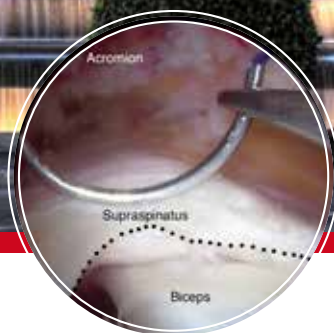
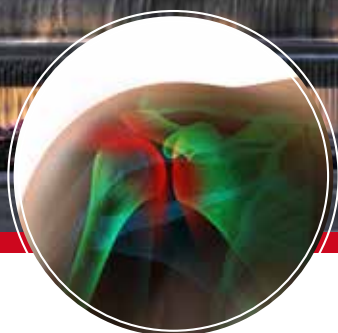


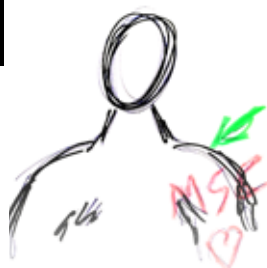


# 2nd madrid shoulder course

MADRID - October 18-19, 2018



**Chairmen:** Samuel Antuña · Emilio Calvo · Fernando Marco



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



“The **Madrid Shoulder Course 2018, Madrid, Spain, 18/10/2018-19/10/2018** has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **14** European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.”

“Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at [www.ama-assn.org/education/earn-credit-participation-international-activities](http://www.ama-assn.org/education/earn-credit-participation-international-activities).

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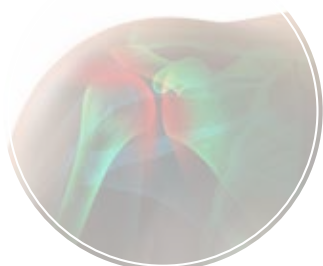
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## General information

### Dates

October 18-19, 2018

### Chairmen



**Samuel Antuña**  
(Spain)



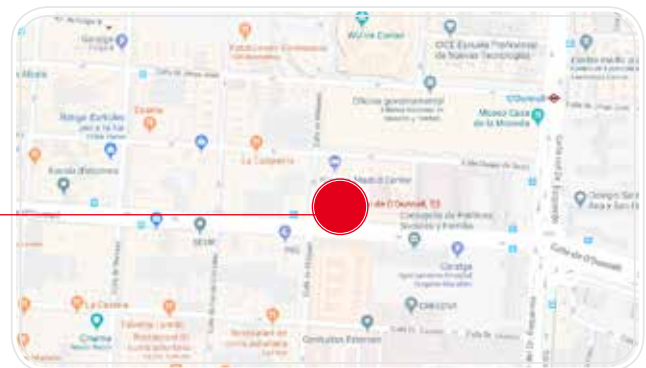
**Emilio Calvo**  
(Spain)



**Fernando Marco**  
(Spain)

### Venue

Novotel Madrid Center  
Calle O'Donnell, 53, 28009 Madrid



### Registration fees

	Before September 15th	After September 15th
Standard	560€	Standard 610€
Trainee	310€	Trainee 360€
VAT included		

