



Skills course
Thoracoscopy and Pleural Techniques
18-21 October 2023
Marseille, France

Day 1 - Wednesday

- 08:30 – 08:50** Welcome
- 08:50 – 09:00** Introduction and description of the course
Philippe Astoul (Marseille, France)
- 09:00 – 09:45** Pleural anatomy and physiology of the pleural space
Philippe Astoul (Marseille, France)
- 09:45 – 10:30** Blind pleural biopsy: it still remains available nowadays
Julie Tronchetti and Jean-Baptiste Lovato (Marseille, France)
- 10:30 – 10:45** *Break*
- 10:45 – 11:45** Medical Thoracoscopy: basic approach
Philippe Astoul (Marseille, France)
- 11:45 – 12:30** How to anticipate and diagnose iatrogenic complications of thoracoscopy
Philippe Astoul (Marseille, France)
- 12:30 – 12:40** Introduction for practical sessions
Philippe Astoul (Marseille, France)

12:40 – 14:00 *Lunch Break*

HANDS ON WORKSHOPS

- 14:00 – 16:30** **Workstations**
Artificial pneumothorax – Pleural exploration (single point of entry) – Parietal pleura biopsy (optical biopsy forceps) – Removal of endopleural foreign body

Hands-on workshop on models. Participants will be divided in 3 groups according to their level of experience. After a brief initial demonstration, every participant will have time for personal training in each workstation under staff supervision.

All times are in Central European Time (CET).

Day 2 - Thursday

- 09:00 – 09:45** Pleural Imaging: what do Pulmonologists have to know?
Paul Habert (Marseille, France)
- 09:45 – 10:30** Chest sonography: How can it help us for pleural maneuvers?
Gilles Mangiapan (Créteil, France)
- 10:30 – 11:00** Anaesthesia for thoracoscopy: is it a so 'light' procedure?
Charles-Hugo Marquette (Nice, France)
- 11:00 – 11:15** *Break*
- 11:15 – 11:45** Management of recurrent malignant pleural effusions
Philippe Astoul (Marseille, France)
- 11:45 – 12:30** Management of Primary spontaneous pneumothorax
Charles-Hugo Marquette (Nice, France)
- 12:30 – 14:00** *Lunch Break*

HANDS ON WORKSHOPS

- 14:00 – 16:30** **Workstations**
Second point of entry – Pleural exploration with two hands – Use of coagulating forceps – Pleural poudrage
- Hands-on workshop on models. Participants will be divided in 3 groups according to their level of experience. After a brief initial demonstration, every participant will have time for personal training in each workstation under staff supervision.

Day 3 - Friday

- 09:00 – 09:30** Thoracoscopy in short term hospitalisation
Philippe Astoul (Marseille, France)
- 09:30 – 10:15** Nonspecific pleuritis after thoracoscopy
Ales Rozman (Golnik, Slovenia)
- 10:15 – 11:00** Empyema: How to prevent progression to stage III disease
Philippe Astoul (Marseille, France)
- 11:00 – 11:15** *Break*

All times are in Central European Time (CET).

- 11:15 – 12:00** Pleural exudates: role of thoracoscopy
Marios Froudarakis (St-Etienne, France)
- 12:00 – 12:30** Pleural drainage techniques and clinical cases
Jean-Baptiste Lovato and Julie Tronchetti (Marseille, France)
- 12:30 – 14:00** *Lunch Break*

HANDS ON WORKSHOPS (afternoon)

14:00 – 16:30 **Workstations**

Management of bleeding – Management of air-leak – Others pleural manoeuvres

Hands-on workshop on models. Participants will be divided in 3 groups according to their level of experience. After a brief initial demonstration, every participant will have time for personal training in each workstation under staff supervision.

Day 4 - Saturday

- 09:00 – 09:45** Flexi-rigid thoracoscopy: advantages and drawbacks
Ales Rozman (Golnik, Slovenia)
- 09:45 – 10:30** Medical Thoracoscopy: how to start?
Marios Froudarakis (St-Etienne, France)
- 10:30 – 11:00** Medical Thoracoscopy: how to design an educational program?
Philippe Astoul (Marseille, France)
- 11:00 – 11:15** *Break*
- 11:15 – 12:30** Open discussion ('pot pourri') and hands-on around (models):
- *Pleural ultrasound*
 - *PleurX management*
 - *Indwelling pleural catheter placement*
- 12:30** End of the course

Contact: education@ersnet.org

All times are in Central European Time (CET).