

SPECIAL DAY: 25TH MAY  
ELBOW TRAUMA:  
PEARLS & PITFALLS



SCIENTIFIC PROGRAM

# IACES 2019 - MADRID

## INTERNATIONAL ADVANCED COURSE ON **ELBOW** SURGERY

23RD, 24TH, 25TH MAY 2019



[WWW.MADRIDELBOWCOURSE.COM](http://WWW.MADRIDELBOWCOURSE.COM)

4TH MADRID ELBOW COURSE

# IACES 2019

## INTERNATIONAL ADVANCED COURSE ON ELBOW SURGERY



### UEMS - ACCREDITATION



The IACES 2019 - Madrid | International Advanced Course on Elbow Surgery, Madrid, Spain, 23/05/2019-25/05/2019 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 20 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).

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

### WITH THE PATRONAGE OF



Sociedad Española de Cirugía de Hombro y Codo



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### WELCOME ADDRESS

As part of our continuing efforts to spread the knowledge on elbow surgery, we will be organizing the fourth edition of the [Madrid International Advanced Course on Elbow Surgery, IACES 2019](#).

The first, second, and third editions were very successful, with more than 230 delegates from 35 countries and a fantastic feedback.

The [Madrid IACES 2019](#) will take place from May 23rd-25th 2019 at the same venue, Hotel Melia Castilla, in 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 with more than 20 speakers from Europe, USA and Canada. All of them are internationally recognized experts and opinion leaders on elbow surgery. We therefore expect, once more, delegates from all over the world to attend [IACES 2019](#). We truly believe [IACES](#) has been consolidated as an enjoyable meeting that helps us make elbow surgery more appealing for orthopaedic surgeons worldwide.

Whether you have already participated in this event or not, we hope you can join us during [Madrid-IACES 2019](#).  
Best Regards,

Welcome to Madrid!



**Chairman**  
Samuel Antuña (Spain)



**Chairman**  
Raul Barco (Spain)



**Chairman**  
Joaquín Sánchez Sotelo (USA)





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## GENERAL INFORMATION



### VENUE

#### MELIÁ CASTILLA HOTEL

Calle Capitán Haya, 43  
28020 – Madrid  
[www.meliacastilla.com](http://www.meliacastilla.com)



### CONTACT

#### TORRES PARDO

Calle Nápoles, 187 2º  
08013 Barcelona  
Tel +34 93 246 35 66  
[m.pedrals@torrespardo.com](mailto:m.pedrals@torrespardo.com)

### WEB/

[www.ices2019.com](http://www.ices2019.com)  
[www.madridelbowcourse.com](http://www.madridelbowcourse.com)

### REGISTRATION FEES/

BEFORE January 30th

Standard 550€

Trainee 300€

VAT Included

AFTER January 30th

Standard 700€

Trainee 450€





### FACULTY



**Adolfsson, Lars**  
Sweden



**Foruria, Antonio**  
Spain



**Rotini, Roberto**  
Italy



**Ali, Amjid**  
UK



**Jost, Bernhard**  
Switzerland



**Sánchez Sotelo, Joaquín**  
USA



**Antuña, Samuel**  
Spain



**King, Graham**  
Canada



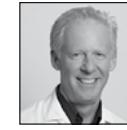
**Savoie, Buddy**  
USA



**Barco, Raúl**  
Spain



**Lópiz, Yaiza**  
Spain



**Schneeberger, Alberto**  
Switzerland



**Bernabeu, Daniel**  
Spain



**Lubiatowski, Przemyslaw**  
Poland



**Studer, Alexis**  
Spain



**Bravo, Elena**  
Spain



**Mansat, Pierre**  
France



**van Riet, Roger**  
Belgium



**Demirhan, Mehmet**  
Turkey



**Mckee, Michael**  
USA



**Watts, Adam**  
UK



**Eygendaal, Denise**  
The Netherlands



**Olsen, Bo**  
Denmark



**Wegmann, Kilian**  
Germany



**Dehghan, Niloofer**  
USA



**Orbay, Jorge**  
USA





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## PROGRAM AT A GLANCE\_THURSDAY / MAY 23

