAL EXAMINATION OF THE ROTATOR CUFF**  
Chair: Alexandre Lädermann (Switzerland)  
**ROOM CHARLOTTENBURG I-II** · **07:30 - 08:45**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:35 - 07:50</td>
<td>Examination of the subscapularis</td>
<td>Johannes Barth</td>
<td>France</td>
</tr>
<tr>
<td>07:50 - 08:05</td>
<td>Examination of the supraspinatus</td>
<td>Anthony Romeo</td>
<td>USA</td>
</tr>
<tr>
<td>08:05 - 08:20</td>
<td>Examination of the infraspinatus</td>
<td>Alexandre Lädermann</td>
<td>Switzerland</td>
</tr>
<tr>
<td>08:20 - 08:35</td>
<td>Examination of the teres minor</td>
<td>Philippe Collin</td>
<td>France</td>
</tr>
<tr>
<td>08:35 - 08:45</td>
<td>Discussion</td>
<td></td>
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</tr>
</tbody>
</table>

## INSTRUCTIONAL COURSE LECTURE 6

**SHOULDER ARTHROPLASTY REGISTRY – WHERE ARE WE NOW?**  
Chair: Bo Olsen (Denmark), Luc Favard (France)  
**ROOM BELLEVUE** · **07:30 - 08:45**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30 - 07:38</td>
<td>Danish Shoulder Arthroplasty Registry (DSR); Maintenance and how to optimize the data set in a national registry</td>
<td>Steen Lund Jensen</td>
<td>Denmark</td>
</tr>
<tr>
<td>07:38 - 07:46</td>
<td>Swedish Shoulder Arthroplasty Registry historic overview and international cooperation with focus on NARA (common data set) and SECEC registry committee</td>
<td>Björn Salomonsson</td>
<td>Sweden</td>
</tr>
<tr>
<td>07:46 - 07:54</td>
<td>Registry Data and treatment of arthrosis. Clinical impact.</td>
<td>Jeppe Rasmussen</td>
<td>Denmark</td>
</tr>
<tr>
<td>07:54 - 08:04</td>
<td>The Australian Shoulder Arthroplasty Registry. Registry data on revision surgery and treatment of the cuff deficient shoulder</td>
<td>Richard Page</td>
<td>Australia</td>
</tr>
<tr>
<td>08:04 - 08:12</td>
<td>British Shoulder Arthroplasty Registry. Development of a new national registry, creation of and presenting the dataset, securing immediate national impact and impact of registry data on the treatment of shoulder fractures</td>
<td>Jonathan Rees</td>
<td>UK</td>
</tr>
<tr>
<td>08:12 - 08:20</td>
<td>German Shoulder Arthroplasty Registry. Creating a national voluntary registry with a focus on a strong dataset. Strengths and weaknesses</td>
<td>Petra Magosch</td>
<td>Germany</td>
</tr>
<tr>
<td>08:20 - 08:45</td>
<td>Discussion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SCIENTIFIC PROGRAM

Friday, September 15th

JSES SESSION 2

SHOULDER
Moderators: Frank Gohlke (Germany), Pierre Mansat (France)
ROOM TIERGARTEN - 07:30 - 08:45
In the focus of interest:
The most frequently cited European JSES papers
Shoulder arthroplasty in the young – anatomic or reverse
design to prefer?

Christian Gerber (Switzerland)
Reverse total shoulder arthroplasty for massive irreparable
rotator cuff tears in patients younger than 65 years old:
Results after five to fifteen years. (Cited by 65 papers)
Ek, E.T.H., Neukom, L., Catanzaro, S., Gerber, C.
J Shoulder Elbow Surg. 2013 Sep;22(9):1199-208. doi:
10.1016/j.jse.2012.11.016
Lars Lehmann (Germany)

EBM analysis
Patric Raiss (Germany)
Mid- to long-term follow-up of total shoulder arthroplasty
using a keeled glenoid in young adults with primary glenohu-
meral arthritis.
(Cited by 42 papers)
Denard, P.J., Raiss, P., Sowa, B., Walch, G.
J Shoulder Elbow Surg. 2013 Jul;22(7):894-900. doi:
10.1016/j.jse.2012.09.016
Lars Lehmann (Germany)

EBM analysis
Crossfire discussion:
Age limits and preferable design in younger patients
Case discussion with C. Gerber, P. Raiss and the audience using
live poll

SCIENTIFIC SESSION 7

ROTATOR CUFF - II
Moderators: Ofer Levy (UK)
Dirk Boehm (Germany)
ROOM POTSDAM - 09:00 - 10:30

09:00 - 09:08
OP-63. Partial subscapularis tears – should we repair?
Barbara Wirth, Hans-Kaspar Schwyzter, Matthias Flury, Maximilian
Lenz, Laurent Audigé
Schulthess Clinic, Zurich, Switzerland
SCIENTIFIC PROGRAM

Friday, September 15

09:56 - 10:04
OP-70. Arthroscopic superior capsule reconstruction eliminates pseudoparalysis in patients with irreparable rotator cuff tears
Teruhisa Mihata1, Thay Q Lee2, Akihiko Hasegawa1, Takeshi Kawakami1, Kunimoto Fukunishi3, Yuki Taka Fujisawa4, Mutsumi Ohue6, Masashi Neo1
1. Osaka Medical College, Takatsuki, Japan
2. Orthopaedic Biomechanics Laboratory, Long Beach, United States
3. Towakai hospital, Takatsuki, Japan
4. Shimizu hospital, Kyoto, Japan
5. Yaenosato hospital, Higashi-Osaka, Japan
6. Katsuragi hospital, Kishiwada, Japan

10:04 - 10:12
OP-71. What is the best type of arthroscopic fixation technique for the latissimus dorsi transfer? Jean Kany1, Jean David Wertheil2, Jean Grimberg3, Philippe Valenti1, Bassem Elhassan4
1. Clinique de l’Union, Saint Jean, France
2. Bizet, Paris, France
3. LIRCOS, Paris, France
4. Mayo Clinic, Parisrochester, United States

