### Types of course and registration

There are 5 options for registration: BASIC, BASIC PLUS, ADVANCED, FULL and THEORETICAL.

- The **BASIC course registration** includes attendance to the course on the first day, (theoretical and practical parts) plus the two theoretical sessions of the ADVANCED morning. Attendance certificate, access to the web and the video techniques, transport by bus to the course from the selected hotels and coffees (3 days) and work lunch (only 12th Feb).

- The **BASIC PLUS course registration** includes the BASIC course the possibility to attend as an observer* to the ADVANCED course in the Cadaver Lab sessions. Attendance certificate, access to the web and video techniques, transport by bus to the course from the selected hotels and coffees/work lunches of the three days.

- The **ADVANCED course registration** includes the complete attendance to the theoretical and practical sessions on the 13th-14th Feb. Attendance certificate, access to the web and the video techniques, transport by bus to the course from the selected hotels and coffee/work lunch in the two days.

- The **FULL course registration** supposes the attendance of the 2 courses both theoretical and practical. Attendance certificate, access to the web and the video techniques, transport by bus to the course from the selected hotels and coffee/work lunch in the three days.

- The **THEORETICAL course registration** allows the attendance to the morning sessions of the 3 days, without the possibility of access to the practical sessions. Attendance certificate, access to the web and the video techniques, transport by bus to the course from the selected hotels and coffee in the three days.

### BASIC course

<table>
<thead>
<tr>
<th>DAY/SESSION</th>
<th>Wed 12th</th>
<th>Thurs 13th</th>
<th>Fri 14th</th>
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<tbody>
<tr>
<td>MORNING</td>
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### BASIC PLUS course

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### ADVANCED course

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### FULL course

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### THEORETICAL course

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<td>COURSE</td>
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</tbody>
</table>
Course director: Pedro J. Delgado
Head of Orthopaedic Surgery Department
Head of Hand and Upper Extremity Surgery Unit
Hospital Universitario HM Montepincé, HM Hospitales.
Hospital Universitario HM Nuevo Belén, HM Hospitales
Associate Professor, Facultad de Medicina. Universidad CEU San Pablo.
Boadilla del Monte, Madrid, Spain.

Organising & Scientific Committee:
Pedro J. Delgado
Federico A. Figueredo
Belén García Medrano
Mario Gil de Rozas
Ricardo Kaempf
Fernando Polo Simón
Fernando Rouaud

National Faculties:

Vicente Carratalá
H. Quirónsalud
Valencia, Spain

Mireia Esplugas
Instituto Kaplan
Barcelona, Spain

Joaquín Cañas
H. Un. de Bellvitge
Trauma Unit. Clínica Teknon
Barcelona, Spain

Belén García Medrano
H. Un. HM Montepincé
H. Un. HM Nuevo Belén
Madrid, Spain

Fernando Corella
H. Infanta Leonor
H. Quirónsalud
Madrid, Spain

Pau López-Osorbo
Mutua Universal
Trauma Unit. Clínica Teknon
Barcelona, Spain

Jaime de la Torre
Trauma Unit. Clínica Teknon
Barcelona, Spain

Cristóbal Martínez
Trauma Unit. Clínica Teknon
Barcelona, Spain. H. Quirónsalud
Valencia, Spain

Pedro J. Delgado
H. Un. HM Montepincé
H. Un. HM Nuevo Belén
Instituto Europeo de Cirugía Reconstructiva (IECR)
Madrid, Spain

Fernando Polo
H. Un. HM Montepincé
Mutua Universal
Madrid, Spain

International Faculties:

Marcio A. Altm
Facultade de Medicina do ABC
Sao Paulo, Brasil

Andrea Atzei
Casa di Cura “Giovanni XXIII”
Monasteri di Treviso
Università di Verona
Treviso, Italy.

