



4th Madrid shoulder course

NOVEMBER 21 - 23 | 2024

Chairmen: Samuel Antuña · Emilio Calvo · Fernando Marco



www.madridshouldercourse.com



Organized by

SCIENTIFIC PROGRAM





4th Madrid
shoulder course



NOVEMBER 21 - 23 | 2024

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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 MSC2024 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. Have a look and you will immediately understand why you cannot miss the dates.

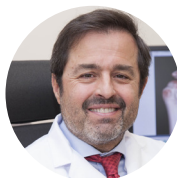
Welcome to Madrid !!

Best Regards,

Local Organizing Committee



Samuel Antuña
Hospital Universitario
La Paz
(Spain)



Emilio Calvo
Fundación
Jiménez Díaz
(Spain)



Fernando Marco
Hospital Clínico
San Carlos
(Spain)



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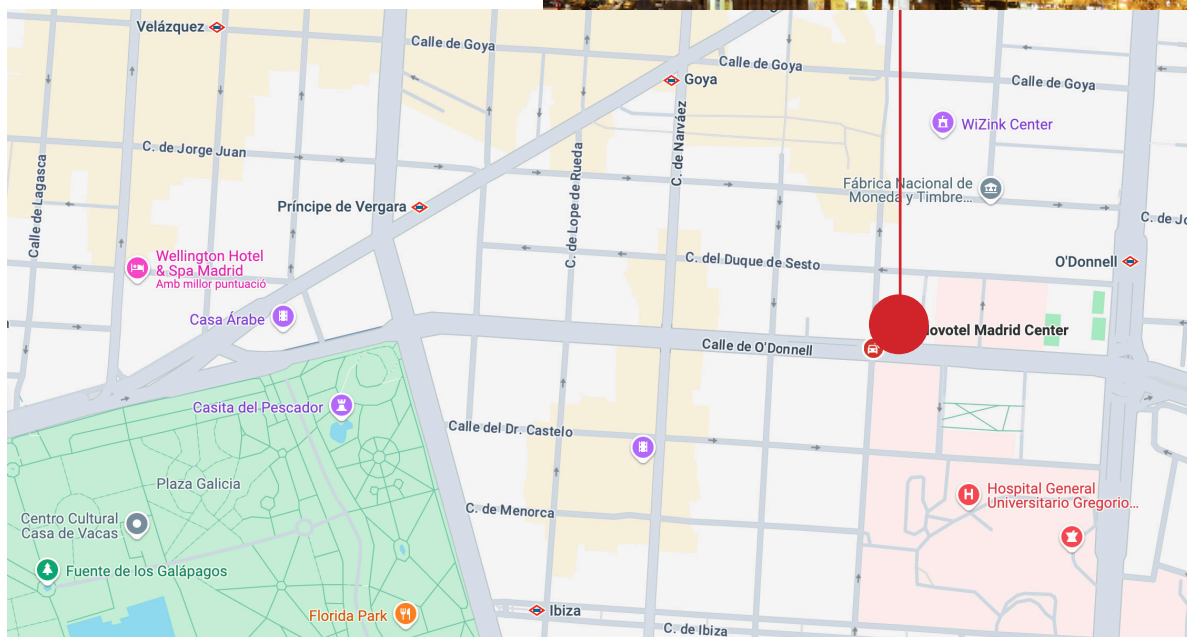
General information

Venue

Novotel Madrid Center

Calle O'Donnell, 53, 28009 Madrid

[WEBSITE \(CLICK HERE\)](#)



Registration fees

Before October 1st

Standard 650€

Trainee* 350€

After October 2nd

Standard 750€

Trainee* 400€

*Trainees must present a document proving their current situation.

21% Spanish VAT included

Accommodation

Novotel Madrid Center

Calle O'Donnell, 53, 28009 Madrid

Single Room: 240€

VAT included

Bed and Breakfast included





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General information

Website

www.madridshouldercourse.com



Technical Secretariat

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REGISTRATION

Only through the Event website
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 Event

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 Event and/or by
participating in the exhibition joined to the
Event, participants and exhibitors agree that the
Organising Committee or the Event Secretariat
do not assume any responsibility for damage
or injuries to persons or property during the
Event. 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 Event. 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.