10:12 - 10:20
OP-72. Latissimus dorsi transfer isolated versus combined with a partial cuff repair in massive Felipe Reinares1, Marco Cartaya2, Jeandavid Wertheil3, Philippe Valenti2
1. Clinica Alemana, Santiago, Chile
2. Paris shoulder unit, Paris, France

10:20 - 10:28
OP-73. Isolated loss of active external rotation (ILER): A distinct entity and results of l’Episcopo tendon transfer Pascal Bolleau1, Mohammed Baba2, Walter B McIeIIand3, Charles-Edouard Thélu4, Christophe Trojani1, Nicolas Bronsard4
1. IULS - Hôpital Pasteur2, Nice, France
2. Sydney Adventist Hospital, Sydney, Australia
3. Peachtree Orthopedics, Atlanta, United States
4. Polyclinique du Bois, Lille, France
SCIENTIFIC PROGRAM

Friday, September 15th

09:48 - 09:56  
OP-80. Clinical and radiographic outcome of revision surgery of radial head arthroplasty  
Jetske Viveen, Izaak F Kodde, Koen Lm Koenraadt, Annechien Beumer, Bertram The, Denise Eygendaal  
Amphia Hospital, Breda, Netherlands, The Netherlands

09:56 - 10:04  
OP-81. Parallel plating for distal humeral fractures – radiographic and clinical outcomes  
Hanna Cecilia Björnsson Hallgren, Birgitta Svernlöv, Jens Nestorson, Lars Evert Adolfsson  
Institution for Clinical and Experimental Medicine, Division of Orthopaedics Linköping, Linköping, Sweden

10:04 - 10:12  
OP-82. Double-plating of comminuted proximal ulnar fractures: a retrospective multicenter study  
Gauthier Menu, Etienne Boyer, Julien Boudard, Clément Menez, Sébastien El Rifaï, François Losel, Séverin Rochet, Antoine Adam, Daniel Lepage, Laurent Obert  
Department of Orthopaedics, Trauma, Plastic Surgery, Reconstruction and Hand Clinic CHRU Jean Minjoz, Besançon, France

10:12 - 10:20  
OP-83. Implant survival for elective elbow arthroplasty. A study from the Swedish elbow arthroplasty register  
Hans Rahme1, Louise Hedenstedt2, Björn Salomonsson2  
1. Aleris Elisabeth hospital, Uppsala, Sweden  
2. Karolinska Institutet Danderyd Hospital, Stockholm, Sweden

10:20 - 10:28  
OP-84. Can we reasonably suggest a total elbow prosthesis to patients below the age of 55?  
Maghi Siala, Marine Arbojacot, Fanny Elia, Stéphanie Delclaux, Nicolas Bonneville, Pierre Mansat  
University Hospital of Toulouse, Toulouse, France

COFFEE BREAK
10:30 - 11:00

SCIENTIFIC SESSION 9
ANATOMICAL SHOULDER ARTHROPLASTY

Moderators: Michael Thomas (UK)  
Felix Zeifang (Germany)

ROOM POTSDAM - 11:00 - 12:30

11:00 - 11:08  
OP-85. Accuracy of patient specific instruments for positioning of humeral and glenoidal components in shoulder arthroplasty - an in vitro study  
Peter F. Müller1, Mathias A. Zumstein2, Bernhard Jost3, Christophe Monnier4, Ralph Hertel5  
1. Department of Orthopaedic Surgery, Munich, Germany  
2. Physical Medicine and Rehabilitation, Bern, Switzerland  
3. University of Munich, St Gallen, Switzerland  
4. Shoulder, Marcq-en-Barœul, France  
5. Elbow & Orthopaedic Sports Medicine, Bern, Switzerland

11:08 - 11:16  
OP-86. Version and inclination obtained with 3D planning in total shoulder arthroplasty: do different programs produce the same results?  
Patrick Joel Denard1, Matthew T Provencher2, Alexandre Lädermann2, Anthony A Romeo3, Joshua S Dines4  
1. Southern Oregon Orthopedics, Medford, United States  
2. The Steadman Clinic, Vail, United States  
3. Division of Orthopaedics and Trauma Surgery, La Tour Hospital, Meyrin, Switzerland  
4. Rush, Chicago, United States  
5. Hospital for Special Surgery, New York, United States

11:16 - 11:24  
OP-87. 3D Pre-operative planning and PSI for correction of highly deformed glenoids: can we avoid reverse arthroplasty in primary OA?  
Olivier Verborgt, Wouter Jak, Alexander Vervaeccke, Annemieke Van Haver  
AZ Monica, Antwerp, Belgium

11:24 - 11:32  
OP-88. 3D Planning and targeting guides for glenoid component positioning in total shoulder arthroplasty. Comparative study about 34 cases.  
Adrien Jacquot1, Marc-Olivier Gauck2, Jean Chaou1, Pascal Boileau1, Daniel Mole1, Gilles Walsh1  
1. Centre Chirurgical Emile Gaill, Nancy, France  
2. Hopital Pasteur - CHU de Nice, Nice, France  
3. Inmascap, Brest, France  
4. Centre Orthopédique Santy, Lyon, France
11:32 - 11:40
OP-89. Periprosthetic bone remodeling after stemless shoulder arthroplasty using a finite element analysis and Spect/CT imaging
Alexander Berth1, Oliver Grosser1, Heiko Wisse1, Jürgen Rost4, Klaus Liefeith4, Christoph Lohmann2
1. Department of Orthopaedic Surgery, Otto-von-Guericke-University, Magdeburg, Germany
2. Department of Radiology and Nuclear Medicine Otto-von-Guericke-University, Magdeburg, Germany
3. Department of Radiology and Nuclear Medicine Otto-von-Guericke-University, Magdeburg, Magdeburg, Germany
4. Institute for Bioprocessing and Analytical Measurement Techniques e.V., Heiligenstadt, Germany
5. Department of Orthopaedic Surgery, Otto-von-Guericke-University, Magdeburg, Germany

