

Thoracoscopy and Pleural Techniques Course

Marseille, France

6-9 April 2021

Tuesday, 6 April 2021

- 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: what do Pulmonologists have to know? - *JY Gaubert, B. Puech (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? – *B. Duysinx (Liège, Belgium)*
- 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, 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.

Wednesday, 7 April 2021

- 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** Anaesthesia 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 workstation under staff supervision.

Thursday, 8 April 2021

- 09:00 – 09:45** Empyema: How to prevent progression to stage III disease – *M. Froudarakis*
- 09:45 – 10:30** Chest sonography: How can it help us for pleural manoeuvres? – *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*
- 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, 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 workstation under staff supervision.

Friday, 9 April 2021

- 09:00 – 09:30** Flexi-rigid thoracoscopy: advantages and drawbacks – *S. Laroumagne*
- 09:30 – 10:00** Nonspecific 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** Open discussion ('pot pourri') and hands-on around (models):
- *Pleural ultrasound*
 - *PleurX management*
 - *Indwelling pleural catheter placement*
- With G. Stratakos, S. Laroumagne, G. Mangiapan, P. Astoul
- 12:00 –** End of the course