

Thoracoscopy and Pleural Techniques Course

Marseille, France

9-12 April 2019

Tuesday, 9 April 2019

- 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** Pleural Imaging : CT scan, MRI, PET scan – P. Habert (*Marseille, France*)
- 10:30 – 10:45** *Break*
- 10:45 – 11:30** Medical Thoracoscopy: basic approach – P. Astoul
- 11:30 – 12:15** Medical Thoracoscopy: how to start? – M Froudarakis (*Alexandroupolis, Greece*)
- 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, M Froudarakis

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, 10 April 2019

- 09:00 – 09:45** Management of recurrent malignant pleural effusions – S Laroumagne, (*Marseille, France*)
09:45 – 10:30 Pleural exudates: role of thoracoscopy – A Rozman (*Golnik, Slovenia*)
10:30 – 11:00 Anaesthesia for thoracoscopy: is it a so 'light' procedure? – ChH. Marquette (*Nice, France*)
- 11:00 – 11:15** *Break*
- 11:15 – 11:45** Thoracoscopy in short term hospitalisation – P. Astoul
11:45 – 12:30 Management of Primary spontaneous pneumothorax – ChH. Marquette (*Nice, 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: G. Mangiapan, S. Laroumagne, A Rozman, (*P Astoul*)(*Marquette*)
- 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, 11 April 2019

- 09:00 – 09:45** Chest sonography: How can it help us for pleural maneuvers? – G. Mangiapan (*Paris, France*)
09:45 – 10:30 Is talc so dirty through evidence-based data? – P. Astoul
10:30 – 11:15 Flexi-rigid thoracoscopy: advantages and drawbacks – A. Rozman (*Golnik, Slovenia*)
- 11:15 – 11:30** *Break*
- 11:30 – 12:00** Empyema: How to prevent progression to stage III disease – P. Astoul
12:00 – 12:30 Corner of a former course participant: Feedback from experience – A Rozman (*Golnik, Slovenia*)
- 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, N Maskell, G Mangiapan

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.

Friday, 12 April 2019

- 09:00 – 09:45** How to design a pleural medicine services – N Maskell (*Bristol, UK*)
- 09:45 – 10:30** How to anticipate and diagnose iatrogenic complications of thoracoscopy – P. Astoul
- 10:30 – 10:45** Pleural disease: from the guidelines to the clinical practice – N Maskell (*Bristol, UK*)
- 10:45 – 11:00** *Break*
- 11:00 – 12:00** Opened discussion, clinical cases (video) around:
- *Flexi-rigid thoracoscopy*
 - *Pleural ultrasound*
 - *PleurX management*
 - *Indwelling pleural catheter placement*
- With P Astoul, N Maskell, S Laroumagne, G Mangiapan
- 12:00 –** End of the course