### Website

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

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## FACULTY



**Samuel Antuña**  
(Spain)



**Anders Ekelund**  
(Sweden)



**Joaquín Sánchez Sotelo**  
(USA)



**Raul Barco**  
(Spain)



**Antonio Foruria**  
(Spain)



**Carles Torrens**  
(Spain)



**Juan Bruguera**  
(Spain)



**Carlos García Fernández**  
(Spain)



**María Valencia**  
(Spain)



**Emilio Calvo**  
(Spain)



**Alexandre Laederman**  
(Switzerland)



**Philippe Valenti**  
(France)



**Alessandro Castagna**  
(Italy)



**Yaiza López**  
(Spain)



**Gilles Walch**  
(France)



**Juan de la Cerda**  
(Spain)



**Fernando Marco**  
(Spain)



**Joseph D. Zuckerman**  
(USA)



**Jorge De las Heras**  
(Spain)



**Pietro Randelli**  
(Italy)





# 2nd madrid shoulder course



MADRID - October 18-19, 2018

## PROGRAM AT A GLANCE Thursday October 18th

08:00 - 08:40 h  
**BASICS IN SHOULDER  
ARTHROPLASTY**

08:40 - 09:25 h  
**ANATOMIC  
SHOULDER ARTHROPLASTY**

09:25 - 09:45 h  
**RE-LIVE  
SURGERY**

09:45 - 10:15 h **Coffee Break: Discussion with Experts**

10:15 - 10:55 h  
**PROBLEMS AFTER ANATOMIC  
SHOULDER ARTHROPLASTY**

10:55 - 11:40 h  
**REVERSE SHOULDER  
ARTHROPLASTY**

11:40 - 11:55 h  
**WHAT WOULD YOU DO -  
CASE BASED EXPERT DEBATE?**

11:55 - 12:35 h  
**WHEN THINGS GO WRONG  
OR ARE DIFFICULT**

12:35 - 12:50 h  
**WHAT WOULD YOU DO  
CASE BASED EXPERT DEBATE?**

12:50 - 01:00 h  
**FIVE STARS  
RE-LIVE SURGERY**

01:00 - 02:30 h **Lunch-Workshops**

02:30 - 03:20 h  
**ACUTE PROXIMAL HUMERUS  
FRACTURES (PHF)**

03:20 - 03:30 h  
**WHAT WOULD YOU DO  
CASE BASED EXPERT DEBATE?**

03:30 - 03:50 h  
**FIVE STARS  
RE-LIVE SURGERY**

03:50 - 04:10 h **Coffee with the Industry**

04:10 - 05:00 h  
**PROBLEMS AFTER PHF**

05:00 - 06:00 h  
**SPECIAL SITUATIONS IN  
GLENOHUMERAL TRAUMA**



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## PROGRAM AT A GLANCE

### Friday October 19th

08:00 - 09:00 h  
THE CLAVICLE AND ACJ INJURIES

09:00 - 09:15 h  
DISTAL THIRD CLAVICLE FRACTURE:  
A CASE BASED APPROACH

09:15 - 09:30 h  
FIVE STARS  
RE-LIVE SURGERY

09:30 - 10:10 h Coffee and chat with experts

10:00 - 11:00 h  
SUBACROMIAL PROBLEMS  
AND ROTATOR CUFF TEARS I

11:00 - 12:30 h  
SUBACROMIAL PROBLEMS  
AND ROTATOR CUFF TEARS II

12:30 - 14:00 h Lunch-Workshops

02:00 - 03:00 h  
THE CHALLENGING  
ROTATOR CUFF TEAR

03:00 - 04:10 h  
BONY MEDIATED  
SHOULDER INSTABILITY

04:10 - 04:30 h  
WHAT WOULD YOU DO  
CASE BASED EXPERT DEBATE?

04:30 - 04:50 h Last coffee & science

04:50 - 05:10 h  
HOW TO VIDEO

05:10 - 06:20 h  
THE CHALLENGING  
UNSTABLE SHOULDER

06:20 - 06:35 h  
FIVE STAR RE-LIVE



# 2nd madrid shoulder course



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## SCIENTIFIC PROGRAM · Thursday October 18th

