



# 4th Madrid shoulder course

NOVEMBER 21 - 23 | 2024

Chairmen: Samuel Antuña · Emilio Calvo · Fernando Marco



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



SCIENTIFIC PROGRAM





4th Madrid  
shoulder course



NOVEMBER 21 - 23 | 2024

## Welcome letter

Dear friends,

As part of our continuing effort to spread the knowledge on shoulder surgery, we are delighted to present to you the 4th edition of the Madrid Shoulder Course (MSC24).

The MSC24 will take place from November 21st to 23rd 2024 in downtown Madrid. We have structured a great comprehensive program, full of fresh knowledge covering state of the art surgical techniques. We have already confirmed an outstanding faculty panel, all of them are internationally recognized experts and opinion leaders on shoulder surgery. MSC is already consolidated as an enjoyable and profitable meeting for delegates with a wide range of knowledge in shoulder surgery.

During these three days, a large number of scientific and technical controversies will be covered. Our intention is to designate specific time slots for symposium and workshops to cover surgical procedures and hot topics. Delegates will have the chance of presenting their cases and there will be a significant amount of time devoted to discussion.

We are now finishing the final program which will be always updated on our web page [www.madridshouldercourse.com](http://www.madridshouldercourse.com). Have a look and you will immediately understand why you cannot miss the dates.

Welcome to Madrid !!

Best Regards,

### Local Organizing Committee



Samuel Antuña  
(Spain)



Emilio Calvo  
(Spain)



Fernando Marco  
(Spain)



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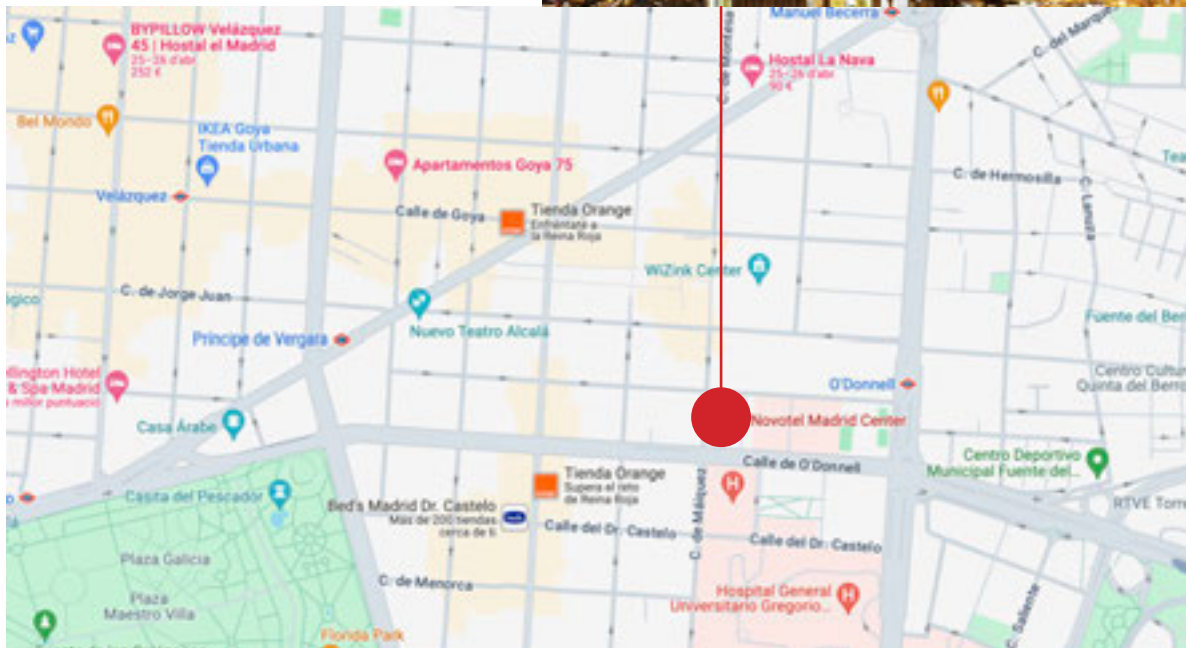
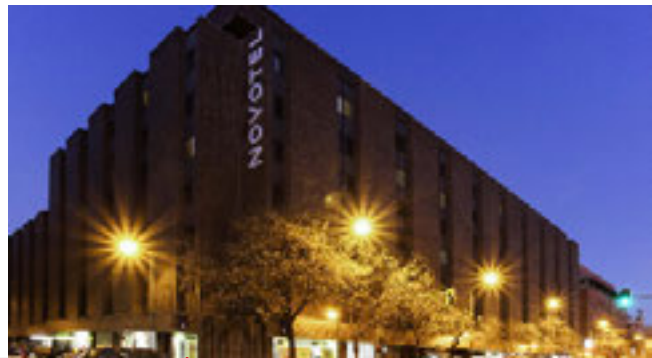
## General information