08:00 - 08:45 h

**START ME UP**  
Patient work-up

08:45 - 10:30 h

**DEGENERATIVE ELBOW**  
Elbow Arthritis: Non-Arthroplasty  
Options

10:30 - 11:00 h **Coffee Break**

11:00 - 11:30 h

**Live Cadaver Surgery**

11:30 - 13:00 h

**Primary Total Elbow Arthroplasty**

13:00 - 14:30 h **Lunch-Workshops**

14:30 - 15:40 h

**Failed Total Elbow Arthroplasty**

15:40 - 15:55 h

**Video session**

15:55 - 16:55 h

**Nerve Injury in Elbow Surgery**

16:55 - 17:10 h

**Video-technique**

17:10 - 17:45 h

**Go to the Booth**





### PROGRAM AT A GLANCE\_FRIDAY / MAY 24

08:00 - 09:30 h  
**ELBOW SEQUELAE**  
Postraumatic Elbow Stiffness

09:30 - 10:40 h  
Nonunion and Deformity  
around the elbow

10:40-11:10 h **Coffee Break**

11:10-11:40 h  
**Live Cadaver Surgery**

11:40 - 12:50 h  
Pain in the Elbow

12:50 - 13:40 h  
Instability

13:40 - 14:00 h  
**Live Cadaver Surgery**

14:00 - 15:30 h **Lunch-Workshops**

15:30 - 16:40 h  
Tendon Tears Around the Elbow

16:40 - 17:10 h  
**Live Cadaver Surgery**

18:00 - 18:20 h  
The Elbow Lecture

18:30 - 19:00 h  
Go to the Booth







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## PROGRAM AT A GLANCE \_SATURDAY / MAY 25

08:00 - 09:20 h  
**ACUTE TRAUMA**  
Distal Humerus

09:20-09:50 h **Coffee Break**

09:50 - 10:50 h  
**Acute Instability: from the simple to the complex**

10:50 - 11:25 h  
**The Radial Head Arthroplasty Debate**

11:25 - 11:35 h  
**Video Session**

11:35 - 12:05 h  
**Live Cadaver Surgery**

12:05 - 13:30 h  
**The Coronoid Debate**

13:30 h  
Adjourn





### SCIENTIFIC PROGRAM \_THURSDAY / MAY 23

07:30-07:50 Registration  
 07:50-08:00 Welcome and Introduction to "IACESworld"

#### START ME UP

##### Patient work-up

B. Olsen & A. Schneeberger

08:00-08:15 Physical examination of the elbow in a volunteer  
 J. Sánchez Sotelo  
 08:15-08:20 Live-US on the elbow in a volunteer  
 D. Bernabeu  
 08:20-08:35 Re-Live MRI-CT of the elbow  
 D. Bernabeu  
 08:35-08:45 Discussion

#### DEGENERATIVE ELBOW

##### Elbow Arthritis: Non-Arthroplasty Options

G. King & B. Jost

08:45-08:55 Primary and posttraumatic elbow OA: causes, presentation and evaluation  
 S. Antuña  
 08:55-09:05 Non-operative management of OA: rehab, injections, and biologics?  
 P. Lubiatowski  
 09:05-09:15 Arthroscopic osteocapsular arthroplasty  
 B. Savoie  
 09:15-09:25 Interposition arthroplasty  
 M. Demirhan  
 09:25-09:35 Discussion  
 09:35-09:45 Rheumatoid arthritis: non-prosthetic options and their outcome  
 B. Olsen  
 09:45-09:55 Elbow arthrodesis: is there an indication and what to expect?  
 A. Schneeberger  
 09:55-10:05 Radiocapitellar arthritis: non-prosthetic treatment options  
 A. Watts

10:05-10:15 Radiocapitellar arthritis: partial elbow replacement  
 D. Eygendaal  
 10:15-10:30 Case-based Discussion  
 L. Adolfsson

10:30-11:00 Coffee break 

11:00-11:30 **Live Cadaver Surgery**  
 Arthroscopic osteocapsular arthroplasty  
 B. Savoie 

