

28

# SECEC-ESSSE CONGRESS

**EUROPEAN SOCIETY FOR SURGERY  
OF THE SHOULDER AND THE ELBOW**



**GENEVA • SWITZERLAND**

September 19 - 22 • 2018

SECEC-ESSSE

FINAL PROGRAM



[www.secec.org](http://www.secec.org)





**GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22**

## INDEX

Welcome Address	04-05
Committees	06
Congress Venue & Main Contact Details	07
Registration Fees	08
General Information	09
Exhibition	11-13
Scientific Grid	14-16
Scientific Program	17
Invited Keynote Speakers	38
EUSSER Symposium	39
Lunch Workshops	41





**GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22**

## WELCOME ADDRESS



**Alexandre Lädermann**  
Congress President

Dear Colleagues, Friends, and Members of the SECEC family,

In September 2018, Geneva will be holding the 28th Congress of the European Society for Surgery of the Shoulder and the Elbow (SECEC-ESSSE).

On behalf of the Swiss Orthopaedics And Elbow Surgery Expert's Group, we are very excited to welcome back the congress in Switzerland for the first time since 1988 when Norbert Gschwend, one of the founding fathers of SECEC, together with Christian Gerber, hosted the congress in Bern. Switzerland has been historically influential in orthopedic progress and nowadays is one of the top two best countries in the world for medical care. Geneva is Europe's leading city break destination, very well connected. It is the smallest international city of the world and counts as one of the safest town in the heart of the EU.

Geneva, home of Calvinism, is a unique environment, a place of history and heritage. It offers a lot to discover with its old city, its fine gastronomy, and its scenic lake landscape. The cosmopolitan city has a way to combine the very modern with century old traditions as it is not only a melting pot for international NGOs but also a hub for scientific research led at CERN, watchmaking know-how, high-quality prized wines and of course finance.

Geneva's unique identity fits perfectly within the original mission of SECEC: high scientific standard, cooperation within the orthopedic community, continuous training and innovations. The congress will take place in the iconic and luxurious CIGG conveniently located just off the Place des Nations (UN) and within easy reach of the city center.

I am looking forward to welcoming you and sharing experience and expertise during the congress as well as traditional Swiss customs and hospitality at a variety of very special social events.

**Welcome to Geneva!**



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## WELCOME ADDRESS



**Roger Emery**  
President SECEC

Dear Friends and Colleagues,

We are delighted to bring our 28th Congress to the historic city of Geneva.

Geneva is the home of the World Health Organization, and is therefore an ideal setting for our Society to consider and debate the important issues of delivering healthcare for musculoskeletal disease and for the conditions affecting the shoulder and elbow in particular.

SECEC, in keeping with the World Health Organization, aims to provide affordable treatment and safe surgery for the injuries and disabilities we encounter. The advances in technology inevitably have an economic cost to our society and global healthcare. We also share the ambitions of promoting evidence based policies and education to improve surgical standards and outcomes for our patients.

We are confident that Alex Laedermann and his colleagues will organize an excellent meeting that will define our current and future practice.

Please contribute and participate in this debate by joining us in this great city.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## COMMITTEES

### SECEC

#### EXECUTIVE COMMITTEE

##### President

Roger Emery (United Kingdom)

##### Vice-President

Mehmet Demirhan (Turkey)

##### Past President

Frank Gohlke (Germany)

##### Treasurer

Anders Ekelund (Sweden)

##### General Secretary

Emilio Calvo (Spain)

##### Members

Mario Borroni (Italy)

Philippe Collin (France)

Alexandre Laedermann (Switzerland)

Przemyslaw Lubiatowski (Poland)

Pierre Mansat (France)

Nicole Pouliart (Belgium)

Markus Scheibel (Germany)

Carlos Torrens (Spain)

Roger Van Riet (Belgium)

##### SECEC Secretary

Sylvie Noël (France)

### SECEC PROGRAM COMMITTEE

#### Chairman

Emilio Calvo (Spain)

#### Members

Kerem Bilsel (Turkey)

Bertrand Coulet (France)

Matthias Flury (Switzerland)

Jörn Kircher (Germany)

Mario Borroni (Italy)

Alexandre Laedermann (Switzerland)

### SECEC EDUCATION COMMITTEE

#### Chairman

Philippe Collin (France)

#### Members

Giacomo Delle Rose (Italy)

Robert Hudek (Germany)

Philip Kasten (Germany)

Paolo Paladini (Italy)

Alberto Schneeberger (Switzerland)

### SECEC

#### REHABILITATION COMMITTEE

##### Chairman

Roger Van Riet (Belgium)

##### Members

Marco Conti (Italy)

Raffaele Garofalo (Italy)

Ariane Gerber-Popp (Switzerland)

Frieder Mauch (Germany)

Lionel Neyton (France)

### SECEC

#### EASTERN EUROPEAN SUPPORT COMMITTEE

##### Chairman

Przemyslaw Lubiatowski (Poland)

##### Members

Nuri Aydin (Turkey)

Evgeniy Goncharov (Russia)

Pericles Papadopoulos (Greece)

Thilo Patzer (Germany)

Gabor Skaliczki (Hungary)

### SECEC WEBSITE COMMITTEE

#### Chairman

Mario Borroni (Italy)

#### Webmaster

Michael Schär (Switzerland)

#### Members

Philip Moroder (Germany)

Taner Gunes (Turkey)

Christian Spross (Switzerland)

### SECEC MEMBERSHIP COMMITTEE

#### Chairman

Alexandre Laedermann (Switzerland)

#### Members

John Feroussis (Greece)

Christian Gerhardt (Germany)

Giuseppe Sforza (United Kingdom)

Markus Wambacher (Austria)

### SECEC

#### RESEARCH AND DEVELOPMENT COMMITTEE

##### Chairman

Nicole Pouliart (Belgium)

##### Members

Tjarco Alta (The Netherlands)

Francesco Franceschi (Italy)

Sven Lichtenberg (Germany)

Xavier Ohl (France)

### SECEC QUALIFICATION COMMITTEE

#### Chairman

Markus Scheibel (Germany)

#### Members:

Raul Barco (Spain)

Ruth Delaney (Ireland)

Harry Georgousis (Greece)

Patric Raiss (Germany)

Marco Sarmiento (Portugal)

Marta Slezak (Poland)

Olivier Verborgt (Belgium)

### SECEC REGISTRY COMMITTEE

#### Chairman

Carlos Torrens (Spain)

#### Members:

Lijkele Beimers (The Netherlands)

Luc Favard (France)

Jonathan Rees (UK)

Bjorn Salomonsson (Sweden)

Birgit Werner (Germany)



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### LOCAL ORGANIZING COMMITTEE



Alexandre Lädemann



Alain Farron

### VENUE

#### CICG

#### International Conference Center

Rue de Varembe 17,  
1211 Genève, Switzerland  
<http://www.cicg.ch/>



### MAIN CONTACT DETAILS

#### SECEC HEADQUARTERS

#### European Society for Surgery of the Shoulder and Elbow

Secretary: Sylvie Noël

69 Bld des Canuts

69004 Lyon

M. +33 683 17 86 13

[sececoffice@gmail.com](mailto:sececoffice@gmail.com)



#### TECHNICAL SECRETARIAT

#### General Information

#### Registration - Exhibition - Sponsorship

#### SECEC Meetings - TORRES PARDO

Nàpols, 187 2º

08013 Barcelona, Spain

Tel. +34 93 246 35 66

Fax. +34 93 231 79 72

[info@secec-meetings.org](mailto:info@secec-meetings.org)

**TORRESPARDO**  
Congress Management

#### LOCAL PCO

#### Accommodation - Social Events - Tours & Excursions

#### SYMPORG SA

Rue Rousseau 30

1201 - Genève

Switzerland

Tel. +41(0)22 839 84 84

[info@symporg.ch](mailto:info@symporg.ch)

**SYMPORG**



**GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22**

## REGISTRATION FEES

### MEMBERS (access to the full congress – SECEC and EUSSER sessions)

Before June 30th	After July 1st	On site
475€	560€	595€€

### NON MEMBERS (access to the full congress – SECEC and EUSSER sessions)

Before June 30th	After July 1st	On site
595€	680€	700€

### RESIDENTS (access to the full congress – SECEC and EUSSER sessions)

Before June 30th	After July 1st	On site
330€	360€	390€€

### EUSSER sessions

	Before June 30th	After July 1st	On site
Friday and Saturday	140€	160€	180€€
Including Workshops on Saturday	170€	190€	210€€

The participant's registration includes documentation, certificate of attendance, coffee breaks, access to the industrial exhibition, lunch on Saturday 22nd, opening ceremony and Welcome Cocktail

**Gala Dinner:** 120€

**Welcome Cocktail (For non delegates):** 60€

### Cancellation Policy:

25% refund for those cancellations received before July 31st 2018

No refund for those cancellations received after August 1st 2018





**GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22**

## GENERAL INFORMATION

### REGISTRATION & ABSTRACT SUBMISSION

[www.secec2018.com](http://www.secec2018.com)

### CAR PARKING

Parking area available at the Congress venue

### WIRELESS INTERNET ACCESS

WiFi Internet access area will be available at the Congress.

### SOCIAL EVENTS

#### Welcome Cocktail

SECEC 2018 Welcome Cocktail will be held on Wednesday, 19th late afternoon after the Opening Ceremony. (included in the registration fee)

#### Gala Dinner

SECEC 2018 Gala Dinner will be held on Friday, September 21st evening. (not included in the registration fee)

### ACCOMMODATION DETAILS

Accommodation details and further announcements are available at the website.

### ECO-FRIENDLY

SECEC is a paperless, sustainable and environmental friendly Congress encouraging the use of recyclable material.

### SMOKING

SECEC 2018 is a non-smoking congress.

### IMPORTANT DATES

Deadline for abstract submission: February 15th 2018

Deadline for early registration: July 1st 2018

### REGISTRATION DESK

Participants can pick up their personal Congress material at the registration desk, which will be open as follows

Wednesday, 19th September: 15.30 - 19.30 h

Thursday, 20th September: 07.15 - 18.00 h

Friday, 21st September: 07.15 - 17.30 h

Saturday, 22nd September: 07.15 - 16.00 h

The Congress Secretariat will be available to assist you during the Congress.

Please do not hesitate to contact this office for help or advice.

### ATTENDANCE

The Congress usually attracts between 1.500 and 1.800 people from all over Europe and from all over the world.



**GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22**

## GENERAL INFORMATION

### NAME BADGES

Participants and accompanying persons are obliged to wear the official Congress name badges on all Congress occasions.

### EXHIBITION

Access to the exhibition is free for registered participants. The exhibition will be open on 19 - 22 September 2018 during the congress hours.

### LUNCH AND REFRESHMENTS

Lunches are not included in the participants' registration fee.  
Coffee, tea will be available in the exhibition area during the breaks.

### CERTIFICATE OF ATTENDANCE

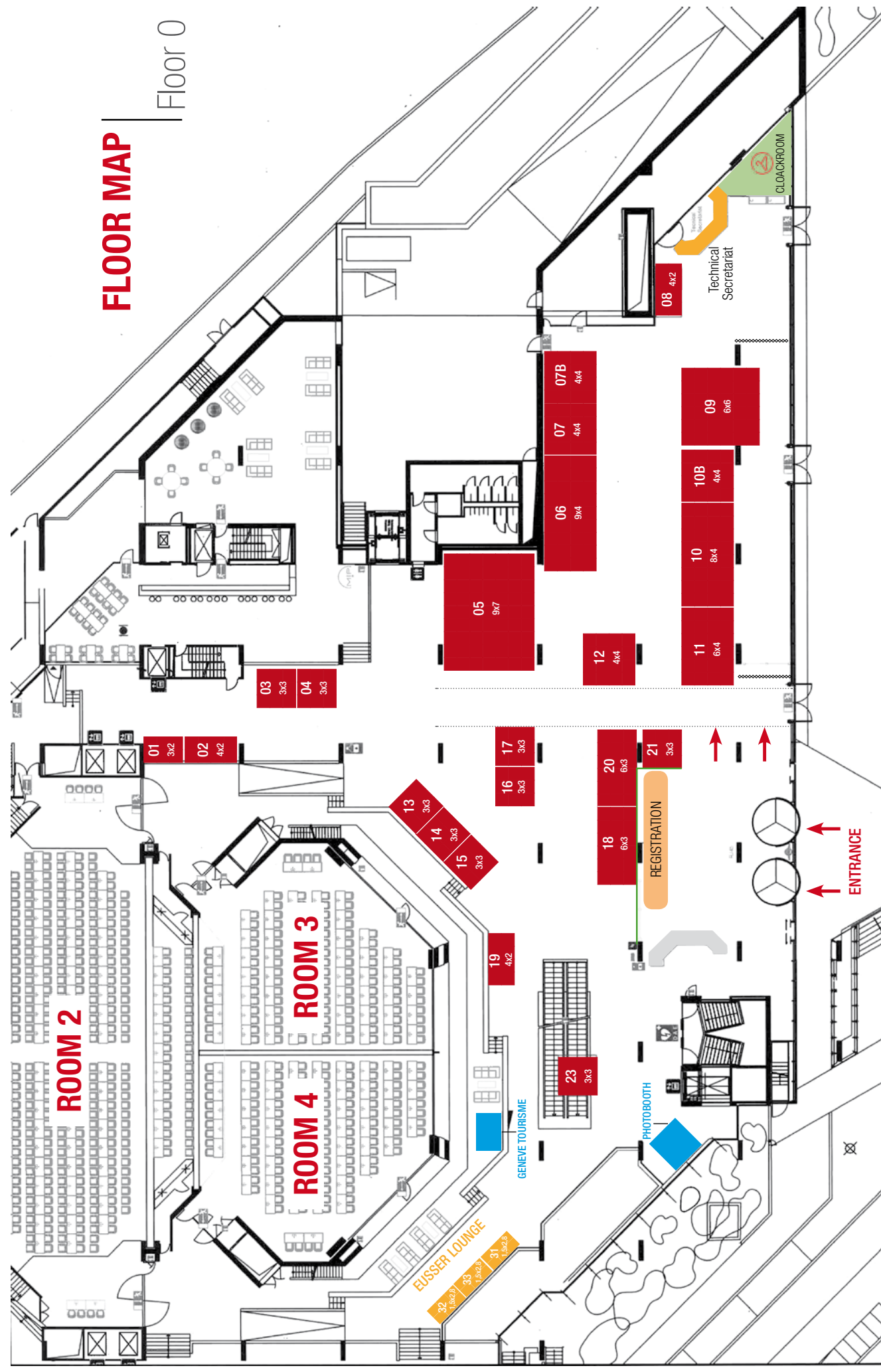
Participants will receive a certificate of attendance at the Congress.

### LIABILITY

By registering for the Congress and/or by participating in the exhibition joined to the Congress, participants and exhibitors agree that SECEC/ESSSE, the Organising Committee or the Congress Secretariat do not assume any responsibility for damage or injuries to persons or property during the Congress. Participants and exhibitors are advised to organize their own health, travel and personal insurances.

### LETTER OF INVITATION

Upon request, the Chairman of the Local Organising Committee will be pleased to send a personal letter of invitation to registered participants so as to enable participants to obtain visas for attending the Congress. These invitation letters cannot be considered as an offer of financial support by the organisers.

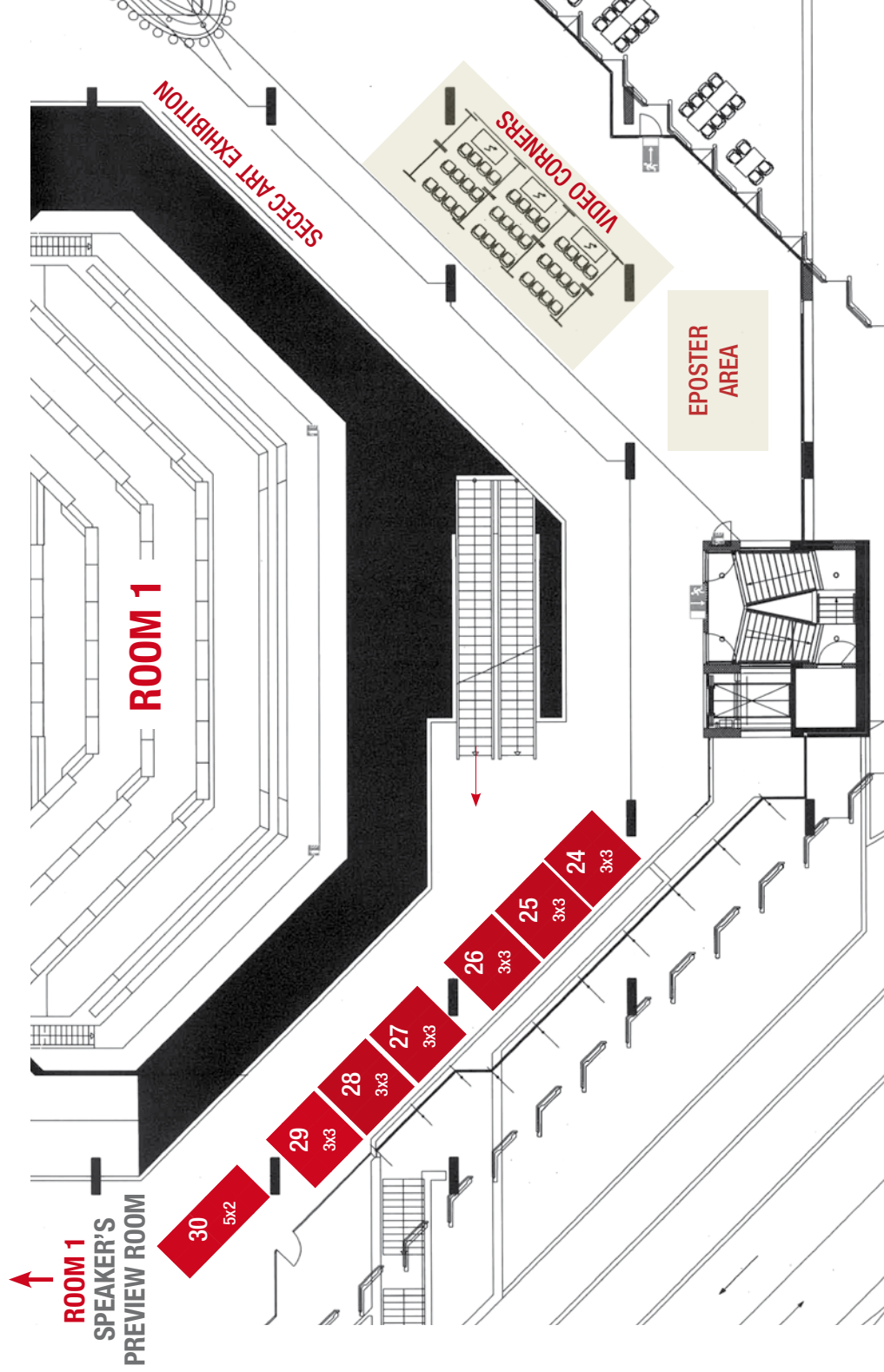


# 28 SECEC-ESSE CONGRESS

EUROPEAN SOCIETY FOR SURGERY  
OF THE SHOULDER AND THE ELBOW



GENEVA 2018 • SWITZERLAND  
SEPTEMBER 19-22



## FLOOR MAP

Floor 1

### VENUE

CICG

International Conference Center  
Rue de Varembe 17,  
1211 Genève, Switzerland  
<http://www.cicg.ch/>






# 28

# SECEC-ESSSE CONGRESS

## EUROPEAN SOCIETY FOR SURGERY OF THE SHOULDER AND THE ELBOW



### GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

 ARC Korea Co., Ltd.		 ZIMMER BIOMET		 FOCUSED EXCELLENCE
BOOTH 1	BOOTH 2	BOOTH 3-4	BOOTH 5	BOOTH 6
		 innovators you can count on		 a Johnson & Johnson company
BOOTH 7	BOOTH 7B	BOOTH 8	BOOTH 9	BOOTH 10
 ORTHOPAEDIC SOLUTIONS FOR INDUSTRY		 Surgeon focused. Patient driven.™	 Orthopaedic motion	
BOOTH 10B	BOOTH 11	BOOTH 12	BOOTH 13-14-15	BOOTH 16-17
				