### Venue

#### Novotel Madrid Center

Calle O'Donnell, 53, 28009 Madrid

[https://all.accor.com/hotel/9298/index.en.shtml?utm\\_campaign=seo+maps&utm\\_medium=seo+maps&utm\\_source=google+Maps](https://all.accor.com/hotel/9298/index.en.shtml?utm_campaign=seo+maps&utm_medium=seo+maps&utm_source=google+Maps)



### Registration fees

#### Before October 1st

Standard 650€

Trainee 350€

VAT included

#### After October 2nd

Standard 750€

Trainee 400€



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# General information

### Website

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



### Technical Secretariat

**TORRESPARDO**  
Association Management

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### REGISTRATION

Only through the Congress website  
[www.madridshouldercourse.com](http://www.madridshouldercourse.com)

#### Registration:

Opens: April 1st 2024

Deadline early bird registration: October 1st 2024

### WIRELESS INTERNET ACCESS

WiFi Internet access area 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.

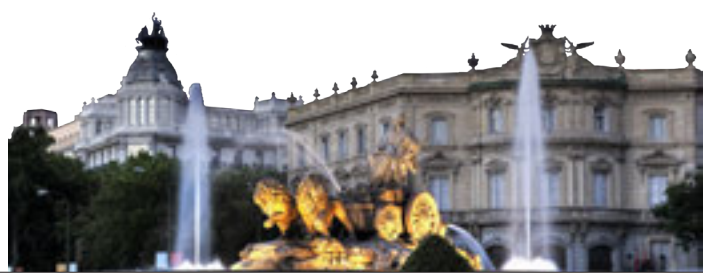
### LIABILITY

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.