11:40 - 11:48
OP-90. Long-term results of resurfacing shoulder arthroplasty in osteoarthritis: retrospective monocenter study of 100 cases
Julie Lebon, Fanny Elia, Amélie Faraud, Julien Toulmeonde, Nicolas Bonnevialle, Pierre Mansat
University hospital of Toulouse, Toulouse, France

11:48 - 11:56
OP-91. High survival rates of anatomical total shoulder arthroplasty used for glenohumeral osteoarthritis
Jeppe V Rasmussen1, Steen L. Jensen2, Yilmaz Demir3, Randi Hole4, Trygve Mettler5, Björn Salomonsson2
1. Herlev university Hospital, Copenhagen, Denmark
2. Aalborg university Hospital, Aalborg, Denmark
3. Danderyds Sjukhus AB, Stockholm, Sweden
4. Haukeland University Hospital, Bergen, Norway

11:56 - 12:04
OP-92. Clinical and radiological results of fully uncemented glenoid component in total shoulder arthroplasty: a long-term follow up
Nader Davanzadeh, Alexander Van Tongel, Matthijs Jacksens, Lieven De Wilde
University Hospital, Gent, Belgium

12:04 - 12:12
OP-93. Impact of mineralcemented glenoid lines on clinical outcomes in anatomical total shoulder arthroplasty
David Colling1, Curtis Noe2, Sean Grey3, Thomas Wright4, Joseph Zuckerman5, Pierre-Henri Flurin6, Chris Roche7
1. Arkansas Specialty Orthopedics, Little Rock, United States
2. Crystal Clinic, Akron, United States
3. Ortho Center of the Rockies, Fort Collins, United States
4. Univ of Florida, Gainesville, United States
5. Hospital for Joint Diseases, New York, United States
6. Bordeaux-Merignac Clinic, Bordeaux, France
7. Exactech, Inc, Gainesville, United States

12:12 - 12:20
OP-94. After total shoulder arthroplasty, is long term glenoid component loosening really worse with a B2 glenoid.
Godfrey Brais1, Simon Nicholas Bell1, Jennifer Coghlan1
1. Melbourne Shoulder and Elbow Centre, Melbourne, Australia

12:20 - 12:28
OP-95. Hemiarthroplasty versus Total Shoulder Arthroplasty. A Retrospective Cohort Study
Meaghan D. Rollins1, Caleb Netting1, Carl Van Walraven2, Meltem Tuna3, Anan Badar Eddeen3, Peter L.C. Lapner4
1. Division of Orthopedics, University of Ottawa, Ottawa, Canada
2. University of Ottawa, Ottawa Hospital Research Institute, Institute for Clinical Evaluative Sciences, Ottawa, Canada, Ottawa, Canada
3. Ottawa Hospital Research Institute, Institute for Clinical Evaluative Sciences, Ottawa, Canada, Ottawa, Canada
4. Division of Orthopedics, Ottawa Hospital Research Institute, The Ottawa Hospital, University of Ottawa, Ottawa, Canada

SCIENTIFIC SESSION 10
YOUNG FORUM SESSION
TIPS & TRICKS FOR YOUNG SURGEON
Moderators: Joanna Walecka (Poland)
Roger Emery (UK)
ROOM PAVILION · 11:00 - 12:30

11:00 - 11:12
Young Forum in SECEC - Who are we?
Joanna Walecka, Poland

11:12 - 11:24
Fellowships for residents in shoulder and elbow surgery in Europe
Joanna Walecka, Poland
SCIENTIFIC PROGRAM

Friday, September 15th

11:24 - 11:36
Clinical examination of the shoulder - What is really mandatory?
Laurent Willemont, Belgium

11:36 - 11:48
How to proceed with imaging studies?
Juan Bruguera, Spain

11:48 - 12:00
What are the best functional scores in shoulder and elbow surgery?
Anna Krukenberg, Germany

12:00 - 12:12
Finite element analysis for basic science research
Ulrich Hansen, UK

12:12 - 12:24
Unsolved problems in shoulder surgery - ideas for future research
Luc Favard, France

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Ulrich Hansen, UK

12:12 - 12:24
Unsolved problems in shoulder surgery - ideas for future research
Luc Favard, France

14:25 - 14:30
Augmentation with alginate-chitin scaffold and rhBMP-2 in a chronic rotator cuff rupture model
Yaiza López, Camilla Arvinius, Belen Rizo, Carlos García-Fernández, Fernando Marco

Department of Orthopedic and Traumatology, Shoulder and Elbow Unit, Clínico San Carlos Hospital, Complutense University, Madrid, Spain

14:30 - 14:35
Efficacy of bone marrow-stimulating technique in rotator cuff repair
Kerem Bilsel1, M.D, FEBOT, Assoc. Prof; Fatih Yıldız2, M.D., Assist Prof; Mehmet Kapicioğlu3, M.D; Gokcer Uzer4, M.D., Assist Prof; Mehmet Elmadag5, M.D; Anıl Pulatkan1, M.D, Mukaddes Esrefoglu6, M.D, Prof; Ergun Bozdag6, PhD; Guiseppe Milano7, MD, Assoc. Prof

1. Department of Orthopedics and Traumatology, Bezmialem Vakit University School of Medicine, Vatan Cd, Fatih, Istanbul, Turkey.
2. Department of Histology, Bezmialem Vakit University School of Medicine, Vatan Cd, Fatih, Istanbul, Turkey.
3. Biomechanics Laboratory, Department of Mechanical Engineering, Istanbul Technical University, Gumussuyu Cd, Istanbul, Turkey.
4. Department of Orthopedics and Traumatology, Catholic University, Rome, Italy

14:40 - 14:45
Injury mechanisms in acute shoulder injuries and rotator cuff tears in a general population
Martine Enger1, Stein Arve Skjaker2, Knut Melhuus1, Lars Nordsletten2, Are Hugo Prip3, Stefan Moosmayer4, Jens Ivar Brox5

1. Section for Orthopaedic Emergency, Orthopaedic Department, Oslo University Hospital.
2. Orthopaedic Department, Oslo University Hospital.
3. Oslo Centre of Biostatistics and Epidemiology, Research Support Services, Oslo University Hospital.
4. Department of Orthopaedic Surgery, Martina Hansens Hospital.
5. Department of Physical Medicine and Rehabilitation Oslo University Hospital.

