



PROVISIONAL PROGRAMME

ERS Training programme

Endobronchial ultrasound – Part 1, Ancona, Italy

DAY 1 – 18 June 2020				
	Min		Format/speaker	Syllabus item
08:30-09:00	30'	Course registration		
09:00-09:05	5'	Welcome and introduction	Stefano Gasparini	
09:05-09:30	25'	Lightening lecture: EBUS and EUS (B): an overview	Lecture Maren Schuhmann	1, 2, 3, 4, 5, 6
09:30-09.45	15'	Case 1 – Nodal staging of Lung Cancer	Case example Stefano Gasparini	4, 13 incl. 1-6
09.45-10:00	15'	Case 2 – Diagnosing lung tumours	Case example Lina Zuccatosta	4, 12 incl. 1-6
10:00-10:15	15'	Case 3 – Sarcoidosis	Case example Rocco Trisolini	4, 12 incl. 1-6
10:15-10:30	30'	<i>Break</i>		
Session 2		Technique and performance		
11:00-11:30	30'	EBUS technique and performance	Lecture Rocco Trisolini	4, 6, 11, 12
11:30-12:00	30'	EUS (B) technique and performance	Lecture Venerino Poletti	11, 13, 14, 15
12:00-12:30	30'	EBUS (B) training and simulation	Lecture Maren Schuhmann	12
12:30-13:30	60'	<i>Break</i>		
Session 3 Workshops 13:30 – 17:00				
	45'	Workshop 1 – EBUS/ EUS-B. Cases discussions/ practice – everything you always wanted to ask	Workshop All the Faculty	11 incl. Aspects of 1-15
	45'	Workshop 2 – Cytopathology. Specimen handling and microscopy of TBNA/ FAN aspires will be discussed. Test your own skill at the multi head microscope in an interactive manner.	Workshop All the Faculty	14, 16, 17
	30'	<i>Break</i>		
	45'	Workshop 3 Equipment handling (Scope and processor knobology + needle handling) Small team-based simulations of the TBNA technique will be performed on models. Acquaintance with different needle types	Workshop All the Faculty	9, 10, 11
	45'	Workshop 4 Simulation All participants will get supervised hands-on experience with virtual-reality simulators for practising EBUS	Workshop All the Faculty	12



DAY 2 – 19 June 2020				
	Min	Live demo + patient handling	Format	Syllabus item
08:45-09:30	45'	Live demo 1 EBUS/ EUS-B PRE-PROCEDURE scans + endoscopy plan	Live demo Chairs: -Maren Schuhmann -Rocco Trisolini	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.	Operators -Stefano Gasparini -Lina Zuccatosta	7, 8, 9, 10, 11, 13, 14, 15
		POST-PROCEDURE evaluation + feedback		16, 17
09:30-10:00	30'	Preparation of the patient	Lecture Alessandro Fois	
10:00-10:30	30'	<i>Break</i>		
10:30-11:15	45'	Live demo 2 EBUS PRE-PROCEDURE scans + endoscopy plan	Live demo Chairs: -Maren Schuhmann -Rocco Trisolini	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.	Operators -Stefano Gasparini -Lina Zuccatosta	7, 8, 9, 10, 11, 13, 14, 15
		POST-PROCEDURE evaluation + feedback		16, 17
11:15-11:45	30'	Sedation for endosonography	Lecture Maren Schuhmann	
11:45-12:15	30'	Specimen handling	Lecture Rocco Trisolini	14
12:15-13:15	60'	<i>Break</i>		
Session 5		Live demo/indication-complication assessment	Live demo Chairs: -Maren Schuhmann -Rocco Trisolini	
13:15-14:00	45'	Live demo 3 EBUS/ EUS-B PRE-PROCEDURE scans + endoscopy plan	Operators -Stefano Gasparini -Lina Zuccatosta	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.		7, 8, 9, 10, 12, 13, 14
		POST-PROCEDURE evaluation + feedback		16, 17
14:00-14:20	20'	E(B)US Complications	Lecture	



			Lina Zuccatosta	
14:20-14:40	20'	Setting up a successful E(B)US service	Lecture Venerino Poletti	15
14.40-15:00	20'	Next steps in training programme & overview of Part 2 & Part 3	Lecture Maren Schuhmann	
15:00-15:30	30'	Question and answer session	Discussion	