BOOTH 18	BOOTH 19	BOOTH 20	BOOTH 21	BOOTH 23
 Innovative Design Orthopaedics			 ORTHOPAEDIC IMPLANTS	
BOOTH 24	BOOTH 25	BOOTH 26	BOOTH 27	BOOTH 28-29
	 DYNAMIC CARE SOLUTIONS		 www.jospt.org	
BOOTH 30	BOOTH 31	BOOTH 32	BOOTH 33	



### SCIENTIFIC GRID

#### WEDNESDAY, SEPTEMBER 19th

18.00 - 19.00 h	OPENING CEREMONY			
19.00 - 20.30 h	WELCOME RECEPTION			

#### THURSDAY, SEPTEMBER 20th

	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 18
07.30 - 08.45 h		ICL 3 Difficulties, risks and complications in shoulder arthroscopy. How to manage <i>L. Lafosse (France)</i>	ICL 2 Ask the registry <i>C. Torrens (Spain)</i>	ICL 1 Updates in total elbow arthroplasty <i>J. Kiss (Hungary)</i>	JSES SESSION 1 Shoulder <i>Pierre Mansat, Nicole Pouliart</i>
09.00 - 10.30 h	SYMPOSIUM 1 Is there still a place for anatomic shoulder arthroplasty in 2018? <i>P. Collin (France)</i>				
10.30 - 11.00 h	Coffee Break				
11.00 - 12.15 h	Scientific Session 1 ROTATOR CUFF 1	Scientific Session 2 MISCELLANEOUS 1			
12.15 - 12.45 h	SECEC 2018 GUEST LECTURE				
12.55 - 14.25 h	LUNCH WORKSHOPS (Industry sponsored)				
14.30 - 16.00h	Scientific Session 3 SHOULDER FRACTURES	Scientific Session 4 BASIC SCIENCE			
16.00 - 16.30 h	Coffee Break				
16.30 - 18.00 h	Scientific Session 5 SHOULDER INSTABILITY	Scientific Session 6 ELBOW 1			
18.00 h	Adjourn				
	Free evening				



## SCIENTIFIC GRID

FRIDAY, SEPTEMBER 21st					
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 18
07.30 - 08.45 h		ICL 4 <b>Glenoid replacement in total shoulder arthroplasty</b> <i>P. Raiss (Germany)</i>	ICL 6 <b>Current knowledge in Clinical Examination and Radiographic Assessment of Glenohumeral Instability</b> <i>M. Zumstein (Switzerland)</i>	ICL 5 <b>Traumatic conditions of the radial humeral joint</b> <i>R. Van Riet (Belgium)</i>	JSES SESSION 2 <b>Elbow</b> <i>Pierre Mansat, Samuel Antuña</i>
09.00 - 10.30 h	<b>SYMPOSIUM 2</b> <b>Healthcare economics</b> <i>E. Calvo (Spain)</i>				
10.30 - 11.00 h	Coffee Break				
11.00 - 12.00 h	<b>National Societies Best Paper Prize</b> <i>Juan Bruguera (Spain)</i>	Scientific Session 7 <b>REHABILITATION</b>			
12.00 - 12.30 h	<b>SECEC Presidential Guest Lecture</b>				
12.40 - 14.10 h	LUNCH WORKSHOPS (Industry sponsored)				
14.15 - 15.45 h	Scientific Session 8 <b>ROTATOR CUFF 2</b>	Scientific Session 9 <b>ELBOW 2</b>		<b>EUSSER SYMPOSIUM</b> Keynote Session	
15.45 - 16.15h	Coffee Break				
16.15 - 17.45 h	Scientific Session 10 <b>REVERSE SHOULDER ARTHROPLASTY 1</b>	Scientific Session 11 <b>MISCELLANEOUS 2</b>		<b>EUSSER SYMPOSIUM</b> SCIENTIFIC PAPERS SESSION	
17.45 - 19.15 h	<b>SECEC GENERAL ASSEMBLY</b>			<b>EUSSER SYMPOSIUM</b> Keynote Speaker	
20.30 h					



## SCIENTIFIC GRID

SATURDAY, SEPTEMBER 22nd					
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 18
07.30 - 08.45 h		ICL 7 From the Grammont prosthesis to the modern reverse total shoulder arthroplasty design: Effects on clinical and radiographic outcomes <i>G. Merolla (Italy)</i>	ICL 9 Navigation, Robotics and Virtual Reality in Shoulder Surgery: the present and the future <i>C. Verborgt (Belgium)</i>	ICL 8 Chronic elbow dislocations: What can be done? <i>V. Stevanovic (Serbia)</i>	
09.00 - 10.30 h	Scientific Session 12 ANATOMIC SHOULDER ARTHROPLASTY	YOUNG FORUM SESSION		<b>EUSSE SYMPOSIUM</b> Keynote Session <b>EUSSE SYMPOSIUM</b> Scientific Papers Session	
10.30 - 11.00 h	Coffee Break				
11.00 - 11.50 h	AWARD SESSION <i>Emilio Calvo (Spain)</i>			<b>EUSSE SYMPOSIUM</b> Keynote Session <b>EUSSE SYMPOSIUM</b> Keynote Session	
12.00 - 12.50 h	INVITED SOCIETIES SESSION				
12.50 - 13.40 h	Lunch Break at the Exhibition Area				
13.40 - 15.15 h	Scientific Session 13 REVERSE SHOULDER ARTHROPLASTY 2			<b>EUSSE SYMPOSIUM</b> AGM (14.00-15.00h)	
15.15 - 16.15 h	Scientific Session 14 NEW TECHNIQUES, TIPS & TRICKS			<b>EUSSE SYMPOSIUM</b> WORKSHOPS (Check the rooms) (15.00-16.00h)	
16.15 h	Closing Remarks			Coffee Break	
16.30 - 17.30 h				<b>EUSSE SYMPOSIUM</b> WORKSHOPS (Check the rooms) (16.30-17.30h)	





GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### VIDEO CORNERS

VIDEO CORNER 1

#### SHOULDER ANTERIOR AND POSTERIOR INSTABILITY

Philipp Moroder	Germany	Functional Shoulder Instability
Lionel Neyton	France	Trillat procedure for the treatment of recurrent anterior instability of the shoulder after 50 years old
Pascal Boileau	France	Arthroscopic Latarjet Procedure Using Cortical-Buttons Fixation
Alexander Van Tongel	Belgium	Posterior Shoulder Dislocation. Reduction Techniques

VIDEO CORNER 2

#### SHOULDER CUFF, FRACTURE, PROSTHESIS

Ruth A. Delaney	Ireland	SCR Using Xenograft For Irreparable Posterosuperior Cuff Tear
Nina Maziak	Germany	Arthroscopic Reduction And Fixation Of Large Anteroinferior Glenoid Rim Fractures
Ruth A. Delaney	Ireland	Posterior Labral Repair Plus Arthroscopic Reduction And Fixation Of Anterior Glenoid Fracture
Falk Reuther	Germany	Modular Anatomical Fracture Hemi-Prosthesis
Max J. Kääh	Germany	Conversion Fracture-Hemi To Reverse Shoulder Arthroplasty
Robert Hudek	Germany	Pyrocarbon Interposition Shoulder Arthroplasty In Advanced Collapse Of The Humeral Head
Laurent B. Willemot	Belgium	Total Shoulder Arthroplasty In B2 Type Glenoids

VIDEO CORNER 3

#### ELBOW

Michael C. Glanzmann	Switzerland	Anconeus Interposition Arthroplasty
Laurent B. Willemot	Belgium	Arthroscopic Evaluation And Treatment Of Acute Elbow Instability
Laurent B. Willemot	Belgium	Arthroscopic Evaluation And Treatment Of Chronic Elbow Instability
Davide Blonna	Italy	The Elbow- Latarjet
Alessandro Marinelli	Italy	Capitellar And Trochlear Fracture_Fixation Technique

# SCIENTIFIC PROGRAM



GENEVA 2018 · SWITZERLAND · SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

THURSDAY, SEPTEMBER 20<sup>th</sup>

### INSTRUCTIONAL COURSE LECTURE 1

#### UPDATES IN TOTAL ELBOW ARTHROPLASTY

Chair: *Jeno Kiss*

ROOM 4 · 07:30 - 08:45

##### Design rationale and surgical approaches

*Alberto Schneeberger, Switzerland*

##### Rheumatoid arthritis and total elbow arthroplasty

*Michael Thomas, UK*

##### Post-trauma and trauma conditions and total elbow arthroplasty

*Jeno Kiss, Hungary*

##### Revision total elbow arthroplasty and bone grafting

*Pierre Mansat, France*

##### Complications and results related to design and indication

*Bo Sanderhoff Olsen, Denmark*

### INSTRUCTIONAL COURSE LECTURE 2

#### ASK THE REGISTRY

Chair: *Carlos Torrens*

ROOM 3 · 07:30 - 08:45

##### The European Registries, the type of information they collect

*Lijkele Beimers, The Netherlands*

##### Shoulder Arthroplasty Anatomical design will survive in Europe, but with changes

*Björn Salomonsson, Sweden*

##### The evidence in Registry data to support the changes in use of shoulder arthroplasty

*Jeppé Vejlggaard Rasmussen, Denmark*

##### Patient age and the effect on outcome with different implants

*Jonathan Rees, UK*

##### Neck/shaft angle in RSA, differences in complication and revision rate

*Birgit Werner, Germany*

##### Interactive session to decide shortlist of specific questions for future registry ICL 2018 and 2019

*Luc Favard, France & Carlos Torrens, Spain*

### INSTRUCTIONAL COURSE LECTURE 3

#### DIFFICULTIES, RISKS AND COMPLICATIONS IN SHOULDER ARTHROSCOPY. HOW TO MANAGE

Chair: *Laurent Lafosse*

ROOM 2 · 07:30 - 08:45

##### Arthroscopic visualization: how to avoid risk and complications

*Jens Agneskirchner, Germany*

##### Difficulties, risk and complications in arthroscopic treatment for shoulder instability

*Emilio Calvo, Spain*

##### Difficulties, risk and complications in arthroscopic tendon transfer

*Viktoras Jermolajevs, Lithuania*

##### Difficulties, risk and complications in traumatic shoulder arthroscopic treatment

*Markus Scheibel, Germany*

##### Neurologic, risk and complications in arthroscopic shoulder surgery

*Philippe Valenti, France*

##### Vascular, risk and complications in arthroscopic shoulder surgery

*Laurent Lafosse, France*

### JSES SESSION 1

#### SHOULDER

Chairs: *Pierre Mansat, Nicole Pouliart*

ROOM 18 · 07:30 - 08:45

##### Standard versus bony increased-offset reverse shoulder arthroplasty: a retrospective comparative cohort study

*Collin P, Liu X, Denard PJ, Gain S, Nowak A, Lädermann A.*

*J. Shoulder Elbow Surg. 2018 Jan;27(1):59-64. doi: 10.1016/j.jse.2017.07.020. Epub 2017 Sep 29.*

##### Angled BIO-RSA (bony-increased offset-reverse shoulder arthroplasty): a solution for the management of glenoid bone loss and erosion.

*Boileau P, Morin-Salvo N, Gauci MO, Seeto BL, Chalmers PN, Holzer N, Walch G.*

*J. Shoulder Elbow Surg. 2017 Dec;26(12):2133-2142. doi: 10.1016/j.jse.2017.05.024. Epub 2017 Jul 20.*

##### Does arm lengthening affect the functional outcome in onlay reverse shoulder arthroplasty?

*Werner BS, Ascione F, Bugelli G, Walch G.*

*J. Shoulder Elbow Surg. 2017 Dec;26(12):2152-2157. doi: 10.1016/j.jse.2017.05.021. Epub 2017 Jul 20.*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

THURSDAY, SEPTEMBER 20<sup>th</sup>

### SYMPOSIUM I

#### IS THERE STILL A PLACE FOR ANATOMIC SHOULDER ARTHROPLASTY IN 2018?

Chair: Philippe Collin

ROOM 1 • 09:00 - 10:30

**Retroversion / Subluxation which are the land marks to switch from anatomic to reverse ?**

*Birgit Werner, Germany*

**Muscles and tendons quality are requested for anatomic arthroplasty. Over 75 years old should we always go for a reverse?**

*Tjarco Alta, The Netherlands*

**Which prosthesis in case of rheumatoid arthritis**

*Ian Trial, UK*

**Arthritis after instability with subscapularis disorder**

*Matthias Zumstein, Switzerland*

**Which is the best compromise for young patients (hemi/total/peg/keel/metal back/ pyrocarbone ?)**

*Giuseppe Porcellini, Italy*

**Is fracture sequelae an indication for anatomic?**

*Joaquín Sánchez Sotelo, USA*

<sup>3.</sup> *Division of Orthopaedics and Trauma Surgery, La Tour Hospital, Meyrin, Switzerland, Geneva, Switzerland*

<sup>4.</sup> *Faculty of Medicine, University of Geneva, Geneva, Switzerland*

<sup>5.</sup> *Division of physical medicine and rehabilitation, CHUV, Lausanne, Switzerland*

<sup>6.</sup> *Division of Orthopaedics and Trauma Surgery, La Tour Hospital, Meyrin, Switzerland ; Faculty of Medicine, University of Geneva, Geneva <sup>4</sup>, Switzerland ; Division of Orthopaedics and Trauma Surgery, Department of Surgery, Geneva University Hospitals, Geneva, Switzerland*

11:08 - 11:16

**Pre-operative microfracture in arthroscopic cuff repair: a prospective randomized controlled trial**

*Peter Lapner<sup>1</sup>, Odette Laneuville<sup>2</sup>, Hans K Uhthoff<sup>2</sup>, Tinghua Zhang<sup>1</sup>, Lisa Howard<sup>1</sup>, J Pollock<sup>1</sup>, Sara Ruggiero<sup>1</sup>, Guy Trudel<sup>1</sup>*

<sup>1.</sup> *Ottawa Hospital Research Institute, Ottawa, Canada*

<sup>2.</sup> *University of Ottawa, Ottawa, Canada*

11:16 - 11:24

**Perianchor cyst formation of various material compositions after rotator cuff repair - All-suture, PEEK, and biocomposite anchors**

*Tae Hun Kim<sup>1</sup>, Sae Hoon Kim<sup>2</sup>, Seok Hoon Yang<sup>1</sup>, Sung-Min Rhee<sup>1</sup>, Kwang Jin Lee<sup>1</sup>, Joo Han Oh<sup>1</sup>, Hyong Suk Kim<sup>2</sup>*

<sup>1.</sup> *Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seoul, South Korea*

<sup>2.</sup> *Seoul National University Hospital, Seoul National University College of Medicine, Seoul, South Korea*

<sup>3.</sup> *Seoul National University Bundang hospital, Sung Nam City, South Korea*

11:24 - 11:32

**Early mobilization following arthroscopic rotator cuff repair: a single-blind, randomized control trial**

*Martin Bouliane, Anelise Silveira, Fiona Styles-Tripp, Lauren Beaupre, Robert Balyk, Aleem Lalani, Robert Glasgow, Joseph Bergman, David Sheps*

*Alberta Health Services, Edmonton, Canada*

11:32 - 11:40

**Comparison of clinical outcome between patients with complete (Sugaya Type I) and incomplete healed tendon (Types II / III) after rotator cuff repair**

*Hirokazu Honda<sup>1</sup>, Masafumi Gotoh<sup>1</sup>, Yasuhiro Mitsui<sup>1</sup>, Naoto Shiba<sup>2</sup>*

<sup>1.</sup> *Kurume Medical Center, Kurume, Japan*

<sup>2.</sup> *Kurume University, Kurume, Japan*

### SCIENTIFIC SESSION I

#### ROTATOR CUFF I

Chairs: Przemislaw Lubiatowski, Alain Farron

ROOM 1 • 11:00 - 12:15

11:00 - 11:08

**Clinical and radiological effects of Platelet-Rich Plasma on interstitial supraspinatus lesion: A randomized, double-blind, controlled trial**

*Adrien Jean-Pierre Schwitzguebel<sup>1</sup>, Frank Christophe Kolo<sup>2</sup>, Jerome Tirefort<sup>3</sup>, Abed Kourhani<sup>4</sup>, Alexandra Nowak<sup>3</sup>, Vincent Gremeaux<sup>5</sup>, Alexandre Laedermann<sup>6</sup>*

<sup>1.</sup> *Division of Orthopaedics and Trauma Surgery, La Tour Hospital, Meyrin, Switzerland; Division of physical medicine and rehabilitation, CHUV, Lausanne, Le Mont-Sur-Lausanne, Switzerland*

<sup>2.</sup> *Department of Radiology, Geneva University Hospitals, Geneva, Switzerland, Geneva, Switzerland*

## SCIENTIFIC PROGRAM

THURSDAY, SEPTEMBER 20<sup>th</sup>

11:40 - 11:48

**Long term outcomes of arthroscopic rotator cuff repair: functional and radiological results at 10-years follow-up**

Davide Cucchi<sup>1</sup>, Alessandra Menor<sup>2</sup>, Francesca Maria Feroldi<sup>3</sup>, Manuel Mazzoleni<sup>3</sup>, Gianvito Santarsiero<sup>3</sup>, Carlo Alberto Stoppani<sup>4</sup>, Paolo Angelo Arrigon<sup>2</sup>, Elisabetta Nocerino<sup>5</sup>, Alberto Aliprandi<sup>6</sup>, Dieter Christian Wirtz<sup>1</sup>, Pietro Simone Randelli<sup>2</sup>

<sup>1</sup>. Department of Orthopaedics and Trauma Surgery, Universitätsklinikum Bonn, Bonn, Germany

<sup>2</sup>. Laboratory of Applied Biomechanics, Department of Biomedical Sciences for Health, Università degli Studi di Milano, Milano, Italy

<sup>3</sup>. Università degli Studi di Milano, Milano, Italy

<sup>4</sup>. U.O.C. 1<sup>a</sup> Divisione, Azienda Socio Sanitaria Territoriale Centro Specialistico Ortopedico Traumatologico Gaetano Pini-CTO, Milano, Italy

<sup>5</sup>. IRCCS Policlinico San Donato, San Donato, Italy

<sup>6</sup>. Istituti Clinici Zucchi, Monza, Italy

11:48 - 11:56

**The effect of acromial morphology on functional outcomes in the surgery of degenerative rotator cuff tears**

Yener Yogun<sup>1</sup>, Mehmet Armangil<sup>2</sup>, Çağdas Hakki Basat<sup>3</sup>

<sup>1</sup>. Department of Orthopaedic Surgery and Traumatology, Ankara University School of Medicine, Ankara, Turkey

<sup>2</sup>. Department of Orthopaedic Hand Surgery, Ankara University School of Medicine, Ankara, Turkey

<sup>3</sup>. Department of Orthopaedic and Traumatology, Ahi Evran University School of Medicine, Kirsehir, Turkey

11:56 - 12:04

**Options for non-repairable rotator cuff ruptures: Comparison of superior capsular reconstruction and partial infraspinatus repair**

Stefan Greiner<sup>1</sup>, Johannes Talartschik<sup>1</sup>, Pia Ahlers<sup>1</sup>, Pia Staudacher<sup>1</sup>, Max Kääh<sup>2</sup>

<sup>1</sup>. Sporthopaedicum Regensburg, Regensburg, Germany

<sup>2</sup>. Sporthopaedicum Straubing, Straubing, Germany

12:04 - 12:12

**Long-term outcome of pectoralis major transfer for the treatment of irreparable sub-scapularis tears: An update 20 years postoperatively**