14:40 - 14:45
Coracoid tunnels in open and arthroscopic treatment of acromioclavicular dislocation: a cadaveric study and a systematic review of the literature
M. Calò1, L. Barbieri1, G. P. Vassario1, S. Marenco2, F. Castoldi2

1. Ospedale San Luigi Gonzaga, Orbassano, Italy
2. Città della salute e della scienza, Torino, Italy
14:45 - 14:50
Revisions of shoulder arthroscopies reveal indication-associated rates of low-grade infections
Stephan Pauly, Christian Gerhardt, Andrej Trampuz, Markus Scheibel
Center for Musculoskeletal Surgery, Charité-Universitätsmedizin
Berlin, Germany
14:50 - 14:55
Comparative study of total shoulder arthroplasty versus total shoulder surface replacement for glenohumeral osteoarthritis with minimum 2-year follow-up.
Kooistra BW, Willems WJ, Lemmens E, Hartel BP, van den Beemer M, van Deurzen DF
Department of Orthopaedic Surgery, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands

14:55 - 15:00
Patient Specific Guide in Reverse Shoulder Arthroplasty - what does it change?
Tânia Freitas1, Guilherme França1, Nuno Oliveira1, Carlos Mateus1, Manuel Vieira da Silva2,3, Nuno Ferreira1, Nuno Sevivas1
1Orthopaedics Department, Hospital de Braga, Braga, Portugal
2Life and Health Sciences Research Institute (ICVS), School of Medicine, University of Minho, Campus de Gualtar, Braga, Portugal.
3ICVS/3B’s - PT Government Associate Laboratory, Braga / Guimarães, Portugal
15:00 - 15:05
Accelerated rehabilitation protocol following reverse total shoulder arthroplasty. A new concept
E Fawzy, P Consigliere, J Lee, C Whitney-Lagen, L Natera, J Brugueraga, G Sforza, E Atoun, O Levy
Reading Shoulder Unit, Royal Berkshire and Berkshire Independent Hospitals, Reading, UK
15:05 - 15:10
Risk of revision caused by periprosthetic infection after shoulder arthroplasty: 6,877 primary arthroplasties from the Danish Shoulder Arthroplasty Registry
Jeppe Vejlgaard Rasmussen, Sahar Moeini, Bo Sønderhoff Olsen
Department of Orthopedics Section for Shoulder and Elbow Surgery, Herlev Hospital, University of Copenhagen, Denmark
15:10 - 15:15
Shoulder arthropathy secondary to syringomyelia – systematic review and case series
Wawrzyniak A, Lubiatowski P, Romanowski L.
Department of Traumatology, Orthopaedics and Hand Surgery, Poznań University of Medical Science, Rehasport Clinic, Poznań, Poland

14:45 - 15:45
SECEC PRESIDENTIAL GUEST LECTURE
Ups and downs in Shoulder and Elbow surgery - How to strive for the mountain top and bring others with you
Felix H. “Buddy” Savoie III, MD
ASES President. Tulane University - New Orleans Chairman of Orthopaedic Surgery Chief of Sports Medicine. USA

15:45 - 16:15
COFFEE BREAK

16:15 - 17:45
SYMPOSIUM 2
BONY-MEDIATED ANTERIOR SHOULDER INSTABILITY
Chair: Olivier Verborgt (Belgium)
ROOM POTSDAM · 16:15 - 17:45
16:15 - 16:30
Biomechanical perspectives of bony-mediated shoulder instability
Laurent Willemot
Belgium
16:30 - 16:45
Clinical and radiological examination of bony-mediated shoulder instability and treatment implications
Przemyslaw Lubiatowski
Poland
16:45 - 17:00
Remplissage and humeral head grafting procedures: techniques and long-term results
Giovanni Di Giacomo
Italy
17:00 - 17:15
Coracoid transfer procedures: techniques and long-term results
Lionel Neyton
France
17:15 - 17:30
Free bone grafting procedures: the past, the present and the future
Markus Scheibel
Germany
17:30 - 17:45
Discussion
INSTRUCTIONAL COURSE LECTURE 7

CHALLENGES IN SHOULDER ARTHROPLASTY
Chair: Anders Ekelund (Sweden)
ROOM PAVILLON · 07:30 - 08:45

07:30 - 07:40
The infected arthroplasty
Ludwig Seebauer
Germany

07:40 - 07:50
Anatomical or reverse arthroplasty in osteoarthritis - practical approach for preoperative evaluation
Ofer Levy
UK

07:50 - 08:00
Surgical technique for reverse arthroplasty in acute proximal humeral fractures
François Sirveaux
France

08:00 - 08:10
Bone grafting techniques of the glenoid
Anders Ekelund
Sweden

08:10 - 08:20
How to remove a well fixed humeral component
Lieven de Wilde
Belgium

08:20 - 08:45
Discussion

INSTRUCTIONAL COURSE LECTURE 8

RADIOHUMERAL OSTEOARTHRITIS
Chair: Adam Watts (UK)
ROOM CHARLOTTENBURG I-II · 07:30 - 08:45

07:30 - 07:40
Cartilage debridement and Pridie techniques
Adam Watts
UK

07:40 - 07:50
Shortening osteotomy
Lars Peter Mueller
Germany

07:50 - 08:00
Interposition arthroplasty
Antonio Foruria De Diego
Spain

08:00 - 08:10
Arthroscopic radial head resection
Raul Barco
Spain

08:10 - 08:20
Radiohumeral arthroplasty
Roger van Riet
Belgium

08:20 - 08:45
Discussion

INSTRUCTIONAL COURSE LECTURE 9

MANAGEMENT OF COMPLICATIONS IN SHOULDER AND ELBOW SURGERY
Chair: Bernhard Jost (Switzerland)
ROOM BELLEVUE · 07:30 - 08:45

