



**Skills courses**  
**Thoracoscopy and Pleural Techniques Course**  
**16 – 19 October 2024**  
**Marseille, France**

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**Day 1**

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

**10:30 – 10:45**     *Break*

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

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

**HANDS ON WORKSHOPS**

<b>13:30 – 16:30</b>	<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	<b>Workstations</b> Second point of entry – Pleural exploration with two hands – Use of coagulating forceps – Pleural poudrage
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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 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	<b>Workstations</b>  Management of bleeding – Management of air-leak – Others pleural manoeuvres
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Hands-on workshop on models. Participants will be divided in 3 groups according to their

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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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<b>09:00 – 09:30</b>	Flexi-rigid thoracoscopy: advantages and drawbacks
<b>09:30 – 10:00</b>	Nonspecific pleuritis after thoracoscopy
<b>10:00 – 10:30</b>	How to anticipate and diagnose iatrogenic complications of thoracoscopy
<b>10:30 – 10:45</b>	<i>Break</i>
<b>10:45 – 12:15</b>	Open discussion ('pot pourri') and hands-on around (models): <ul style="list-style-type: none"><li>- <i>Pleural ultrasound</i></li><li>- <i>PleurX management</i></li><li>- <i>Indwelling pleural catheter placement</i></li></ul>
<b>12:15</b>	End of the course

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