



5th Madrid shoulder course

NOVEMBER 12 - 14 | 2026

Chairmen: Samuel Antuña · Emilio Calvo · Fernando Marco



www.madridshouldercourse.com



FINAL PROGRAM

Organized by



Patronage



SLARD





5th Madrid shoulder course

NOVEMBER 12 - 14 | 2026



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Welcome letter

Dear Colleagues,

It is our great pleasure to welcome you to the 5th edition of the Madrid Shoulder Course, taking place from November 12th to 14th, 2026.

This edition offers a highly scientific and comprehensive program focused on the latest advances in shoulder pathology, including arthroplasty, trauma, and arthroscopy. The course combines clinical case discussions, live surgeries, and cadaveric procedures, which are broadcast live to the main lecture hall. Our goal is to create a dynamic educational environment where cutting-edge knowledge and real-time surgical techniques come together to enrich the learning experience.

We are delighted to welcome around 300 delegates from all over the world, making this an exceptional opportunity to strengthen collaboration between shoulder surgeons and the orthopedic industry. Participating companies showcase their products through hands-on workshops, live surgery sessions, and cadaveric demonstrations, contributing to the exchange of knowledge and the advancement of shoulder surgery.

We are confident that the 5th Madrid Shoulder Course provides a valuable platform to share expertise, foster professional collaboration, and highlight the latest innovations in shoulder surgery. We hope you enjoy the scientific program and take full advantage of the opportunities this event offers to connect with colleagues and industry partners.

Thank you for being part of this important event. We wish you a fruitful and enjoyable experience in Madrid.

