# Thoracoscopy and Pleural Techniques Course

**Marseille, France**  
**7-10 April 2020**

## Tuesday, 7 April 2020

<table>
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<th>Time</th>
<th>Session</th>
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<tr>
<td>08:30 – 08:50</td>
<td>Welcome</td>
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<tr>
<td>08:50 – 09:00</td>
<td>Introduction and description of the course — <em>P. Astoul (Marseille, France)</em></td>
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<td>09:00 – 09:45</td>
<td>Pleural anatomy and physiology of the pleural space — <em>P. Astoul</em></td>
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<td>09:45 – 10:30</td>
<td>Pleural Imaging: what Pulmonologists have to know? — <em>JY Gaubert – B. Puech (Marseille, France)</em></td>
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<td>10:30 – 10:45</td>
<td><strong>Break</strong></td>
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<td>10:45 – 11:30</td>
<td>Medical Thoracoscopy: basic approach — <em>P. Astoul</em></td>
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<td>11:30 – 12:15</td>
<td>Medical Thoracoscopy: how to start? — <em>B. Duysinx (Liege, Belgium)</em></td>
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<td>12:15 – 12:30</td>
<td>Introduction for practical sessions — <em>P. Astoul</em></td>
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<td>12:30 – 13:30</td>
<td><strong>Lunch Break with discussion (on site)</strong></td>
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## HANDS ON WORKSHOPS

**Workstations**

- Artificial pneumothorax – Pleural exploration (single point of entry) – Parietal pleura biopsy (optical biopsy forceps) – Removal of endopleural foreign body

**Tutors of hands-on stations:** *P. Astoul, S. Laroumagne, B Duysinx*

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.

*Please note that this is a provisional programme and may be subject to change*
Wednesday, 8 April 2020

09:00 – 09:45 Pleural exudates: role of thoracoscopy — M. Froudarakis (St-Etienne, France)
09:45 – 10:30 Management of recurrent malignant pleural effusions — J Guinde (Marseille, France)
10:30 – 11:00 Anesthesia for thoracoscopy: is it a so ‘light’ procedure? — ChH. Marquette (Nice, France)
11:00 – 11:15 Break
11:15 – 11:45 Is talc so dirty through evidence-based data? — P. Astoul
11:45 – 12:30 Management of Primary spontaneous pneumothorax — ChH. Marquette

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

Tutors of hands-on stations: S. Laroumagne, G Stratakos, M Froudarakis

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 work-station under staff supervision.

Please note that this is a provisional programme and may be subject to change
Thursday, 9 April 2020

09:00 – 09:45  Emphyema: How to prevent progression to stage III disease – M Froudarakis (St Etienne, France)
09:45 – 10:30  Chest sonography: How can it help us for pleural maneuvers? – G Mangiapan (Créteil, France)
10:30 – 11:00  Thoracoscopy in short term hospitalisation – P. Astoul

11:00 – 11:15  Break
11:15 – 12:00  Designing an educational program on Thoracoscopy – G Stratakos (Athens – Greece)
12:00 – 12:30  Blind pleural biopsy: it still remains available nowadays – G Mangiapan (Créteil, France)

12:30 – 13:00  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

Tutors of hands-on stations: P Astoul, G Stratakos, G Mangiapan

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 work-station under staff supervision.

Friday, 10 April 2020

Please note that this is a provisional programme and may be subject to change.
09:00 – 09:30 Flexi-rigid thoracoscopy: advantages and drawbacks – S Laroumagne (Marseille, France)

09:30 – 10:00 Non specific pleuritis after thoracoscopy – G Stratakos

10:00 – 10:30 How to anticipate and diagnose iatrogenic complications of thoracoscopy – P. Astoul

10:30 – 10:45 Break

10:45 – 12:15 Opened discussion (‘pot pourri’) and hands-on around (models):

- Pleural ultrasound
- PleurX management
- Indwelling pleural catheter placement

With G Stratakos, S Laroumagne, G Mangiapan, Ph Astoul

12:00 – End of the course