



**Skills based course - Interventional Bronchoscopy
Athens, Greece 6-8 October 2016**

Thursday, 6 October 2016

- 08:30 – 08:45** Welcome, Registrations
- 08:45 – 09:00** Introduction – G. Stratakos
- 09:00 – 09:30** Essential anatomy of the bronchial tree and the mediastinum. Common pitfalls – N. Koufos
- 09:30 – 10:00** Combining conventional TBNA with EBUS-TBNA – G. Stratakos
- 10:00 – 10:30** Rapid on site cytology evaluation by the pulmonologist – P. Emmanouil
- 10:30 – 11:00** Case of conventional TBNA in a patient, projected live in the lecture hall via video
– Commentary provided by G. Stratakos, N. Koufos
- 11:00 – 12:00** *Coffee break and pre-course self-assessment*
- 12:00-12:30** Navigational (Fluoroscopy, Radial EBUS, Electromagnetic and CT guided) bronchoscopy for peripheral lesions – M. Munavvar
- 12:30-13:00** Systematic assessment of mediastinal and hilar lymph nodes by EBUS and b-EUS TBNA – M. Schuhmann
- 13:00 – 13:30** Case of systematic EBUS-TBNA assessment in a patient projected live in the lecture hall via video – Commentary provided by G. Stratakos, N. Koufos, M. Schuhmann
- 13:30 – 14:30** *Lunch break*

HANDS ON WORKSHOPS

14:30 – 17:30 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 60 min in every workstation. After a brief initial demonstration, every participant will have 8-9 min of personal training in each workstation (and enough time for hands on practice on lymph node stations mapping), before moving to the next one, until all participants have been trained in all work-stations. Participants will complete a pre-course evaluation test.

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 – 16:45	EBUS – TBNA (m)	Radial EBUS (am)	TBNA - cytology needle (m)	TBNA – histology needle (am) + ROSE
16:45 – 17:30	Radial EBUS (am)	EBUS-TBNA (m)	TBNA – histology needle (am) + ROSE	TBNA - cytology needle (m)

Tutors of practical workstations

TBNA cytology station – P. Emmanouil, V.I. Vitsas

TBNA histology station – G. Stratakos, N. Koufos

EBUS TBNA station – M. Schuhmann, I. Michailidou

AF bronchoscopy & Radial EBUS station – M. Munavvar, K. Kontogianni



Friday, 7 October 2016

08:30 – 09:00	Combined interventional diagnostic modalities – A. Rosell
09:00 – 09:30	Therapeutic rigid/flexible bronchoscopy – G. Stratakos
09:30 – 10:00	Sedation and ventilation during therapeutic bronchoscopy – V.Vitsas
10:00 – 10:30	How to manage major complications during bronchoscopy – M. Schuhmann
10:30 – 11:00	<i>Coffee break</i>
11:00 – 11:30	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 A. Rosell
11:30 – 12:00	All that STENTS – A. Rosell
12:00 – 12:30	Bronchoscopic lung volume reduction and bronchial thermoplasty. Where do we stand? – M. Munavvar
12:30 – 13:00	Setting up an endoscopy unit. Training and competency assessment – F. Emmanouil
13:00 – 14:00	<i>Lunch break</i>

HANDS ON WORKSHOPS

14:00 – 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 – G. Stratakos, V.Vitsas

Rigid bronchoscopy and silicone stent placement – P. Emmanouil, N. Koufos

Flexible bronchoscopic electrocautery / Argon and cryotherapy treatment –A. Rosell, I. Michailidou

Valve placement for BLVR – K. Kontogianni, M. Munavvar



Saturday, 8 October 2016

- 09:00 – 09:30** Novel Uses of EBUS K. Kontogianni
09:30 – 10:00 Post intubation tracheal stenosis – G. Stratakos
10:00 – 10:30 Tracheobronchomalacia and dynamic airway collapse. Post pneumonectomys – N. Koufos
- 10:30 – 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



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Faculty Members Contact Information

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