07:35 - 07:49
Arthroscopic rotator cuff repair
Mehmet Demirhan
Turkey

07:49 - 08:03
Proximal humerus fractures
Uli Brunner
Germany

08:03 - 08:17
Reverse total shoulder arthroplasty
Christian Gerber
Switzerland

08:17 - 08:31
Acute and chronic elbow instability
Pierre Mansat
France

08:31 - 08:45
Distal humerus fractures
Franz Kralinger
Austria

* 2 minutes after each talk

TECHNOLOGY SESSION

TECHNOLOGY IN EDUCATION
Chair: Thomas Gregory (France)
ROOM CHARLOTTENBURG III · 07:30 - 08:45

Arthroscopic training and simulation, state of the art
Gabriëlle Tuijthof (Netherlands)

Haptics and simulation for orthopaedic surgery and training
Ferdinando Rodriguez y Baena (UK)

Simulation based shoulder and elbow management
Young Lae Moon (South Korea)

Virtual reality simulators and surgical certification
Thomas Gregory (France)
SCIENTIFIC PROGRAM

Saturday, September 16th

SCIENTIFIC SESSION 11

REVERSE SHOULDER ARTHROPLASTY-I

Moderators: Carlos Torrens (Spain)
Falk Reuther (Germany)

ROOM POTSDAM - 09:00 - 10:30

09:00 - 09:08
OP-107. Effect of humeral and glenoid combination on range of motion in reverse shoulder arthroplasty
Pierpix Deransart1, Gilles Walch1, Alain Farron2, Alexandre Lädermann3
1 IMASCAP, Brest, France
2 CHUV, Lausanne, Switzerland

09:08 - 09:16
OP-108. Can a functional difference be detected in reverse arthroplasty with 135° vs. 155° prosthesis for the treatment of rotator cuff arthropathy: a prospective randomized study
Yousef Shishani1, Evan Lederman2, Patrick Denard3, Reuben Gobeze1
1 Shoulder and Elbow Service - University Hospital Strasbourg, Strasbourg, France
2 Shoulder and Elbow Service, Nancy, France
3 Shoulder and Elbow Service, Tours, France

09:16 - 09:24
OP-109. Does the glenosphere size influences mid to long terms clinical results of reversed shoulder arthroplasties - 36 and 42 glenospheres
Philippe Clavert1, Agathe Kling1, François Sirveaux2, Luc Favard3, Gilles Walch4
1 Shoulder and Elbow Service - University Hospital Strasbourg, Strasbourg, France
2 Shoulder and Elbow Service, Nancy, France
3 Shoulder and Elbow Service, Tours, France
4 Centre Orthopédique Santy, Lyon, France

09:24 - 09:32
OP-110. Correlation between the humeral component retroversion and the internal rotation in reverse shoulder arthroplasty
Christina Garving, Ulrich Bechler, Ulrich H Brunner

09:32 - 09:40
OP-111. Not repairing the subscapularis in reverse shoulder arthroplasty does not change the final outcome: a prospective controlled study
Sibrary Dmir1, Stefano Tognoni1, Renato Salvador1, Diego Carniel1, Roberto Ferrante1, Francesco Bisco1, Camobrecco Domenico1, Oreste Arduin1, Camille Saffaye1, Paolo Piovan1
1 Department of Orthopaedic Surgery, Casa di Cura Porto Viro, Italy, Porto Viro, Italy
2 Department of Surgery, School of Medicine, University of Padua, Italy, Padova, Italy

09:40 - 09:48
OP-112. Long-term results of reverse total shoulder arthroplasty for massive irreparable rotator cuff tears in patients younger than 60 years
Lukas Embrunbrunner, Aline Suter, Sabrina Catanzaro, Stefan Rahm, Christian Gerber
Balgrist University Hospital, Zurich, Switzerland

09:48 - 09:56
OP-113. Long term results after reverse shoulder arthroplasty: glenoid notch or glenoid osteolysis?
Stéphane Julliart1, Adrien Jacquot1, Thomas Goetzmann1, François Sirveaux1, Pascal Boileau1, Daniel Molé2
1 Centre Chirurgical Emile Gallé, Nancy, France
2 Hôpital Pasteur1, Nice, France

09:56 - 10:04
OP-114. Survivorship analysis of 1953 reverse shoulder arthroplasties (RSA) followed for five to twenty-two years: predictive factors of revision.
Luc Favard1, Julien Berhouet1, Mikael Chell1, Pascal Boileau1, Gilles Walch2
1 CHU Tours, Tours Cédex, France
2 CHU Amiens, Amiens, France

10:04 - 10:12
OP-115. Resurfacing hemiarthroplasty versus reverse shoulder arthroplasty in treatment of cuff tear arthropathy - a matched-pair analysis
Mette Ammitzbøll, Amin Baram, Jeppe Vejlgaard Rasmussen, Bo Sanderhoff Olsen
Herlev Hospital, Copenhagen, Denmark

10:12 - 10:20
OP-116. BIO-RSA with allograft bone grafting of the glenoid surface, with a minimum follow-up of 5 years
Tjacco DW Alting1, Nicolas Morin-Salvo1, Charles Bessière1, Pascal Boileau2
1 Spaarne Gasthuis, Hoofddorp, Netherlands, The Netherlands
2 IULS - Hôpital Pasteur1, Nice, France

10:20 - 10:28
OP-117. Mid-term results of metallic lateralization in reverse shoulder arthroplasty.
Jean-David Raphael Wertheil1, Ali Maqdes1, Philippe Valenti2
1 Hôpital Ambroise Pare, Boulogne-Billancourt, France
2 Al Razi Orthopaedic Hospital, Kuwait City, Kuwait