With kind regards,

The Organizing Committee



Samuel Antuña

Hospital Universitario La Paz



Emilio Calvo

Fundación Jiménez Díaz



Fernando Marco

Hospital Clínico San Carlos



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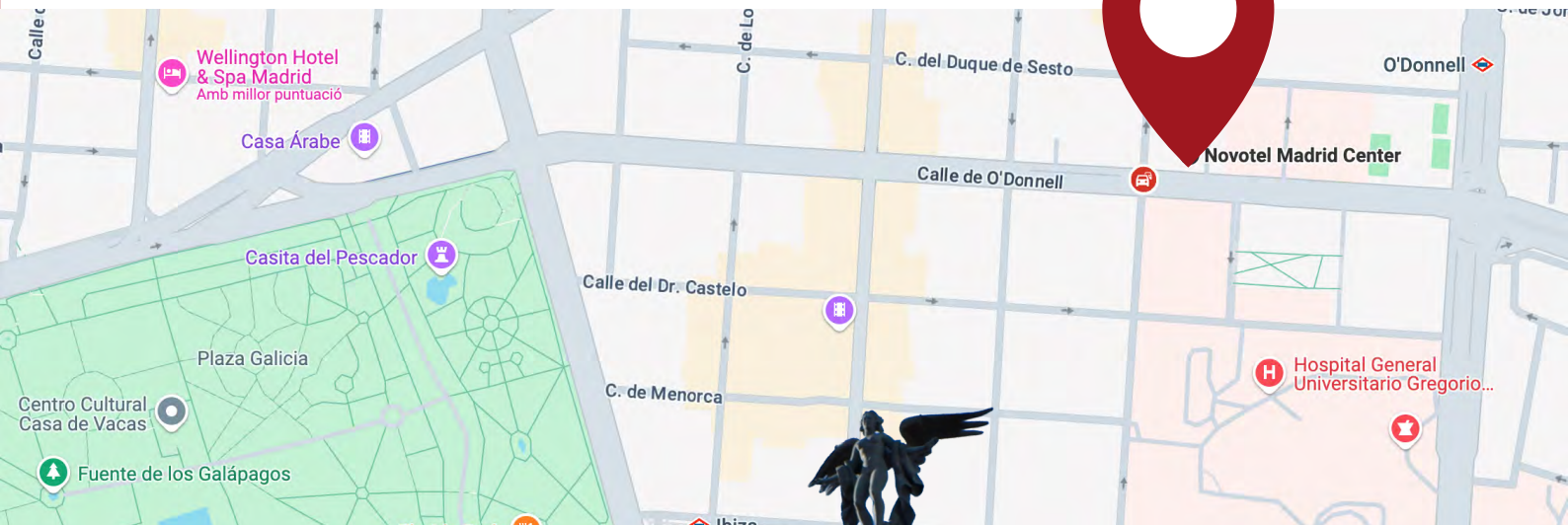
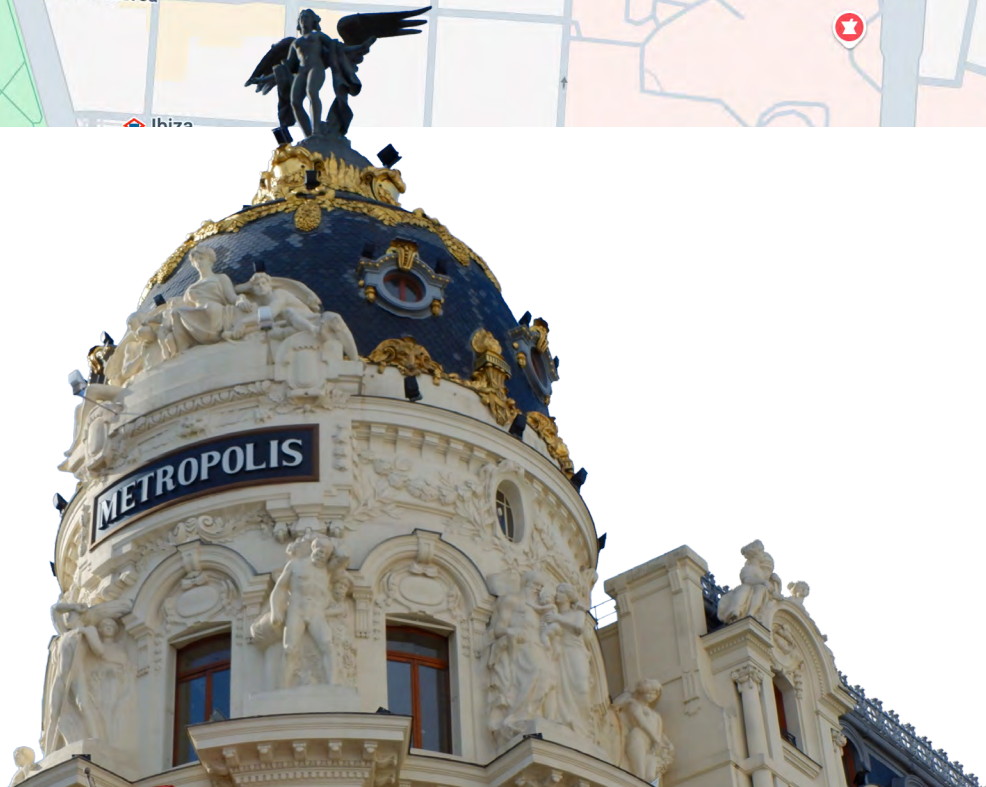
Venue

Venue

Novotel Madrid Center

Calle O'Donnell, 53, 28009 Madrid

[Website - click here](#)





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Registration fees

Registration fees

Before October 1st

Standard 725€

Trainee* 400€

Extra exhibitor badge** 200€

After October 1st

Standard 825€

Trainee* 450€

Extra exhibitor badge** 200€

**Trainees must present a document proving their current situation.*

***Only available for exhibitors & doesn't allow the entrance to the scientific sessions.*

21% Spanish VAT included

Website

www.madridshouldercourse.com

Main contact details

Technical Secretariat

TORRESPARDO
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General Information

REGISTRATION

Only through the Congress website
www.madridshouldercourse.com

Registration:

Opens: **February 1st, 2026**

Deadline early bird registration:

September 30th, 2026



WIRELESS INTERNET ACCESS

WiFi Internet access will be available
at the Congress

EXHIBITION

Access to the exhibition is free for
registered participants.