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Faculty



Joseph Abboud
USA



Samuel Antuña
Spain



Raúl Barco
Spain



Juan Bruguera
Spain



Emilio Calvo
Spain



Eduardo Carpinteiro
Portugal



Carlos Cobiella
UK



Peter Cole
USA



Cristina Delgado
Spain



Bassem Elhassan
USA [Remote Speaker]



Antonio Foruria
Spain



Carlos García
Spain



Abdul-ilah Hachem
Spain



Laurent Lafosse
France



Yaiza López
Spain



Gonzalo Luengo
Spain



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Faculty



Fernando Marco
Spain



Natalia Martínez
Catalán
Spain



Giuseppe Milano
Italy



Álvaro Minuesa
Spain



Phillip Moroder
Switzerland



Gia Rodriguez
Vaquero
Spain



Miguel Angel
Ruiz Iban
Spain



Carlos Torrens
Canovas
Spain



Pablo Vadillo
Spain



Maria Valencia
Spain



Alfonso Vaquero
Spain



Olivier Verborgt
Belgium



Joseph Zuckermann
USA [Remote Speaker]



Program at a glance

Thursday 21st November			
07:45-08:00	Welcome		
08:00-09:00	Reconstructive surgery	Shoulder arthroplasty I	Update
09:00-10:00		Dual screen live surgery	Live Surgery
10:00-10:30	Coffee break		
10:30-11:30	Reconstructive surgery	Shoulder arthroplasty II	Update
11:30-12:30		Shoulder arthroplasty III	Update
12:30-12:46		Shoulder arthroplasty IV	Update
12:46-13:15	Reconstructive surgery	Invited Guest Lecture	Keynote
13:15-14:15	Lunch Break		
14:15-15:15	Trauma	Acute Proximal Humerus fractures (PHF)	Update
15:15-16:15		Problems after PHF & special situations in GH trauma	Update
16:15-16:45	Coffee break		
16:45-17:45	Trauma	Trauma of the scapula	Update
END OF DAY			



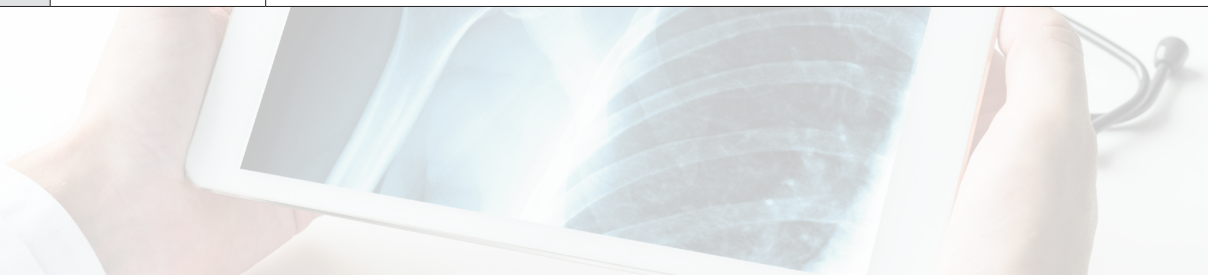
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Program at a glance

Friday 22nd November			
08:00-09:00	Trauma	The clavicle & ACJ injuries	Update
09:00-10:00	Arthroscopy	Dual screen live surgery	Live Surgery
10:00-10:30	Coffee break		
10:30-11:30	Arthroscopy	Rotator cuff and subacromial problems	Update
11:30-12:10		Massive irreparable rotator cuff tears	Update
12:10-13:10		Shoulder instability	Update
13:10-13:40	Arthroscopy	Invited Guest Lecture	Keynote
13:40-14:40	Lunch Break		
14:40-15:30	Arthroscopy	Complex and Revision Problems in Shoulder Sports Medicine	Update
15:30-16:30		Dual screen live surgery	Live Surgery
16:30-17:00	Coffee break		
17:00-17:30	Arthroscopy	Invited Guest Lecture	Keynote
17:30-18:00	Arthroscopy	The scapula	Update
18:00-18:30	Closing remarks		

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





Scientific program Thursday 21st, 2024 November

07:45-08:00 Welcome

RECONSTRUCTIVE SURGERY

08:00-09:00

SHOULDER ARTHROPLASTY I

Moderators: Alfonso Vaquero & Joseph Abboud

08:00-08:08 Preoperative planning:

Understanding its benefits

Raúl Barco

08:08-08:16 Analyzing radiographic glenoid deformity: a search for the best classification system

Samuel Antuña

08:16-08:24 Why and when I prefer anatomic TSA

Olivier Verbogt

08:24-08:32 Why consideration of patient posture is important for RTSA?