Lukas Ernstbrunner, Karl Wieser, Paolo Fornaciari, David Bauer, Sabrina Catanzaro, Christian Gerber

Balgrist University Hospital, Zurich, Switzerland

## SCIENTIFIC SESSION II

## MISCELLANEOUS I

Chairs: Jörn Kircher, Richard Nyffeler

ROOM 2 • 11:00 - 12:15

11:00 - 11:08

**Results of cement spacer sonication in the second stage of two-stage treatment of shoulder arthroplasty infection.**

Carlos Torrens<sup>1</sup>, Joan Miquel Noguera<sup>2</sup>, Albert Alier<sup>1</sup>, Lluís Puig<sup>1</sup>, Fernando Santana<sup>1</sup>

<sup>1</sup>. Hospital del Mar, Barcelona, Spain

<sup>2</sup>. Hospital Igualada, Igualada, Spain

11:08 - 11:16

**Treatment of acute shoulder infection: Can osseous lesion be a rudder in guideline for determining the method of debridement?**

Yong Gil Rhee<sup>1</sup>, Nam Su Cho<sup>1</sup>, Dong Ki Lee<sup>1</sup>, Ho Yeon Jeong<sup>1</sup>, Kyung Han Ro<sup>1</sup>, Myung Seo Kim<sup>1</sup>, Jong Dae Kim<sup>1</sup>, Jung Youn Kim<sup>2</sup>, Yoon Sang Jeon<sup>3</sup>

<sup>1</sup>. Department of Orthopaedic Surgery, Shoulder & Elbow Clinic, College of Medicine, Kyung Hee University, Seoul, South Korea

<sup>2</sup>. Department of Orthopaedic Surgery, Hangeang Sacred Heart Hospital, Hallym University College of Medicine, Seoul, South Korea

<sup>3</sup>. Department of Orthopaedic Surgery, Inha University Hospital, Incheon, South Korea

11:16 - 11:24

**Clinical predictors of poor outcomes of hydrodilatation in idiopathic frozen shoulder**

Emma Torrance<sup>1</sup>, Linda Hallam<sup>1</sup>, Michael J Walton<sup>2</sup>, Puneet Monga<sup>2</sup>, Adam C Watts<sup>2</sup>, Lennard Funk<sup>2</sup>

<sup>1</sup>. The Arm Clinic, Manchester, United Kingdom

<sup>2</sup>. Wrightington Hospital, Wigan, United Kingdom

11:24 - 11:32

**Association between Propionibacterium Acnes and previous surgery**

Nicholas D Furness, Simon J Booker, Sian Gallagher, William J Thomas, Cressida Auckland, Jeffrey B Kitson, Christopher D Smith

Royal Devon & Exeter Hospital NHS Foundation Trust, Exeter, United Kingdom

11:32 - 11:40

**Non-union of displaced midshaft fractures of the clavicle: A predictor model using Pain Scores**

Andreas Haubjerg Qvist<sup>1</sup>, Michael Toft Væsel<sup>2</sup>, Carsten Moss Jensen<sup>3</sup>, Thomas Jakobsen<sup>1</sup>, Steen Lund Jensen<sup>1</sup>

<sup>1</sup>. Aalborg University Hospital, Aalborg, Denmark

<sup>2</sup>. Viborg Regional Hospital, Viborg, Denmark

<sup>3</sup>. Randers Regional Hospital, Randers, Denmark



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### THURSDAY, SEPTEMBER 20<sup>th</sup>

11:40 - 11:48

#### Diagnosing chronic periprosthetic infection of the shoulder with 18F-FDG PET CT

*Thomas Falstie-Jensen<sup>1</sup>, Jeppe Lange<sup>2</sup>, Janne Ovesen<sup>1</sup>, Bo Sanderhoff Olsen<sup>3</sup>, Anne Kathrine Belling Sørensen<sup>3</sup>, Bo Zerahn<sup>3</sup>, Kjeld Søballe<sup>1</sup>, Lars Christian Gormsen<sup>1</sup>*

<sup>1</sup>. Aarhus University Hospital, Aarhus, Denmark

<sup>2</sup>. Horsens Hospital, Aarhus, Denmark

<sup>3</sup>. Herlev Hospital, Aarhus, Denmark

11:48 - 11:56

#### Are functional outcomes after surgical treatment of acromioclavicular dislocation related to restoration of a normal articular anatomy?

*Guillaume Villatte, Hicham Riouach, Roger Erivan, Stéphane Descamps, Stéphane Boisgard*

Clermont-Ferrand University Hospital (CHU), Clermont-Ferrand, France

11:56 - 12:04

#### Appropriate care in orthopedic patients: Effectivity of a new guideline for diagnosis and treatment of Subacromial Pain Syndrome

*Egbert Jd Veen, Martin Stevens, Ron L Diercks*

University Medical Center Groningen, Groningen, The Netherlands

12:04 - 12:12

#### Primary stability of an acromioclavicular joint repair is affected by the type of additional reconstruction of the acromioclavicular capsule

*Felix Dyrna<sup>1</sup>, Florian B Imhoff<sup>1</sup>, Andreas B Imhoff<sup>1</sup>, Sepp Braun<sup>2</sup>, Augustus D Mazzocca<sup>3</sup>, Knut Beitzel<sup>1</sup>*

<sup>1</sup>. Department of Orthopaedic Sportsmedicine, Technical University, Munich, Germany

<sup>2</sup>. Gelenkpunkt, Sport- und Gelenchirurgie Innsbruck, Innsbruck, Austria, Innsbruck, Austria

<sup>3</sup>. Department of Orthopaedic Surgery, University of Connecticut, Farmington, Connecticut, United States

### SECEC 2018 GUEST LECTURE

#### RESEARCHGATE - A CRAZY IDEA BECOMES A DISRUPTIVE TECHNOLOGY

*Ijad Madisch, CEO at Researchgate, Berlin, Germany*

ROOM 1 · 12:15 - 12:45

### SCIENTIFIC SESSION III

#### SHOULDER FRACTURES

*Chairs: Mehmet Demirhan, Bernhard Jost*

ROOM 1 · 14:30 - 16:00

14:30 - 14:38

#### Socioeconomical status influence in proximal humeral fractures outcomes. A multicentric study

*Joan Miquel<sup>1</sup>, Elisa Cassar<sup>2</sup>, Fernando Santana<sup>3</sup>, Carlos Torrens<sup>3</sup>*

<sup>1</sup>. Consorci Sanitari de l'Anoia., Igualada, Spain

<sup>2</sup>. Hospital Germans Trias i Pujol, Badalona, Spain

<sup>3</sup>. Parc de Salut Mar, Barcelona, Spain

14:38 - 14:46

#### Immediate intensive mobilization compared with immediate conventional mobilization for the impacted osteoporotic conservatively treated proximal humeral fracture. A randomized controlled trial

*Stefano Carbone<sup>1</sup>, Cristina Razzano<sup>2</sup>, Paolo Albino<sup>3</sup>, Riccardo Mezzoprete<sup>1</sup>*

<sup>1</sup>. Ospedale San Camillo de Lellis, Rieti, Italy

<sup>2</sup>. Centro Medico Erre, Sant'Agata Dei Goti, Benevento, Italy

<sup>3</sup>. Casa di Cura Città di Aprilia, Aprilia (It), Italy

14:46 - 14:54

#### Novel radiographic parameters for proximal humerus arthroplasty for fractures do not affect clinical outcome

*Ken Lee Pua<sup>1</sup>, Isaac Ker Wei Ng, Justine Yun Yu Lee, Denny Tijauw Tjoen Lie*

Department of Orthopaedic Surgery, Singapore General Hospital, Singapore

14:54 - 15:02

#### Proximal humeral fracture locking plate fixation in patients over 70 with a short cemented screws configuration is reliable and safe.

*Natalia Martinez Catalán, María Valencia, Diana Morcillo, Emilio Calvo, Antonio M Foruria*

Fundación Jimenez Díaz, Madrid, Spain

15:02 - 15:10

#### Displaced 3- and 4- part proximal humeral fractures: A prospective randomized study comparing intramedullary nail and locking plate.

*Patrick Boyer, Ruben Dukan, Ledinot Pauline, Marc-Antoine Rousseau*  
APHP, Paris, France



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### THURSDAY, SEPTEMBER 20<sup>th</sup>

15:10 - 15:18

**Risk of revision and clinical failure after hemiarthroplasty for acute proximal humeral fracture: Short-term outcome in 2,750 hemiarthroplasties**

*Alexander Amundsen<sup>1</sup>, Jeppe Vejlgard Rasmussen<sup>1</sup>, Bo Sanderhoff Olsen<sup>1</sup>, Stig Brorson<sup>2</sup>*

<sup>1</sup>. Gentofte Hospital, Gentofte, Denmark

<sup>2</sup>. Zealand University Hospital, Køge, Denmark

15:18 - 15:26

**Do additional radiographs in isolated greater tuberosity fractures lead to a change in treatment recommendation?**

*Marieke Van Wier<sup>1</sup>, Noortje C. Hagemeyer<sup>2</sup>, Femke M.a.p. Claessen<sup>3</sup>, Ihsan Amajjar<sup>1</sup>, Michel P.j. Van Den Bekerom<sup>1</sup>, Derek F.p. Van Deurzen<sup>1</sup>*

<sup>1</sup>. OLVG, Amsterdam, The Netherlands

<sup>2</sup>. Massachusetts General Hospital, Boston, United States

<sup>3</sup>. Academic Medical Center of the University of Amsterdam, Amsterdam, The Netherlands

15:26 - 15:34

**Functional outcomes and clinical strength assessment after infraspinatus sparing surgical approach to scapular fracture. Does it really make a difference?**

*Giuseppe Porcellini<sup>1</sup>, Paolo Paladini<sup>1</sup>, Giovanni Merolla<sup>1</sup>, Antonio Capone<sup>2</sup>, Stefano Congia<sup>2</sup>*

<sup>1</sup>. Unit of Shoulder and Elbow Surgery - Cervesi Hospital, Cattolica, Italy

<sup>2</sup>. Clinica Ortopedica - Università di Cagliari, Cattolica, Italy

15:34 - 15:42

**Epidemiology, treatment and associated lesions in hospital-admitted patients with proximal humeral fractures from 2000-2015**

*Daniela Linhares, Mariana Cunha Ferreira, Nuno Neves, Manuel Gutierrez, Pedro Negrão, Manuel Ribeiro Da Silva*  
Centro Hospitalar São João, Porto, Portugal

15:42 - 15:50

**Is serial radiographic evaluation of patients with a 1-part proximal humerus fracture necessary at routine follow-up time points?**

*Matthijs Jacxsens, Jeremias Schmid, Bernhard Jost, Christian Spross*  
Kantonsspital St. Gallen, St. Gallen, Switzerland

15:50 - 15:58

**Osteosynthesis with autologous dual bone graft for symptomatic clavicle mid-shaft nonunion**

*Sungjoon Lim, Jae-Myeung Chun, In-Ho Jeon*

Department of Orthopedic Surgery, Asan Medical Center, University of Ulsan, Seoul, South Korea

### SCIENTIFIC SESSION IV

#### BASIC SCIENCE

*Chairs: Nicole Pouliart, Christian Gerber*

ROOM 2 • 14:30 - 16:00

14:30 - 14:38

**Enhancement of chronic rotator cuff tear healing using three-dimensional bio-printed patch with mesenchymal stem cells in a rat model**

*Yucheng Sun<sup>1</sup>, Suhun Chae<sup>2</sup>, Jeaman Kawk<sup>1</sup>, Inho Jeon<sup>1</sup>, Dongwoo Cho<sup>3</sup>*

<sup>1</sup>. Asan Medical Center, Seoul, South Korea

<sup>2</sup>. Pohang University of Science and Technology, Pohang, South Korea

<sup>3</sup>. Pohang university of science and technology, Pohang, South Korea

14:38 - 14:46

**Challenging the current concept of critical glenoid bone loss in shoulder instability: does the size measurement really tell it all?**

*Philipp Moroder<sup>1</sup>, Mohammad Khatamirad<sup>1</sup>, Elisabeth Böhm<sup>1</sup>, Philipp Damm<sup>1</sup>, Guido Wierer<sup>2</sup>, Marvin Minkus<sup>1</sup>, Fabian Plachel<sup>1</sup>, Markus Scheibel<sup>1</sup>*

<sup>1</sup>. Charité Universitaetsmedizin, Berlin, Germany

<sup>2</sup>. PMU, Salzburg, Austria

14:46 - 14:54

**Deep learning for automatic segmentation and quantitative analysis of rotator cuff muscles in shoulder CT**

*Elham Taghizadeh<sup>1</sup>, Fabio Becce<sup>2</sup>, Sylvain Eminian<sup>2</sup>, Valérie Malfroy Camine<sup>3</sup>, Alexandre Terrier<sup>4</sup>, Alain Farron<sup>5</sup>, Philippe Büchler<sup>1</sup>*

<sup>1</sup>. University of Bern, Institute for Surgical Technology and Biomechanics, Bern, Switzerland

<sup>2</sup>. CHUV, Service de Radiodiagnostic et Radiologie Interventionnelle, Lausanne, Switzerland

<sup>3</sup>. Genohm, EPFL Innovation Park, Lausanne, Switzerland

<sup>4</sup>. EPFL, Laboratory of Biomechanical Orthopedics, Lausanne, Switzerland

<sup>5</sup>. CHUV, Service d'Orthopédie et de Traumatologie, Lausanne, Switzerland

14:54 - 15:02

**Automated 3D MRI allows for accurate evaluation of glenoid bone loss as compared to 3D CT**

*Drew Lansdown, Gregory L. Cvetanovich, Nikhil N Verma, Brian Cole, Bernard Bach, Gregory Nicholson, Anthony A Romeo, Robert Dawe, Adam Yanke*

Rush University Medical Center, Chicago, United States



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### THURSDAY, SEPTEMBER 20<sup>th</sup>

15:02 - 15:10

**Tensioning of the superior capsule reconstruction graft improves shoulder function biomechanically**

*Felix Dyrna<sup>1</sup>, Knut Beitzel<sup>1</sup>, Andreas B Imhoff<sup>1</sup>, Bastian Scheiderer<sup>1</sup>, Augustus D Mazzocca<sup>2</sup>*

<sup>1</sup>. Department of Sports Orthopedics, Technical University Munich, Munich, Germany, München, Germany

<sup>2</sup>. Department of Orthopaedic Surgery, University of Connecticut, Farmington, Connecticut, USA, Farmington, United States

15:10 - 15:18

**Regional and observer differences in determination of the humeral anatomic neck in 3D-CT models**

*Duno Molinar<sup>1</sup>, Florian Coigny<sup>1</sup>, Lukas Zwicky<sup>1</sup>, Ariane Gerber Popp<sup>1</sup>, Heath Byron Henninger<sup>2</sup>, Thomas Suter<sup>1</sup>*

<sup>1</sup>. Kantonsspital Baselland, Liestal, Switzerland

<sup>2</sup>. Department of Orthopaedics, Orthopaedic Research Laboratory, University of Utah, Salt Lake City, United States

15:18 - 15:26

**Biomechanical comparison of screw fixation versus a cortical button and self-tensioning suture for the Latarjet procedure**

*Matthew T. Provencher, Zachary S. Aman, Christopher M. Laprade, Andrew S. Bernhardtson, Gilbert Moatshe, Hunter W. Storaci, Jorge Chahla, Travis L. Turnbull, Robert F. Laprade*

Steadman Philippon Research Institute, Vail, United States

15:26 - 15:34

**The influence of mesenchymal stem cells on tendon-to-bone-healing by attaching bursal tissue to rotator cuff tears in an animal model**

*Anja Z. Zhang, Andreas Ficklscherer, Thomas Beer, Mehmet Gülecüyü, Matthias Pietschmann, Volkmar Jansson, Peter E. Müller*

Department of Orthopaedics, Physical Medicine and Rehabilitation, LMU Munich, Munich, Germany

15:34 - 15:42

**Which cell populations are involved in rotator cuff enthesis healing and scar tissue formation? Genetic lineage tracing of targeted cell populations**

*Helen L Moser<sup>1</sup>, Anton Ph Doe<sup>1</sup>, Kristen M Sochol<sup>1</sup>, Matthias A Zumstein<sup>2</sup>, Leesa M Galatz<sup>1</sup>, Alice H Huang<sup>1</sup>*

<sup>1</sup>. Department of Orthopaedics, Icahn School of Medicine at Mount Sinai, New York, United States

<sup>2</sup>. Shoulder, Elbow and Orthopaedic Sports Medicine, University of Bern, Inselspital, Bern, Switzerland

15:42 - 15:50

**Relationships of scapular coordinate systems to determine glenoid centre: Application to glenoid fixation in shoulder arthroplasty**

*Ashish Gupta, Nikolas K Knowles, George S Athwal, Louis M Ferreira Roth/McFarlane Hand and Upper Limb Centre, London, Canada*

15:50 - 15:58

**Biomechanical comparison of two augmented glenoid designs: A finite element analysis**

*Vani J Sabesan<sup>1</sup>, James D Whaley<sup>2</sup>, Varun Pathak<sup>2</sup>, Liying Zhang<sup>2</sup>, Diego L Lima<sup>1</sup>*

<sup>1</sup>. Cleveland Clinic Florida, Weston, FL, United States

<sup>2</sup>. Wayne State University, Detroit, MI, United States

### SCIENTIFIC SESSION V

#### SHOULDER INSTABILITY

Chairs: Markus Scheibel, Claudio Rosso

ROOM 1 · 16:30 - 18:00

16:30 - 16:38

**Arthroscopic Latarjet: Suture-button fixation is a safe and reliable alternative to screw fixation**

*Pascal Boileau<sup>1</sup>, David Saliken<sup>2</sup>, Patrick Gendre<sup>3</sup>, Brian L. Seeto<sup>4</sup>, Thomas D'Ollonne<sup>3</sup>, Jean-François Gonzalez<sup>1</sup>*

<sup>1</sup> Hôpital Pasteur 2 - IULS, Nice, France

<sup>2</sup> University of Alberta, Edmonton, Canada

<sup>3</sup> IM2S, Monaco, Monaco

<sup>4</sup> The Core Institute, Phoenix, United States

16:38 - 16:46

**Shall we predict failure of posterior shoulder instability stabilization?**

*Geoffroy Nourissat<sup>1</sup>, Marie Béatrice Hardy<sup>2</sup>, Jérôme Garret<sup>3</sup>, Pierre Mansat<sup>4</sup>, Arnaud Godeneche<sup>5</sup>, SFA French Society Of Arthroscopy<sup>6</sup>*

<sup>1</sup>. Groupe Maussins, Paris, France

<sup>2</sup>. Hopital mutualiste, Saint Etienne, France

<sup>3</sup>. Clinique du Parc, Lyon, France

<sup>4</sup>. CHU, Toulouse, France

<sup>5</sup>. Santy, Lyon, France

<sup>6</sup>. SFA, Paris, France





GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### THURSDAY, SEPTEMBER 20<sup>th</sup>

16:46 - 16:54

**Arthroscopic Latarjet: Graft positioning is not equivalent with standard open technique. A 2DCT scan comparative study.**

*Neyton Lionel<sup>1</sup>, Johannes Barth<sup>2</sup>, Geoffroy Nourissat<sup>3</sup>, Pascal Boileau<sup>4</sup>, Gilles Walch<sup>1</sup>, Laurent Lafosse<sup>5</sup>*

<sup>1</sup>. Centre Orthopédique Santy, Lyon, France

<sup>2</sup>. Centre Osteoarticulaire des Cèdres, Echirrolles, France

<sup>3</sup>. Clinique Maussins-Nollet, Paris, France

<sup>4</sup>. CHU de Nice, Nice, France

<sup>5</sup>. Clinique Générale Annecy, Annecy, France

16:54 - 17:02

**Is Bankart repair still valid? Long-term results of the French experience**

*Geoffroy Nourissat<sup>1</sup>, Alexandre Hardy<sup>2</sup>, Hervé Thomazeau<sup>3</sup>, Tristan Langlais<sup>3</sup>, Olivier Herisson<sup>4</sup>, Jordane Mouton<sup>5</sup>, Jonathan Curado<sup>6</sup>, Olivier Courage<sup>7</sup>*