10:28 - 10:36
OP-118. Survivorship analysis of 1953 reverse shoulder arthroplasties (RSA) followed for five to twenty-two years: predictive factors of revision.
Luc Favard1, Julien Berhouet1, Mikael Chell1, Pascal Boileau1, Gilles Walch2
1 CHU Tours, Tours Cédex, France
2 CHU Amiens, Amiens, France

10:36 - 10:44
OP-119. Survivorship analysis of 1953 reverse shoulder arthroplasties (RSA) followed for five to twenty-two years: predictive factors of revision.
Luc Favard1, Julien Berhouet1, Mikael Chell1, Pascal Boileau1, Gilles Walch2
1 CHU Tours, Tours Cédex, France
2 CHU Amiens, Amiens, France

10:44 - 10:52
OP-120. Survivorship analysis of 1953 reverse shoulder arthroplasties (RSA) followed for five to twenty-two years: predictive factors of revision.
Luc Favard1, Julien Berhouet1, Mikael Chell1, Pascal Boileau1, Gilles Walch2
1 CHU Tours, Tours Cédex, France
2 CHU Amiens, Amiens, France

10:52 - 10:59
OP-121. Survivorship analysis of 1953 reverse shoulder arthroplasties (RSA) followed for five to twenty-two years: predictive factors of revision.
Luc Favard1, Julien Berhouet1, Mikael Chell1, Pascal Boileau1, Gilles Walch2
1 CHU Tours, Tours Cédex, France
2 CHU Amiens, Amiens, France
AWARD SESSION

Moderator: Juan Bruguera (Spain)
ROOM POTSDAM · 11:00 - 11:50

Introduction of the US fellows (Grant Garrigues, Anshuman Singh)
Philippe Collin, France

Introduction of the fellows
Philippe Collin, France

Travel report 2016 Europe/Asia travelling fellows
Tjarco Alta, The Netherlands, Alexander Van Tongel, Belgium
Travel report 2017 Intra European travelling fellows
Joanna Walecka, Poland, Abbas Rashid, UK

Best poster prize
Chairman: Philippe Collin (France)

Presentation of the 5 best posters (2 min)
1. The incidence of propionibacterium acnes in shoulder surgery
   Yukihiro N/A Kajita1, Yusuke N/A Iwahori2, Ryosuke N/A Takahashi2
   1 Ichinomiyanishi hospital, Ichinomiya, Japan
   2 Aichimedical university, Nagakute, Japan

2. Effect of neuromuscular control on the shoulder function after rotator cuff repair – availability of time to peak torque and acceleration time
   Jisoon Park1, Jin Hyuck Lee2, Woong Kyo Jeong2
   1 Sheikh Khalifa Specialty Hospital, Ras Al Kaimahh, United Arab Emirates
   2 Korea University Anam Hospital, Seoul, South Korea

3. Mechanoreceptors distribution in the human medial collateral ligament of the elbow
   Erica Kholinne1, Hyun Joo Lee2, Maria Florencia Deslivia3, Ga Yeong Kim4, In Ho Jeon5
   1 Upper Extremity Unit, Department of Orthopedic Surgery, St. Carolus Hospital, Jakarta, Indonesia
   2 Department of Orthopedic Surgery, Kyungpook National University Hospital, Daegu, South Korea
   3 Korea Institute of Science and Technology, Seoul, South Korea
   4 Department of Orthopedic Surgery, Asan Medical Center, University of Ulsan, Seoul, South Korea

5. Clinical outcomes of arthroscopic stabilization for recurrent anterior shoulder instability with glenoid bone loss: arthroscopic bankart repair alone versus the augmentation with bone graft
   Norishige Iizawa1, Minoru Yoneda1, Shinichi Yamada1, Naoko Mizuno1, Kazuki Goto1, Satoshi Iwasita1, Shinro Takai1
   1 Nippon Medical School, Tokyo, Japan
   2 Hoshigaoka Medical Center, Osaka, Japan
   3 Toyonaka Municipal Hospital, Osaka, Japan
   4 Japan Community Health care Organization on Osaka Hospital, Osaka, Japan

Announce of the winner
- Video Prize
Chairman: Philippe Collin (France)
Announce of the winner
- Best Paper Prize
Chairman: Nicole Pouliart (Belgium)
Announce of the winner
- Research grant
Chairman: Nicole Pouliart (Belgium)
Announce of the winner
- Didier Patte Prize
Chairman: Nicole Pouliart (Belgium)
Announce of the winner
- National Societies’ Best Paper Prize
Chairman: Anders Ekelund (Sweden)
Announce of the winner

INVITED SOCIETIES SESSION

GERMAN SOCIETIES DVSE AND AGA
Moderators: Matthias Flury (Switzerland)
Markus Scheibel (Germany)
ROOM POTSDAM · 12:00 - 12:50

German Shoulder and Elbow Society (DVSE)
Society of Arthroscopy and Joint Surgery (AGA)

The value of multicenter studies (MCS) in the german speaking societies
Dirk Maier, Germany
**Scientific Program**

**Saturday, September 16th**

**DVSE - MCS**

**Acute Rockwood type III injuries – surgical vs non-operative management**
Mark Tauber, Germany

**First-time anterior shoulder dislocation – immobilization vs arthroscopic stabilization**
Marvin Minkus, Germany

**AGA - MCS**

**Clinical and structural results after arthroscopic revision after failed primary rotator cuff repair**
Eddi Buegg, Switzerland

**Arthroscopic reconstruction of bony avulsions of the rotator cuff**
David Krüger, Germany

**LUNCH BREAK**

**EXHIBITION AREA • 12.50 - 13.40**

**SCIENTIFIC SESSION 12**

**Reverse Shoulder Arthroplasty-II**

**Moderators:** Alain Farron (Switzerland)
Philip Kasten (Germany)

**ROOM POTSDAM • 13:40 - 14:20**

**13:40 - 13:48**

**OP-120. Outcome and complications after reverse shoulder arthroplasty in patients with parkinson’s disease**
Christian Jung, Hans-Kaspar Schweyer, Matthias Flury, Laurent Audigié, Christoph Kolling
Schulthess Clinic, Zurich, Switzerland