Philipp Moroder [Remote Speaker]

08:32-08:40 The glenoid in RSA: how to get it right

Olivier Verbogt

08:40-09:00 Questions & Answers
Panel Discussion

09:00-10:00

DUAL SCREEN LIVE SURGERY

Moderators: Carlos Torrens & Laurent Lafosse

Reverse Shoulder Arthroplasty

Marta Navarro

Rotator cuff tear repair with long head of the biceps augmentation

Álvaro Minuesa

10:00-10:30

Coffee break



10:30-11:30

SHOULDER ARTHROPLASTY II

Moderators: Juan Bruguera & Carlos Torrens

10:30-10:38 Stemless reverse shoulder arthroplasty

Raúl Barco

10:38-10:46

Biceps Subscapularis Augmentation. Technique And Short Term Results In Anatomic Shoulder Replacement

Joseph Abboud

10:46-10:54

What influence has liner design in outcome of RSA?

Philipp Moroder [Remote Speaker]

10:54-11:02

Addressing glenoid bone loss in RSA

María Valencia

11:02-11:10

Addressing humeral bone loss in RSA

Yaiza Lopiz

11:10-11:30

Case discussion brought by moderators

11:30-12:30

SHOULDER ARTHROPLASTY III

Moderators: Raul Barco & Olivier Verbogt

11:30-11:38

Soft tissue management in RSA: How to obtain a stable and mobile prosthesis

Joseph Abboud

11:38-11:46

The infected shoulder arthroplasty

Miguel Ángel Ruiz Iban

11:46-11:54

Salvage of failed reverse shoulder arthroplasty: Principles of treatment

Fernando Marco

11:54-12:02

Tuberosity healing in RSA for fractures

Abdul-ilah Hachem

12:02-12:10

What are the differences among RTSA?

Carlos Torrens

12:10-12:30

Case discussion brought by moderators

12:30-13:15

SHOULDER ARTHROPLASTY IV

Moderators: María Valencia & Fernando Marco

12:30-12:38

Robotics and virtual reality in shoulder replacement

Olivier Verbogt

12:38-12:46

Navigation assisted RSA: does it still play a role?

Alfonso Vaquero

12:46-12:51

Discussion



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Scientific program Thursday 21st, 2024 November

12:46-13:15

INVITED GUEST LECTURE

What I Have Learnt In Shoulder Arthroplasty In The Last 30 Years
Joseph Zuckermann [Remote Speaker]

13:15-14:15

Lunch Break

TRAUMA

14:15-15:15

ACUTE PROXIMAL HUMERUS FRACTURES (PHF)

Moderators: Pablo Vadillo & Olivier Verbogt

- 14:15-14:23 PHF: nailing is believing
Carlos García Fernández
- 14:23-14:31 PHF: when RSA cracks age limits for the young
Carlos Torrens
- 14:31-14:39 The healthy eighties in need of surgery
Yaiza Lopiz
- 14:39-14:47 Making it stable: advances in plate osteosynthesis & augmentation
Antonio Foruria
- 14:47-14:55 Does anybody do a hemi anymore?
Miguel Ángel Ruiz Iban
- 14:55-15:15 Solve my PHF case
Panel Discussion

15:15-16:15

PROBLEMS AFTER PHF & SPECIAL SITUATIONS IN GH TRAUMA

Moderators: Fernando Marco & Peter Cole

- 15:15-15:23 Bipolar GH fractures
Fernando Marco
- 15:23-15:31 Make it move: dealing with stiffness
Gonzalo Luengo
- 15:31-15:39 When & how: the best greater tuberosity fixation
Giuseppe Milano
- 15:39-15:47 Does malunion & NAV need surgery?
Antonio Foruria
- 15:47-15:55 Non-union can be solved
Alfonso Vaquero

- 15:55-16:15 Make my complication disappear
Panel discussion

16:15-16:45

Coffee break



16:45-17:45

TRAUMA OF THE SCAPULA

Moderators: Antonio Foruria & Yaiza Lopiz

- 16:45-16:53 Acromial Stress Fracture treatment in RSA (a trauma surgeon's perspective)
Peter Cole
- 16:53-17:01 Arthroscopic treatment of glenoid fractures
Emilio Calvo
- 17:01-17:09 Acromion & coracoid fractures
Fernando Marco
- 17:09-17:17 Exposure, reduction & fixation for scapular fractures including mipo
Peter Cole
- 17:17-17:25 Double & triple lesions of the sssc
Fernando Marco
- 17:25-17:33 Scapular neck & body malunions
Peter Cole
- 17:33-17:45 How I fix this scapula?
Panel discussion

17:45

End of day



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Scientific program Friday 22nd, 2024 November

TRAUMA

08:00-09:00

THE CLAVICLE & ACJ INJURIES

Moderators: Yaiza Lopiz & Philipp Moroder

08:00-08:08 Lateral third fracture fixation

Carlos García Fernández

08:08-08:16 Acute ACJ dislocation: When & How?