LUNCH AND REFRESHMENTS

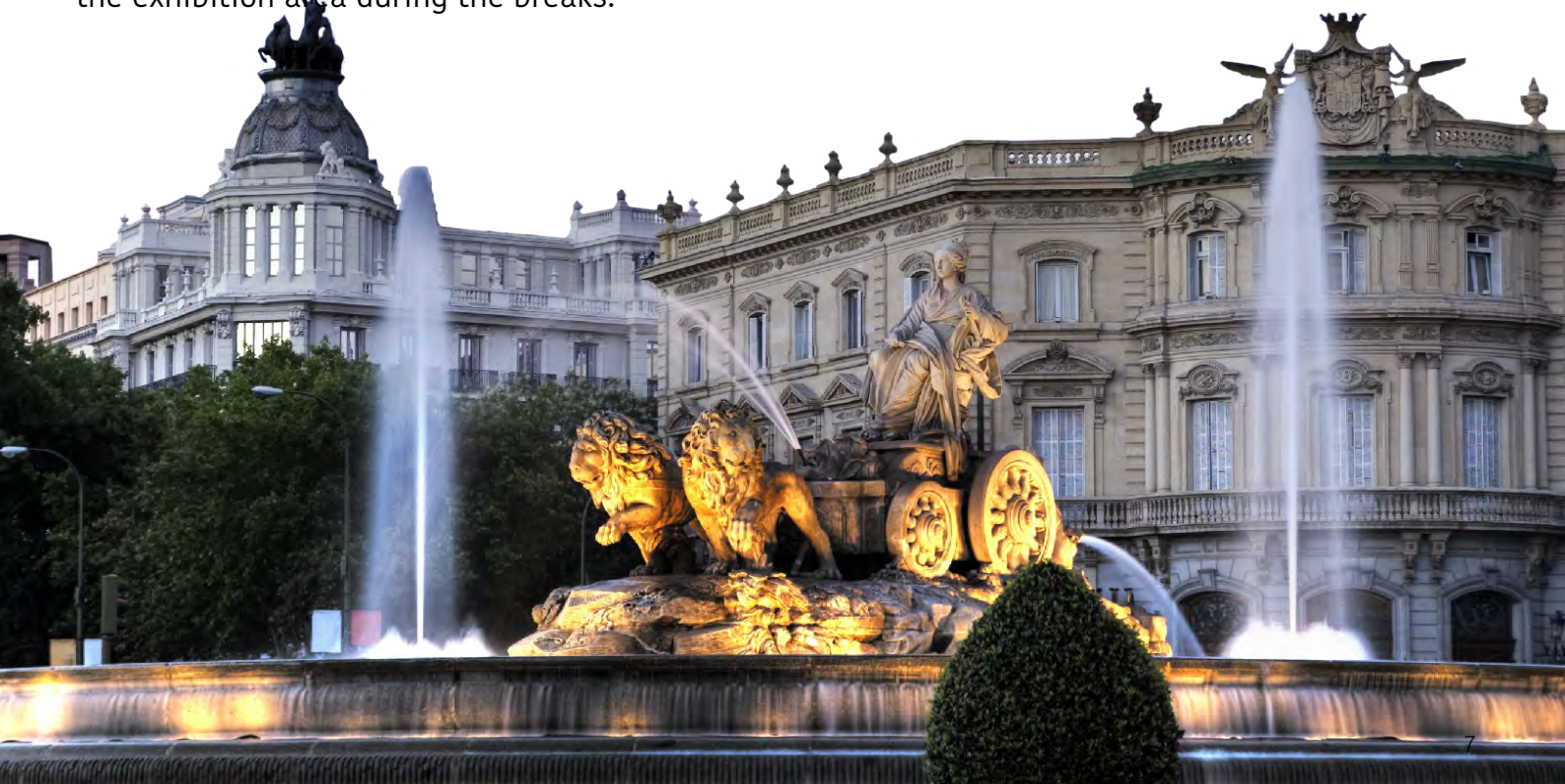
Lunches are included in the participants'
registration fee. Coffee, tea will be available in
the exhibition area during the breaks.

