



Sunday, 19 October 2025

08:00 am – 12:00 pm

PAEDIATRIC PROCEDURAL WORKSHOP

Target Audience: Paediatricians from all subspecialties
No prior ultrasound experience required.

Participants will learn to:

- Review anatomical knowledge in children and adults
- Recognise the main indications for intraosseous access
- Recognise contraindications

Teaching programme:

- Intraosseous Access
 - Anatomical and physiological principles
 - Review of insertion sites
- Indications for IOD in adults and children
- Review of the different IOD systems: manual, percussion and drill
- Learn how to insert using a drill
 - Handling
 - Insertion at different sites (humeral and femoral)
 - Verification
 - Principles of administering different fluids and medications
- Contraindications to IOD

- Training in lumbar puncture (LP) and/or intrathecal injection

Participants will learn to:

- Become familiar with the recommendations
- Review and update your theoretical knowledge of lumbar punctures
- Explain the procedure to patients in simple terms and answer their questions
- Perform a lumbar puncture using atraumatic needles
- Perform subcutaneous local anaesthesia
- Perform a lumbar puncture under ultrasound guidance
- Measure cerebrospinal fluid pressure
- Perform an intrathecal injection





- Pleural and abdominal drainage procedure

Interactive discussions practices regarding the drainage of pleural/abdominal cavities using ultrasound

- Discussion of the clinical indications and role of drainage
- Landmarks identification and special situations discussion
- Discussion of technic and materials
- Recognize the limitations and high risk situations
- Training