**13:48 - 13:56**

**OP-121. Are convertible platform systems really revisable?**
Albert Ferrando1, Luis Natera2, Paolo Consigliere3, Caroline Witney-Laguer4, Juan Bruguer4, Giuseppe Sforza4, Ethd Atoun5, Ofer Levy5
1 Hospital Politecnico i Universitari La Fe, Valencia, Spain
2 Reading Shoulder Unit, Reading, United Kingdom

**13:56 - 14:04**

**OP-122. Reverse shoulder arthroplasty for failed hemi, a 5 year minimum follow up study**
Thomas D’Ollonne, Pascal Boileau, Toby Baring, Patrick Gendre
CHU Nice, Nice, France

**14:04 - 14:12**

**OP-123. Reconstruction of the proximal humerus with massive allograft and reverse shoulder arthroplasty**
Jean-Luc Raynier1, Patrick Gendreau1, Yves Bouju2, Olivier Gastaude1, Thomas D’Ollonne1, Christophe Trojani1, Luc Favard1, Pascal Boileau1
1 IULS - Hôpital Pasteur 2, Nice, France
2 Institut Main Atlantique, Nantes, France
3 Hôpital Trousseau, Tours, France

**14:12 - 14:20**

**OP-124. Outcomes of endoprosthetic replacement for massive proximal humeral bone deficiency**
Mohamed S. Galhoum1, Simon P Frostick2, Amanda Wood3
1 Orthopedic Surgery Department, Royal Liverpool and Broadgreen University Hospital NHS Trust, Liverpool, United Kingdom
2 Musculoskeletal Science Research Group, Department of Molecular and Clinical Cancer Medicine, Institute of Translational Medicine, Faculty of Health and Life Sciences, University of Liverpool, UK, Liverpool, United Kingdom
3 Musculoskeletal Science Research Group, Department of Molecular and Clinical Cancer, Liverpool, United Kingdom

**SCIENTIFIC SESSION 13**

**Miscellaneous - II**

**Moderators:** Cecilie Piene Schroeder (Norway)
Lars-Johannes Lehmann (Germany)

**ROOM POTSDAM • 14:30 - 15:20**

**14:30 - 14:38**

**OP-125. No association between Propionibacterium acnes and frozen shoulder; shoulder injections increase likelihood of shoulder capsule colonisation**
Simon John Booker, Matthew Boyd, Sian Gallacher, Jonathan P Evans, Cressida Auckland, Jeffrey Kitson, William Thomas, Chris Smith
Royal Devon and Exeter Hospital, Exeter, United Kingdom

**14:38 - 14:46**

**OP-126. Propionibacterium acnes in primary reverse shoulder arthroplasty. From skin to deep layers.**
Carlos Torrens, Raquel Mari, Albert Aller, Luis Puig, Fernando Santana Santana
Hospital del Mar, Barcelona, Spain
14:46 - 14:54
OP-127. Cefazolin is superior to cefonicid for antibiotic prophylaxis in shoulder surgery
Kazum Efraim, Ofir Chechik, Ronen Ben-Ami, Oleg Dolkart, Yariv Goldstein, Dani Rotman, Eran Maman
1. Shoulder Unit, Orthopedic Surgery Division, Tel-Aviv Medical Center, Tel Aviv, Israel
2. Infectious Disease Unit, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

14:54 - 15:02
OP-128. Interest of the glenoid hull method for analyzing humeral subluxation in primary glenohumeral osteoarthritis
Soufyane Bouacida, Cyril Lazerges, Michel Chammas, Bertrand Coulet
CHU Lapeyronie, Montpellier, France

15:02 - 15:10
OP-129. Glenoid bone deficiency in anatomic total shoulder arthroplasty – clinical impact of a new treatment-based classification system
Birgit S Werner, Inken Wiese, Robert Hudek, Frank Gohlke
Rhön Klinikum AG, Bad Neustadt, Germany

15:10 - 15:18
OP-130. A novel shoulder disability staging system for scapulothoracic arthrodesis in patients with facioscapulohumeral dystrophy
Ilker Erer, Olga Birsel, Öğüz Öztop Çakmak, Aycan Aslaner, Mehmet Demirhan, Piraye Oflazer, Yasemin Gürsoy Özdemir, Hülya Kayserili, Serpil Eraslan
1. Koc University, School of Medicine, Department of Orthopaedics and Traumatology, Istanbul, Turkey
2. Koc University, School of Medicine, Department of Neurology, Istanbul, Turkey
3. Koc University, School of Medicine, Department of Medical Genetics, Istanbul, Turkey
4. Memorial Hospital, Department of Neurology, Istanbul, Turkey
5. Koc University, School of Medicine, Department of Molecular Genetics, Istanbul, Turkey

15:20 - 15:28
OP-131. The “fishmouth” long head of the biceps biological tenodesis without implant.
Juan Bruguera, Luis Gerardo Natera, Luigi Piscitelli, Paolo Consigliere, Caroline Witney-Lagen, Ofer Levy
1. Reading Shoulder Unit, Reading, Berkshire, United Kingdom
2. Hospital Santa Maria della Misericordia, Perugia, Italy

15:28 - 15:36
OP-132. Acromioplasty planification: a randomized prospective study
Cécilia Charbonnier, Frank C Kolò, Alexandre Lädermann
1. Artanim, Meyrin, Switzerland
2. Rive Droite Radiology Center, Meyringeneva, Switzerland
3. La Tour Hospital, Meyrin, Switzerland

15:36 - 15:44
OP-133. A Shortcut to arthroscopic suprascapular nerve decompression at the suprascapular notch: new arthroscopic landmarks and surgical technique
Hatem Galal Said, Ayman Farouk Abdelkawi, Tarek Nabil Fetih, Ahmed Wahid Kandil
1. Orthopedic Department, Assiut University Hospital, Assiut, Egypt
2. Orthopedic Department, Alexandria University Hospital, Alexandria, Egypt

