



Skills based course - Interventional Bronchoscopy
Athens, Greece
24-26 October 2019

Please note that this programme might undergo minor changes

Thursday, 24 October 2019

08:30 – 08:45	Welcome, Registrations
08:45 – 09:00	Introduction – Gr. Stratakos
09:00 – 09:30	Essential anatomy of the bronchial tree and the mediastinum. Common pitfalls – N. Koufos
09:30 – 10:00	Endosonographic mediastinal assessment in Lung Ca staging and beyond – M. Schuhmann
10:00 -10:30	Is there a place for conventional TBNA in my practice? – Gr. Stratakos
10:30– 11:00	Rapid on-site cytology evaluation by the pulmonologist – P. Emmanouil
11:00 – 11:30	<i>Case of conventional TBNA in a patient, projected live in the lecture hall via video</i> – Commentary provided by G. Stratakos, N. Koufos
11:30 – 12:00	<i>Coffee break</i>
12:00-12:30	Navigational (Fluoroscopy, Radial EBUS, Electromagnetic and CT guided) bronchoscopy for diagnosing and treating peripheral lesions – Gr. Stratakos
12:30-13:15	<i>Case of systematic EBUS-TBNA assessment and or radial EBUS examination in a patient projected live in the lecture hall via video</i> – Commentary provided by Vl.Vitsas, N. Koufos
13:15 – 14:30	<i>Lunch break</i>

HANDS ON WORKSHOPS

14:30 – 18:00 Hands-on workshop on animal models (am) and mannequins (m). Participants will be divided in 4 groups of 6 (Groups A, B, C, D). Each group will have 45 min in every workstation. After a brief initial demonstration, every participant will have enough time for hands on practice on each station, before moving to the next one, until all participants have been trained in all workstations.

Time	Group A	Group B	Group C	Group D
14:30 – 15:15	TBNA - cytology needle (m)	TBNA – histology needle (am) + ROSE	EBUS – TBNA (m)	Radial EBUS (am)
15:15 – 16:00	TBNA – histology needle (am) + ROSE	TBNA - cytology needle (m)	Radial EBUS (am)	EBUS-TBNA (m)
16:00-16:30		Break		
16:30 – 17:15	EBUS – TBNA (m)	Radial EBUS (am)	TBNA - cytology needle (m)	TBNA – histology needle (am) + ROSE
17:15 – 18:00	Radial EBUS (am)	EBUS-TBNA (m)	TBNA – histology needle (am) + ROSE	TBNA - cytology needle (m)

Tutors of practical workstations

TBNA cytology station – **Vl.Vitsas, N. Koufos**

TBNA histology station – **P. Emmanouil, I. Athanasopoulos**

EBUS TBNA station – **M. Schuhmann, I. Michailidou**

Radial EBUS station – **Gr. Stratakos L. Angelakis**



Friday, 25 October 2019

- 09:00 – 09:30** Combined interventional diagnostic modalities for central airway lesions – **I. Athanasopoulos**
09:30 – 10:00 Combined Therapeutic rigid/flexible bronchoscopy – **L. Freitag**
10:00 – 10:30 Sedation and ventilation during therapeutic bronchoscopy – **VI. Vitsas**
10:30 – 11:00 Airways stents placement for malignant and benign disease. Present and future challenges. – **L. Freitag**
- 11:00 – 11:30** *Coffee break*
- 11:30 – 12:00** *Case of bronchial biopsy and/or therapeutic bronchoscopy with the use of electrocautery and/or cryotherapy in a patient, projected live in the lecture hall via video – Bronchoscopy performed by G. Stratakos, Commentary provided by N.Koufos*
- 12:00 – 13:00** Bronchoscopic lung volume reduction, bronchial denervation and bronchial thermoplasty. Where do we stand? – **M. Schuhmann**
- 13:00-13:30** Diagnosing Interstitial lung disease. The value of BAL and (cryo)biopsy – **N. Koufos**
- 13:30 – 14:30** *Lunch break*

HANDS ON WORKSHOPS

14:30 – 18:15 Hands-on workshop on animal models (am) and mannequins (m). Participants will be divided in 4 groups of 6 (Groups A, B, C, D) and will subsequently be trained in all four stations changing every 60 min.

Time	Group A	Group B	Group C	Group D
14:00 – 15:00	Rigid bronchoscopy & mechanical debulking (m)	Rigid bronchoscopy and silicone stent placement (m)	Flexible bronchoscopic electrocautery /Argon and cryotherapy treatment (am)	Placing valves for BLVR (am)
15:00 – 16:00	Rigid bronchoscopy and silicone stent placement (m)	Rigid bronchoscopy & mechanical debulking (m)	Placing valves for BLVR (am)	Flexible bronchoscopic electrocautery /Argon and cryotherapy treatment (am)
16:00 – 16:15	<i>Coffee Break</i>			
16:15 – 17:15	Flexible bronchoscopic electrocautery /Argon and cryotherapy treatment (am)	Placing valves for BLVR (am)	Rigid bronchoscopy & mechanical debulking (m)	Rigid bronchoscopy and silicone stent placement (m)
17:15 – 18:15	Placing valves for BLVR (am)	Flexible bronchoscopic electrocautery /Argon and cryotherapy treatment (am)	Rigid bronchoscopy and silicone stent placement (m)	Rigid bronchoscopy & mechanical debulking (m)

Tutors of practical workstations

- Rigid bronchoscopy & mechanical debulking –**VI. Vitsas, L. Freitag**
Rigid bronchoscopy and silicone stent placement – **P. Emmanouil, N. Koufos**
Flexible bronchoscopic electrocautery / Argon and cryotherapy treatment – **I. Athanasopoulos L. Angelakis**
Valve placement for BLVR – **M. Schuhmann, Gr. Stratakos**



Saturday, 26 October 2019

- 09:00 – 09:30** Post intubation and post inhalation injury tracheal stenosis – **Gr. Stratakos**
09:30 – 10:00 Bronchopleural fistulae and prolonged air leak – **Ph. Emmanouil**
10:00 – 10:30 Post pneumonectomy and Post lobectomy syndrome. – **Vl. Vitsas**
Coffee break
10:45 – 11:30 Post-course skills evaluation
11:30 – 12:00 Closing remarks from the faculty

Cultural event:

Guided visit to the new Acropolis Museum or the National Museum after the end of the course