<sup>1</sup>. Groupe Maussins, Paris, France

<sup>2</sup>. APHP, Paris, France

<sup>3</sup>. CHU, Rennes, France

<sup>4</sup>. CHU, Paris, France

<sup>5</sup>. CHU, Caen, France

<sup>6</sup>. CHU, Grenoble, France

<sup>7</sup>. Hôpital de l'Estuaire, Le Havre, France

17:02 - 17:10

**Impact of remplissage on shoulder function: A minimum 10-year follow-up**

*Geoffroy Nourissat<sup>1</sup>, Claire Bastard<sup>2</sup>, Julien Gaillard<sup>2</sup>, Olivier Herisson<sup>2</sup>*

<sup>1</sup>. Groupe Maussins, Paris, France

<sup>2</sup>. Hôpital Saint Antoine APHP, Paris, France

17:10 - 17:18

**Long-term results of the open Latarjet procedure for recurrent anterior shoulder instability in patients older than 40 years**

*Lukas Ernstbrunner, Lara Wartmann, Stefan Zimmermann, Pascal Schenk, Christian Gerber, Karl Wieser*

University Hospital Balgrist, Zurich, Switzerland

17:18 - 17:26

**Revision of Latarjet by Eden Hybinette surgical technique**

*Pierre-Henri Flurin<sup>1</sup>, Maxime Anton<sup>2</sup>, Pierre Metais<sup>3</sup>, Richard Aswad<sup>4</sup>*

<sup>1</sup>. Bordeaux Merignac Sport Clinic, Merignac, France

<sup>2</sup>. Strasbourg Hospital, Illkirch, France

<sup>3</sup>. La Chataigneraie clinic, Beaumont, France

<sup>4</sup>. Institute of orthopedic and sport surgery, Marseille, France

17:26 - 17:34

**Arthroscopic stabilization after a first-time dislocation collision versus contact athletes**

*Maximiliano Ranalletta, Luciano A Rossi, Ignacio Alonso, Sirio Sirio, Julieta Puig Dubois, Gaston Maignon, Santiago L Bongiovanni*  
Hospital Italiano de Buenos Aires, Buenos Aires, Argentina

17:34 - 17:42

**Abduction-external-rotation-immobilization vs. arthroscopic stabilization after primary traumatic anterior shoulder dislocation**  
*Marvin Minkus<sup>1</sup>, Matthias Königshausen<sup>2</sup>, Dirk Maier<sup>3</sup>, Alexander Henze<sup>4</sup>, Thomas Stein<sup>5</sup>, Stefan Greiner<sup>6</sup>, Markus Scheibel<sup>1</sup>*

<sup>1</sup>. Center for Musculoskeletal Surgery, Charité-Universitaetsmedizin Berlin, Germany

<sup>2</sup>. Department of Trauma Surgery, University Hospital Bergmannsheil Bochum, Germany

<sup>3</sup>. Department for Orthopaedics and Traumatology, University Hospital Freiburg, Germany

<sup>4</sup>. Sportsclinic Stuttgart, Stuttgart, Germany

<sup>5</sup>. Sport Orthopaedics, Knee- and Shoulder Surgery, BGU Frankfurt am Main, Germany

<sup>6</sup>. Sporthopaedicum Regensburg, Germany

17:42 - 17:50

**Is posterior shoulder instability correlated with glenoid retroversion ?**

*Yon-Sik Yoo, Seung-Jin Lee, Ji-Hoon Nam*

Hallym University Dontan Sacred Heart Hospital, Hwasungsi, South Korea

17:50 - 17:58

**Does preoperative posterior glenoid cartilage wear predict poor outcomes in structural dynamic posterior instability treated by arthroscopic soft tissue repair?**

*Albert Ferrando<sup>1</sup>, Cristian Aravena<sup>2</sup>, Ulrike Novo<sup>2</sup>, Beatriz Alvarez<sup>2</sup>, Maria Valencia Mora<sup>2</sup>, Emilio Calvo<sup>2</sup>*

<sup>1</sup>. Hospital Universitari i Politècnic La Fe, Valencia, Spain

<sup>2</sup>. Fundacion Jimenez Diaz, Madrid, Spain



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

THURSDAY, SEPTEMBER 20<sup>th</sup>

### SCIENTIFIC SESSION VI

#### ELBOW I

Chairs: Raul Barco, Alberto Schneeberger

ROOM 2 • 16:30 - 18:00

16:30 - 16:38

**Long-term clinical results in patients treated with arthroscopic release for elbow stiffness.**

Taj Haubuf, Janne Ovesen

Aarhus University Hospital, Aarhus, Denmark

16:38 - 16:46

**Prospective study Of MRI findings in simple elbow dislocation**

Toni Luukkala<sup>1</sup>, Subhasis Basu<sup>2</sup>, David Temperley<sup>2</sup>, Teemu Karjalainen<sup>1</sup>, Adam Watts<sup>2</sup>

<sup>1</sup>. Central Finland Central Hospital, Jyväskylä, Finland

<sup>2</sup>. Wrightington Hospital, Wigan, United Kingdom

16:46 - 16:54

**Thoracic Outlet Syndrome is common pathology among throwing athletes suffering from dominant elbow pain**

Tetsuya Takenaga<sup>1</sup>, Kozo Furushima<sup>1</sup>, Tadanao Funakoshi<sup>1</sup>, Hiroshi Kusano<sup>1</sup>, Azusa Miyamoto<sup>2</sup>, Yuya Itoh<sup>1</sup>, Yoshiyasu Itoh<sup>1</sup>

<sup>1</sup>. Keiyu Orthopaedic Hospital, Sports Medical Center, Tatebayashi, Japan

<sup>2</sup>. Department of Rehabilitation, Keiyu Orthopaedic Hospital, Tatebayashi, Japan

16:54 - 17:02

**Clinical comparison of triceps-sparing and triceps-detaching approaches for revision total elbow arthroplasty**

Mark Solarz<sup>1</sup>, Maharsh Patel<sup>2</sup>, Aimee Struk<sup>2</sup>, Robert Matthias<sup>2</sup>, Joseph King<sup>2</sup>, Thomas Wright<sup>2</sup>, Bradley Schoch<sup>2</sup>

<sup>1</sup>. Temple, Philadelphia, United States

<sup>2</sup>. University of Florida, Gainesville, United States

17:02 - 17:10

**Outcomes following revision of the revision elbow arthroplasty**

Peter Domos, Sachin Patel, Madhavan Papanna, David Stanley, Amjid Ali

Northern General Hospital, Sheffield, Sheffield, United Kingdom

17:10 - 17:18

**Arthroscopic Debridement Arthroplasty (ADA) for haemophilic arthropathy of the elbow**

Kozo Shimada<sup>1</sup>, Ko Temporin<sup>1</sup>, Keiichiro Oura<sup>1</sup>, Hideyuki Takedani<sup>2</sup>

<sup>1</sup>. JCHO Osaka Hospital, Osaka, Japan

<sup>2</sup>. Institute of Medical Science, University of Tokyo, Tokyo, Japan

26

17:18 - 17:26

**Open versus arthroscopic elbow arthrolysis for posttraumatic elbow contracture – Comparative study**

Marta Slezak, Joanna Walecka, Jakub Stefaniak, Przemyslaw Lubiowski

Department of Traumatology, Orthopaedics and Hand Surgery, Poznan University of Medical Sciences; Rehasport Clinic, Poznan, Poland

17:26 - 17:34

**Is there a place for radiocapitellar arthroplasty? – A consecutive case series with 2 – 6 years follow-up**

Christian Spross<sup>1</sup>, Wouter Jak<sup>2</sup>, Roger Van Riet<sup>2</sup>

<sup>1</sup>. Kantonsspital St. Gallen, St. Gallen, Switzerland

<sup>2</sup>. AZ Monica, Antwerpen, Belgium

17:34 - 17:42

**Mid- to long-term outcomes of total elbow arthroplasty using triceps-sparing ulnar approach**

Naoki Suenaga<sup>1</sup>, Naomi Oizumi<sup>1</sup>, Chika Yoshioka<sup>2</sup>, Shintaro Yamane<sup>2</sup>, Isoya Goya<sup>3</sup>

<sup>1</sup>. Upper Extremity Center of Joint Replacement and Endoscopic Surgery, Orthopedic Hokushin Hospital, Sapporo, Japan

<sup>2</sup>. Upper Extremity Center of Joint Replacement and Endoscopic Surgery, Hokushin Higashi Hospital, Sapporo, Japan

<sup>3</sup>. Department of Orthopaedic Surgery, University of The Ryukyus, Okinawa, Japan

17:42 - 17:50

**Defect size decreases and subchondral bone partially restores on Computed Tomography after arthroscopic debridement and microfracture for osteochondritis dissecans of the capitellum**

Rens Bexkens<sup>1</sup>, Christiaan J.a. Van Bergen<sup>2</sup>, Michel P.j. Van Den Bekerom<sup>3</sup>, Gino M.m.j. Kerkhoffs<sup>1</sup>, Denise Eygendaal<sup>1</sup>

<sup>1</sup>. Academic Medical Center, Amsterdam, The Netherlands

<sup>2</sup>. Amphibia Hospital, Breda, The Netherlands

<sup>3</sup>. Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands

17:50 - 17:58

**Operative treatment of coronoid fractures: Functional outcome and complications**

Samuel Antuña, Eloy Tabeayo, Raul Barco

Hospital Universitario La Paz, Madrid, Spain



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

FRIDAY, SEPTEMBER 21<sup>st</sup>

### INSTRUCTIONAL COURSE LECTURE 4

#### GLENOID REPLACEMENT IN TOTAL SHOULDER ARTHROPLASTY

Chair: Patric Raiss

ROOM 2 • 07:30 - 08:45

**Preoperative planning of the arthritic glenoid: why we should always do it**

*George Athwal, Canada*

**The use of PSI in total shoulder arthroplasty: benefits, procedure and costs.**

*Pascal Boileau, France*

**Uncemented glenoid implants in anatomic TSA: why and how this will be the future**

*Alex Castagna, Italy*

**Cemented glenoid implants in TSA: why it is still the "gold standard"**

*Bernhard Jost, Switzerland*

**The challenging, bone-deficient glenoid: which implant concept is the best?**

*Patric Raiss, Germany*

**Glenoid erosion in osteoarthritis: when should we use RSA?**

*Anders Ekelund, Sweden*

### INSTRUCTIONAL COURSE LECTURE 5

#### TRAUMATIC CONDITIONS OF THE RADIAL HUMERAL JOINT

Chair: Roger van Riet

ROOM 4 • 07:30 - 08:45

**Relevant anatomy and biomechanics**

*Michael van den Bekerom, The Netherlands*

**Overview of classification systems and their clinical application**

*Alexander Van Tongel, Belgium*

**Osteosynthesis: Indication, options and limitations**

*Christian Spross, Switzerland*

**Arthroscopic treatment of radial head and associated lesions**

*Roger Van Riet, Belgium*

**Radial head arthroplasty**

*Raul Barco, Spain*

**Revision of failures**

*Adam Watts, UK*

**Panel discussion of cases**

### INSTRUCTIONAL COURSE LECTURE 6

#### CURRENT KNOWLEDGE IN CLINICAL EXAMINATION AND RADIOGRAPHIC ASSESSMENT OF GLENOHUMERAL INSTABILITY

Chair: Matthias Zumstein

ROOM 3 • 07:30 - 08:45

**Current knowledge of Clinical Examination of Antero-Inferior Instability**

*Matthias Zumstein, Switzerland*

**Current knowledge of Clinical Examination of Postero-inferior Instability**

*Arnaud Godeneche, France*

**Current knowledge of functional Shoulder Instability**

*Philip Moroder, Germany*

**Current knowledge of "critical bone loss" Assessment of the Antero-Inferior and Postero-Inferior Shoulder Instability**

*Tony Romeo, USA*

### JSES SESSION 2

#### ELBOW

Chairs: Pierre Mansat, Samuel Antuña

ROOM 18 • 07:30 - 08:45

**Elbow arthrodesis for post-traumatic sequelae: surgical tactics using the Ilizarov frame**

*Sala F, Catagni M, Pili D, Capitani P.*

*J Shoulder Elbow Surg. 2015 Nov;24 (11):1757-63. doi: 10.1016/j.jse.2015.07.030*

**Outcome after total elbow arthroplasty: a retrospective study of 167 procedures performed from 1981 to 2008.**

*Plaschke HC, Thillemann TM, Brorson S, Olsen BS.*

*J Shoulder Elbow Surg. 2015 Dec;24(12):1982-90. doi: 10.1016/j.jse.2015.07.036.*

**The management of infected elbow arthroplasty by two-stage revision**

*Rudge WBJ, Eseonu K, Brown M, Warren S, Majed A, Bayley IL, Lambert SM, Higgs D, Falworth M.*

*J Shoulder Elbow Surg. 2018 May;27(5):879-886. doi: 10.1016/j.jse.2017.12.033.*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

FRIDAY, SEPTEMBER 21<sup>st</sup>

### SYMPOSIUM II

#### HEALTHCARE ECONOMICS

Chair: Emilio Calvo

ROOM 1 • 09:00 - 10:30

#### Conflicts between clinical and health economic perspectives

Amar Rangan, UK

#### Aligning clinical evidence based data and health economics in shoulder and elbow surgery: The national health systems' perspective

Andrew Carr, UK

#### PSI, new prosthetic designs, double row, arthroscopic Latarjet and many more: Integrating new technical developments and economic efficiency

Christian Gerber, Switzerland

#### How should shoulder and elbow surgical procedures be funded: The american perspective

Anthony Romeo, USA, ASES President

#### Issues with surgeons and health compliance: The new scenario in Europe

Serge Bernasconi, Belgium, CEO MedTech Europe

### NATIONAL SOCIETIES BEST PAPER SESSION

Chairs: Juan Bruguera, Matthias Flury

ROOM 1 • 11:00 - 12:00

### SCIENTIFIC SESSION VII

#### REHABILITATION

Chairs: Pericles Papadopoulos, Georges Kohut

ROOM 2 • 11:00 - 12:00

11:00 - 11:08

#### Prevalence of musculoskeletal disorders among shoulder and elbow surgeons

Ryan Terence Bicknell, Saad Al-Qahtani, Mohammad Alzahrani, David Pichora

Queen's University, Kingston, Canada

11:08 - 11:16

#### Return to sports after arthroscopic treatment of recurrent anterior shoulder instability

Stefan Greiner<sup>1</sup>, Max Kääh<sup>2</sup>, Anja Höniger<sup>2</sup>, Julian Brueck<sup>3</sup>, Christian Zantop<sup>3</sup>

<sup>1</sup>. Sporthopaedicum Regensburg, Regensburg, Germany

<sup>2</sup> Sporthopaedicum Straubing, Straubing, Germany

<sup>3</sup>. Return to Play Straubing, Straubing, Germany

11:16 - 11:24

#### Shoulder rotational strength in youth elite handball players during a competitive season

Behnam Liaghat<sup>1</sup>, Jesper Bencke<sup>2</sup>, Mette K. Zebis<sup>3</sup>, Grethe Myklebust<sup>4</sup>, Henrik Sørensen<sup>5</sup>, Niels Wedderkopp<sup>6</sup>, Martin Lind<sup>7</sup>, Merete Møller<sup>1</sup>

<sup>1</sup>. Department of Sports Science and Clinical Biomechanics, Research Unit for Musculoskeletal Function and Physiotherapy, University of Southern Denmark, Odense, Denmark

<sup>2</sup>. Human Movement Analysis Laboratory, Copenhagen University Hospital, Amager-Hvidovre, Copenhagen, Denmark

<sup>3</sup>. Department of Physiotherapy and Occupational Therapy, Faculty of Health and Technology, Metropolitan University College, Copenhagen, Denmark

<sup>4</sup>. Department of Sports Medicine, Oslo Sports Trauma Research Center, Norwegian School of Sport Sciences, Oslo, Norway

<sup>5</sup>. Department of Public Health, Section for Sport Science, Aarhus University, Aarhus, Denmark

<sup>6</sup>. Sport Medicine Clinic, Orthopaedic dep. Hospital of Lillebaelt, Institute of Regional Health Service Research, University of Southern Denmark, Odense, Denmark

<sup>7</sup>. Div. of Sportstraumatology, Aarhus University Hospital, Aarhus, Denmark

11:24 - 11:32

#### Early kinematic analysis of Grammont design versus lateralized short stem reverse total shoulder arthroplasty: A prospective laboratory study

Giovanni Merolla<sup>1</sup>, Ilaria Pare<sup>2</sup>, Antonio Padolino<sup>1</sup>, Paolo Paladini<sup>1</sup>, Giuseppe Porcellini<sup>1</sup>

<sup>1</sup>. Shoulder and Elbow Unit, Cattolica, Italy

<sup>2</sup>. Biomechanics Laboratory, Cattolica, Italy

11:32 - 11:40

#### The pain effect of rotator cuff tear on cognitive impairment

Chih-Hao Chiu<sup>1</sup>, Po-Yu Chen<sup>2</sup>

<sup>1</sup>. Taoyuan Chang Gung Hospital, Taoyuan City, Taiwan

<sup>2</sup>. Chang Gung University, Taoyuan City, Taiwan

11:40 - 11:48

#### The influence of Pectoralis Minor tightness and scapular dyskinesia in subacromial impingement refractory to conservative treatment

Nicolas Bigorre, Stefania Tanase, Frederic Degez

Centre de la Main, Trelaze, France

11:48 - 11:56

#### Cryotherapy after elbow surgery- A randomized control trial

Ingrid Hultenheim Klintberg

Inst Neuroscience and Physiology / Sahlgrenska Univ Hosp, Gothenburg, Sweden



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

FRIDAY, SEPTEMBER 21<sup>st</sup>

### SECEC PRESIDENTIAL GUEST LECTURE

#### THE ABC'S OF SHOULDER ARTHRITIS

George Athwal, St. Joseph's Health Care, Ontario, Canada

ROOM 1 • 12:00 - 12:30

### SCIENTIFIC SESSION VIII

#### ROTATOR CUFF II

Chair: Mario Borroni, Nicolas Holzer

ROOM 1 • 14:15 - 15:45

14:15 - 14:23

**No functional difference between 3 and 6 weeks of immobilization after arthroscopic rotator cuff repair: A prospective randomized controlled non-inferiority trial.**

Kjersti Kaul Jenssen<sup>1</sup>, Kirsten Lundgreen<sup>1</sup>, Jan Erik Madsen<sup>2</sup>, Rune Kvakestad<sup>1</sup>, Sigbjørn Dimmen<sup>1</sup>

<sup>1</sup>. Lovisenberg Diaconal Hospital, Oslo, Norway

<sup>2</sup>. Oslo University Hospital, Oslo, Norway

14:23 - 14:31

**Alteration of fatty infiltration and muscle atrophy following rotator cuff repair**

Taku Hatta, Kiyotsugu Shinagawa, Nobuyuki Yamamoto, Eiji Itoi  
Department of Orthopaedic Surgery, Tohoku University School of Medicine, Sendai, Japan

14:31 - 14:39

**Anterior latissimus dorsi transfer (ALDT) For Irreparable Subscapularis Lesion: midterm Results In A Series Of 16 Patients**

Michael Stalder, Susanne Epprecht, Rebecca Hartmann, Sabrina Catanzaro, Dominik Meyer, Christian Gerber  
Uniklinik Balgrist, Zurich, Switzerland

14:39 - 14:47

**Outcome of Latissimus Dorsi Transfer for posterosuperior cuff insufficiency: Patients aged 55 years and younger versus patients aged 75 years and older.**