Gabriel Clemmosky
Clínica de la Mano Buenos Aires (CLIMBA)
Arthro
Buenos Aires, Argentina

Lorenzo Merlina
International Wrist Center (IWC)
Institut de la Main, Clinique Bizet
Paris, France

Pak Cheong Ho
Prince of Wales Hospital
The Chinese University of Hong Kong
China

J. Henk Coert
Plastic and reconstructive hand surgery UMC Utrecht
Utrech, The Netherlands

Carlos Zaidenberg
Practica privada
Buenos Aires, Argentina

HIGHLIGHTED TOPICS
Scaphoidunate ligament reconstruction
TFCC injuries
New concepts in ligament injuries
Fractures and dislocations
Reconstruction surgery for articular injuries
CMC & small joints

KEY ISSUES
Live surgeries with discussion in the theatre
Open discussions in real time through Apps
Practise of Basic & Advanced techniques in labs
Conference about IT and MIS techniques
Masterclass in labs carry out by the speakers
MADRID Wrist Course

BASIC COURSE
Wednesday 12th

08:00-08:15 h. Registration
08:15-08:30 h. Welcome address and course presentation

LECTURE SESSION

08:30-08:45 h. Arthroscopy anatomy and radiocarpal/midcarpal portals
Mireia Esplugas

08:45-09:00 h. Complications in wrist arthroscopy
Dimitrios Karadaglis

09:00-09:15 h. Arthroscopic treatment of volar cyst of the wrist
Jaime de La Torre

09:15-09:30 h. Arthroscopic treatment of dorsal cyst of the wrist
Gabriel Clembosky

09:30-09:45 h. Discussion

09:45-10:00 h. Peripheral FCT injuries
Carlos Zaidenberg

10:00-10:15 h. Foveal FCT injuries
Pau López-Orsorio

10:15-10:30 h. Arthroscopic distal ulna resection (wafer)
Fernando Polo

10:30-10:45 h. Distal ulna osteotomies for ulnocarpal impingement: indications & technique
Belen García Medrano

10:45-11:00 h. Discussion

11:00-11:30 h. Coffee break

11:30-11:45 h. Scapholunate instability, Classification and treatment
Fernando Corella

11:45-12:00 h. Capsuloligamentous repair of the scapholunate tears
Vicente Carratalá

12:00-12:15 h. Arthroscopic assisted scaphoid fixation
Cristóbal Martínez

12:15-12:30 h. CMC & STT osteoarthritis. Arthroscopic treatment
Joaquín Casañas

12:30-12:45 h. Mini-invasive approach for DRF
Pedro J. Delgado

12:45-13:00 h. Discussion

13:00-13:30 h. Clinical case discussion | All faculties

13:30-14:15 h. Group photo & lunch

HANDS-ON COURSE (Cad - Lab)

14:30-15:00 h. Video-technique & practice 1: Portal placement and diagnostic wrist arthroscopy
Mireia Esplugas

15:00-15:30 h. Video-technique & practice 2: Scapholunate capsulodesis (single suture)
Fernando Corella

15:30-16:00 h. Video-technique & practice 3: Debridement, synovectomy and ganglionectomy
Jaime de La Torre

16:00-16:30 h. Video-technique & practice 4: Wafer procedure, radial styloectomy
Fernando Polo

16:30-17:00 h. Video-technique & practice 5: Arthroscopic assisted scaphoid fixation
Cristóbal Martínez

17:00-17:30 h. Video-technique & practice 6: Arthroscopic scaphoid distal pole resection
Joaquín Casañas

17:30-18:00 h. Video-technique & practice 7: TFCC peripheral repair
Pau López-Orsorio

18:00-18:15 h. MASTERCLASS: DISTAL RADIUS FIXATION USING A NEW MINI-INVASIVE APPROACH
Pedro J. Delgado

18:15-18:45 h. Video-technique & practice 8: Mini-invasive approach and distal radius fixation
Gabriel Clembosky

18:45-19:15 h. Video-technique & practice 9: Ulnar shortening osteotomy
Belen García Medrano

19:15-19:30 h. End of basic course. Closing remarks
08:00-08:15 h. Registration
08:15-08:30 h. Welcome address and course presentation

**DAY ONE - LECTURES**

**Session 1: Scapholunate ligament reconstruction**
Chairman: Fernando Corella
08:30-08:45 h. WALANT dynamic arthroscopy for scapholunate instability
Mireia Esplugas

08:45-09:00 h. Arthroscopic dorsal capsulodesis for SL tear
Lorenzo Merlini

09:00-09:15 h. Arthroscopic volar & dorsal repair for chronic SLD
Pak Cheong Ho

09:15-09:30 h. Arthroscopic scapholunate ligament reconstruction
Gabriel Clembosky

