

ULTRASOUND-GUIDED UPPER LIMB SURGERY



ircad
France
STRASBOURG
UNIVERSITY



DATES

JANUARY 16 - 17

COURSE SUPERVISOR

C. Mathoulin (FR)

MAY 29 - 30

GENERAL DIRECTORS

O. Mares (FR)

J.M. Cognet (FR)

INTERNATIONAL FACULTY OF EXPERTS

COURSE SUPERVISOR

C. Mathoulin (FR)

GENERAL DIRECTORS

O. Mares (FR)

J.M. Cognet (FR)

FACULTY PANEL

T. Apard (FR)

F.X. Ferreira (ES)

F. MOUNGONDO (BE)

M. Cromheecke (BE)

B. Jurbala (US)

B. MOUTINOT (CH)

F. Davila Fernandez (ES)

S. Kluge (DE)

C. NUNES (PT)

E. De Keating-Hart (FR)

F. Loisel (FR)

M. ROUSIÉ (FR)

J. Escobar (CO)

MORE INFORMATIONS
ABOUT OUR COURSES



WWW.IRCAD.FR

8:15 am | REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:30 am | THEORETICAL SESSION 1

SETUP AND USE OF THE ULTRASOUND MACHINE

- Getting started with ultrasound-guided surgery
- Ultrasound-guided anatomical landmarks and corresponding radiological anatomy
- Ultrasound techniques

9:45 am | HANDS-ON SESSION 1

STANDARD EXPLORATION OF ANATOMICAL STRUCTURES AND MAIN LANDMARKS IN THE HAND, WRIST AND ELBOW

- The epicondyle
- The ulnar nerve in the elbow
- The lacertus
- The path of the extensor pollicis brevis and abductor pollicis longus
- The distal radius and the distal radioulnar joint (DRUJ)
- The carpal tunnel
- The digital tunnel
- Ultrasound-guided infiltration of the upper limb

12:30 pm | LUNCH AT THE INSTITUTE

1:30 pm | THEORETICAL SESSION 2

THE HAND

- Carpal tunnel: retrograde technique & anterograde technique
- The long finger trigger finger
- The thumb trigger finger
- Lacertus: anterograde technique & retrograde technique

2:45 pm | HANDS-ON SESSION 2

TECHNICAL SKILLS UNDER ULTRASOUND GUIDANCE

- Release of flexor tendons, A1 pulley release
- Release of flexor pollicis longus
- Division of the flexor retinaculum: retrograde technique & anterograde technique

6:00 pm | END OF SESSION

8:00 pm | DINNER IN HONOR OF THE PARTICIPANTS

8:15 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS

8:30 am | THEORETICAL SESSION 3

WRIST AND ELBOW

- Ulnar nerve without transposition
- De Quervain's tenosynovitis
- Radius fractures
- Epicondylitis
- Compartment syndrome

9:45 am | HANDS-ON SESSION 3

TECHNICAL SKILLS UNDER ULTRASOUND

- Release of ulnar nerve
- Release of the median nerve at the elbow
- How to avoid complications where the nerve branches are located
- Division of ECRB
- Release of APB and EPB
- Reduction and osteosynthesis of distal radius fracture under ultrasound control
- Epicondylitis

1:30 pm | LUNCH AT THE INSTITUTE

2:15 pm | THEORETICAL SESSION 4

THE CONTRIBUTION OF ULTRASOUND TO MY PRACTICE

- My surgical office practice: new technologies

**3:00 pm | END OF THE COURSE
DELIVERY OF CERTIFICATES OF ATTENDANCE**