## Program at a glance

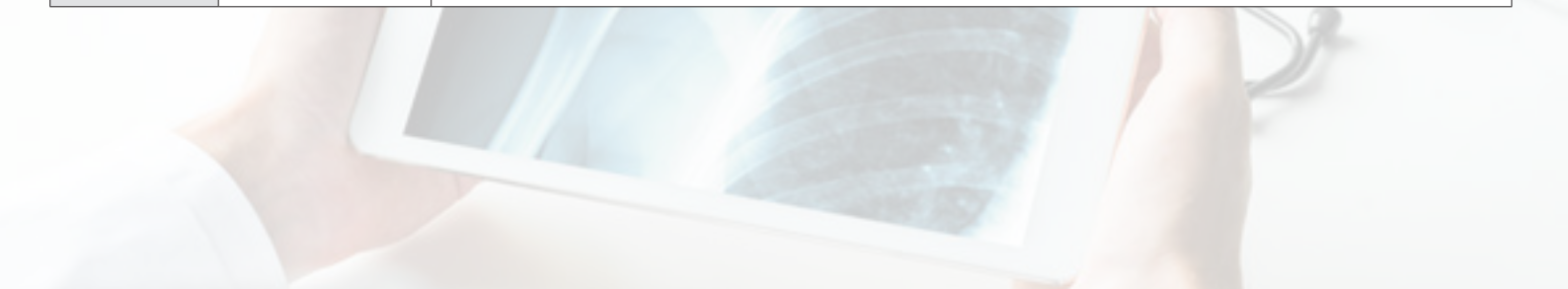
Thursday 21st November			
07:45-08:00	Welcome		
08:00-08:40	Reconstructive surgery	Basic concepts in shoulder arthroplasty	Update
08:40-09:25		Arthritis in young patients	Update/ Case debate
09:25-09:35		Mastering glenoid approach & implantation	Re-live surgery
09:55-09:45		Technical tips to perfectly implant an anatomical humeral head	Re-live surgery
09:45-10:15	Coffee break		
10:15-10:55	Reconstructive surgery	Some help with Anatomic Shoulder Arthroplasty	Update
10:55-11:20		Reverse Shoulder Arthroplasty (RSA)	Update
11:20-11:55		Deformity & bone loss TSA	Case Debate
11:55-12:20		When things go wrong or are difficult	Update
12:20-12:50		What went wrong with this RSA & how to solve it	Case Debate
12:50-13:00		Navigation assisted RSA: technical tips & tricks	Re-live surgery
13:00-14:30	Lunch Sponsored Sessions		
14:30-15:30	Trauma	Acute Proximal Humerus fractures (PHF)	Update
15:30-15:55		How would you treat this PHF?	Case Debate
15:55-16:15		Complex PHF fractures	Re-live surgery
16:15-16:45	Coffee break		
16:45-17:45	Trauma	Problems after PHF	Update
17:45-18:35		Special situations in glenohumeral trauma	Update
END OF DAY			



## Program at a glance

Friday 22nd November			
08:00-09:00	Trauma	The clavicle & ACJ injuries	Update
09:00-09:25		ACJ instability	Case Debate
09:25-09:35		Glenoid fracture arthroscopic	Re-live surgery
09:35-10:00	Coffee break		
10:00-11:00	Arthroscopy	Subacromial problems and RCT	Update
11:00-12:00		Massive irreparable RCT	Case Debate
12:00-12:30		Tendon transfers	Re-live surgery
12:30-13:00		SC tear	Case Debate
13:00-14:30	Lunch Sponsored Sessions		
14:30-15:30	Arthroscopy	The challenging rotator cuff tear	Case Debate
15:30-16:30		The scapula	Update
16:30-17:30		Bony mediated shoulder instability	Case Debate
17:30-18:30		Difficult situations in shoulder instability	Update
18:30-19:00		Arthroscopic shoulder stabilization techniques	Re-live surgery
Closing remarks			

Saturday 23rd November	
09:00-12:00	 <p><b>POST-COURSE SESSION BRING YOUR CASES!</b></p>





## Scientific program Thursday 21st, 2024 November

07:45-08:00 Welcome

### RECONSTRUCTIVE SURGERY

**08:00-08:40**

#### **BASIC CONCEPTS IN SHOULDER ARTHROPLASTY**

- Shoulder Arthroplasty  
How The State of the Art Evolved
- Preoperative planning:  
Understanding its benefits
- Improving execution:  
From PSI or Navigation to virtual reality
- Discussion

**08:40-09:25**

#### **ARTHRITIS IN YOUNG PATIENTS**

- Analyzing Radiographic Glenoid Deformity:  
A Search for the Best Classification System
- Which are my options? An overview of my  
rationalized approach to young arthritis.
- 35 years old with arthritis:  
A case based Panel discussion

**09:25-09:45**

#### **FIVE STARS RE-LIVE SURGERY**

- Mastering glenoid Approach and Implantation
- Technical tips to perfectly implant an anatomic  
humeral head

**09:45-10:15**

Coffee break



**10:15-10:55**

#### **SOME HELP WITH ANATOMIC SHOULDER ARTHROPLASTY**

- Tips and tricks in stemless anatomic  
shoulder arthroplasty
- Cementless Glenoid Fixation. Is it here to stay?
- Lessons learned in revising an anatomic TSA  
to a reverse
- Questions

**10:55-11:20**

#### **REVERSE SHOULDER ARTHROPLASTY (RSA)**

- Why is everybody talking about  
“Lateralization”?
- Addressing glenoid deformity and bone loss  
in RSA.
- Addressing humeral bone loss in RSA.
- Short Stem/Stemless RSA: Does it make sense?