Jean Kany<sup>1</sup>, Jean David Werthe<sup>2</sup>, Jean Grimberg<sup>3</sup>, Hisham Anis<sup>4</sup>, Philippe Valent<sup>2</sup>

<sup>1</sup>. Clinique de l'Union, Saint Jean, France

<sup>2</sup>. Clinique Bizet, Paris, France

<sup>3</sup>. LIRCOS, Paris, France

<sup>4</sup>. Zagazig University, Le Caire, Egypt

14:47 - 14:55

**The impact of tendon delamination on rotator cuff healing**

Pascal Boileau<sup>1</sup>, Olivier Andrean<sup>2</sup>, Martin Schramm<sup>3</sup>, Mohammed Baba<sup>4</sup>, Mikaël Chelli<sup>1</sup>, Hugo Barret<sup>1</sup>

<sup>1</sup>. Hôpital Pasteur<sup>2</sup> - IULS, Nice, France

<sup>2</sup>. Institut Arnault Tzanck, St Laurent Du Var, France

<sup>3</sup>. IMFS, Monaco, Monaco

<sup>4</sup>. Norwest Private Hospital, Sydney, Australia

14:55 - 15:03

**Nonoperative treatment of rotator cuff disease with Platelet-Rich Plasma: A systematic review**

Eoghan T Hurley<sup>1</sup>, Charles P Hannon<sup>2</sup>, Daren Lim Fat<sup>1</sup>, Cathal J Moran<sup>1</sup>, Hannan Mullett<sup>1</sup>

<sup>1</sup>. Sports Surgery Clinic, Dublin, Ireland

<sup>2</sup>. Rush University Medical Center, Chicago, United States

15:03 - 15:11

**Establishing clinically significant outcomes after rotator cuff repair**

Gregory L Cvetanovich, Benedict Nwachukwu, Anirudh K Gowd, Brandon C Cabarcas, Joseph Liu, Anthony A Romeo, Nikhil Verma  
Rush University Medical Center, Chicago, United States

15:11 - 15:19

**Arthroscopic subacromial spacer implantation in patients with massive irreparable rotator cuff tears with and without partial repair**

Burak Altintas<sup>1</sup>, Syed Dil Bagh Ali Shah<sup>2</sup>, Mehmet Kapicioglu<sup>2</sup>, Kerem Bilse<sup>2</sup>

<sup>1</sup>. Steadman Philippon Research Institute, Vail, United States

<sup>2</sup>. Bezmialem Vakif University, Istanbul, Turkey

15:19 - 15:27

**Relationship between functional outcome and fatty degeneration of the rotator cuff muscles after early arthroscopic reconstruction of massive posttraumatic supra- and infraspinatus tendon tears**

Christophe Spormann<sup>1</sup>, Beat Rene Simmen<sup>1</sup>, Marco Zanetti<sup>2</sup>

<sup>1</sup>. Endoclinic, Clinic Hirslanden, Zürich, Switzerland

<sup>2</sup>. Radiologie Clinic Hirslanden, Zürich, Switzerland

15:27 - 15:35

**Glenoid inclination or acromial coverage – What is more relevant for the determination of the critical shoulder angle in patients with osteoarthritis or rotator cuff tears**

Silvan Beeler, Anita Hasler, Tobias Götschi, Dominik Meyer, Christian Gerber

Universitätsklinik Balgrist, Zürich, Switzerland



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### FRIDAY, SEPTEMBER 21<sup>st</sup>

15:35 - 15:43

**Return to sports after arthroscopic rotator cuff repair in patients younger than forty-five years**

*Burak Altintas, Jonas Pogorzelski, Erik M. Fritz, Zaamin B. Hussain, Marilee P. Horan, Jonathan A. Godin, Peter J. Millett  
Steadman Philippon Research Institute, Vail, United States*

#### SCIENTIFIC SESSION IX

#### ELBOW II

*Chair: Antonio Foruria, Matthias Zumstein*

ROOM 2 · 14:15 - 15:45

14:15 - 14:23

**Can the radial head diameters be inferred from humeral articular dimensions? Bilateral MRI morphometric analysis on 39 healthy subjects**

*Giuseppe Giannicola, Andrea Giulivi, Marco Scacchi, Paolo Spinello, Gianluca Cinotti  
Sapienza University of Rome - Policlinico Umberto I, Roma, Italy*

14:23 - 14:31

**LUCL-Reconstruction using the triceps tendon - 7,5 year follow-up**

*Christian Schoch, Michael Geyer  
St. Vinzenz Klinik Pfronten, Pfronten, Germany*

14:31 - 14:39

**Cubitus varus: Angular or rotational deformity?**

*Luis Moraleda<sup>1</sup>, Raúl Barco<sup>1</sup>, Joaquín Nuñez De Armas<sup>1</sup>, María Valencia Mora<sup>2</sup>*

<sup>1</sup>. Hospital Universitario La Paz, Madrid, Spain

<sup>2</sup>. Hospital Universitario Fundación Jiménez Díaz, Madrid, Spain

14:39 - 14:47

**Arthroplasty as primary treatment of distal humeral fractures - A study based on swedish registries**

*Lars Evert Adolfsson<sup>1</sup>, Jens Nestorson<sup>1</sup>, Hanna Cecilia Björnsson-Hallgren<sup>1</sup>, Hans Rahme<sup>2</sup>*

<sup>1</sup>. Linköping University, Linköping, Sweden

<sup>2</sup>. Uppsala University, Uppsala, Sweden

14:47 - 14:55

**The presence of posterior comminution modifies the treatment and prognosis in capitellar and trochlear fractures? Study performed on 45 consecutive patients.**

*Enrico Guerra, Graziano Bettelli, Roberto Rotini  
Istituto Ortopedico Rizzoli, Bologna, Italy*

14:55 - 15:03

**Distal anteromedial and distal anterolateral elbow arthroscopy portals in guiding arthroscopic radial head screw fixation.**

*Davide Cucchi<sup>1</sup>, Paolo Angelo Arrigon<sup>2</sup>, Alessandra Menon<sup>2</sup>, Francesco Luceri<sup>3</sup>, Enrico Guerra<sup>4</sup>, Christof Burger<sup>1</sup>, Lars Peter Müller<sup>5</sup>, Pietro Simone Randelli<sup>2</sup>, Denise Eygendaaf<sup>6</sup>, Kilian Wegmann<sup>5</sup>*

<sup>1</sup>. Department of Orthopaedics and Trauma Surgery, Universitätsklinikum Bonn, Bonn, Germany

<sup>2</sup>. Laboratory of Applied Biomechanics, Department of Biomedical Sciences for Health, Università degli Studi di Milano, Milano, Italy

<sup>3</sup>. Clinica Ortopedica, Azienda Socio Sanitaria Territoriale Centro Specialistico Ortopedico Traumatologico Gaetano Pini-CTO, Milano, Italy

<sup>4</sup>. Istituto Ortopedico Rizzoli, Milano, Italy

<sup>5</sup>. Center for Orthopedic and Trauma Surgery, University Medical Center, Köln, Germany

<sup>6</sup>. Department of Orthopaedic Surgery, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

15:03 - 15:11

**Does epicondylitis refractory to conservative treatment really exist?**

*Nicolas Bigorre, Frederic Degez  
Centre de la Main, Trelaze, France*

15:11 - 15:19

**Comparison of posteromedial and posterolateral dislocation of the elbow joint -MRI features, injury mechanism and management- In Hyeok Rhyou, Kyung Chul Kim, Ji-Ho Lee, Hyeong Jin Kim, Kee Baek Ahn**

*Department of Orthopaedic Surgery, Upper Extremity and Microsurgery Center, Pohang Semyeong Christianity Hospital, Pohang, South Korea*

15:19 - 15:27

**Complications of modular radial head prosthesis: Presentation of a case series based on our experience in the past nine years**

*Daniel Bustamante, Ana María Martín, Juan María Pardo, Carlos Navas, Lucía García, David Cecilia*

*Hospital 12 de Octubre, Madrid, Spain*

## SCIENTIFIC PROGRAM

FRIDAY, SEPTEMBER 21<sup>st</sup>

15:27 - 15:35

**Distal fractures of the humerus in patients over 65 : complications of treatment prospective & retrospective multicenter study on 497 cases**

*laurent obert<sup>1</sup>, philippe clavert<sup>2</sup>, Francois Sirveaux<sup>3</sup>, Jean Louis Charissoux<sup>4</sup>, Laurent Pidhorz<sup>5</sup>, Adrien Jacquot<sup>6</sup>, Thierry Fabre<sup>7</sup>, Pierre Mansat<sup>8</sup>*

<sup>1</sup>. Orthopedic Unit & Medical School Of Besancon - University Hospital Of Besancon, Besancon, France

<sup>2</sup>. Orthopedic Unit & Medical School Of Strasbourg - University Hospital Of Strasbourg, Strasbourg, France

<sup>3</sup>. Orthopedic Unit & Medical School Of Nancy - University Hospital Of Nancy, Nancy, France

<sup>4</sup>. Orthopedic Unit & Medical School Of Limoges - University Hospital Of Limoges, Limoges, France

<sup>5</sup>. Orthopedic Unit - Hospital Le Mans, Le Mans, France

<sup>6</sup>. Private Hospital Of Nancy, Nancy, France

<sup>7</sup>. Orthopedic Unit & Medical School Of Bordeaux - University Hospital Of Bordeaux, Bordeaux, France

<sup>8</sup>. Orthopedic Unit & Medical School Of Toulouse - University Hospital Of Toulouse, Toulouse, France

15:35 - 15:43

**A comparison of the long-term results of the Lateral Resurfacing (LRE) arthroplasty in two institutions**

*Christopher Edwin Lewis Watkins<sup>1</sup>, Joseph Pooley<sup>1</sup>, John William Kenneth Harrison<sup>1</sup>, Martin Chochole<sup>2</sup>, Florian Domaszewski<sup>2</sup>, Teresa Kamelander<sup>2</sup>*

<sup>1</sup>. Queen Elizabeth Hospital, Newcastle Upon Tyne, United Kingdom

<sup>2</sup>. Herz Jesu Krankenhaus, Vienna, Austria

## SCIENTIFIC SESSION X

## REVERSE SHOULDER ARTHROPLASTY I

Chair: Anders Ekelund, Ralph Hertel

ROOM 1 • 16:15 - 17:45

16:15 - 16:23

**How the greater tuberosity affects the clinical outcomes after reverse shoulder arthroplasty for proximal humerus fractures**

*Xavier Ohl<sup>1</sup>, Nicolas Bonneville<sup>2</sup>, David Gallinet<sup>3</sup>, Philippe Valenti<sup>4</sup>, Pascal Boileau<sup>5</sup>*

<sup>1</sup>. University Hospital, Reims, France

<sup>2</sup>. University Hospital, Toulouse, France

<sup>3</sup>. Saint Vincent Private Hospital, Besançon, France

<sup>4</sup>. Paris Shoulder Unit, Paris, France

<sup>5</sup>. University Hospital, Nice, France

16:23 - 16:31

**Scapular fractures in reverse shoulder arthroplasty (Grammont style): Prevalence, functional and radiographic results with minimum 5 year-follow-up.**

*Lionel Neyton, John Erickson, Francesco Ascione, Giulia Bugelli, Enricomaria Lunini, Gilles Walch*

Centre Orthopédique Santy, Lyon, France

16:31 - 16:39

**Bony increased-offset reverse shoulder arthroplasty (BIO-RSA): 5 To 10 Years Follow-Up**

*Pascal Boileau<sup>1</sup>, Nicolas Morin-Salvo<sup>2</sup>, Marc-Olivier Gauci<sup>1</sup>, Grégory Moineau<sup>3</sup>, Mikaël Chelli<sup>1</sup>*

<sup>1</sup>. Hôpital Pasteur<sup>2</sup> - IULS, Nice, France

<sup>2</sup>. Clinique Chantecler, Marseille, France

<sup>3</sup>. Centre Orthopédique Pasteur Lanroze, Brest, France

16:39 - 16:47

**Do Hamada grade, age, gender, dominance or ASA grade influence the outcome after reverse total shoulder arthroplasty (RTSA) for unilateral cuff arthropathy?**

*Joerg Huber<sup>1</sup>, Ulrich Irlenbusch<sup>2</sup>, Max Kääh<sup>3</sup>, Falk Reuther<sup>4</sup>, Thierry Joudet<sup>5</sup>, Georges Kohut<sup>6</sup>*

<sup>1</sup>. Stadtspital Triemli, Zuerich, Switzerland

<sup>2</sup>. Sportclinic Erfurt, Erfurt, Germany

<sup>3</sup>. Sportorthopädicum Straubing, Straubing, Germany

<sup>4</sup>. DRK Kliniken Köpenick, Berlin, Germany

<sup>5</sup>. Clinique du Libournais, Libourne, France

<sup>6</sup>. Clinique Générale, Fribourg, Switzerland

16:47 - 16:55

**Re-interventions after primary reverse shoulder arthroplasty: More than 10 years' experience from a local shoulder Arthroplasty Registry.**

*Michael C Glanzmann<sup>1</sup>, Laurent Audigé<sup>1</sup>, Hans-Kaspar Schwyzer<sup>1</sup>, Christoph Kolling<sup>2</sup>*

<sup>1</sup>. Schulthess Klinik Zürich, Zurich, Switzerland

<sup>2</sup>. Schulthess Klinik, Zurich, Switzerland

16:55 - 17:03

**Is there a benefit to add a L'Episcopo transfer to the reverse shoulder arthroplasty in patients with combined loss of elevation and external rotation (CLEER)?**

*Mikaël Chelli<sup>1</sup>, Jean-François Gonzalez<sup>1</sup>, Marc-Olivier Gauci<sup>1</sup>, Luc Favard<sup>2</sup>, Gilles Walch<sup>3</sup>, Pascal Boileau<sup>1</sup>*

<sup>1</sup>. Hôpital Pasteur<sup>2</sup> - IULS, Nice, France

<sup>2</sup>. Hôpital Trousseau-CHRU de Tours, Tours, France

<sup>3</sup>. Centre Médical Santy, Lyon, France



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

FRIDAY, SEPTEMBER 21<sup>st</sup>

17:03 – 17:11

### Comparison of midterm outcomes of reverse total shoulder arthroplasty with and without repair of the subscapularis

Howard Routman<sup>1</sup>, Richard Friedman<sup>2</sup>, Joseph Zuckerman<sup>3</sup>, Thomas Wright<sup>4</sup>, Pierre-Henri Flurin<sup>5</sup>, Chris Roche<sup>6</sup>

<sup>1</sup>. Atlantis Orthopedics, Palm Beach Gardens, United States

<sup>2</sup>. Medical University of SC, Charleston, United States

<sup>3</sup>. NYU Hospital for Joint Diseases, New York, United States

<sup>4</sup>. University of Florida, Gainesville, United States

<sup>5</sup>. Bordeaux-Merignac Clinic, Bordeaux, France

<sup>6</sup>. Exactech, Gainesville, United States

17:11 - 17:19

### Acromial fractures following reverse total shoulder arthroplasty – A cohort controlled analysis\*

Pascal Schenk, Alexander Aichmair, Silvan Beeler, Lukas Ernstbrunner, Dominik Meyer, Christian Gerber

Balgrist University Hospital, Zürich, Switzerland

17:19 – 17:27

### Primary reverse shoulder arthroplasty in patients older than 80 years

Eduard Alentorn-Geli, Andrew T. Assenmacher, Nicholas J. Clark, Brian T. Samuelsen, Robert H. Cofield, John W. Sperling, Joaquin Sanchez-Sotelo

Mayo Clinic, Rochester, United States

17:27 – 17:35

### Results of glenoid bone grafting techniques in reverse shoulder arthroplasty.

Andreas Leonidou, George Panagopoulos, Caroline Witney-Lagen, Luis Natera, Juan Bruguera, Giuseppe Sforza, Ehud Atoun, Ofer Levy

The Reading Shoulder Unit, Reading, United Kingdom

17:35 – 17:43

### Lateralization and distalization are important determinants of clinical outcomes in reverse shoulder arthroplasty.

#### A radiological study of the lateralization shoulder angle and distalization shoulder angle.

Achilleas Boutsiadis<sup>1</sup>, Patrick J Denard<sup>2</sup>, Johannes Barth<sup>3</sup>

<sup>1</sup>. <sup>40</sup> General Military Hospital of Athens, Athens, Greece

<sup>2</sup>. Southern Oregon Orthopedics, 2780 east Barnett Rd, Suite 200Medford OR, USA, Oregon, United States

<sup>3</sup>. Department of Orthopaedic Surgery, Centre Osteoarticulaire des Cèdres, Grenoble, France, Grenoble, France

## SCIENTIFIC SESSION XI

### MISCELLANEOUS II

Chair: Francesco Franceschi, Barbara Andrea Wirth

ROOM 2 · 16:15 - 17:45

16:15 - 16:23

### P. Acnes incidence in shoulder arthroscopy and correlation with the clinical results

Mehmet Kerem Canbora<sup>1</sup>, Mehmet Soyarslan<sup>1</sup>, Gulcin Balkose<sup>2</sup>, Ozkan Kose<sup>3</sup>, Sebahat Aksaray<sup>1</sup>

<sup>1</sup>. Haydarpasa Numune Education&Research Hospital, Istanbul, Turkey

<sup>2</sup>. Mugla Sitki Kocman University Education&Research Hospital, Mugla, Turkey

<sup>3</sup>. Antalya Education&Research Hospital, Antalya, Turkey

16:23 - 16:31

### Patients lost to follow-up in shoulder arthroplasty. Descriptive analysis and reasons for

Carlos Torrens<sup>1</sup>, Joan Mique<sup>2</sup>, Fernando Santana<sup>1</sup>

<sup>1</sup>. Hospital del Mar, Barcelona, Spain

<sup>2</sup>. Hospital Igualada, Igualada, Spain

16:31 - 16:39

### Virtual orthopaedic clinic for upper limb arthroplasty follow-up in a tertiary referral centre

David Butt, Amanda Denton, Deborah Higgs, Mark Falworth, Addie Majed, Will Rudge

Royal National Orthopaedic Hospital, Stanmore, United Kingdom

16:39 - 16:47

### One-stage exchange procedure in the management of infected shoulder prosthesis: A Retrospective study of 22 cases

Laela El Amiri, Maxime Antoni, Jeannot Gaudias, Benjamin Adamczewski, Jean-François Kempf, Philippe Clavert

Hôpitaux Universitaires de Strasbourg, Illkirch-Graffenstaden, France

16:47 - 16:55

### Rotator cuff tendon becomes stiff in frozen shoulder on evaluation of shear wave elastography

Tomoki Wada<sup>1</sup>, Yoshiaki Itoigawa<sup>1</sup>, Yuichiro Maruyama<sup>1</sup>, Kazuo Kaneko<sup>2</sup>

<sup>1</sup>. Juntendo University Urayasu Hospital, Urayasu, Japan

<sup>2</sup>. Juntendo University Hospital, Tokyo, Japan

16:55 - 17:03

### What influence does the measurement position have on the force transmission of the subscapularis muscle in healthy subjects?

