# Thoracoscopy and Pleural Techniques Course

**Marseille, France**  
**14-17 November 2017**

## Tuesday, 14 November 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 – 08:50</td>
<td>Welcome</td>
</tr>
<tr>
<td>08:50 – 09:00</td>
<td>Introduction and description of the course – P. Astoul <em>(Marseille, France)</em></td>
</tr>
<tr>
<td>09:00 – 09:45</td>
<td>Pleural anatomy and physiology of the pleural space – P. Astoul</td>
</tr>
<tr>
<td>09:45 – 10:30</td>
<td>Blind pleural biopsy: it still remains available nowadays? – J. Guinde <em>(Marseille, France)</em></td>
</tr>
<tr>
<td>10:30 – 10:45</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td>10:45 – 11:30</td>
<td>Imaging the pleura: is there anything new? – J.Y. Gaubert <em>(Marseille, France)</em></td>
</tr>
<tr>
<td>11:30 – 12:15</td>
<td>Thoracoscopy for pulmonologist: an overview – P. Astoul</td>
</tr>
<tr>
<td>12:15 – 12:30</td>
<td>Introduction for practical sessions – P. Astoul</td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td><strong>Lunch Break with discussion (on site)</strong></td>
</tr>
</tbody>
</table>

## HANDS ON WORKSHOPS

<table>
<thead>
<tr>
<th>Time</th>
<th>Workstations</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30 – 16:30</td>
<td>Artificial pneumothorax – Pleural exploration (single point of entry) – Parietal pleura biopsy (optical biopsy forceps) – Removal of endopleural foreign body</td>
</tr>
</tbody>
</table>

Tutors of hands-on stations: P. Astoul, S. Laroumagne, J Guinde, V Bourinet

Hands-on workshop on animal 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.
Wednesday, 15 November 2017

09:00 – 09:45  Pleural exudates: role of thoracoscopy – A Rozman (Golnik, Slovenia)
09:45 – 10:15  Thoracoscopy in short term hospitalisation – P. Astoul
10:15 – 10:45  Anesthesia for thoracoscopy: is it a so ‘light’ procedure? – ChH. Marquette (Nice, France)
10:45 – 11:00  Break
11:00 – 11:45  Management of Primary spontaneous pneumothorax: new recommendations – place for thoracoscopy – ChH Marquette
11:45 – 12:30  Chest sonography: How can it help us for pleural maneuvers? – G Mangiapan (Créteil, France)
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: J Guinde, A Rozman, S. Laroumagne, V Bourinet

Hands-on workshop on animal 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.

Thursday, 16 November 2017

09:00 – 09:45  Flexi-rigid thoracoscopy: advantages and drawbacks – A Rozman (Golnik, Slovenia)
09:45 – 10:30  Management of recurrent malignant pleural effusions – S Laroumagne (Marseille, France)
10:30 – 11:00  Is talc so dirty through evidence-based data? – Ph Astoul
11:00 – 11:15  Break
11:15 – 11:45  Empyema: How to prevent progression to stage III disease – P Astoul
11:45 – 12:30  Thoracoscopy: How to start? – G Stratakos (Athens, Greece)
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

Tutors of hands-on stations: P. Astoul, A Rozman, G Stratakos, V Bourinet

Hands-on workshop on animal 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.

Gala dinner: Catering school of Marseille* (no dress code)

Lycée Hôtelier de Marseille – 114 Avenue André Zenatti – 13008 Marseille – France
Phone +33491734781
https://goo.gl/maps/YzgUjLXEmML2

*in case of special request (allergy, gluten-free, hallal, kosher, vegetarian, etc...) please inform the organizer pastoul@ap-hm.fr

Friday, 17 November 2017

09:00 – 09:45  How to anticipate and diagnose iatrogenic complications of thoracoscopy – Ph Astoul
09:45 – 10:30  ‘Designing an educational program on Thoracoscopy’ – G Stratakos (Athens, Greece)

10:30 – 10:45  Break

10:45 – 12:30  Hands-on workshop on mannequins and clinical cases (video)
- Flexi-rigid thoracoscopy
- Pleural ultrasound
- PleurX management
- Indwelling pleural catheter placement

Tutors: S. Laroumagne, J Guinde, V Bourinet, G Stratakos, P Astoul

12:30 – 13:00  Debriefing - End of the course