



**Thoracoscopy and Pleural Techniques Course**  
**Marseille, France**  
**13-16 November 2018**

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**Tuesday, 13 November 2018**

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- 08:30 – 08:50** Welcome
- 08:50 – 09:00** Introduction and description of the course – P. Astoul (*Marseille, France*)
- 09:00 – 09:45** Pleural anatomy and physiology of the pleural space – P. Astoul
- 09:45 – 10:30** Blind pleural biopsy: it still remains available nowadays? – J. Guinde (*Marseille, France*)

**10:30 – 10:45** *Break*

- 10:45 – 11:30** Imaging the pleura: is there anything new? – J.Y. Gaubert (*Marseille, France*)
- 11:30 – 12:15** Thoracoscopy for pulmonologist: an overview – P. Astoul

**12:15 – 12:30** Introduction for practical sessions – P. Astoul

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

**HANDS ON WORKSHOPS**

- 13:30 – 16:30** **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, 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.



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**Wednesday, 14 November 2018**

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- 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.

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**Thursday, 15 November 2018**

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- 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](mailto:pastoul@ap-hm.fr)

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## **Friday, 16 November 2018**

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**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