Milad Farkhondeh Fal, Marius Junker, Jörn Kircher

ATOS Klinik Fleetinsel, Hamburg, Germany





GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### FRIDAY, SEPTEMBER 21<sup>st</sup>

---

17:03 - 17:11

#### Demographic trends, complications, and risk factors for revision shoulder arthroplasty

*Natalie Leong, Shelby A Sumner, Anirudh K Gowd, Gregory Nicholson, Anthony A Romeo, Nikhil Verma*  
*Rush University Medical Center, Chicago, United States*

17:11 - 17:19

#### Prognostic factors for the outcome of needle aspiration of calcific deposits for calcific tendinitis of the rotator cuff

*Bart Oudelaar, Rianne Huis In 't Veld, Edwin Ooms, Anne Vochteloo*  
*Centre for Orthopaedic Surgery OCON, Hengelo, The Netherlands*

17:19 - 17:27

#### Long-term follow-up of non-operative treatment of atraumatic sternoclavicular dislocation

*Robin Moreels, Lieven De Wilde, Alexander Van Tongel*  
*Ghent University, Ghent, Belgium*

17:27 - 17:35

#### Acromion roof in patients with osteoarthritis and rotator cuff tears - Multiplanar analysis with computertomography

*Silvan Beeler, Anita Hasler, Jonas Getzmann, Dominik Meyer, Christian Gerber*  
*Universitätsklinik Balgrist, Zürich, Switzerland*

17:35 - 17:43

#### Does the coracoclavicular distance reliably assess vertical instability in acromioclavicular joint injuries? A Comparative study of two measurement methods

*Orestis Karargyris, Antonio Arenas-Miquelez, Michael Schär, Johannes Weihs, Lilianna Bolliger, Matthias Zumstein*  
*Inselspital, Bern, Switzerland*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

SATURDAY, SEPTEMBER 22<sup>nd</sup>

### INSTRUCTIONAL COURSE LECTURE 7

#### FROM THE GRAMMONT PROSTHESIS TO THE MODERN REVERSE TOTAL SHOULDER ARTHROPLASTY DESIGN: EFFECTS ON CLINICAL AND RADIOGRAPHIC OUTCOMES

Chair: G. Merolla

ROOM 2 • 07:30 - 08:45

**Biomechanics of reverse shoulder replacement: has it changed compared to the Grammont design?**

*Philip Moroder, Germany*

**Standard stem onlay reverse shoulder replacement**

*Joaquin Sanchez-Sotelo, USA*

**The use of 3D planning and BIO-RSA to address glenoid bone loss**

*Gilles Walch, France*

**Augmented baseplates in reverse shoulder replacement: clinical and radiographic outcomes compared with standard baseplates**

*Samuel Antuña, Spain*

**Standard Grammont design and short-stem onlay reverse arthroplasty**

*Giuseppe Porcellini, Italy*

### INSTRUCTIONAL COURSE LECTURE 8

#### CHRONIC ELBOW DISLOCATIONS: WHAT CAN BE DONE?

Chair: V. Stevanovic

ROOM 4 • 07:30 - 08:45

**What to expect in chronic elbow dislocation?**

*Ivan Micic, Serbia*

**What can go wrong in treatment for chronic elbow dislocation?**

*Philipp Heuberger, Austria*

**What can we expect from reconstructive surgery in chronic elbow dislocation?**

*Vladan Stevanovic, Serbia*

**What can we expect from arthroplasty in chronic elbow dislocations?**

*Marius Scarlet, France*

**What have we learned: evaluation and treatment protocol?**

*In Ho Jeon, South Korea*

### INSTRUCTIONAL COURSE LECTURE 9

#### NAVIGATION, ROBOTICS AND VIRTUAL REALITY IN SHOULDER SURGERY: THE PRESENT AND THE FUTURE

Chair: O. Verbort

ROOM 3 • 07:30 - 08:45

**Robotic assisted orthopaedic surgery – Past, present and future?**

*Ferdinando Rodriquez y Baena, UK*

**Pre-operative 3D planning, PSI and robotics in shoulder arthroplasty: innovation and evidence**

*Olivier Verbort, Belgium*

**The current evidence - A systematic review**

*Guillaume Villatte, France*

**PSI - A novel solution?**

*Roger Emery, UK*

**Virtual and augmented reality in medicine: new interactive tools for the shoulder surgeon**

*Caecilia Charbonnie, Switzerland*

### SCIENTIFIC SESSION XII

#### ANATOMIC SHOULDER ARTHROPLASTY

Chairs: Antonio Cartucho, Hans Kaspar Schwyzer

ROOM 1 • 09:00 - 10:30

09:00 - 09:08

**Is the glenoid vault outer cortex plane a reliable reference for glenoid implant positioning?**

*Thomas Gregory<sup>1</sup>, Lorenzo Merlini<sup>1</sup>, Roger Emery<sup>2</sup>, Ulrich Hansen<sup>3</sup>*

<sup>1</sup>. Avicenne Teaching Hospital, University Paris <sup>13</sup>, Bobigny, France

<sup>2</sup>. School of Medicine, Imperial College, London, United Kingdom

<sup>3</sup>. Department of Mechanical Engineering, Imperial College, London, United Kingdom

09:08 - 09:16

**5, 7 And 10 year survivorship analysis following Copeland resurfacing hemiarthroplasty**

*Nikhil Gokhale, Sherri Curtis, Ganesh Prasad, James Blacknall, Amit*

*Sharad Chandra Bidwai, Jomy Kurian*

*Sherwood Forest Hospitals NHS Trust, Sutton-In-Ashfield, United Kingdom*

09:16 - 09:24

**Stemless shoulder arthroplasty: Impaction vs. screw design - A retrospective cohort study**

*Arad Alikhah, Jan-Philipp Imiolczyk, Anna Krukenberg, Markus Scheibel CMSC Charité, Berlin, Germany*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### SATURDAY, SEPTEMBER 22<sup>nd</sup>

09:24 - 09:32

**Is press-fit short stem concept for shoulder arthroplasty currently valid?**

*Florence Dauzere*, Amélie Faraud, Vadim Azoulay, Nicolas Bonneville, Pierre Mansat

University Hospital, Toulouse, France

09:32 - 09:40

**Fatty infiltration and muscle atrophy of the rotator cuff in stemless total shoulder arthroplasty: A prospective cohort study**

Arkan Sayed-Noor<sup>1</sup>, Bassem T. Elhassar<sup>2</sup>, Bakir Kadum<sup>3</sup>

<sup>1</sup>. Department of Surgical and Perioperative Sciences, Umeå University, Sweden

<sup>2</sup>. Department of Orthopaedics, Rochester, United States

<sup>3</sup>. Department of Clinical and Experimental medicine - Linköping university, Jönköping, Sweden

09:40 - 09:48

**Midterm functional and radiographic outcomes of total shoulder arthroplasty in patients with a B2 glenoid addressed with corrective reaming**

Nathan Orvets<sup>1</sup>, Michelle Gosselin<sup>1</sup>, Brendan Patterson<sup>1</sup>, Peter N Chalmers<sup>2</sup>, Dane Salazar<sup>3</sup>, Jay D Keener<sup>1</sup>, Aaron Mark Chamberlain<sup>1</sup>

<sup>1</sup>. Washington University School of Medicine, St. Louis, Mo, United States

<sup>2</sup>. University of Utah School of Medicine, Salt Lake City, Ut, United States

<sup>3</sup>. Loyola University School of Medicine, Chicago, Il, United States

09:48 - 09:56

**In shoulder arthroplasty there are less glenoid radiolucent lines and humeral osteolysis with a ceramic than a metal humeral head.**

*Simon Bell*, Maxim Christmas, Jennifer Coghlan

Monash University, Melbourne Shoulder and Elbow Centre, Brighton, Australia

09:56 - 10:04

**Comparison of ATSA outcomes with keeled and pegged glenoids of equivalent radial mismatch with five years minimum followup**

*Richard Friedman*<sup>1</sup>, Howard Routman<sup>2</sup>, Thomas Wright<sup>3</sup>, Joseph Zuckerman<sup>4</sup>, Pierre-Henri Flurin<sup>5</sup>, Chris Roche<sup>6</sup>

<sup>1</sup>. Medical University of SC, Charleston, United States

<sup>2</sup>. Atlantis Orthopedics, Palm Beach Gardens, United States

<sup>3</sup>. University of Florida, Gainesville, United States

<sup>4</sup>. NYU Hospital for Joint Diseases, New York, United States

<sup>5</sup>. Bordeaux-Merignac Clinic, Bordeaux, France

<sup>6</sup>. Exactech, Gainesville, United States

10:04 - 10:12

**Wear in a metal-back glenoid with a vitamin E HXPE liner reaches half the wear of an all-PE glenoid**

*Philippe Favre*<sup>1</sup>, Paul Thistlethwaite<sup>1</sup>, Carina Hafner<sup>1</sup>, Jess G Snedeker<sup>2</sup>, Fabian Amstad<sup>1</sup>

<sup>1</sup>. Zimmer Biomet, Winterthur, Switzerland

<sup>2</sup>. University Hospital Balgrist and ETHZ, Zürich, Switzerland  
Basic Science

10:12 - 10:20

**Laminar flow systems during total shoulder arthroplasty: filtering money from the OR?**

*Daniel E Davis*, Benjamin Zmistowski, Joseph A Abboud, Surena Namdari

The Rothman Institute at Thomas Jefferson University, Philadelphia, United States

10:20 - 10:28

**Validation of a novel patient specific guide-based technique for minimally invasive total shoulder arthroplasty**

*Joshua W Giles*<sup>1</sup>, Cyrus Broden<sup>2</sup>, Christine Tempelaere<sup>2</sup>, Roger J Emery<sup>2</sup>, Ferdinando Rodriguez Y Baena<sup>2</sup>

<sup>1</sup>. University of Victoria, Victoria, Canada

<sup>2</sup>. Imperial College London, London, United Kingdom

### YOUNG FORUM SESSION

**FIRST SHOULDER DISLOCATION: A MULTICENTER STUDY BY THE SECEC YOUNG FORUM**

ROOM 2 • 09:00 - 10:30

Moderators: Markus Scheibel, Phillipe Collin, Joanna Walecka, Mehmet Demirhan

09:00 - 09:10

**How to do a MCS**

*Nicole Pouliart*

09:10 - 09:15

**Etiologies, epidemiology**

*Jeppe Vejlggaard Rasmussen*, Copenhagen (Denmark)

09:15 - 09:20

**Examination & diagnosis**

*Sebastian Lappen*, Hamburg (Germany)

09:20 - 09:25

**Scores**

*Laurent Willemont*, Antwerp (Belgium)

09:25 - 09:30

**Conservative therapy**

*Anna Krukenberg*, Berlin/Hamburg (Germany)



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### SATURDAY, SEPTEMBER 22<sup>nd</sup>

09:30 - 09:35

#### Operative therapy

*Marvin Minkus, Berlin (Germany)*

09:35 - 09:45

#### Study protocol

*Michael Künzler, Bern (Switzerland)*

09:45 - 10:00

#### Discussion

### AWARD SESSION

ROOM 1 · 11:00 - 11:50

*Chairman: Emilio Calvo*

11:00 - 11:04

#### Introduction of the Asian fellows

*Philippe Collin*

11:04 - 11:08

#### Introduction of the traveling fellows

*Philippe Collin*

11:08 - 11:13

#### Travel report 2017 Europe/Japan travelling fellows

*S. Cerciello, A. Gereli*

11:13 - 11:23

#### Best Poster Prize

*Chairman: Philippe Collin*

##### Effects of re-tear in patients with large or massive cuff tears treated by arthroscopic repair

*Koji Tanaka, Masafumi Gotoh, Masafumi Inoue, Hisao Shimokobe, Yasuhiro Mitsui, Hirokazu Honda, Hidehiro Nakamura, Hiroki Ohzono, Ryo Tanesue, Yosuke Nakamura, Takahiro Okawa, Naoto Shiba*  
*Japan*

##### The effect of anxiety and depression measured by HADS (Hospital Anxiety and Depression Scale) on early pain and range of motion after rotator cuff repair

*Hyong Suk Kim, Tae Hun Kim, Joo Hyun Park, Sung Min Rhee, Joo Han Oh*  
*South Korea*

##### Posteromedial rotatory incongruity of the elbow:

##### A computational kinematics study

*Gokhan Karademir, Daniel Bachman, Antonis Stylianou, Akin Cil*  
*United States*

##### Comparison of clinical outcomes with reverse total shoulder arthroplasty in patients with and without scapular notching

*Howard Routman, Richard Friedman, Joseph Zuckerman, Thomas Wright, Pierre-Henri Flurin, Chris Roche*  
*United States*

##### Prognostic factors affecting clinical outcomes after arthroscopic rotator cuff repair: Importance of functional recovery by 3 months after surgery

*Yosuke Nakamura, Masafumi Gotoh, Yasuhiro Mitsui, Hidehiro Nakamura, Hirokazu Honda, Hiroki Ohzono, Hisao Shimokobe, Ryo Tanesue, Koji Tanaka, Takahiro Okawa, Naoto Shiba*  
*Japan*

11:23 - 11:27

#### Video Prize: Announce of the winner

*Chairman: Philippe Collin*

11:27 - 11:31

#### Best Paper Prize: Announce of the winner

*Chairman: Nicole Pouliart*

11:31 - 11:35

#### Grammont Award: Announce of the winner

*Chairman: Nicole Pouliart*

11:35 - 11:40

#### Research grant: Announce of the winner

*Chairman: Nicole Pouliart*

11:40 - 11:45

#### National Societies' Best Paper Prize

*Chairman: Alexandre Laedermann*

### INVITED SOCIETIES SESSION

#### MEDLEY COMPOSED BY SWISS SOCIETY

ROOM 1 · 12:00 - 12:50

*Moderators: Eduard Buess, Beat Simmen*

12:00 - 12:05

#### On the shoulders of Norbert Gschwend.

*Beat Simmen*

12:05 - 12:15

#### Establishing arthroscopy in Cuba – a shared Swiss-Cuban adventure

*Eduard Buess, Antonio Hernandez*

12:15 - 12:25

#### 13 years of patch augmentation: A critical retrospect

*Ian Leuzinger*

12:25 - 12:35

#### Shoulder and elbow injuries in martial arts – a Swiss perspective.

*Claudio Rosso*

12:35 - 12:45

#### Sports activities after total elbow replacement in posttraumatic situations.

*Christoph Spormann*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

SATURDAY, SEPTEMBER 22<sup>nd</sup>

### SCIENTIFIC SESSION XIII

#### REVERSE SHOULDER ARTHROPLASTY II

Chairs: *Philippe Valenti, Gabor Puskas*

ROOM 1 • 13:40 - 15:10

13:40 - 13:48

#### Cuff-tear arthropathy: An historical review of 19th Century sources

*Stig Brorson*

*Dept. of Orthopaedic Surgery, Zealand University Hospital, Køge, Denmark*

13:48 - 13:56

#### Are the clinical outcomes of the reverse total shoulder arthroplasty with an Episcopo procedure is maintained over the long term?

*Philippe Valenti Valenti, Leila Zanjani Zanjani, Jean David Werthel Werthel*

*Paris Shoulder Unit Clinique Bizet, Paris, France*

13:56 - 14:04

#### Reverse shoulder arthroplasty in patients with Os Acromiale: A matched case-control study

*Guilherme Carpegiani, Sandro Hodel, Sabrina Catanzaro, Sabine Wyss, Tobias Götschi, Dominik Meyer, Christian Gerber, Karl Wieser*

*Uniklinik Balgrist, Zurich, Switzerland*

14:04 - 14:12

#### Scapular notching is the main cause of late glenoid loosening: longitudinal follow-up of a cohort of 91 reverse total shoulder prostheses

*Luc Favard, Clement Spiry, Guillaume Bacle*

*University of Tours, Tours, France*

14:12 - 14:20

#### Individualizing humeral retroversion and subscapularis repair in reverse total shoulder arthroplasty: Do they affect the clinical outcomes?

*Tae Hun Kim, Joo Hyun Park, Sung Min Rhee, Joo Han Oh*

*Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam-Si, South Korea*

14:20 - 14:28

#### Difficulty in activities of daily living associated with internal rotation after reverse total shoulder arthroplasty

*Jung Youn Kim<sup>1</sup>, Yong Gurl Rhee<sup>2</sup>, Ho Yeon Jeong<sup>2</sup>, Kyung Han Ro<sup>2</sup>, Myung Seo Kim<sup>2</sup>, Jong Dae Kim<sup>2</sup>, Joo Han Oh<sup>3</sup>, Sung-Min Rhee<sup>3</sup>, Jae Chul Yoo<sup>4</sup>, Seung Yeop Lee<sup>4</sup>*

<sup>1</sup>.Department of Orthopaedic Surgery, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, South Korea

<sup>2</sup>.Shoulder & Elbow Clinic, Department of Orthopaedic Surgery, College of Medicine, Kyung Hee University, Seoul, South Korea

<sup>3</sup>.Department of Orthopaedic Surgery, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seongnam, South Korea

<sup>4</sup>.Department of Orthopaedic Surgery, Sungkyunkwan University College of Medicine, Samsung Medical Center, Seoul, South Korea

14:28 - 14:36

#### Revision reverse shoulder arthroplasty for a failed primary reverse prosthesis

*Eric Wagner, Mario Hevesi, Matthew T. Houdek, Robert H. Cofield, John W. Sperling, Joaquin Sanchez-Sotelo*

*Mayo Clinic, Rochester, United States*

14:36 - 14:44

#### Quantitative in vivo assessment of bone allograft viability using 18F Fluoride PET/CT after glenoid augmentation in reverse shoulder arthroplasty

*Reinhold Ortmaier<sup>1</sup>, Mohsen Beheshti<sup>2</sup>*

<sup>1</sup>. Department of Orthopedic Surgery, Ordensklinikum Barmherzige Schwestern Linz, Linz, Austria

<sup>2</sup>. Barmherzige Schwestern Linz, Linz, Austria

14:44 - 14:52

#### Outcomes of uncemented reverse shoulder arthroplasty for proximal humerus fractures compared to cemented stems

*Bradley Schoch<sup>1</sup>, William Aibinder<sup>2</sup>, Jordan Walters<sup>3</sup>, John Sperling<sup>4</sup>, Thomas Throckmorton<sup>3</sup>, Joaquin Sanchez-Sotelo<sup>4</sup>, Thomas Duquin<sup>5</sup>*

<sup>1</sup>. University of Florida, Gainesville, United States

<sup>2</sup>. Mayo Clinic, Rochester, United States

<sup>3</sup>. Campbell Clinic, Memphis, United States

<sup>4</sup>. Mayo, Rochester, United States

<sup>5</sup>. University of Buffalo, Buffalo, United States



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SCIENTIFIC PROGRAM

### SATURDAY, SEPTEMBER 22<sup>nd</sup>

14:52 - 15:00

**Results of reverse shoulder arthroplasty in revision cases after failed operative treatment of proximal humerus fractures: Does The Initial Treatment Influence The Outcome After Revision Arthroplasty?**

*Malte Holschen, Kai-Axel Witt, Jörn Steinbeck  
OPPK, Münster, Germany*

15:00 - 15:08

**How to estimate what will be the internal rotation 6 months after the implantation of a reverse prosthesis?**

*Luc Favard, Morgane Rol, Charles Agout, Julien Berhouet  
University of Tours, Tours, France*

#### SCIENTIFIC SESSION XIV

##### NEW TECHNIQUES, TIPS & TRICKS

*Chairs: Kerem Bilisel, Gregory Cunningham*

ROOM 1 • 15:15 - 16:15

15:15 - 15:23

**Comparison of clinical and radiographic outcomes: Vertical simple stitch versus modified Mason-Allen stitch in arthroscopic Bankart repairs - Prospective, randomized, controlled study- running title: modified m-a stitch in bankart repair**

*Jin-Young Park<sup>1</sup>, Seok-Won Chung<sup>2</sup>, Jae-Hyung Lee<sup>1</sup>, Kyung-Soo Oh<sup>2</sup>, Jong-Soo Lee<sup>1</sup>*

<sup>1</sup>. Neon Orthopaedic Clinic, Seoul, South Korea

<sup>2</sup>. Konkuk University School of Medicine, Seoul, South Korea

15:23 - 15:31

**Endoscopic Long Thoracic Nerve release for scapular winging**

*Christopher Chuinard<sup>1</sup>, Shota Hoshika<sup>2</sup>*

<sup>1</sup>. Great Lakes Orthopaedic Center, Traverse City, United States

<sup>2</sup>. Funabashi Orthopaedic Hospital, Funabashi, Japan

15:31 - 15:39

**Labral repair augmentation by labroplasty and simultaneous transsubscapular transposition of long head of biceps.**

*Oleg Nikolaevich Milenin*

*NMHC, Moscow, Russia*

15:39 - 15:47

**Arthroscopic anchored vs. anchorless transosseous rotator cuff repair: 2-year clinical outcomes**

*Uma Srikskumar<sup>1</sup>, Brendan Y Shi<sup>2</sup>, Casey Hannan<sup>1</sup>, Steve A Peterson<sup>1</sup>, Edward G McFarland<sup>1</sup>*

