



DAY 1: Thursday 19 October 2023					
	Min		Format	Faculty member	Syllabus item
08:30-09:00	30'	Course registration			
09:00-09:05	5'	Welcome and introduction		G.Stratakos	
09:05-09:35	30	Lightening/Introductory Lecture on the ERS EBUS course. Simulation based training and competence assessment	Lecture	G.Stratakos	1-6
Session 1			Interactive cases		
09:35-09:55	20'	Case 1 –Mediastinal Anatomy and Nodal staging of Lung Cancer	Case example	Laurence Crombach	4, 12 incl. 1-6
09:55-10:15	20'	Case 2 – Diagnosing centrally located lung tumours	Case example	P.Bonta	4, 12 incl. 1-6
10:15-10:35	20'	Case 3 – Sarcoidosis and/or TBC	Case example	N.Koufos	4, 12 incl. 1-6
10:35-10:55	20'	Case 4 Diagnosing peripheral lung lesions with Radial EBUS when Mediastinal nodes are negative on ROSE.	Case example	N. Anagnostopoulos	
10:55-11:15	20'	Coffee Break			
Session 2		Technique and performance			
11:15-11:45	30'	EBUS technique and performance	Lecture	D.Gompelman	4, 6, 11, 12
11:45-12:15	30'	EUS (B) technique and performance	Lecture	P.Bonta	11, 13, 14, 15
12:15-12:30	15'	Pulmonary vasculature assessment by EBUS	Lecture	Ev. Koukaki	12
12:30-12:45	15'	Advanced EBUS sampling from the mediastinum: Histology needles, miniforceps and cryo- nodal biopsy.	Lecture	Ph. Emmanouil	
12:45-13:45	60'	Lunch Break			



Session 3 Workshops 13:45 – 17:15					
13:45-14:30	45'	Workshop 1 – EBUS/ EUS-B. Cases discussions/ practice – everything you always wanted to ask	Workshop	G.Stratakos L.Crombach	11 incl. Aspect s of 1- 15
14:30-15:15	45'	Workshop 2 – ROSE. Specimen handling and microscopy of TBNA aspires will be discussed. Test your skills interactively at the digital microscope.	Workshop	Ph.Emmanouil E.Koukaki	14, 16, 17
	30'	Break			
15:45-16:30	45'	Workshop 3 Equipment handling and simulation (Scope and processor knobology + needle handling) . Small team-based simulations of the TBNA technique will be performed on models. Acquaintance with different needle types. Supervised hands-on experience with virtual-reality simulators for practising EBUS	Workshop in 3 subgroups (2 simulators and two EBUS video towers)	D.Gompelman N. Koufos S.Chryssikos P.Bonta VI.Vitsas V.Balis	9, 10, 11
16:30-17:15	45'	Workshop Radial EBUS and VB All participants will get training in radial EBUS and pathway planning for reaching ppl	Workshop in 2 subgroups	N.Anagnostopoulos I.Athanasopoulos	12
17:15		Concluding Remarks- Course organizers			
19:30-late		Course dinner for Faculty, Participants and Sponsors in old town Athens			



DAY 2- Friday 20 October 2023					
	Min		Format	Faculty member	Syllabus item
Session 4 Live demo					
08:45-09:30	45'	Live demo 1 EBUS/ EUS-B PRE-PROCEDURE scans + endoscopy plan	Chairs	L.Crombach and VI.Vitsas	1, 2, 3, 4, 5, 6
		PROCEDURE Including: Sedation used, interpretation of the endoscopic ultrasound, scope and processor knobology, needle handling, EBUS procedure and specimen handling.	Live demo	Gr. Stratakos N.Anagn/poulos	7, 8, 9, 10, 11, 13, 14, 15
		POST-PROCEDURE evaluation + feedback	Chairs	L.Crombach VI.Vitsas	16, 17
09.30-10:00	30'	<i>Preparation of the patient</i>	Lecture	S. Chryssikos	
10:00-10:30 <i>Coffee Break</i>					
10:30-11:15	45'	Live demo 2 EBUS PRE-PROCEDURE scans + endoscopy plan	Chairs	P.Bonta and N.Koufos	1, 2, 3, 4, 5, 6
		PROCEDURE Including: Sedation used, interpretation of the endoscopic ultrasound, scope and processor knobology, needle handling, EBUS procedure and specimen handling.	Live demo	Gr.Stratakos N.Anagn/poulos	7, 8, 9, 10, 11, 13, 14, 15
		POST-PROCEDURE evaluation + feedback	Chairs	P.Bonta and N.Koufos	16, 17
11:15-11:35	20'	Sedation for endosonography	Lecture	VI.Vitsas	
11:35-12:00	25'	Specimen handling and ROSE	Lecture	Ph.Emmanouil	14
12:00-12:20	20'	Next steps in training programme & overview of Part 2 & Part 3	Lecture	L.Crombach	
12:20-13:20 <i>Lunch Break</i>					
Session 5 Live demo/indication-complication assessment					
13:20-14:05	45'	Live demo 3 EBUS/ EUS-B PRE-PROCEDURE scans + endoscopy plan	Chairs	Ph. Emmanouil and D.Gompelman	1, 2, 3, 4, 5, 6
		PROCEDURE Including: Sedation used, interpretation of EBUS, scope and processor knobology, needle handling, EBUS procedure and specimen handling.	Live demo	Gr.Stratakos and E.Koukaki	7, 8, 9, 10, 12, 13, 14
		POST-PROCEDURE evaluation + feedback	Chairs	Ph. Emmanouil and D.Gompelman	16, 17



14:05-14:25	20'	EBUS and EUS b Complications	Lecture	D.Gompelman	
14:25-14:45	20'	Setting up a successful E(B)US service	Lecture	Gr. Stratakos	15
15:00-15:30	30'	Question and answer session	Discussion	All faculty	
End of official Program					

Faculty Members

1	L.Crombach		Netherlands
2	D.Gompelman		Austria
3	P.Bonta		Netherlands
4	Gr. Stratakos	grstrat@hotmail.com	Greece
5	Ph.Emmanouil		Greece
6	N. Koufos		Greece
7	VI. Vitsas		Greece
8	N.Anagnostopoulos		Greece
9	E.Koukaki		Greece
10	I.Athanasopoulos		Greece
11	E.Balis		Greece
12	S. Chrysikos		Greece