#### Primary Total Elbow Arthroplasty

R. Barco & R. Van Riet

11:30-11:40 Total Elbow Arthroplasty: design principles  
 P. Mansat  
 11:40-12:10 How to approach TEA: mini-video battle on approach  
 11:40-11:45 Bryan-Morrey: the "original salsa"  
 R. Rotini  
 11:45-11:50 Bilaterotricipital: don't play with the triceps  
 S. Antuña  
 11:50-11:55 Paralaterotricipital: viewing the ulna  
 A. Studer  
 11:55-12:00 Paramediotricipital: save the nerve  
 A. Ali  
 12:00-12:10 Discussion  
 12:10-12:20 Unlinked (linkable) TEA. Is anatomical the road to the future?  
 G. King  
 12:20-12:30 Linked TEA. Hinging the elbow is the way to go  
 B. Jost  
 12:30-12:40 Results of the registry by implant type and primary condition (not trauma)  
 B. Olsen  
 12:40-13:00 Discussion

13:00-14:30 Lunch workshops 

For more information please see page 16



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## SCIENTIFIC PROGRAM \_THURSDAY / MAY 23

### Failed Total Elbow Arthroplasty

J. Sánchez Sotelo & L. Adolfsson

- 14:30-14:40 Infection after TEA: strategies for prevention  
**S. Antuña**
- 14:40-14:50 Infection after TEA: single-stage vs. double-staged surgery  
**B. Olsen**
- 14:50-15:00 Mechanical failure after TEA: the reasons and how to manage it  
**P. Mansat**
- 15:00-15:10 Bone loss after TEA  
**G. King**
- 15:10-15:20 Triceps deficiency after TEA: is it a problem and how to manage it?  
**B. Jost**
- 15:20-15:40 Discussion
- 15:40-15:55 **Video session**  
Tips and tricks in revision total elbow surgery  
**J. Sánchez Sotelo**



16:55-17:10



### Video-technique

Surgery of the ulnar nerve: from in situ to submuscular

**R. Barco**

17:10-17:45

### Go to the Booth

Case group Discussions with experts

### Nerve Injury in Elbow Surgery

P. Mansat & M. Demirhan

- 15:55-16:05 Neurologic injuries in elective elbow surgery  
**D. Eygendaal**
- 16:05-16:15 Neurologic injuries in elbow trauma: epidemiology and strategies for prevention  
**S. Antuña**
- 16:15-16:25 Primary ulnar nerve injury: when to decompress and when to transpose. Any evidence?  
**A. Foruria**
- 16:25-16:35 A therapeutic algorithm for nerve injury after elbow surgery: the hand specialist approach.  
**A. Studer**
- 16:35 -16:55 Discussion

### SCIENTIFIC PROGRAM \_FRIDAY / MAY 24

#### ELBOW SEQUELAE



##### Postraumatic Elbow Stiffness

D. Eygendaal & S. Antuña

- 08:00-08:10 Why does an elbow become stiff?  
*J. Sánchez Sotelo*
- 08:10-08:20 Open Release of the elbow.  
*R. Rotini*
- 08:20-08:30 Arthroscopic release of the elbow  
*P. Lubiatowski*
- 08:30-08:40 Heterotopic ossification limiting motion: is there a role for arthroscopy?  
*B. Savoie*
- 08:40-08:50 The ankylosed elbow: from distraction to TEA  
*P. Mansat*
- 08:50-09:00 Limitation of forearm rotation: The forgotten stiffness.  
*A. Watts*
- 09:00-09:30 Case-Based Discussion  
*Y. López*

##### Nonunion and Deformity around the elbow

K. Wegmann & M. Mckee

- 09:30-09:40 The role of 3D modelling for elbow sequelae  
*R. Van Riet*
- 09:40-09:50 ORIF and osteotomy for distal humerus nonunions and malunions  
*B. Jost*
- 09:50-10:00 Arthroplasty for distal humerus non unions and malunions  
*L. Adolfsson*
- 10:00-10:10 Radial head fracture sequelae: nonunion & malunion  
*G. King*
- 10:10-10:20 Olecranon nonunion and malunion: what are my options?  
*A. Ali*
- 10:20-10:40 Discussion
- 10:40-11:10 Coffee break 
- 11:10-11:40 **Live Cadaver Surgery**  
Step by step radial head arthroplasty  
*A. Foruria* 