LIABILITY

By registering for the Congress and/or by participating in the exhibition joined to the Congress, participants and exhibitors agree that 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 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 and will only be provided to registered participants once the payment has been received.





5th Madrid shoulder course

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Faculty



Joseph Abboud
USA



Samuel Antuña
Spain



Guillermo Arce
Argentina



Claudio Ascani
Italy



Stephen Bale
UK



Raúl Barco
Spain



Emilio Calvo
Spain



Peter Cole
USA



Giovanni Di Giacomo
Italy



Thomas Duquin
USA



Hany Ahmed Elsayed
Saudi Arabia



Antonio Foruria
Spain



Mark Frankle
USA



Jérôme Garret
France



Stefano Gumina
Italy



Abdul-ilah Hachem
Spain



Martin Jäger
Germany



Jean Kany
France



Franz Kralinger
Austria



Laurent Lafosse
France



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Faculty



Simon Lambert
UK



Yaiza Lópiz
Spain



Fernando Marco
Spain



Teruhisa Mihata
Japan



Phillip Moroder
Switzerland



Patric Raiss
Germany



Howard Routman
USA



**Miguel Ángel
Ruiz Ibán**
Spain



**Joaquin
Sanchez-Sotelo**
USA



Markus Scheibel
Germany



John W. Sperling
USA



Carlos Torrens Canovas
Spain



Olivier Verborgt
Belgium



**Matthias Alexander
Zumstein**
Switzerland



Assistant Surgeons Fundación Jiménez Díaz



**Juan Ameztoy
Gallego**



**Cristina Delgado
del Caño**



**Blanca
Díez Sánchez**



**Carlos García
Fernández**



**José Javier Llorente
Pérez**



**Gonzalo Luengo
Alonso**



**Natalia
Martínez Catalán**



**María Valencia
Mora**



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Scientific Grid

NOVEMBER 12th, 2026

07:40-08:00	Registration
08:00-08:10	WELCOME ADDRESS
08:10-09:00	SESSION 1 Arthroplasty Update - Shoulder arthroplasty: Hot Topics in 2026
09:00-10:15	LIVE SURGERY - INDUSTRY SESSION 
10:15-10:40	Coffee break - Exhibition Area
10:40-11:25	SESSION 2 Arthroplasty Case discussion - Arthritis in the young patient
11:25-12:10	SESSION 3 Arthroplasty Case discussion - Arthritis with glenoid bone deficiency
12:10-12:55	SESSION 4 Arthroplasty The great debate - Which is the best configuration of RSA?
12:55-13:15	Keynote lecture
13:15-14:15	Lunch
14:15-15:00	SESSION 5 Arthroplasty Update - Specific situations
15:00-15:45	SESSION 6 Arthroplasty Case discussion - Humerus bone loss: OMG!
15:45-17:00	LIVE SURGERY - INDUSTRY SESSION 
17:00-17:25	Coffee break and exhibition visit
17:25-18:00	SESSION 7 Arthroplasty Update - When something goes wrong



Scientific Grid

NOVEMBER 13th, 2026

08:00-09:00	SESSION 1 Arthroscopy Update - Frequent causes of shoulder pain
09:00-10:15	LIVE SURGERY - INDUSTRY SESSION 
10:15-10:40	Coffee break - Exhibition Area
10:40-11:40	SESSION 2 Arthroscopy Case discussion - Massive rotator cuff tear
11:40-12:25	SESSION 3 Arthroscopy The great debate - Augmentation & orthobiologics in RCT
12:25-12:45	Keynote lecture
12:45-13:30	Lunch
13:30-14:15	INDUSTRY SYMPOSIUM
14:15-14:55	SESSION 5 Arthroscopy Update - Posterior shoulder instability
14:55-15:40	SESSION 6 Arthroscopy Case discussion - Subcritical bone defect in anterior shoulder instability
15:45-17:00	LIVE SURGERY - INDUSTRY SESSION 
17:00-17:25	Coffee break - Exhibition Area
17:25-18:00	SESSION 7 Arthroscopy Update - When something goes wrong in shoulder arthroscopy