09:30-09:45 h. S-shaped ligamentoplasty for chronic floating lunate
Fernando Corella

09:45-10:00 h. Discussion

**LIVE SURGERY 1**
10:00-10:40 h. Coffee break

**Session 2: TFCC injuries**
Chairman: Vicente Carratalá
11:00-11:15 h. Classification of TFCC tear: are usefull?
Dimitrios Karadaglis

11:15-11:30 h. Arthroscopic management of TFCC injuries
Jeffrey Yao

11:30-11:45 h. TFCC foveal fixation without tunnels or anchors: “around styloid technique”
Gustavo Mantovani

11:45-12:00 h. Surgical review of TFCC injuries
Carlos Zaidenberg

12:00-12:15 h. Arthroscopic DRUJ ligamentoplasty: when and how?
Vicente Carratalá

12:15-12:30 h. Discussion

**HANDS-ON COURSE (Cad - Lab)**
13:00-13:15 h. Reconstruction of the LT ligament
Marcio Aita

13:15-13:30 h. Midcarpal instability of the wrist. Arthroscopic treatment
Andrea Atzei

13:30-13:45 h. Longitudinal instability of forearm
Jeffrey Yao

13:45-14:00 h. Distal oblique band reconstruction. New perspectives and indications
Pedro J. Delgado

14:00-14:15 h. Group photo & lunch

**Session 3: New concepts in ligament injuries**
Chairman: Joaquim Casahñas
14:15-14:30 h. Reconstruction of the LT ligament
Marcio Aita

14:30-14:45 h. Midcarpal instability of the wrist. Arthroscopic treatment
Andrea Atzei

14:45-14:50 h. Longitudinal instability of forearm
Jeffrey Yao

14:50-14:55 h. Distal oblique band reconstruction. New perspectives and indications
Pedro J. Delgado

14:55-15:10 h. Group photo & lunch

**Session 4: TFCC injuries**
Chairman: Vicente Carratalá
15:10-15:25 h. Classification of TFCC tear: are usefull?
Dimitrios Karadaglis

15:25-15:40 h. Arthroscopic management of TFCC injuries
Jeffrey Yao

15:40-15:55 h. TFCC foveal fixation without tunnels or anchors: “around styloid technique”
Gustavo Mantovani

15:55-16:10 h. Surgical review of TFCC injuries
Carlos Zaidenberg

16:10-16:25 h. Arthroscopic DRUJ ligamentoplasty: when and how?
Vicente Carratalá

16:25-16:40 h. Discussion

**MASTERCLASS 1: NANOENDOSCOPY OF THE WRIST: NANOSCOPE**
Pedro J. Delgado
16:30-17:15 h. Video-technique & practice 4: TFCC foveal repair (transosseous & suture anchors)
Jeffrey Yao

17:15-18:00 h. MASTERCLASS 2: ARTHROSCOPIC TRI-ESPIRAL LIGAMENTOPLASTY
Andrea Atzei

18:00-18:45 h. Video-technique & practice 5: Arthroscopic assisted intraarticular DR osteotomy
Pak Cheong Ho