##### Pain in the Elbow

A. Ali & A. Foruria

- 11:40-11:50 Radial nerve entrapment in the elbow: how to diagnose and how to treat?  
*A. Studer*
- 11:50-12:00 Lateral epicondylitis treatment: from zero to surgery. What surgery?  
*M. Demirhan*
- 12:00-12:10 Plica: anterolateral, posterolateral, circumferential?  
*P. Lubiatowski*
- 12:10-12:20 Osteocondritis of the capitellum: how to optimize the results?  
*D. Eygendaal*
- 12:20-12:30 Medial sided pain: only epicondylitis?  
*A. Schneeberger*
- 12:30-12:50 Discussion

##### Instability

A. Watts & R. Rotini

- 12:50-13:00 Understanding valgus extension-overload syndrome  
*A. Schneeberger*
- 13:00-13:10 Chronic medial ligament insufficiency: is Tommy John the name to remember?  
*D. Eygendaal*
- 13:10-13:20 Chronic lateral ligament insufficiency: I prefer repair and augment  
*B. Savoie*
- 13:20-13:30 Chronic lateral ligament insufficiency: I prefer reconstruction  
*J. Sánchez Sotelo*
- 13:30-13:40 Discussion
- 13:40-14:00 **Live Cadaver Surgery**  
LCL reconstruction using palmaris graft  
*J. Sánchez Sotelo* 

14:00-15:30

Lunch Workshops



For more information please see page 16



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## SCIENTIFIC PROGRAM \_FRIDAY / MAY 24

### Tendon Tears Around the Elbow

B. Savoie & A. Studer

- 15:30-15:40 Understanding the footprint anatomy of biceps and triceps  
Y. Lópiz
- 15:40-15:50 Partial tears of the biceps: debride or repair  
R. Van Riet
- 15:50-16:00 I like single anterior incision for DBT: my tips and tricks  
A. Watts
- 16:00-16:10 Two incisions is better for DBT: The classic  
J. Sánchez Sotelo
- 16:10-16:20 Risks and benefits of anatomic Repair: Is it really worth it?  
R. Barco
- 16:20-16:40 Discussion

16:40-17:10

### Live Cadaver Surgery

Distal biceps repair

R. Barco



17:10-17:20

Triceps tendon tears ("the elbow cuff"): single row, double row, TOE?

R. Barco

17:20-17:30

Grafting chronic biceps tears. Tips and tricks.

M. Demirhan

17:30-17:40

Grafting chronic triceps injuries. Tips and tricks

R. Van Riet

17:40-18:00

Discussion

18:00 -18:20

### THE ELBOW LECTURE

B. Savoie

18:30- 19:00

### Go to the Booth:

Case group discussions with experts



# IACES 2019

## INTERNATIONAL ADVANCED COURSE ON ELBOW SURGERY

**SPECIAL DAY: 25TH MAY**  
**ELBOW TRAUMA:**  
**PEARLS & PITFALLS**

### SCIENTIFIC PROGRAM \_SATURDAY / MAY 25

#### ACUTE TRAUMA

##### Distal Humerus

P. Lubiowski & J. Sánchez Sotelo

08:00-08:10 ORIF for column fractures of the distal humerus: parallel, perpendicular or both?

N. Dehghan

08:10-08:20 ORIF of distal articular humeral fractures: Tips and Tricks

Y. Lópiz

08:20-08:30 ARIF of distal humeral fractures

B. Savoie

08:30-08:40 Hemiarthroplasty for fractures: The ideal candidate

L. Adolfsson

08:40-08:50 TEA for fractures: Indications and technical tips.

A. Foruria

09:10-09:20 Discussion

09:20-09:50 Coffee break 

#### Acute Instability: from the simple to the complex

Y. Lópiz & A. Foruria

09:50-10:00 Simple elbow dislocation: reduce and run?