07:45 h	Welcome Address	10:35 h	Is revision of anatomic to reverse shoulder arthroplasty a fact? <b>Juan Bruguera</b>
08:00 - 08:40 h	<b>BASICS IN SHOULDER ARTHROPLASTY</b> <b>Anders Ekelund, Juan de la Cerda</b>	10:45 h	Questions
08:00 h	Biomechanics of reverse shoulder arthroplasty <b>Joseph D. Zuckerman</b>	10:55 - 11:40 h	<b>REVERSE SHOULDER ARTHROPLASTY</b> <b>Alexandre Laederman, Raul Barco</b>
08:10 h	Humeral component: Shorter or stemless? <b>Samuel Antuña</b>	10:55 h	Analyzing the long-term outcome of RSA according to etiology <b>Gilles Walch</b>
08:20 h	Preoperative planning: Patient specific instrumentation versus Navigation <b>Raul Barco</b>	11:05 h	Addressing glenoid deformity and bone loss in RSA <b>Joseph D. Zuckerman</b>
08:30 h	Questions	11:15 h	Managing humeral bone loss in RSA <b>Joaquín Sánchez Sotelo</b>
08:40 - 09:25 h	<b>ANATOMIC SHOULDER ARTHROPLASTY</b> <b>Gilles Walch, María Valencia</b>	11:25 h	Questions
08:40 h	Keel, Peg, Cage or metal back glenoids: what should we use? <b>Joseph D. Zuckerman</b>	11:40 - 11:55 h	<b>WHAT WOULD YOU DO - CASE BASED EXPERT DEBATE?</b> Deformity and Bone loss in TSA <b>Gilles Walch, Joaquín Sánchez Sotelo, Joseph D. Zuckerman, Anders Ekelund</b> Moderator: <b>Samuel Antuña</b>
08:50 h	Managing glenohumeral arthritis in the young patient <b>Anders Ekelund</b>	11:55 - 12:35 h	<b>WHEN THINGS GO WRONG OR ARE DIFFICULT</b> <b>Joaquín Sánchez Sotelo, Emilio Calvo</b>
09:00 h	Resurfacing total shoulder arthroplasty: Is there still a Role? <b>Juan Bruguera</b>	11:55 h	Fractures around the stem <b>Carlos García Fernández</b>
09:10 h	Questions	12:05 h	The infected shoulder arthroplasty <b>Anders Ekelund</b>
09:25 - 09:45 h	<b>RE-LIVE SURGERY</b> Detailed glenoid approach and component implantation technique <b>Joaquín Sánchez Sotelo</b>	12:15 h	Salvage of failed reverse shoulder arthroplasty: Principles of treatment <b>Joseph D. Zuckerman</b>
09:45 - 10:15 h	<b>Coffee Break: Discussion with Experts</b>	12:25 h	Questions
10:15 - 10:55 h	<b>PROBLEMS AFTER ANATOMIC SHOULDER ARTHROPLASTY</b> <b>Joseph D. Zuckerman, Yaiza López</b>	12:35 - 12:50 h	<b>WHAT WOULD YOU DO - CASE BASED EXPERT DEBATE?</b> What went wrong with this RSA and how to solve it? <b>Alessandro Castagna, Alexandre Laederman, Pietro Randelli, Philippe Valenti</b> Moderator: <b>Fernando Marco</b>
10:15 h	Managing glenoid loosening after total shoulder arthroplasty <b>Gilles Walch</b>		
10:25 h	Dealing with instability after anatomic shoulder arthroplasty <b>Joaquín Sánchez Sotelo</b>		





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## SCIENTIFIC PROGRAM · Thursday October 18th

12:50 - 01:00 h **FIVE STARS RE-LIVE SURGERY**  
GPS guided Glenoid base plate implantation  
**Samuel Antuña**

01:00 - 02:30 h Lunch-Workshops



02:30 - 03:20 h **ACUTE PROXIMAL HUMERUS FRACTURES (PHF)**  
**Carlos García Fernández, Philippe Valenti**

02:30 h Understanding PHF:  
Is there really anything new?  
**Antonio Foruria**

02:40 h Key issues to decide treatment of PHF  
in elderly: Is conservative treatment an option?  
**Carles Torrens**

02:50 h Clear Indications for replacement:  
Is there still a role for HA?  
**Antonio Foruria**

03:00 h RSA for fractures:  
An easy procedure with good results?  
**Anders Ekelund**

03:10 h Questions

03:20 - 03:30 h **WHAT WOULD YOU DO  
CASE BASED EXPERT DEBATE?**  
How would you treat this PHF?  
**Juan Bruguera, Antonio Foruria,  
Fernando Marco, Carles Torrens**  
Moderator: **Emilio Calvo**

03:30 - 03:50 h **FIVE STARS RE-LIVE SURGERY**

03:30 h How to video: Step by step reduction and  
plate fixation of PHF  
**Antonio Foruria**

03:40 h How to video:  
Pearls and pitfalls of RSA for fractures.  
**Joaquín Sánchez Sotelo**

03:50 - 04:10 h Coffee with the Industry

04:10 - 05:00 h **PROBLEMS AFTER PHF**  
**Alessandro Castagna, Carles Torrens**

04:10 h Why did it go wrong? Mistakes in PHF fixation  
**Yaiza Lopiz**

04:20 h Dealing with nonunion and malunion after PHF  
**Emilio Calvo**

04:30 h Failure after HA for fractures: a huge problem  
**Anders Ekelund**

04:50 h Discussion

05:00 - 06:00 h **SPECIAL SITUATIONS IN GLENOHUMERAL  
TRAUMA**  
**Fernando Marco, Antonio Foruria**