Scientific Grid

NOVEMBER 14th, 2026

07:45-08:20	SESSION 1 Trauma Update - Proximal humerus fractures
08:20-09:00	SESSION 2 Trauma Case discussion - Proximal humerus nonunion
09:00-10:15	LIVE SURGERY - INDUSTRY SESSION 
10:15-10:40	Coffee break- Exhibition Area
10:40-11:15	SESSION 3 Trauma Update - Acromioclavicular Joint injury and clavicular fractures
11:15-12:00	SESSION 4 Trauma Case discussion - Lateral Clavicular Fractures
12:00-12:20	Keynote lecture
12:20-13:05	SESSION 5 Trauma The great debate - The limits of surgery for proximal humerus fractures
13:05-13:45	SESSION 6 Trauma Update - Scapular trauma
13:45-14:00	WRAP UP AND FAREWELL





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07:40-08:00	Registration	11:25-12:10	ARTHROPLASTY SESSION 3: CASE DISCUSSION Arthritis with glenoid bone deficiency <i>Chairs: M. Frankle, H. Routman</i>
08:00-08:10	Welcome Address	11:25-11:30	Case presentation
08:10-09:00	ARTHROPLASTY SESSION 1: UPDATE Shoulder arthroplasty: Hot Topics in 2026 <i>Chairs: J. Abboud, S. Antuña</i>	11:30-11:36	Correct with bone graft <i>F. Marco</i>
08:10-08:16	Intro robotics & navigation: all autonomous in 2030? <i>O. Verborgt</i>	11:36-11:42	Correct with metal <i>P. Raiss</i>
08:16-08:22	New designs in shoulder arthroplasty: do they improve outcomes? <i>M. Scheibel</i>	11:42-11:48	Correct with reaming <i>J. Garret</i>
08:22-08:28	The anatomic reverse shoulder arthroplasty <i>M. Frankle</i>	11:48-11:54	No correction is required <i>S. Antuña</i>
08:28-08:34	Complications of RSA: are they changing? <i>S. Bale</i>	11:54-12:10	Discussion
08:34-08:40	Bone deficiency: the challenge <i>J. Sanchez-Sotelo</i>	12:10-12:55	ARTHROPLASTY SESSION 4: THE GREAT DEBATE Which is the best configuration of RSA? <i>Chair: S. Antuña</i>
08:40-09:00	Discussion		<i>M. Frankle</i> <i>H. Routman</i> <i>J. Sanchez-Sotelo</i> <i>O. Verborgt</i> <i>P. Raiss</i>
09:00-10:15	LIVE SURGERY - INDUSTRY SESSION <i>Go to page 20</i>	12:55-13:15	KEYNOTE GUEST LECTURE Survival is the Seed: A Generational Model of Surgical Innovation <i>M. Frankle</i>
10:15-10:40	Coffee break - Exhibition Area	13:15-14:15	Lunch
10:40-11:25	ARTHROPLASTY SESSION 2: CASE DISCUSSION Arthritis in the young patient <i>Chairs: M. Scheibel, S. Bale</i>		
10:40-10:45	Case presentation		
10:45-10:51	CAM is the way <i>E. Calvo</i>		
10:51-10:57	Hemi with pirocarbon <i>J. Garret</i>		
10:57-11:03	Anatomic TSA <i>J. Abboud</i>		
11:03-11:09	Reverse shoulder arthroplasty <i>G. di Giacomo</i>		
11:09-11:25	Discussion		



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14:15-15:00 **ARTHROPLASTY SESSION 5: UPDATE**

Specific situations

Chairs: J. Garret, C. Ascani

- 14:15-14:21 Shoulder Arthroplasty with Bone Deformity.
Managing the Tuberosity
S. Antuña
- 14:21-14:27 Augmented glenoid components: a risky decision?
J. Sperling
- 14:27-14:33 Stemless reverse: really?
R. Barco
- 14:33-14:39 Arthritis with static posterior subluxation: acromion is key
M.A. Zumstein
- 14:39-14:45 Anatomic TSA is back for real
J. Sperling
- 14:45-15:00 Discussion

15:00-15:45 **ARTHROPLASTY SESSION 6: CASE DISCUSSION**

Humerus bone loss: OMG!

