

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

4TH MADRID ELBOW COURSE



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.

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





23RD, 24TH, 25TH MAY 2019

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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



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WEB/

www.ices2019.com
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



Lubiowski, 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





23RD, 24TH, 25TH MAY 2019

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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 15



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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. Lubiowski
- 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. Lubiowski
- 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. Sanchez Sotelo



14:00-15:30

Lunch Workshops



For more information please see page 15



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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. Sanchez Sotelo

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IdiPAZ
Instituto de Investigación en Ciencias
Médicas y Biomédicas de Zaragoza

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

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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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