18:45-19:30 h. MASTERCLASS 3: DISTAL RADIUS OSTEOTOMY WITH GUIDES PSI-NEWCLIP
Pedro J. Delgado

19:30-19:35 h. Day 1 closing session
# ADVANCED COURSE

## DAY 2 - LECTURES

### Session 4: Fractures and dislocations

**Chairman: Cristóbal Martínez**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:30-08:45 h.</td>
<td>Arthroscopic assisted fixation of the distal radius fracture</td>
<td>Carlos Zaidemberg</td>
</tr>
<tr>
<td>08:45-09:00 h.</td>
<td>Arthroscopic reduction and fixation of fractures-dislocations of the wrist</td>
<td>Marcio Aita</td>
</tr>
<tr>
<td>09:00-09:15 h.</td>
<td>Arthroscopic assisted fixation and bone grafting for scaphoid non-union</td>
<td>Fernando Corella</td>
</tr>
<tr>
<td>09:15-09:30 h.</td>
<td>Arthroscopic assisted intraarticular DR osteotomy</td>
<td>Pedro J. Delgado</td>
</tr>
<tr>
<td>09:30-09:45 h.</td>
<td>Mid-term FU of osteochondral graft for intraarticular malunion of the DRF</td>
<td>Henk J. Coert</td>
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<tr>
<td>09:45-10:00 h.</td>
<td>Discussion</td>
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<tr>
<td>10:00-10:40 h.</td>
<td><strong>LIVE SURGERY 3</strong></td>
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<tr>
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<tr>
<td>10:40-11:00 h.</td>
<td><strong>Session 5: Reconstruction surgery for articular injuries</strong></td>
<td><strong>Chairman: Pau López-Osornio</strong></td>
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<tr>
<td>11:00-11:15 h.</td>
<td>Arthroscopic intercarpal fusions</td>
<td>Pak Cheong Ho</td>
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<tr>
<td>11:15-11:30 h.</td>
<td>SLAC wrist. Arthroscopic treatment</td>
<td>Dimitrios Karadaglis</td>
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<tr>
<td>11:30-11:45 h.</td>
<td>Arthroscopic treatment of chondral wrist injuries</td>
<td>Pau López-Osornio</td>
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<tr>
<td>11:45-12:00 h.</td>
<td>Arthroscopic bone graft for lunate bony ganglion</td>
<td>Lorenzo Merlini</td>
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<tr>
<td>12:00-12:15 h.</td>
<td>DRUJ arthroplasty. State of the art</td>
<td>Henk J. Coert</td>
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<td>12:15-12:30 h.</td>
<td>Discussion</td>
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### Session 6: CMC & small joints

**Chairman: Mireia Esplugas**

<table>
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<th>Topic</th>
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<tbody>
<tr>
<td>13:00-13:15 h.</td>
<td>Arthroscopic CMC joint arthritis</td>
<td>Joaquim Casañas</td>
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<td>13:15-13:30 h.</td>
<td>Arthroscopic treatment of STT osteoarthritis</td>
<td>Andrea Atzei</td>
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<tr>
<td>13:30-13:45 h.</td>
<td>MP arthroscopy: indications and techniques</td>
<td>Gustavo Mantovani</td>
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<tr>
<td>13:45-14:30 h.</td>
<td>Lunch</td>
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### HANDS-ON COURSE (Cad - Lab)

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<tr>
<td>14:30-15:00 h.</td>
<td><strong>Video-technique &amp; practice 6:</strong> Arthroscopic scaphoid fixation and bone grafting</td>
<td>Fernando Corella</td>
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<tr>
<td>15:00-15:30 h.</td>
<td><strong>Video-technique &amp; practice 7:</strong> Arthroscopic intercarpal fusion</td>
<td>Marcio Aita</td>
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<tr>
<td>15:30-16:00 h.</td>
<td><strong>MASTERCLASS 4: ARTHROSCOPIC DRUJ LIGAMENTOPLASTY</strong></td>
<td>Vicente Carratalá</td>
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<td>16:00-16:30 h.</td>
<td><strong>Video-technique &amp; practice 8:</strong> MP arthroscopy</td>
<td>Gustavo Mantovani</td>
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<tr>
<td>16:30-17:00 h.</td>
<td><strong>Video-technique &amp; practice 9:</strong> Arthroscopic trapeziectomy &amp; MicroLink suspension</td>
<td>Joaquim Casañas</td>
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<tr>
<td>17:00-17:30 h.</td>
<td><strong>MASTERCLASS 5: COLLAGEN GEL FOR CHONDRAL DEFECTS BY ARTHROSCOPY</strong></td>
<td>Pedro J. Delgado</td>
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<td>17:30-18:00 h.</td>
<td><strong>Video-technique &amp; practice 10:</strong> Bone fusion with BME system</td>
<td>Pau López-Osornio</td>
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<td>18:00-18:30 h.</td>
<td><strong>MASTERCLASS 6: TOTAL WRIST ARTHROPLASTY. MOTEX SYSTEM</strong></td>
<td>Fernando Corella</td>
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<tr>
<td>18:30-18:40 h.</td>
<td>End of advanced course. Closing remarks</td>
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