Chairs: R. Barco, C. Torrens

- 15:00-15:05 *Case presentation*
- 15:05-15:11 Always bone
J. Abboud
- 15:11-15:17 Always metal
H. Routman
- 15:17-15:23 Always bone and tendon
J. Sanchez-Sotelo
- 15:23-15:29 Beyond limits:
Resection arthroplasty
Y. Lópiz
- 15:29-15:45 Discussion

15:45-17:00 **LIVE SURGERY - INDUSTRY SESSION**

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- 17:00-17:25 Coffee break - Exhibition Area
- 17:25-18:00 **ARTHROPLASTY SESSION 7:
UPDATE**
When something goes wrong
*Chairs: J. Sanchez-Sotelo,
G. di Giacomo*
- 17:25-17:31 Instability after RSA
M. Frankle
- 17:31-17:37 Periprosthetic fractures:
some heal ...
C. Ascani
- 17:37-17:43 Infection: noooooo!
C. Torrens
- 17:43-17:49 Glenoid Side Reconstruction.
Always Custom?
H. Routman
- 17:49-18:00 Discussion



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08:00-09:00 ARTHROSCOPY SESSION 1: UPDATE

Frequent causes of shoulder pain

Chairs: M.A. Zumstein, J. Kany

- 08:00-08:06 Calcifying tendonitis
T. Mihata
- 08:06-08:12 Adhesive capsulitis
H. A. Elsayed
- 08:12-08:18 Unstable Painful Shoulder
M.A. Ruiz Ibán
- 08:18-08:24 Pectoralis minor hyperactivation
L. Lafosse
- 08:24-08:30 STAM
R. Barco
- 08:30-08:36 Subscapularis tears - tips and
tricks for easier repair
P. Moroder
- 08:36-08:42 The irreparable SC tear
J. Kany
- 08:42-09:00 Discussion

09:00-10:15 LIVE SURGERY - INDUSTRY SESSION

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- 10:15-10:40 Coffee break - Exhibition Area

10:40-11:40 ARTHROSCOPY SESSION 2: CASE DISCUSSION

Massive rotator cuff tear

Chairs: R. Barco, P. Moroder

- 10:40-10:45 *Case presentation*
- 10:45-10:51 Nothing has been demonstrated
to be superior to partial repair
E. Calvo
- 10:51-10:57 SCR, this is the indication!
T. Mihata
- 10:57-11:03 Think of biology,
LHB augmentation
M. Scheibel

- 11:03-11:09 Subacromial spacer:
Fast, easy and efficient
J. Abboud

- 11:09-11:15 Tendon transfer:
Give the patient strength!
J. Kany

- 11:15-11:21 RSA, reliable and durable
C. Torrens

- 11:21-11:40 Discussion

11:40-12:25 ARTHROSCOPY SESSION 3: THE GREAT DEBATE

Augmentation & Orthobiologics in RCT

Chair: E. Calvo

*M. A. Ruiz Ibán
T. Mihata
M. Zumstein
M. Scheibel
G. di Giacomo*

12:25-12:45 KEYNOTE GUEST LECTURE

Fine tuning in reverse shoulder arthroplasty

M. Scheibel

- 12:45-13:30 Lunch

13:30-14:15 INDUSTRY SYMPOSIUM

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14:15-14:55 ARTHROSCOPY SESSION 4: UPDATE