**11:20-11:55**

#### **WHAT WOULD YOU DO? DEFORMITY AND BONE LOSS IN TSA**

**11:55-12:20**

#### **WHEN THINGS GO WRONG OR ARE DIFFICULT**

- The Unstable Reverse TSA: What Now?
- The infected shoulder arthroplasty
- Salvage of failed reverse shoulder arthroplasty:  
Principles of treatment

**12:20-12:50**

#### **WHAT WOULD YOU DO? WHAT WENT WRONG WITH THIS RSA AND HOW TO SOLVE IT?**

**12:50-13:00**

#### **FIVE STARS RE-LIVE SURGERY**

- Navigation assisted RSA:  
Technical tips and tricks

**13:00-14:30**

Lunch Sponsored Sessions



## Scientific program Thursday 21st, 2024 November

### TRAUMA

14:30-15:30

#### ACUTE PROXIMAL HUMERUS FRACTURES (PHF)

- The “Black Box” of Systematic Reviews
- Meta-Analysis for PHF Fractures
- Surgery for the “Eighties” and Beyond
- Limits for IM Nailing in PHF
- Reverse Arthroplasty for the Young Patient after Trauma

15:30-15:55

#### WHAT WOULD YOU DO?

#### HOW WOULD YOU TREAT THIS PHF?

15:55-16:15

#### FIVE STARS RE-LIVE SURGERY

- Step by step Fixation of Combined PHF & Shaft Fractures
- Pearls and pitfalls of dealing with fracture dislocation in PHF

16:15-16:45

Coffee break



16:45-17:45

#### PROBLEMS AFTER PHF

- Why is it not moving? Dealing with Stiffness
- Complex Pain and its Management after Trauma
- How do I know if it is Infected:  
A thought before revision
- The True Meaning of Neurophysiology Studies for Fracture Sequelae
- Discussion

17:45-18:35

#### SPECIAL SITUATIONS in GLENOHUMERAL TRAUMA

- Non Union after PHF Fixation:  
What did I do wrong?
- Cuff Failure after PHF
- Surgery for Failed Conservative Treatment
- Greater Tuberosity Fractures:  
Do not underestimate
- Questions

End of day







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## Scientific program Friday 22nd, 2024 November

### TRAUMA

**08:00-09:00**

#### THE CLAVICLE & ACJ INJURIES

- Not a Single One Left Out: Fixing the Clavicle
- Plating the Lateral Third
- The patient Decides? Acute ACJ Repair
- Grafting the Chronic ACJ
- Sternoclavicular joint instability
- Q&A

**09:00-09:25**

#### AC INSTABILITY

**09:25-09:35**

#### FIVE STARS RE-LIVE SURGERY

- Chronic ACJ stabilization

**09:35-10:00**

Coffee break



### ARTHROSCOPY

**10:00-11:00**

#### SUBACROMIAL PROBLEMS AND ROTATOR CUFF TEARS

- Tendinopathy
- Partial thickness RC tears
- Full thickness RC tears
- Subscapularis tears
- The failed RCT repair
- Q&A

**11:00-12:00**

#### MASSIVE IRREPARABLE ROTATOR CUFF TEAR

- Partial repair: Biologic, effective and efficient
- SCR: Restoring the anatomy
- Subacromial spacer: fast, easy and effective
- Tendon transfers: Restoring force couples
- RSA: The most reliable
- Q&A

**12:00-12:30**

#### FIVE STARS RE-LIVE SURGERY

- Lower Trapezius Transfer
- Latissimus Dorsi Transfer
- Q&A

**13:00-14:30**

Lunch Sponsored Sessions

**15:30-16:30**

#### THE SCAPULA

- How to examine scapular dyskinesia
- Surgical solutions for scapular dyskinesia
- Pectoralis minor release: Fact or fiction?
- Q&A