15:52 - 16:00
OP-135. Double nerve transfer for the reanimation of isolated deltoide palsy.
Thibault Lafosse, Thibault Gerise, Malo Lehanneur, Emmanuel Masmejean, Jerome Pierrat, Arnaud Walch
European Hospital Georges Pompidou, Paris, France
16:00 - 16:08
OP-136. Osteotomy of ulna and humerus with preservation of triceps tendon for revision of total elbow arthroplasty
Christophe Spormann
Endoclinic Klinik Hirslanden, Zürich, Switzerland

14:00 - 14:07
OP-137. Sensomotoric deficits following shoulder surgery
Knut Beitzel¹, Stefan Buchmann¹, Robin Köhler¹, Fabian Stöcker¹, Andreas B Imhoff¹, Sven Reuter²
¹. Department of Orthopaedic Sportsmedicine, TU Munich, Munich, Germany
². OFZ Weilheim, Weilheim, Germany

14:07 - 14:14
OP-138. Early mobilization after rotator cuff repair, does it really matter?
Marwan Haddad¹, Galit Daniel-Lavee¹, Wasim Mshiel¹, Yariv Keren², Yaron Berkovich³
¹. Galilee Medical Center, Naharya, Israel
². Rambam Medical CAMPUS, Haifa, Israel
³. Department of Sports Science, TU Munich, Munich, Germany

14:14 - 14:21
OP-139. How does shoulder immobilization influence daily physical activity – an accelerometer based study
Dennis Liem, Monika Grabowski, Georg Gosheger, Kristian Schneider, Sebastian Klingebiel, Dominik Schorn, Carolin Rickert
University Hospital Muenster, Münster, Germany

14:21 - 14:28
OP-140. One-year follow-up of the progressive exercise training for patients with rotator cuff related shoulder pain: single group study to investigate the effects on pain severity and disability status
Elif Turgut, Irem Düzgün
Hacettepe University, Ankara, Turkey

14:28 - 14:35
OP-141. Preoperative factors influence the recovery of forward flexion following reverse shoulder arthroplasty
Solenn Gain, Philippe Collin
CHP Saint Grégoire, Saint Grégoire, France

14:35 - 14:42
OP-143. Development and use of a tool for quantifying physiotherapy treatment of subacromial impingement syndrome / rotator cuff tendinopathy (SIS/RCT) patients
Michael J Smith¹, Robert Goldsmith², Anne Wilkes², Timothy Matthews³
¹. Cardiff University, Cardiff, United Kingdom
². Cardiff and Vale University Health Board, Cardiff, United Kingdom
³. Institute of Neuroscience and Physiology, Department of Health and Rehabilitation, Unit of Physiotherapy, Lerum, Sweden

14:42 - 14:49
OP-144. The efficacy of cryotherapy for dysfunctions primarily developed from the musculo skeletal system – a systematic review
Ingrid Hultenheim Klintberg
Institute of Neuroscience and Physiology, Department of Health and Rehabilitation, Unit of Physiotherapy, Lerum, Sweden

15:00 - 15:07
OP-146. Conservative rehabilitation for shoulder instability in an elite gymnast
Hilde - Fredriksen
Norwegian Olympic Sports Center, Oslo, Norway
15:07 - 15:14
OP-147. The acute effect of kinesiotaping in surgically repaired shoulders with history of anterior instability: a three-dimensio-nal motion analysis
Elif Turgut, Gazi Huri, Taha I Yildiz, Ege
ten Turhan, Leyla S Eraslan, Ser
dar Demirci, Irem Düzgün, Mahmut N Doral
Hacettepe University, Ankara, Turkey

15:14 - 15:21
OP-148. New dynamic brace and targeted fast rehab proto-col for soccer players with in season gleno humeral anterior dislocation
Marco Conti1, Raffaele Garofalo2, Enrico Ceccarelli3, Alessandro Castagnà2
1. MedSport, Varese, Italy
2. Miulli Hospital, Bari, Italy
3. Villa Stuart, Roma, Italy
4. Humanitas, Milano, Italy

15:21 - 15:28
OP-149. Impact of multidisciplinary rehabilitation on the socioe
conomic burden of shoulder instability – a prospective study.
Tania Louise Douglas, Elaine Cobb, Anthony Gilbert, Anju Jaggi
Royal National Orthopaedic Hospital, Stanmore, United Kingdom

15:28 - 15:35
OP-150. The Scapular Dyskinesis Test: Is it reliable and valid?
Michael J Smith1, Robert Goldsmith2, Kevin Nicholas3, Samantha Owen4
1. Cardiff University, Cardiff, United Kingdom
2. Cardiff & Vale University Health Board, Cardiff, United Kingdom
3. Department of Traumatology, Orthopaedics and Hand Surgery, University of Medical Sciences in Poznan, Poznan, Poland

15:42 - 15:49
OP-152. Inferior shoulder joint position sense in junior handball players
Hilde Fredriksen, Piotr Krzysztof Kaczmarek1, Przemyslaw Lubiatowski2, Pavel Cisowski2, Witold Dudzinski3, Leszek Romanowski3
1. Rehasport Clinic, Poznan, Poland
2. Rehasport Clinic; Department of Traumatology, Orthopaedics and Hand Surgery, University of Medical Sciences in Poznan, Poznan, Poland
3. Department of Traumatology, Orthopaedics and Hand Surgery, University of Medical Sciences in Poznan, Poznan, Poland

15:49 - 15:56
OP-153. Kinematics and electromyographic analysis of shoulder girdle in professional archery. A prospective laboratory study
Elisa De Santis, Ilaria Parel, Fabio Dellabianca, Giuseppe Porcellini, Giovanni Merolla
Biomechanics Laboratory, D. Cervesi Hospital, Cattolica, Italy

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