M. Demirhan

10:00-10:10 ORIF of Radial Head: Do it right from the beginning

M. McKee

10:10-10:20 ARIF of Radial Head: Is it coming back?

K. Wegmann

10:20-10:30 Longitudinal Instability of the Forearm: my treatment from acute to chronic

A. Watts

10:30-10:40 Biomechanics of the PRUJ and its implications on radial head replacement

J. Orbay

10:40-10:50 Discussion

#### 10:50-11:25 The Radial Head Arthroplasty Debate

J. Orbay & L. Adolfsson

##### Fixation and design: The winner is...

5' Smooth non-anatomic RHA

G. King

5'

Press-fit Anatomic RHA

J. Sánchez Sotelo

5'

Press fit non Anatomic RHA

M. McKee

5'

Cemented Bipolar RHA

P. Mansat

11:10-11:25

Discussion

11:25-11:35



#### Video session: Surgical Technique

Radial head replacement

Getting it right (Re-live video)

G. King

11:35-12:05

#### Live Cadaver Surgery

ORIF of a fracture of the radial head

K. Wegmann



12:05-12:25

#### The Coronoid Debate

R. Barco & J. Sánchez Sotelo

Basics of coronoid anatomy

A. Schneeberger

5'

Coronoid fractures:

When ORIF is not needed

A. Foruria

5'

Coronoid fractures:

When ORIF is required

M. McKee

5'

Coronoid fractures:

When ARIF is a good option

K. Wegmann

12:25-12:40

Discussion

12:40-12:50

The terrible triad: modern treatment.

R. Rotini

12:50-13:00

In my follow-up RX the elbow is subluxed: what do I do now?

N. Dehghan

13:00-13:10

Proximal ulnar fractures:

From simple to complex

A. Ali

13:10-13:20

My ORIF is good, but skin looks terrible:

Call the plastic!!

E. Bravo

13:20 -13:30

Discussion

13:30

Adjourn



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## LIVE CADAVER SURGERY

### THURSDAY / MAY 23

11:00-11:30



**Live Cadaver Surgery**  
Arthroscopic osteocapsular  
arthroplasty  
B. Savoie

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**STORZ**  
KARL STORZ - ENDOSCOPE

### FRIDAY / MAY 24

11:10-11:40



**Live Cadaver Surgery**  
Step by step radial head  
arthroplasty  
A. Foruria

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+ **acumed**

13:40-14:00



**Live Cadaver Surgery**  
LCL reconstruction  
using palmaris graft  
J. Sánchez Sotelo

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**IdiPAZ**  
Instituto de Investigación  
Hospital Universitario La Paz

16:40-17:10



**Live Cadaver Surgery**  
Distal biceps repair  
R. Barco

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**Arthrex**

### SATURDAY / MAY 25

11:35-12:05



**Live Cadaver Surgery**  
ORIF of a fracture  
of the radial head  
K. Wegmann

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**medartis**



### VIDEO SESSION & TECHNIQUE

#### THURSDAY / MAY 23



15:40-15:55

**Video session**

Tips and tricks  
in revision total elbow surgery

J. Sánchez Sotelo



16:55-17:10

**Video-technique**

Surgery of the ulnar nerve:  
from in situ to submuscular

R. Barco

#### SATURDAY / MAY 25



11:25-11:35

**Video session: Surgical Technique**

Radial head replacement  
Getting it right (Re-live video)

G. King

### LUNCH WORKSHOPS

#### THURSDAY / MAY 23

13:00-14:30

**Lunch Workshop**

**Advances in the Treatment of Elbow Fractures and Arthritis**

Distal Humeral Fractures

Graham King

Latitude EV Design Rational and Surgical Technique

Graham King

Current Results in Total Elbow Arthroplasty

Graham King

Revision Elbow Arthroplasty

Roger van Riet

Q&A

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#### FRIDAY / MAY 24

14:00-15:30

**Lunch Workshop**

**The managing of the unstable elbow**

a) terrible triad

b) chronic instability

c) posteromedial instability

J. Orbay

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