05:10 h Role of arthroscopy in shoulder fractures  
and complications  
**Philippe Valenti**

05:20 h Locked dislocations: fracture and stability  
**Carles Torrens**

05:30 h Managing glenoid fractures leading  
to instability

**Carlos García Fernández**  
05:30 h Greater tuberosity: a simple fracture with  
complex complications  
**Alexandre Laederman**

05:40 h Questions



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## SCIENTIFIC PROGRAM · Friday October 19th

### 08:00 - 09:00 h **THE CLAVICLE AND ACJ INJURIES** **Juan de la Cerda, Emilio Calvo**

08:00 h Middle third clavicle fracture:  
are we fixing too many?  
**Jorge De las Heras**

08:10 h Clinically relevant malunion and nonunion of  
the clavicle  
**Yaiza Lopiz**

08:20 h Solving the dilemma:  
when & how should I reconstruct the  
ACJ acutely?  
**Alexandre Laederman**

08:30 h Chronic ACJ Dislocation: Biology & Stability  
**Fernando Marco**

08:40 h Sternoclavicular joint instability  
**Joaquín Sánchez Sotelo**

08:50 h Questions

### 09:00 - 09:15 h **DISTAL THIRD CLAVICLE FRACTURE: A CASE BASED APPROACH** **Alexandre Laederman, Fernando Marco, Juan de la Cerda, Pietro Randelli** Moderator: **Samuel Antuña**

### 09:15 - 09:30 h **FIVE STARS RE-LIVE SURGERY:** Ligamentoplasty for chronic ACJ dislocation **Philippe Valenti**

09:30 - 10:00 h Coffee and chat with experts

### 10:00 - 11:00 h **SUBACROMIAL PROBLEMS AND ROTATOR CUFF TEARS I** **Pietro Randelli, María Valencia**

10:00 h Subacromial impingement: Fact or fiction?  
**Carles Torrens**

10:10 h Biologics: The role of PRP and stem cells in  
RCT repair  
**Raul Barco**

10:20 h Calcifying tendinitis: A rationalized approach  
**Fernando Marco**

10:30 h Adhesive Capsulitis  
**Alexandre Laederman**

10:40 h Discussion

### 11:00 - 12:30 h **SUBACROMIAL PROBLEMS AND ROTATOR CUFF TEARS II** **Yaiza Lopiz, Carles Torrens**

11:00 h Natural history of RCT:  
What your patient must know  
**Juan Bruguera**

11:10 h Management of the partial thickness RCT:  
Debridement, takedown or repair  
**Alessandro Castagna**

11:20 h Meet the expert:  
Tips and tricks for subscapularis repair  
**Alexandre Laederman**

11:30 h Meet the expert:  
Tips and tricks for posterosuperior cuff repair  
**Alessandro Castagna**

11:40 h Tenotomy and tenodesis of the LHB:  
when, where and how?  
**Pietro Randelli**

11:50 h Musculotendinous rupture of the infraspinatus  
**Gilles Walch**

12:00 h Discussion

12:30 - 02:00 h Lunch & Workshops





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## SCIENTIFIC PROGRAM · Friday October 19th

### 02:00 - 03:00 h **THE CHALLENGING ROTATOR CUFF TEAR**

**Anders Ekelund, Jorge De las Heras**

02:00 h New solutions for the irreparable RCT:  
balloon

**Alessandro Castagna**

02:10 h New solutions for the irreparable RCT:  
superior capsular reconstruction

**Raul Barco**

02:20 h Tendon transfers for the irreparable RCT

**Philippe Valenti**

02:30 h When things go wrong: How to approach a  
patient with failed RCT repair?

**María Valencia**

02:40 h Discussion

### 03:00 - 04:10 h **BONY MEDIATED SHOULDER INSTABILITY**

**Gilles Walch, Joaquín Sánchez Sotelo**

03:00 h Understanding the concept of glenoid track

**Emilio Calvo**

03:10 h Soft tissue procedures are still the gold  
standard

**Alessandro Castagna**

03:20 h Arthroscopic Latarjet: Results

**María Valencia**

03:30 h Treatment of humeral head bone defects

**Pietro Randelli**

03:40 h Discussion

### 04:10 - 04:30 h **WHAT WOULD YOU DO CASE BASED EXPERT DEBATE**

How would you make this shoulder stable?

