



Skills courses
Thoracoscopy and Pleural Techniques Course
20-23 March 2024
Marseille, France

Day 1 - Wednesday

08:30 – 08:50	Welcome
08:50 – 09:00	Introduction and description of the course <i>Philippe Astoul (Marseille, France)</i>
09:00 – 09:45	Anatomy and applied physiology of the pleural space <i>Philippe Astoul (Marseille, France)</i>
09:45 – 10:30	Pleural imaging: what do pulmonologists have to know? <i>Paul Habert (Marseille, France)</i>
10:30 – 10:45	<i>Break</i>
10:45 – 11:30	Blind pleural biopsy: it still remains available nowadays <i>Julie Tronchetti/Jean-Baptiste Lovato (Marseille, France)</i>
11:30 – 12:30	Medical thoracoscopy: basic approach <i>Philippe Astoul (Marseille, France)</i>
12:30 – 12:40	Introduction for practical sessions <i>Philippe Astoul (Marseille, France)</i>
12:40 – 14:00	<i>Lunch Break</i>

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.
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All times are in Central European Time (CET).

Day 2 - Thursday

- 09:00 – 09:45** Pleural exudates: role of thoracoscopy
Bernard Duysinx (Liège, Belgium)
- 09:45 – 10:30** Chest sonography: How can it help us for pleural maneuvers?
Gilles Mangiapan (Créteil, France)
- 10:30 – 11:00** Management of Primary spontaneous pneumothorax
Philippe Astoul (Marseille, France)
- 11:00 – 11:15** *Break*
- 11:15 – 12:00** Management of recurrent malignant pleural effusions
Marios Froudarakis (St Etienne, France)
- 12:00 – 12:30** Local anaesthetic pleuroscopy for unexplained exudative pleural effusion - How I do it?
Gilles Mangiapan (Créteil, France)
- 12:30 – 14:00** *Lunch Break*

HANDS ON WORKSHOPS

- 13:30 – 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** Management of Recurrent Transudative Pleural Effusion: which procedure?
Jose M Porcel (Lleida, Spain)
- 09:30 – 10:15** Nonspecific Pleuritis after Thoracoscopy
Ales Rozman (Golnik, Slovenia)
- 10:15 – 11:00** Management of Empyema: How to avoid surgery?
Marios Froudarakis (St Etienne, France)
- 11:00 – 11:15** *Break*
- 11:15 – 11:45** Medical thoracoscopy in absence of pleural effusion
Philippe Astoul (Marseille, France)

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11:45 – 12:30 Chest tube drainage of the pleural space: Indications, Techniques, Pitfalls, and Complications
Jose M Porcel (Lleida, Spain)

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 How to anticipate and diagnose iatrogenic complications of thoracoscopy
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

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