

## Thoracoscopy and Pleural Techniques Course

Marseille, France

24-27 November 2020

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### Day 1

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08:30 – 08:50	Welcome
08:50 – 09:00	Introduction and description of the course
09:00 – 09:45	Pleural anatomy and physiology of the pleural space
09:45 – 10:30	Pleural Imaging: what do Pulmonologists have to know?

10:30 – 10:45 *Break*

10:45 – 11:30	Medical Thoracoscopy: basic approach
11:30 – 12:15	Medical Thoracoscopy: how to start?
12:15 – 12:30	Introduction for practical sessions

12:30 – 13:30 *Lunch Break with discussion (on site)*

### HANDS ON WORKSHOPS

13:30 – 16:30	<b>Workstations</b> Artificial pneumothorax – Pleural exploration (single point of entry) – Parietal pleura biopsy (optical biopsy forceps) – Removal of endopleural foreign body
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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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## Day 2

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- 09:00 – 09:45** Pleural exudates: role of thoracoscopy)  
**09:45 – 10:30** Management of recurrent malignant pleural effusions  
**10:30 – 11:00** Anaesthesia for thoracoscopy: is it a so 'light' procedure?

**11:00 – 11:15** *Break*

- 11:15 – 11:45** Is talc so dirty through evidence-based data?  
**11:45 – 12:30** Management of Primary spontaneous pneumothorax

**12:30 – 13:30** *Lunch Break with discussion (on site)*

### 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.

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## Day 3

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- 09:00 – 09:45** Empyema: How to prevent progression to stage III disease  
**09:45 – 10:30** Chest sonography: How can it help us for pleural manoeuvres?  
**10:30 – 11:00** Thoracoscopy in short term hospitalisation

**11:00 – 11:15** *Break*

- 11:15 – 12:00** Designing an educational program on Thoracoscopy  
**12:00 – 12:30** Blind pleural biopsy: it still remains available nowadays

**12:30 – 13:30** *Lunch Break with discussion (on site)*

### HANDS ON WORKSHOPS (afternoon)

**13:30 – 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.

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### Day 4

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**09:00 – 09:30**      Flexi-rigid thoracoscopy: advantages and drawbacks

**09:30 – 10:00**      Nonspecific pleuritis after thoracoscopy

**10:00 – 10:30**      How to anticipate and diagnose iatrogenic complications of thoracoscopy

**10:30 – 10:45**      *Break*

**10:45 – 12:15**      Open discussion ('pot pourri') and hands-on around (models):

- *Pleural ultrasound*
- *PleurX management*
- *Indwelling pleural catheter placement*

**12:00 –**              End of the course