Abdul-ilah Hachem

08:16-08:24 Chronic ACJ dislocation reconstruction

Giuseppe Milano

08:24-08:32 The painful ACJ in sports

Carlos Cobiella

08:32-08:40 Sternoclavicular joint instability

Peter Cole

08:40-09:00 Decide for me

Panel discussion

ARTHROSCOPY

09:00-10:00

DUAL SCREEN LIVE SURGERY

Moderators: Abdul-ilah Hachem & Carlos Cobiella

Arthroscopic Anatomic Glenoid Reconstruction

Emilio Calvo

Rotator cuff tear repair with bioinductive collagen implant

Eduardo Carpinteiro

10:00-10:30

Coffee break



ARTHROSCOPY

10:30-11:30

ROTATOR CUFF AND SUBACROMIAL PROBLEMS

Moderators: Álvaro Minuesa & Carlos Cobiella

10:30-10:38 Shoulder tendinopathies

Yaiza Lopiz

10:38-10:46 Subscapularis tears

Laurent Lafosse

10:46-10:54 Can AI predict RCT repair?

Natalia Martínez Catalán

10:54-11:02 Biologic augmentation in rotator cuff repair: From with micro-fragmented bursal tissue to collagen patch

Miguel Ángel Ruiz Iban

11:02-11:10 Biologic augmentation in rotator cuff repair with the long head of the biceps tendon

Giuseppe Milano

11:10-11:30 Q&A

11:30-12:10

MASSIVE IRREPERABLE ROTATOR CUFF TEARS

Moderadores: Juan Bruguera & Giuseppe Milano

11:30-11:38 Subacromial Spacer for Massive

Irreparable Cuff Tears: How does it work

Gonzalo Luengo

11:38-11:46 Latissimus dorsi transfer for massive irreparable RCT

Laurent Lafosse

11:46-11:54 Lower trapezious transfer for massive irreparable RCT

Gia Rodríguez Vaquero

11:54-12:10 Q&A



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Scientific program Friday 22nd, 2024 November

ARTHROSCOPY

12:10-13:10

SHOULDER INSTABILITY

Moderators: Miguel Ángel Ruiz Iban & Laurent Lafosse

12:10-12:18 Soft tissue injury: Morphology of the injured and repaired glenoid labrum and its role in recurrent instability
Giuseppe Milano

12:18-12:26 Bony lesions: The Global Track concept for bipolar bone loss in anterior shoulder instability
Philipp Moroder

12:26-12:34 Shoulder Instability in the High Level Athlete
Eduardo Carpinteiro

12:34-12:40 The long term followup: What I learned from my own audit in shoulder instability
Emilio Calvo

12:40-12:48 Free bone block procedures for shoulder instability
Abdul-ilah Hachem

12:48-13:10 Q&A
Panel Discussion

13:10-13:40

INVITED GUEST LECTURE

The 20 years experience of arthroscopic Latarjet

Laurent Lafosse

13:40-14:40

Lunch Break

14:40-15:30

COMPLEX AND REVISION PROBLEMS IN SHOULDER SPORTS MEDICINE

Moderators: Gonzalo Luengo & Giuseppe Milano

14:40-14:48 The failed RCT repair
Carlos Cobiella

14:48-14:56 The failed Bankart repair
Cristina Delgado

14:56-15:04 The failed Latarjet
Emilio Calvo

15:04-15:12 Static posterior instability and decentering, where does it come from and how can we treat it?
Philipp Moroder

15:12-15:30 Q&A
Panel Discussion

15:30-16:30

DUAL SCREEN LIVE-SURGERY

Moderators: Eduardo Carpinteiro & Philipp Moroder

Reverse Shoulder Arthroplasty
Fernando Marco

Reverse Shoulder Arthroplasty
Raúl Barco

16:30-17:00

Coffee break



17:00-17:30

INVITED GUEST LECTURE

What is it and How to classify STAM?