**Gilles Walch, Alessandro Castagna,**

**Pietro Randelli, Emilio Calvo**

Moderator: **Raul Barco**

04:30 - 04:50 h Last coffee & science

### 04:50 - 05:10 h **HOW TO VIDEO**

04:50 h A guided visit to a perfect open Latarjet

**Gilles Walch**

05:00 h A guided visit to a perfect arthroscopic Latarjet

**Philippe Valenti**

### 05:10 - 06:20 h **THE CHALLENGING UNSTABLE SHOULDER**

**Fernando Marco, Samuel Antuña**

05:10 h First time shoulder dislocation

**Pietro Randelli**

05:20 h Shoulder instability and capsular  
hiperlaxity

**Alessandro Castagna**

05:30 h Posterior shoulder instability

**María Valencia**

05:40 h Shoulder instability in the elderly

**Fernando Marco**

05:50 h When things go wrong:  
Postoperative instability

**Emilio Calvo**

06:00 h Discussion

### 06:20 - 06:35 h **FIVE STAR RE-LIVE**

**Arthroscopic Bankart and Hill-Sachs  
remplissage**

**Pietro Randelli**

### 06:35 h **CLOSING REMARKS AND ADJOURN**



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## Industry Workshops

THURSDAY OCTOBER 18TH · 01:00 - 02:30 H

### ROOM 1



#### OBSERVACIÓN QUIRÚRGICA Y EDUCACIÓN MÉDICA

- 13:00-13:10 Welcome  
Dr. Samuel Antuña
- 13:10-13:30 Design rationale  
Dr. Joseph D. Zuckerman
- 13:30-14:30 Introducing the ExactechGPS  
Shoulder System  
Dr. Joseph D. Zuckerman  
assisted by Dr. Samuel Antuña
- 14:30 Closing comments and adjourn

### ROOM 3



#### HAVE LUNCH AND MEET THE EXPERTS

- Trumatch Patient Specific Instruments &  
Pre Planning Tool – Early User Experience  
Dr. Anders Ekelund – St Goran's Hospital, Stockholm
- Global Unite Reverse Fracture Arthroplasty  
Design Rationale and Early User Experience  
Dr. Carlos Torrens – Hospital Del Mar, Barcelona

### ROOM 2



#### SYMPOSIUM AEQUALIS™ PERFORM™ REVERSED & BLUEPRINT™

- INVITED FACULTY  
Dr. Alexandre Laedermann - Geneva



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## FRIDAY OCTOBER 19TH · 12:30 - 02:00 H

### ROOM 1



#### SIDE EVENT: GLENOID BONE DEFECTS: TREATMENT OPTIONS FOR EACH PATIENT

- 12:30 Welcome
- 12:35 How to manage severe bone defects.  
Indications and patient selection  
Dr. Samuel Antuña – Hospital Universitario La Paz  
Madrid, Spain
- 12:50 Q&A
- 13:00 When is PSI (Patient Specific Instruments) or a VRS  
(Comprehensive® Vault Reconstruction System) the  
best option to be used  
Prof. Filippo Castoldi – Hospital San Luigi Gonzaga  
Orbassano (TO) Italy
- 13:25 Closure

### ROOM 2



#### LET'S TALK ABOUT SHOULDER: SCAPULAR DYSKINESIA

- Dr. José Luis Ávila Lafuente, Hospital MAZ, Zaragoza.
- Dr. Miguel García Navlet, Hospital ASEPEYO. Coslada, Madrid.
- Dr. Miguel Ángel Ruiz Ibán, Hospital Universitario Ramón y Cajal, Madrid.

### ROOM 3



#### SAFELY MANAGING REVISION SURGERY

Chairmen:  
Alessandro Castagna, Milan  
Fernando Marco, Madrid

Presentation  
Alessandro Castagna, Milan  
Fernando Marco, Madrid

Technical Steps to go from Anatomical to Reverse-Revising  
a Modular Component (Video & Comments)  
Alessandro Castagna, Milan

Technical Steps to go from Anatomical to Reverse-Revising  
a Non-Modular Component (Video & Comments)  
Fernando Marco, Madrid

Complex Revisión Surgery-Cased Based Discussion  
Alessandro Castagna, Milan  
Fernando Marco, Madrid

Closing Remarks  
Alessandro Castagna, Milan  
Fernando Marco, Madrid





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