Posterior shoulder instability

Chairs: G. Arce, J. Kany

- 14:15-14:21 Understanding posterior
shoulder instability
P. Moroder

- 14:21-14:27 A solid support is needed:
posterior bone block
L. Lafosse



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14:27-14:33 Less is more: capsulolabral repair for posterior instability
P. Moroder

14:33-14:39 The problem is more complex than it looks: acromial osteotomy
M.A. Zumstein

14:39-14:55 Discussion

14:55-15:40 ARTHROSCOPY SESSION 6: CASE DISCUSSION
Subcritical bone defect in anterior shoulder instability
Chairs: E. Calvo, L. Lafosse

14:55-15:00 *Case presentation*

15:00-15:06 Bankart & bone fixation
G. Arce

15:06-15:12 Bankart & remplissage
P. Raiss

15:12-15:18 Free bone block
A. Hachem

15:18-15:24 Latarjet
G. di Giacomo

15:24-15:40 Discussion

15:45-17:00 LIVE SURGERY - INDUSTRY SESSION
Go to page 20

17:00-17:25 Coffee break - Exhibition Area

17:25-18:00 ARTHROSCOPY SESSION 7: UPDATE
When something goes wrong in shoulder arthroscopy
Chairs: A. Hachem, S. Gumina

17:25-17:31 The failed soft tissue repair in shoulder instability
G. di Giacomo

17:31-17:37 The failed Latarjet
E. Calvo

17:37-17:43 The failed rotator cuff tear repair
M.A. Zumstein

17:43-17:49 Instability and rotator cuff tear
T. Mihata

17:49-18:00 Discussion



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07:45-08:20 **TRAUMA SESSION 1: UPDATE**

Proximal humerus fractures

Chairs: A.M. Foruria, P. Moroder

- 07:45-07:51 Biomechanics of proximal humerus fracture fixation
M. Jäger
- 07:51-07:57 Frequent mistakes in proximal humerus fracture fixation: learn to avoid them
F. Kralinger
- 07:57-08:03 Do fractures need a specifically designed RSA?
Y. Lópiz
- 08:03-08:09 ORIF in Elderly Patients: Is It Still Reasonable?
A.M. Foruria
- 08:09-08:20 Discussion

08:20-09:00 **TRAUMA SESSION 2: CASE DISCUSSION**

Proximal humerus nonunion

Chairs: S. Gumina, C. Torrens

- 08:20-08:25 *Case presentation*
- 08:25-08:31 Follow the classics: Bone graft and plating
M. Jäger
- 08:31-08:37 Hemiarthroplasty
G. Arce
- 08:37-08:43 Reverse arthroplasty
A.M. Foruria
- 08:43-09:00 Discussion

09:00-10:15 **LIVE SURGERY - INDUSTRY SESSION**

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10:15-10:40 Coffee break - Exhibition Area

10:40-11:15 **TRAUMA SESSION 3: UPDATE**

Acromioclavicular Joint injury and clavicular fractures

Chairs: T. Mihata, G. Arce

- 10:40-10:51 The role of arthroscopy in ACJ injury
M. Scheibel
- 10:51-10:57 The failed ACJ reconstruction: how to solve it?
A. Hachem
- 10:57-11:03 Is clavicle malunion clinically important?
P. Cole
- 11:03-11:15 Discussion

11:15-12:00 **TRAUMA SESSION 4: CASE DISCUSSION**

Lateral Clavicular Fractures

Chairs: S. Lambert, F. Kralinger

- 11:15-11:20 *Case presentation*
- 11:20-11:26 Arthroscopic approach
R. Barco
- 11:26-11:32 Hook plating
M. Jäger
- 11:32-11:38 Anatomical plating
F. Marco
- 11:38-11:44 Combined Reconstruction
S. Gumina
- 11:44-12:00 Discussion

12:00-12:20 **KEYNOTE GUEST LECTURE** **Nerve dangers around the shoulder: From suspicion to treatment** *S. Lambert*



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**12:20-13:05 TRAUMA SESSION 5:
THE GREAT DEBATE**
**The limits of surgery for
proximal humerus fractures**
Chair: F. Marco