Bassem Elhassan [Remote Speaker]

17:30-18:00

THE SCAPULA

Moderators: Pablo Vadillo & Philipp Moroder

17:30-17:38 Surgical solutions for scapular diskinesis
Gia Rodriguez Vaquero

17:38-17:46 Pectoralis minor release: Fact or fiction?
Raul Barco

17:46-18:00 Q&A
Panel Discussion

18:00-18:30

CLOSING REMARKS



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POST-COURSE SESSION BRING YOUR CASES!



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

09:00-10:30

1st SESSION

Moderators: Philipp Moroder & Emilio Calvo

10:30-11:00

Coffee break



11:00-12:00

2nd SESSION

Moderators: Carlos Cobiella & Peter Cole





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Dual Screen Live Surgeries

THURSDAY 21st, 2024 NOVEMBER

09:00-10:00

Moderators: Carlos Torrens & Laurent Lafosse

09:00-10:00

Preoperative Planning and Reverse Shoulder Arthroplasty

Marta Navarro

In collaboration with Stryker

09:00-10:00

Biceps Smash Technique: Biceps Tendon Autograft

Augmentation for Arthroscopic Rotator Cuff Reconstruction

Alvaro Minuesa

In collaboration with Arthrex

FRIDAY 22nd, 2024 NOVEMBER

09:00-10:00

Moderators: Abdul-ilah Hachem & Carlos Cobiella

09:00-10:00

Isolated Bioinductive Arthroscopic Repair of Partial-Thickness Rotator Cuff Tear

Eduardo Carpinteiro

In collaboration with Smith&Nephew

09:00-10:00

Arthroscopic Assisted Glenoid Reconstruction

Emilio Calvo

In collaboration with DePuy Synthes

15:30-16:30

Moderators: Miguel Ángel Ruiz Iban & Philipp Moroder

15:30-16:30

PRIMA Short Stem - A game changer for the RSA

Fernando Marco

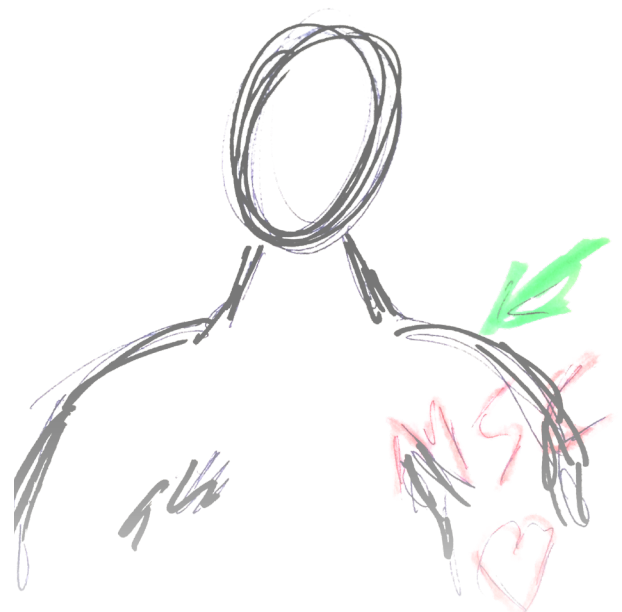
In collaboration with Enovis

15:30-16:30

Equinoxe® GPS Reverse Shoulder Arthroplasty with Ergo® instrumentation

Raúl Barco

In collaboration with Exatech





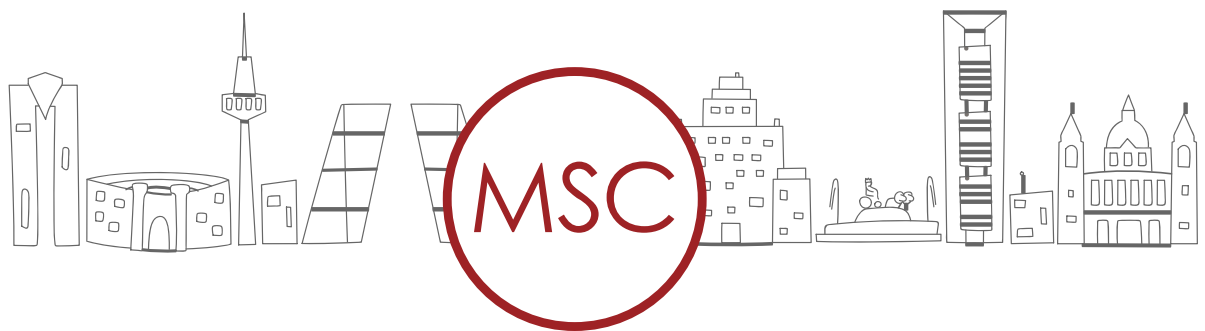
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