<sup>1</sup>. Johns Hopkins Hospital Department of Orthopaedic Surgery, Baltimore, United States

<sup>2</sup>. Johns Hopkins University School of Medicine, Baltimore, United States

15:47 - 15:55

**Optimum tension of bridging suture in trans-osseous equivalent rotator cuff repair - A clinical prospective randomized comparative study**

*Ji Soon Park<sup>1</sup>, Joo Hyun Park<sup>2</sup>, Sung Min Rhee<sup>2</sup>, Tae Hun Kim<sup>2</sup>, Joo Han Oh<sup>2</sup>*

<sup>1</sup>. Sheikh Khalifa Specialty Hospital, Ras Al Khaimah, United Arab Emirates

<sup>2</sup>. Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam-Si, South Korea

15:55 - 16:03

**Arthroscopic treatment of anterior shoulder instability using extracapsular stabilization technique, 2-9 years follow-Up**

*Roman Brzoska, Hubert Laprus, Adrian Blasiak, Wojciech Solecki  
St Luke's Hospital, Bielsko-Biala, Poland*

16:03 - 16:11

**Chronic sternoclavicular instability: Technique and results of corrective clavicular osteotomy**

*Stefanie Hirsiger, Anita Hasler, Philipp Fürnstahl, Christian Gerber  
University Hospital Balgrist, Zürich, Switzerland*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## INVITED KEYNOTE SPEAKERS



### SECEC 2018 GUEST LECTURE

Ijad Madisch, CEO at Researchgate, Berlin, Germany  
**ResearchGate - a crazy idea becomes a disruptive technology**

THURSDAY, SEPTEMBER 20  
12:15h - 12:45h > ROOM 1



### SECEC PRESIDENTIAL GUEST LECTURE

George Athwal, St. Joseph's Health Care, London, Ontario, Canada  
**The ABC's of Shoulder Arthritis**

FRIDAY, SEPTEMBER 21  
12:00h - 12:30h > ROOM 1



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## EUSSER SYMPOSIUM - SHOULDER AND ELBOW REHABILITATION FOCUS ON DEGENERATIVE PROBLEMS ACROSS DIFFERENT LIFESPANS

FRIDAY, SEPTEMBER 21<sup>ST</sup>



### WELCOME SPEECH

ROOM 4 · 14:15 - 14:20

Suzanne Gard – EUSSER President  
Roger Emery – SECEC Congress President

### KEYNOTE SESSION

ROOM 4 · 14:20 - 15:45

14:20-14:40 h

**The science of degeneration/What is degeneration?**

*Ben Dean*

14:40-14:55 h

**Non operative management and operative joint preservation techniques of the degenerative shoulder**

*Ali Noorani*

14:55-15:10 h

**Non-operative treatment of the degenerative shoulder - physiotherapy perspective**

*Andrew Cuff*

15:10-15:25 h

**Surgical options for degenerative shoulder (e.g. joint replacements, fusions)**

*Gregory Cunningham*

15:25-15:40 h

**Physiotherapy following surgical treatment**

*Bruno Santullo*

15:40-15:45 h

Panel discussion

**COFFEE BREAK**

15:45 - 16:15



### SCIENTIFIC PAPERS SESSION I

Moderators: Professor Nicole Pouliart, Belgium (SECEC)  
Marco Conti, Italy (EUSSER)

ROOM 4 · 16:15 - 17:20

16:15 – 16:28

**Best Allied Health Professional Paper at the British Elbow & Shoulder Society Conference 2017: The role of pain sensitisation in young adults with shoulder pain**

*M Clarke, C Gilsenan, H Mullett and C Doody (UK)*

16:28 - 16:33

**The purpose and philosophy of the EUSSER Junior Research Award and collaboration with JOSPT**

*Yasmaine Karel, PhD, Physiotherapist, Chair Scientific Committee of EUSSER*

*Clare Ardern, MD, Editor-in-Chief of the Journal of Orthopaedic and Sports Physical Therapy, JOSPT*

16:33 – 16:46

**EUSSER-JOSPT Junior Researcher Award**

**Is thoracic spine posture associated with shoulder pain, range of motion and function? A systematic review**

*Eva Barrett, Mary O'Keeffe, Kieran O'Sullivan, Jeremy Lewis, Karen McCreesh*

16:46 – 16:59

**EUSSER-JOSPT Junior Researcher Award**

**Analysis of shoulder compressive and shear forces during functional activities of daily life**

*Christian Klemt, Joe A. Prinold, Sharon Morgans, Samuel H. L. Smith, Daniel Nolte, Peter Reilly, Anthony M. J. Bull*

16:59 – 17:12

**EUSSER-JOSPT Junior Researcher Award**

**Central Pain Processing, Psychosocial and Lifestyle Factors as potential Moderators for Outcome after Rotator Cuff Repair: A Study Design for a Prospective Longitudinal Cohort Study**

*Ariane Schwank, Filip Struyf, David Gisi, Markus Pisan, Mira Meeus*

16:12 – 17:20

**Public voting EUSSER – JOSPT Junior Research Award**

*Yasmaine Karel*

### KEYNOTE SPEAKER

ROOM 4 · 17:20 - 17:45

**Implementing EBP in shoulder pain: The case for a pan-European clinical practice guideline**

*Karen McCreesh*





GENEVA 2018 · SWITZERLAND · SEPTEMBER 19-22

### EUSSER SYMPOSIUM - SHOULDER AND ELBOW REHABILITATION FOCUS ON DEGENERATIVE PROBLEMS ACROSS DIFFERENT LIFESPANS

SATURDAY, SEPTEMBER 22<sup>nd</sup>



#### EARLY SESSION SPONSORED

ROOM 3 08:00 - 08:50

**REHUB: The digital support to Physical Rehabilitation empowering patient's adherence**

#### KEYNOTE SESSION

ROOM 4 · 09:00 - 09:20

**Pathologies of the elbow**  
*Yasmine Karel*

#### SCIENTIFIC PAPERS SESSION II

*Moderators: Bernard Jost, Switzerland (SECEC) and Ingrid Hulthenheim Klintberg, Sweden (EUSSER)*

ROOM 4 · 09:30 - 10:30

9:30 – 9:43

**The Elasticity Of The Supraspinatus Tendon During Rehabilitation Exercises Following Arthroscopic Rotator Cuff Repair: A Quantitative Assessment Using Ultrasound Elastography**

*Hiroaki Ishikawa, Takayuki Muraki, Masataka Hori, Nobuyuki Yamamoto, Eiji Itoi, Shin-Ichi Izum Japan*

9:43 – 9:56

**Incidence And How To Predict The Development Of A Postoperative Stiff Painful Shoulder**

*Simon Bell, Jennifer Coghlan, Nathaniel Hiscock Australia*

9:56 – 10:09

**The Impact Of Formal Versus Informal Rehabilitation On Improvement After Primary RTSA For Rotator Cuff Deficient Arthritis**

*Howard D Routman, John Hinson, Chris Roche, Ryan W Simovitch US*

10:09- 10:22

**Best Allied Health Professional Paper at the British Elbow & Shoulder Society Conference 2018: Management of Atraumatic Shoulder Instability – Updated Results of a Structured Physiotherapy Programme**

*Marcus Bateman, Sally Osborne & Benjamin E. Smith UK*

#### COFFEE BREAK

10:30 - 11:00



#### KEYNOTE SESSION · THE ELBOW

ROOM 4 · 11:00 - 12:00

11.00-12:00 h

**Lateral epicondylalgia (AKA tennis elbow) - what do we know so far?**

*Leanne Bisset*

12.00-12:20 h

**Surgical options for degenerative elbow joint**

*Carl Ekholm*

12.20-12:40 h

**Rehabilitation following elbow joint arthroplasty**

*Val Jones*

12.40-12:50 h

**Panel discussion**

#### LUNCH

12:50 - 13:50



#### AGM

ROOM 4 · 14:00 - 15:00

**EUSSER general assembly (all welcome, only members votes count)**



#### HANDS ON WORKSHOPS

ROOMS 3-4-15-16-18 · 15:00 - 17:30

15.00-17.30

**The SC joint +/- AC joint**

*Ian Horsley*

**Mobilisation techniques for the shoulder**

*Andrew Cuff*

**Mobilisation techniques for the elbow**

*Jelle Heisen*

**Rehabilitation for non-operable shoulders**

*Ingrid Hulthenheim*

**Rehabilitation of lateral epicondylalgia**

*Leanne Bisset*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### LUNCH WORKSHOPS (INDUSTRY SPONSORED)

THURSDAY, SEPTEMBER 20th

12.55-14.25 h

ROOM 2



ROOM 3



ROOM 4



ROOM 5



ROOM 6



ROOM 15



ROOM 18



FRIDAY, SEPTEMBER 21st

12.40-14.10 h

ROOM 3



ROOM 4



ROOM 5



ROOM 6



ROOM 15



ROOM 18





GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### LUNCH WORKSHOPS (INDUSTRY SPONSORED)

THURSDAY, SEPTEMBER 20th

12.55-14.25 h

ROOM 2



**REVERSE SHOULDER ARTHROPLASTY: CLINICAL INSIGHTS FROM THE EXPERTS**

**Moderator**

*Alessandro Castagna, MD, Italy*

**Reversing bearing surfacing in RSA: does it work?**

*Alessandro Castagna (Italy)*

**Complex glenoid reconstruction in RSA with bone grafting technique**

*Giuseppe Porcellini (Italy)*

**Stemless RSA: is it a reliable choice for primary?**

*Claudio Rosso (Switzerland)*

**ProMade: achieving clinical excellence in challenging situation**

*Ian Trail (United Kingdom)*

ROOM 3



**LATEST CLINICAL OUTCOMES IN SHOULDER ARTHROPLASTY WITH A CONVERTIBLE SYSTEM**

**Short Stems: info, intex, review on the latest results and experience sharing**

*Patric Raiss (Germany)*

**What do I do in case of lack of external rotation: humeral lateralization or latissimus dorsi transfer?**

*Philippe Collin (France)*

This symposium will update you with the AEQUALIS ASCEND™ FLEX convertible system and AEQUALIS™ PERFORM/PERFORM+ anatomic glenoid range latest outcomes based on recently published literature with solid scientific data

ROOM 4



**CUFF BIOLOGICS AND REGENERATION**

**Cuff regeneration with regenten**

*Desmond Bokor (Australia)*

**Ultracontact techniques**

*Emilio Calvo (Spain)*

**Cuff healing with healicoil and regenesorb**

*M. Iban (Spain)*

**Discussion**

ROOM 5



**MASSIVE ROTATOR CUFF TEARS – INTERACTIVE CASE PRESENTATION**

**Moderator**

*Laurent Lafosse (France)*

**Faculty**

*Jens Agneskirchner (Germany)*

*Giuseppe Porcellini (Italy)*

*Paolo Paladini (Italy)*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### LUNCH WORKSHOPS (INDUSTRY SPONSORED)

THURSDAY, SEPTEMBER 20th

12.55-14.25 h

ROOM 6



#### THE DIFFICULT PROXIMAL HUMERUS FRACTURE: OPERATIVE TREATMENT OPTIONS

##### Welcome

*Zimmer Biomet Institute*

**The results of a novel plate concept for proximal humerus fractures**

*Anders Ekelund (Sweden)*

**4-part fractures in the elderly: what do we do**

*Christian Gerber (Switzerland)*

**Questions & Answers**

*All*

**Close**

*All*

ROOM 15



#### PROXIMAL HUMERUS FRACTURE – THE ISSUE OF MEDIAL SUPPORT

##### Faculty

*Chlodwik Kirchhoff, Germany*

ROOM 18



#### 10 YEARS OF CLINICAL EXPERIENCE AFFINIS INVERSE

**Design and philosophy of Affinis Inverse**

*Georges Kohut, MD – Fribourg, Switzerland*

**Design and philosophy of Affinis Inverse**

*Georges Kohut, MD – Fribourg, Switzerland*

*Max Kääh, MD – Straubing, Germany*

**Clinical results of Affinis Inverse**

*Max Kääh, MD – Straubing, Germany*

**Clinical results of Affinis Fracture Inverse**

*Falk Reuther, MD – Berlin, Germany*

**REPP's for RTSA (Affinis Inverse) – which factors influence the outcome?**

*Jörg Huber, MD – Zürich, Switzerland*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

### LUNCH WORKSHOPS (INDUSTRY SPONSORED)

FRIDAY, SEPTEMBER 21st

12.40-14.10 h

ROOM 3



**3D PREOPERATIVE SOFTWARE - BLUEPRINT™: LEAD THE FUTURE OF SURGERY**

**Faculty**

*George Athwal (Canada)*

BLUEPRINT™ 3D Planning software automatically creates the virtual implantation environment, enabling convenient planning without the wait. Optional guide ordering directly in the software enables BLUEPRINT™ to be used as an everyday planning tool

ROOM 4



**SECEC LUNCH WORKSHOP: BONE LOSS**

**Moderator**

*Jens Agneskirchner (Germany)*

**Why arthroscopic Latarjet**

*Pascal Boileau (France)*

**Why bone block**

*Ettore Taverna (Italy)*

**Why bankart and remplissage**

*Andrew Wallace (United Kingdom)*

**Discussion**

ROOM 5



**MEDACTA SHOULDER SYSTEM**

**Medacta Shoulder System Design Rationale**

*Ralph Hertel (Switzerland)*

**Preliminary clinical experience:**

**Moderators**

*Bernhard Jost (Switzerland)*

*St. Gallen (Switzerland)*

**Faculty's cases presentations**

*Dr. Wade Harper (Sydney - Australia)*

*Prof. Peter Müller (Munich - Germany)*

*Prof. Matthew Saltzman (Chicago, IL - USA)*

*Dr. Anup Shah (Houston, TX - USA)*

*Prof. Matthias Zumstein (Bern - Switzerland)*

**Conclusions**

ROOM 6



**ARTHROSCOPIC TREATMENT OF SHOULDER INJURIES – ROTATOR CUFF REPAIR AND BICEPS INJURIES**

**Moderator**

*Alessandro Castagna (Italy)*

**Faculty**

*Raúl Barco (Spain)*

*Paolo Paladini (Italy)*

*Hannan Mullett (Ireland)*

GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## LUNCH WORKSHOPS (INDUSTRY SPONSORED)

FRIDAY, SEPTEMBER 21st

12.40-14.10 h

ROOM 15

**MANAGEMENT OF DISPLACED MEDIAL CLAVICLE FRACTURES****Faculty***Graham Tytherleigh-Strong (United Kingdom)*

ROOM 18

**PATIENT SPECIFIC PLANNING TOOLS FOR SHOULDER ARTHROPLASTY /  
INNOVATION IN REVERSE ARTHROPLASTY FOR FRACTURES****Moderators***Anders Ekelund (Sweden)**Carlos Torrens (Spain)***Reverse shoulder arthroplasty with dedicated fracture implants***Carlos Torrens (Spain)***Patient specific instruments and pre-op planning for shoulder arthroplasty***Anders Ekelund (Sweden)*



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



### Acumed LLC

5885 NW Cornelius Pass Rd  
Hillsboro, OR 97124  
USA  
Tel: (888) 627-9957  
[www.acumed.net](http://www.acumed.net)

A world leader in orthopedic solutions, Acumed® remains committed to the Collective Outcome – successful procedures for the patient, surgeon and hospital. Setting new standards in manufacturing while introducing some of the most innovative tools in healthcare, Acumed designs every product with the single goal of advancing an entire me-



### ARC Korea Co.

#601 6F Postechno, 165, Sunhwan-ro, Jungwon-gu,  
Seongnam-si, Gyeonggi-do, 13207, Korea  
Phone: +82 2 3411 2999  
Fax: +82 2 6442 4103  
[info@arc-korea.co.kr](mailto:info@arc-korea.co.kr)  
[www.arc-korea.com](http://www.arc-korea.com)

ARC Korea Co., Ltd. is a medical device manufacturer which produces all suture anchor and bioabsorbable implant for orthopedics. Not only is our manufacturing technique unique and valuable in Korea but also our product is special. We have patent and product approval from MFDS for the first. Our attitude is sincere when we research and develop product. We will provide high quality product and technique.



### Arthrex GmbH

Erwin-Hielscher-Str. 9  
81249 München  
+49 89 90900 50  
[info@arthrex.de](mailto:info@arthrex.de)  
[www.arthrex.com](http://www.arthrex.com)

Arthrex is a global medical device company and leader in new product development and medical education in orthopedics. With a corporate mission of Helping Surgeons Treat Their Patients Better, Arthrex has pioneered the field of arthroscopy and developed more than 11,000 innovative products and surgical procedures to advance minimally invasive orthopedics worldwide. Our product range comprises electronic equipment for arthroscopy, reconstruction instruments and implants for sports medicine and traumatology, joint prosthetics, and orthobiologic products.



### Arthrosurface

28 Forge Parkway  
Franklin, MA 02038, USA  
Tel: 508-520-3003  
[contact@arthrosurface.com](mailto:contact@arthrosurface.com)  
[www.arthrosurface.com](http://www.arthrosurface.com)

Arthrosurface, Inc. is a global orthopedic medical technology business which specializes in providing solutions related to upper and lower extremity conditions specific to osteoarthritis caused by trauma, injury and progressive arthritic disease. Our product innovations are bone preserving systems which include implants, instruments and orthobiologics which allow patients to return to an active lifestyle with little to no restrictions. We offer a variety of unique joint preservation systems that provide less invasive, bone sparing technologies that are used for shoulder, hand/wrist, knee and foot/ankle joint conditions. Founded in 2002, Arthrosurface markets and distributes its products in the US and around the world and has succeeded in helping patients return to activity for over 15 years. For more information, please go to our website at [www.arthrosurface.com](http://www.arthrosurface.com). #stayactive



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



**ASTON Medical**  
19 Rue Victor Grignard  
42000 Saint Etienne  
France  
Tel: +33 4 77 93 00 04  
Fax: +33 4 77 74 35 93  
info@aston-medical.com  
[www.aston-medical-com](http://www.aston-medical-com)

ASTON MEDICAL is specialized since 1998, in designing, manufacturing and distributing innovative implants for lower and superior limb. For upper limb, ASTON promotes the Duocentric system for the shoulder and the Evolutive radial head for the elbow. Duocentric range offers a large choice to the shoulder surgeons with patient specific template Personal Fit®, Duocentric® reversed, trauma, total anatomic resurfacing with its fully buried glenoid component. At the congress, 2 posters will be presented:

- Evaluation of "Duocentric Expert Reversed" Total Shoulder Prosthesis in primary surgery
- Personal Fit Templates and Reverse Total Shoulder Arthroplasty (RTSA)

We are looking forward to welcome you.



**DePuy Synthes**  
Luzernstrasse 21,  
4528 Zuchwil, Switzerland  
[www.depuysynthes.com](http://www.depuysynthes.com)

DePuy Synthes Companies of Johnson & Johnson provides one of the most comprehensive portfolios of orthopedic and neurological solutions in the world. DePuy Synthes Companies solutions, in specialties including joint reconstruction, trauma, neurological, craniomaxillofacial, spinal surgery and sports medicine, are designed to advance patient care while delivering clinical and economic value to health care systems worldwide. For more information, visit [www.depuysynthes.com](http://www.depuysynthes.com).