*S. Lambert
M. Jäger
A.M. Foruria
F. Kralinger
Y. Lópiz*

13:05-13:45 TRAUMA SESSION 6: UPDATE
Scapular trauma
Chairs: Lambert, M. Jäger

13:05-13:11 When should scapular fractures
be operated?
Evidence based indications
P. Cole

13:11-13:17 Modern surgical approaches
for scapular fractures
F. Marco

13:17-13:23 Operative pearls for complex
scapular fractures
P. Cole

13:23-13:29 Plating the spine & acromion
for stress fractures associated
with RSA
C. Ascani

13:29-13:45 Discussion

13:45-14:00 WRAP UP AND FAREWELL



LIVE SURGERIES

November 12th

09:00-10:15

Chairs: O. Verborgt, P. Raïss

TRAUMA

Proximal humerus fracture

Antonio Foruria

Assistant surgeons:

N. Martínez Catalán, B. Díez Sánchez

medartis®

ARTHROPLASTY

Reverse shoulder arthroplasty

Fernando Marco

Assistant surgeons:

C. García Fernández, G. Luengo Alonso

enovis™

ARTHROPLASTY

Reverse shoulder arthroplasty

Raúl Barco

Assistant surgeons:

M. Valencia Mora, J. Ameztoy Gallego

M medcomtech
Innovation Technology Service

15:45-17:00

Chairs: L. Lafosse, G. Arce

ARTHROPLASTY

Robotic Assisted Shoulder**Arthroplasty**

Thomas Duquin

ZIMMER BIOMET

ARTHROPLASTY

Reverse shoulder arthroplasty

Patrick Raiss

Assistant surgeons:

G. Luengo Alonso, J.J. Llorente Pérez

Arthrex

ARTHROPLASTY

Shoulder Arthroplasty

Olivier Verborgt, Samuel Antuña

Assistant surgeons:

N. Martínez Catalán, B. Díez Sánchez

ZIMMER BIOMET

November 13th

09:00-10:15

Chairs: M. Frankle, F. Marco

ARTHROSCOPY

Bone block

Abdul-ilah Hachem

Assistant surgeons:

G. Luengo Alonso, C. Delgado del Caño

Arthrex

ARTHROPLASTY

Anatomic Shoulder**Arthroplasty**

Joaquín Sanchez-Sotelo

Assistant surgeons:

N. Martínez Catalán, M. Valencia Mora

stryker

15:45-17:00

Chairs: S. Bale, J. Abboud

ARTHROPLASTY

Custom made glenoid**reconstruction**

Carlos Torrens, Joan Miquel

M medcomtech
Innovation Technology Service

ARTHROSCOPY

Rotator cuff tear repair

Miguel Ángel Ruiz Ibán

Assistant surgeon:

C. Delgado del Caño

Smith+Nephew

ARTHROSCOPY

Rotator cuff tear repair

Markus Scheibel

Assistant surgeon:

M. Valencia Mora

stryker

November 14th

09:00-10:15

Chairs: P. Moroder, S. Antuña

ARTHROSCOPY

Latarjet

Emilio Calvo, Laurent Lafosse

Assistant surgeon:

C. Delgado del Caño

DePuy
Synthes

09:00-10:15

ARTHROPLASTY

Reverse Shoulder**Arthroplasty**

Jérôme Garret

Assistant surgeons:

B. Díez Sánchez, J. Ameztoy Gallego

MBA
SURGICAL EMPOWERMENT



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INDUSTRY SYMPOSIUM

November 13th, 2026

13:30-14:15



Cutting-Edge Technologies for Enhanced Surgical Practice

Plenary room

Moderator: *Franz Kralinger*

NextAR Shoulder: precision and accuracy in action

M. Zumstein

MyImplant: handling uncustomary cases with confidence

- Pegged custom-made glenoid: when a surgery becomes a challenge
A. Armàn
- Peg-less custom-made glenoid: 5-year follow-up
M. Jäger
- Custom-made clavicular implant: a challenging clinical case
S. Lambert



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