**16:30-17:30**

#### BONY MEDIATED SHOULDER INSTABILITY

**17:30-18:30**

#### DIFFICULT SITUATIONS IN SHOULDER INSTABILITY

- Shoulder Instability & Hiperlaxity
- Failed Bankart
- Failed Latarjet
- Shoulder Instability & RCT
- Posterior shoulder instability
- Q&A

**18:30-19:00**

#### FIVE STARS RE-LIVE SURGERY

- ICBG
- Arthroscopic Latarjet
- Q&A

End of course



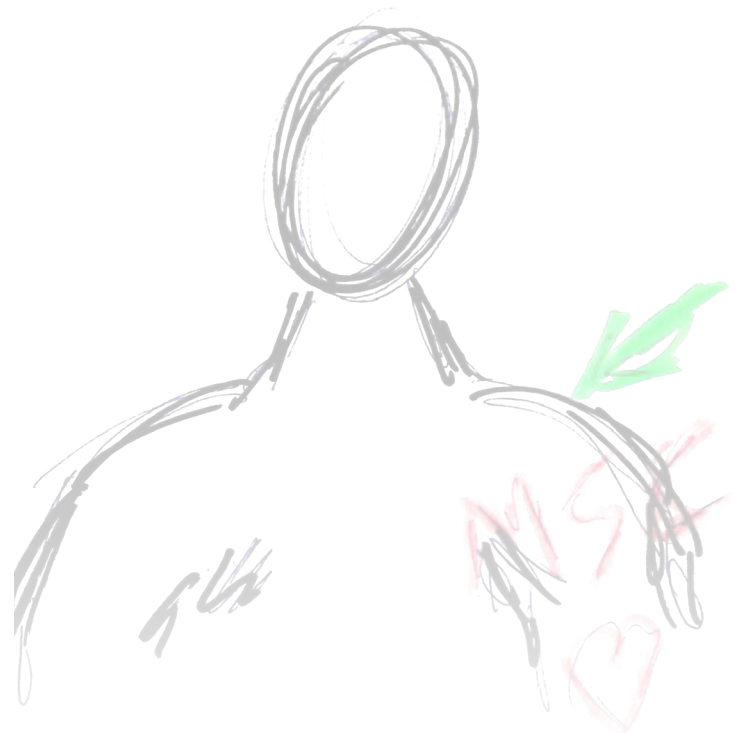
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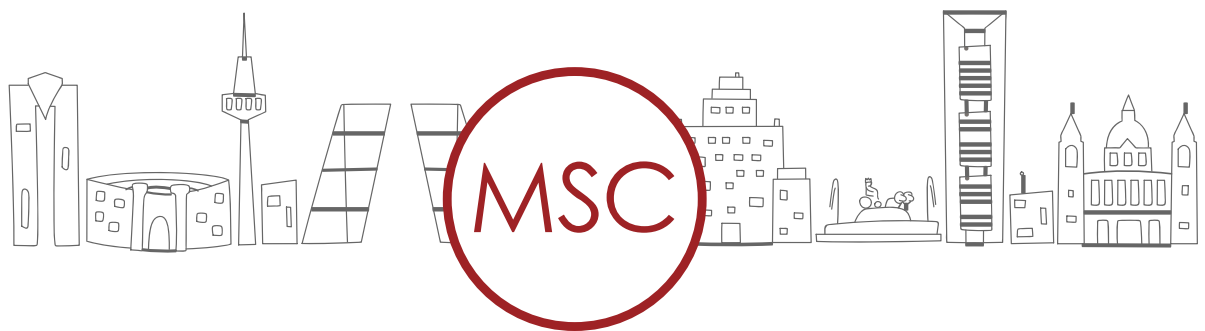


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## POST-COURSE SESSION BRING YOUR CASES!

SATURDAY NOVEMBER 23rd 09:00-12:00h





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