**ConMed Deutschland GmbH**  
Frankfurter Straße 74  
64521 Gross-Gerau  
Germany  
Phone: 0032 2 526 05 60  
[MariaLoSchiavo@conmed.com](mailto:MariaLoSchiavo@conmed.com)  
[www.conmed.com](http://www.conmed.com)

CONMED is a global medical technology company that specializes in surgical and patient monitoring products and services. These technologies enable our physician customers to deliver high quality care and as a result, enhance clinical outcomes for their patients. With products that are recognized as technological leaders by the specialties they serve, healthcare professionals within the Orthopedic, Laparoscopic, Robotic & Open Surgery, Gastroenterology & Pulmonology and Cardiology & Critical Care specialties have come to value the CONMED name across the world.



**De Soutter Medical Ltd**  
Halton Brook Business Park  
Weston Road, Aston Clinton  
Aylesbury HP22 5WF  
United Kingdom  
Phone: +44 (0) 1296 634000  
Fax: +44 (0) 1296 634033  
[info@de-soutter.com](mailto:info@de-soutter.com)  
<http://www.de-soutter.com>

Founded in 1990, De Soutter Medical is a leading European manufacturer of surgical power tools. Our goal is to develop and produce advanced surgical cutting solutions for a rapidly changing global healthcare market. De Soutter Medical produces first class, cost effective surgical power tools. Through continuous product research and development, we are developing new technologies and expanding our intellectual property portfolio. This ensures that we remain at the cutting edge of the medical power tool market, and respond directly to our customers' needs.





GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



### DJO Surgical

9800 Metric Blvd

Austin, TX 78758

Phone: +1 (0) 512-832-9500 Weekdays, 7:30AM-6:00PM CST

Fax: +1 (0) 512-834-6300

[CustomerService@DJOSurgical.com](mailto:CustomerService@DJOSurgical.com)

[www.djoglobal.com/our-brands/djo-surgical](http://www.djoglobal.com/our-brands/djo-surgical)

Driven by DJO's desire to create high-end products that improve quality of life and restore movement to those with degenerative arthritic disease damage, DJO Surgical is able to provide orthopedic surgeons a high-end, patient focused solution for total shoulder arthroplasty. DJO Surgical partners with key consulting surgeons to provide focused innovative and proprietary patent devices, such as the Reverse® Shoulder Prosthesis and Altivate Shoulder Reverse prosthesis. As an industry



### Exactech

Weltpoststrasse 5

3015 Bern

Switzerland

+41 31 300 35 20

[eio@exac.com](mailto:eio@exac.com)

[www.exac.com](http://www.exac.com)

Exactech develops and produces bone and joint restoration products that help surgeons worldwide make patients more mobile. Since 1985, Exactech has looked at clinical challenges through the eyes of a surgeon, because it was founded by one. With global headquarters in Gainesville, Fla., Exactech manufactures innovative solutions that improve patient outcomes for hip, knee and shoulder surgery and distributes in more than 30 markets, including Europe, the United States, Latin America, Asia and the Pacific. For more information, please visit [www.exac.com](http://www.exac.com).



### Group FH Ortho

3 rue de la Forêt

68990 Heimsbrunn

Phone: +33 3 89 81 90 92

Fax: + 33 3 89 81 80 11

[orthopedie@fhorthopedics.fr](mailto:orthopedie@fhorthopedics.fr)

[www.groupfhortho.com](http://www.groupfhortho.com)

Group FH Ortho is renowned for its innovative products and surgical techniques, which stem from collaborations with leading orthopaedic surgeons in France and throughout the world. Today, Group FH ORTHO offers a full range of orthopaedic implants: hip, knee, shoulder, cruciate ligament repair, forefoot, hindfoot and spine.



### FX SOLUTIONS

1663 Rue De Majornas

01440 Viriat

France

Phone: +33(0)474553555

Fax: +33(0)474524401

[info@fxsolutions.fr](mailto:info@fxsolutions.fr)

[www.fxsolutions.fr](http://www.fxsolutions.fr)

FX Solutions is an innovative French company specialized in the design, manufacturing and distribution of shoulder prosthesis, dedicated to improving patient outcomes during orthopedic surgical procedures in shoulder surgeries. In order to provide the most efficient solutions for difficult surgical procedures, WE LISTEN TO SURGEONS, paying close attention to detail, and analyzing new possibilities to solve problems that surgeons encounter.

In this way, BY LISTENING TO SURGEONS, FX Solutions can design and develop new implants, instruments, and surgical techniques best suited to solving everyday problems encountered by orthopedic shoulder surgeons in treating shoulder trauma and degenerative pathologies.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



### Innovative Design Orthopaedics Limited

6 Brewery Court, High Street  
Theale, Reading, Berkshire RG7 5AJ United Kingdom  
Phone: +44 (0)330 202 0840  
Fax: +44 (0)330 202 0841  
[info@idorth.com](mailto:info@idorth.com)  
[www.idorth.com](http://www.idorth.com)

IDO is a dynamic and innovative orthopaedic device company that collaborates closely with practicing orthopaedic surgeons in order to develop, design, and manufacture advanced, sophisticated and simple solutions. Our first unique and innovative shoulder implant called Verso® is a stemless reverse total shoulder prosthesis, already in use for over 11 years with hundreds of satisfied patients and excellent clinical and radiologic results. The Verso® also has a stemmed version for fractures and revisions, which benefits from the same unique advantages, design and simple yet sophisticated concept.

It's currently available and already in use in UK, France, Germany, Italy, Poland and Israel with Australia, Switzerland and Argentina where it will be launched soon.

We are working to introduce a range of valuable and practical orthopaedic products for clinical use throughout Europe and beyond, with significant added value for surgeons and their patients.



### Latour Medical Group

Hôpital de La Tour,  
Service communication,  
Avenue J.-D. Maillard 3,  
1217 Meyrin

A leading private hospital group in the canton of Geneva, the La Tour Medical Group is composed of the Hôpital de La Tour, the Clinique de Carouge and the Centre Médical de Meyrin. The Hôpital de La Tour is the only private establishment in French-speaking Switzerland offering an emergency department open 24/7, an intensive care unit, a dialysis centre and a neonatal department recognised as providing care for premature births from the 34th week of pregnancy. A pioneer in the use of many innovations and specialising in over 60 areas of medicine, the La Tour Medical Group deals with the hospitalisation of 7,000 patients every year, provides ambulatory care in 300,000 cases, including 40,000 emergencies, 5,800 surgical procedures and trains 40 doctors in 11 medical disciplines. It currently numbers 950 employees and 350 approved practising physicians.



### ITEC Medical BV

Institutenweg 25a  
7521 PH Enschede  
The Netherlands  
Tel. +31 85 773 53 50  
[info@itecmedical.com](mailto:info@itecmedical.com)  
[www.itecmedical.com](http://www.itecmedical.com)

ITEC Medical offers a unique, new, simple, safe, fast and standardized treatment for the most common orthopedic injury: the tennis elbow. ITEC Medical has invented and developed a unique apparatus, the ITEC-medical device, which can be operated by a standardized procedure with minimal risk. With the ITEC-medical device the specialist treats the exact site of the injured tennis elbow by a manual perforation and injection of the tendon by a small, specially designed, set of disposable needles, the ITEC-injection disposable.



### Limacorporate S.p.A.

Via Nazionale, 52  
33038 Villanova di San Daniele del Friuli (UD) - (ITALY)  
T: +39 0432 945 511  
F: +39 0432 945 512  
[info@limacorporate.com](mailto:info@limacorporate.com)  
[www.limacorporate.com](http://www.limacorporate.com)

LimaCorporate is a global medical device company providing reconstructive and custom-made Orthopaedic solutions to surgeons who face the challenges of improving the quality of life of their patients. Based in Italy, LimaCorporate is committed to the development of innovative products and procedures to enable surgeons to select ideal solution for every individual patient. LimaCorporate's product range includes large joint revision and primary implants and complete extremities solutions including fixation..



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



### Mathys Ltd Bettlach

Robert Mathys Strasse 5  
Postfach 2544 Bettlach  
Schweiz  
P: +41 32 644 1 644  
F: +41 32 644 1 161  
[info@mathysmedical.com](mailto:info@mathysmedical.com)  
[www.mathysmedical.com](http://www.mathysmedical.com)

The Swiss Orthopaedic family company founded in 1946 looks back on over 50 years of experience in medical technology. Since November 2003 Mathys concentrates on the development, production and distribution of joint replacement products for hip, knee and shoulder, synthetic bone graft substitutes and sport orthopaedics. Today, Mathys has 12 subsidiaries worldwide.

The Affinis Shoulder portfolio covers all areas of indication: Whether primary care, fracture or revision implants, the Affinis implants provide systematic solutions to orthopaedic challenges. Since the beginning of 2000, the portfolio has been continuously further developed, improved and expanded. Of course medical advances also influence our instruments.



### Medacta International

Strada Regina  
CH-6874 Castel San Pietro  
Switzerland  
Phone: +41 (91) 696 60 60  
Fax: +41 (91) 696 60 66  
[info@medacta.ch](mailto:info@medacta.ch)  
[www.medacta.com](http://www.medacta.com)

Medacta International is a Swiss company specializing in joint replacement, spine surgery, and sports medicine solutions. Medacta's revolutionary approach and responsible innovation have advanced the standard of care with AMIS® hip replacement, MyKnee®, MyShoulder® and MySpine® patient matched technology, and the M-ARS anatomic ACL reconstruction system. Medacta has grown dramatically by placing value on all aspects of the care experience through excellence in design, training, and sustainability.



### Materialise Medical

Technologielaan 15, 3001 Leuven, Belgium  
P: +32 16 39 66 11  
F: +32 16 39 66 00  
[medical@materialise.com](mailto:medical@materialise.com)  
[www.materialise.com/en/medical](http://www.materialise.com/en/medical)

Materialise Medical, which has pioneered many of the leading medical applications of 3D printing, enables researchers, engineers and clinicians to revolutionize innovative patient-specific treatment that helps improve and save lives. Materialise Medical's open and flexible platform of software and services, Materialise Mimics, forms the foundation of certified Medical 3D Printing, in clinical as well as research environments, offering virtual planning software tools, 3D-printed anatomical models, and patient-specific surgical guides and implants. For additional information, please visit: <https://www.materialise.com/en/medical>



### Medartis AG

Hochbergerstrasse 60E  
4057 Basel  
Switzerland  
+41 61 633 34 34  
+41 61 633 34 00  
[info@medartis.com](mailto:info@medartis.com)  
[www.medartis.com](http://www.medartis.com)

Medartis AG, headquartered in Basel, CH, specializes in high-precision implants for surgical fixation of bone fractures and osteotomies. We develop, manufacture and sell titanium screws and plates, surgical instruments and system solutions for fracture fixation, allowing reconstruction of fractures, malunions, deformities and adjacent soft tissues. With our motto "Precision in Fixation", we place highest priority on maintaining stringent quality standards, continuous development, innovation and comprehensive service for surgeons, OR staff and patients. This has formed the foundation of success since the company's establishing in 1997. Continuous improvement of early functional rehabilitation through high-quality products and unique technologies is our goal.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



### NCS Medical Devices

Via Pola Esterna, 4/11 41012 Carpi (MO) Italy  
<http://ncs-company.com/en/medical-devices/>

We develop and market products for the surgical and medical markets. We manufacture and market medical devices for healthcare and sports medicine, primarily focused on orthopaedics.

Our products are the result of close collaboration with specialists and technicians in the medical sector with the intention of meeting the practical and objective needs of the end user. We are focused on niches where the need has not been met, and where our inovators lead us to create innovative solutions.

Our recent inventions range from a diagnostic tool for enhancing rehabilitation and sports, to the design of implantable biomedical devices. Our recent focus has been on the development of techniques and tools for use in the arthroscopic and traumatological field.



### Parcus Medical™, LLC

6423 Parkland Drive  
Sarasota, FL USA 34243  
Phone: (941) 755-7965  
Fax: (941) 755-6543  
[customerservice@parcusmedical.com](mailto:customerservice@parcusmedical.com)  
[www.parcusmedical.com](http://www.parcusmedical.com)

Parcus Medical™ manufactures and distributes implants and instrumentation for soft tissue repair and ligament/tendon fixation. Parcus™ pioneered the use of PEEK CF for Sports Medicine implants and continues to expand its product line for both open and arthroscopic procedures. Decades of experience in design, manufacturing, and packaging, enable us to create comprehensive, minimally invasive solutions from the shoulder to foot. At Parcus, surgical innovation is customer-driven.



### Orthospace

Halamish 7  
Caesarea, Israel  
Phone: +972-4-6667330  
Fax: +972-4-6294928  
[info@orthospace.co.il](mailto:info@orthospace.co.il)  
<http://orthospace.co.il/>

Ortho-Space develops and commercializes simple-to-implant, biodegradable balloon systems for the orthopedic market.

The InSpace™ system has the CE mark since 2010, and is currently marketed in Europe and other territories, with more than 10,000 patients treated so far. The system is under IDE use as part of a pivotal study in the United States. InSpace™ is indicated for patients who suffer from rotator cuff injury, reducing shoulder pain and improving range of motion.



permedica  
ORTHOPAEDICS

Permedica S.p.A.  
Via Como, 38  
IT-23807 Merate (LC)  
Ph. +39 039 95.14.811  
Fax +39 039 99.03.078  
[www.permedica.com](http://www.permedica.com)  
[info@permedica.ch](mailto:info@permedica.ch)

Permedica S.p.A. has as its principal Mission in the designing, development, manufacturing and distribution of superior products (shoulder, hip, knee) and services to our customers. Quality, price and service are key elements that guarantee our company's dedication to constant improvement.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## SECEC SPONSORS



Smith & Nephew Orthopaedics AG

Oberneuhofstrasse 10d  
6340 Baar  
Switzerland  
[www.smith-nephew.com](http://www.smith-nephew.com)

Smith & Nephew supports healthcare professionals in more than 100 countries in their daily efforts to improve the lives of their patients. We do this by taking a pioneering approach to the design of our advanced medical products and services, by securing wider access to our diverse technologies for more customers globally, and by enabling better outcomes for patients and healthcare systems.

**We have leadership positions in:**

- Orthopaedics Reconstruction - joint replacement systems for knees, hips and shoulders
- Advanced Wound Management - wound care treatment and prevention products used to treat hard-to-heal wounds
- Sports Medicine - minimally invasive surgery of the joint
- Trauma & Extremities - products that help repair broken bones



WRIGHT

1023 Cherry Road  
Memphis, TN 38117  
Phone: + 1 800 238 7117 / + 1 901 867 9971  
[www.wright.com](http://www.wright.com)

As the Premier, High-Growth Extremities and Biologics Company, Wright Medical is uniquely positioned with leading technologies and specialized sales forces in three of the fastest growing areas of orthopaedics – Upper Extremities, Lower Extremities and Biologics. That leadership is further enhanced by one of the most comprehensive extremity and biologic product portfolios in the industry as well as strong platforms for future new product development. From new material technologies to advanced products and instrumentation, Wright is committed to delivering innovative, value-added solutions improving quality of life for patients worldwide. For more information regarding Wright, visit [www.wright.com](http://www.wright.com)



Zimmer GmbH

Sulzer Allee 8  
8404 Winterthur  
Switzerland  
[www.zimmer.com](http://www.zimmer.com)

Founded in 1927 and headquartered in Warsaw, Indiana, USA, Zimmer Biomet is a global leader in musculoskeletal healthcare. We design, manufacture and market orthopaedic reconstructive products; sports medicine, biologics, extremities and trauma products; spine, bone healing, craniomaxillofacial and thoracic products; dental implants; and related surgical products.

We collaborate with healthcare professionals around the globe to advance the pace of innovation. Our products and solutions help treat patients suffering from disorders of, or injuries to, bones, joints or supporting soft tissues.

We have operations in more than 25 countries around the world and sell products in more than 100 countries.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## EUSSER SPONSORS



### Compex Professional

DJO Global Switzerland Sàrl  
Ch. du Dévent 7, ZI Large Pièces A,  
1024 Ecublens VD Switzerland  
[www.djoglobal.com](http://www.djoglobal.com)

Compex being the technological leader in neuromuscular stimulators is specialized in delivering user-friendly devices for an effective and convenient medical therapy at home either in rent or buy.

The specified frequencies programmed in the devices allow a targeted and efficient treatment according to the pathology of the patient for an optimized and timely recovery.



### DUAL SANITALY S.p.A.

Via Giuseppe Di Vittorio 15  
10024 Moncalieri (TO) - ITALY  
Phone: 0039 011 6818411  
Fax: 0039 011 6818445  
Email: [info@dualsanitaly.it](mailto:info@dualsanitaly.it)  
[www.ekeepitalia.com](http://www.ekeepitalia.com)

Dual Sanitaly S.p.A., a family company, has been producing orthopedic products since 1949.

We propose an innovative line of braces named eKeep®. An all-Italian adventure that started with the creation of the S2 Shoulder Stabilizer®, a product unique in the field of orthotics, the first brace for the prevention of dislocation of the shoulder that controls rather than impedes movement.

The other brace is K1 Posture Keeper® designed to achieve correct dynamic back strengthening. eKeep products are made with technical fabrics acquired from the sporting world have opened up new potential uses that are lacking in other fabrics.



### DyCare

C/Llacuna 162,  
08018 Barcelona (Spain)  
Tel. +34 935520029  
[www.dycare.com](http://www.dycare.com)  
[info@dycare.com](mailto:info@dycare.com)

DyCare designs wearable sensors solutions that revolutionize the rehabilitation process.

We innovate in physical rehabilitation with medical devices so that physiotherapists, physicians and orthopedic surgeons improve the diagnosis, monitoring and evaluation of the mobility disorders of their patients.



### Journal of Orthopaedic & Sports Physical Therapy® (JOSPT®)

1033 N Fairfax St, Ste 304  
Alexandria, VA 22314-1540  
877-766-3450 or +1-571-312-8545  
Fax: +1-703-891-9065  
[jospt@jospt.org](mailto:jospt@jospt.org)  
[www.jospt.org](http://www.jospt.org)

Scientifically rigorous, clinically relevant content for physical therapists and others in the health care community to advance musculoskeletal and sports-related practice globally. Published monthly in print and online. 37,000 individual and institutional subscribers, with website sessions approaching 120,000 per month. Available in PDF and full-text formats; videos and other supplementary materials accompany selected articles; seamless delivery to mobile devices including tablets and smartphones. Peer reviewed and indexed in PubMed/Medline and CINAHL. The official journal of the Orthopaedic and Sports Physical Therapy Sections of the American Physical Therapy Association and a recognized journal of 37 professional organizations in 27 countries.



GENEVA 2018 • SWITZERLAND • SEPTEMBER 19-22

## EUSSER SPONSORS



**Latour Medical Group**  
Hôpital de La Tour,  
Service communication,  
Avenue J.-D. Maillard 3,  
1217 Meyrin

A leading private hospital group in the canton of Geneva, the La Tour Medical Group is composed of the Hôpital de La Tour, the Clinique de Carouge and the Centre Médical de Meyrin. The Hôpital de La Tour is the only private establishment in French-speaking Switzerland offering an emergency department open 24/7, an intensive care unit, a dialysis centre and a neonatal department recognised as providing care for premature births from the 34th week of pregnancy. A pioneer in the use of many innovations and specialising in over 60 areas of medicine, the La Tour Medical Group deals with the hospitalisation of 7,000 patients every year, provides ambulatory care in 300,000 cases, including 40,000 emergencies, 5,800 surgical procedures and trains 40 doctors in 11 medical disciplines. It currently numbers 950 employees and 350 approved practising physicians.

Its integrated health care offering is structured in such a manner as to ensure the co-ordinated, personalised care of patients and provision of service to their relatives within the framework of the following competencies:

- orthopaedics and sports medicine
- cancer
- metabolism and obesity
- internal medicine
- cardiology
- women's and children's health



**Medidor**  
Medidor AG  
SISSEL® Schweiz  
Eichacherstrasse 5  
8904 Aesch ZH  
[www.medidor.ch](http://www.medidor.ch)  
[mail@medidor.ch](mailto:mail@medidor.ch)



[WWW.SECEC.ORG](http://WWW.SECEC.ORG)