

**ERS Training programme
Endobronchial ultrasound - Part 1**

Day 1 – Amsterdam UMC, Tuesday June 24, 2025

08:30-09:00	Course registration; Coffee/ tea		
09:00-09:10	Welcome and introduction		Organising committee
09:10 -09:30	Lightening lecture	Lecture	J. Annema
Session 1	Interactive cases	Chairs	K. Kontogianni/ J. Daniels
09:30-09:45	Case1 – Bronchoscopy, EBUS planning	Case example	A. Ornholm Nielsen
09:45-10:00	Case 2 – Nodal staging of Lung Cancer	Case example	L. Crombag
10:00-10:15	Case 3 - Diagnosing lung tumors with EBUS	Case example	M. Heuvelmans
10:15-10:30	Case 4 – Radial EBUS	Case example	G. Stratakos
10:30-11:00	<i>Coffee break</i>		
Session 2	Technique and performance	<i>Chairs</i>	<i>L. Konge/ J. Annema</i>
11:00-11:20	EBUS anatomy	Lecture	J. Daniels
11:20-11:40	EBUS technique, needles, cryo	Lecture	K. Kontogianni
11:40-12:00	EUS (B) technique, needles, performance	Lecture	P. Bonta
12:00- 12:20	EBUS (B) training and simulation	Lecture	L. Konge
12:30-13:30	<i>Lunch</i>		
Session 3 13.30-17.00	Hands-on training: VUmc hospital		
	Workshop 1 – Equipment handling I EBUS Scope and processor knobology + needle handling. Small team-based practice on models with EBUS scopes and needles	Workshop	Faculty
	Workshop 2 – Cytopathology. Specimen handling and microscopy of TBNA/ FNA aspires will be discussed .Test your own skill	Workshop	G. Stratakos
	<i>Tea break</i>		
	Workshop 3 Equipment handling II EBUS Scope and processor knobology + needle handling. Small team-based practice on models with EBUS scopes and needles.	Workshop	Faculty
	Workshop 4 EBUS Simulation All participants will get supervised hands-on experience with virtual-reality simulators for practising EBUS	Workshop	L. Konge
	Workshop 5 All you ever wanted to ask Challenging cases, team based endosonographic case planning	Workshop	Faculty
17:00	End of day 1		
19.00-22.00	Drinks and Course dinner for Faculty, participants and sponsors in historical Amsterdam		

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Day 2 – Amsterdam UMC – O2 venue, Wednesday June 25, 2025

08:30-09:00	Course registration; Coffee/ tea		
Session 4	Live demo's and setting up a service		
09:00-09:45	Live demo 1 PRE-PROCEDURE scans + endoscopy plan	Chairs	K. Kontogianni / P. Bonta
	PROCEDURE: EBUS + EUS-B Including: Sedation used, interpretation of the endoscopic ultrasound, scope and processor knobology, needle handling, EBUS procedure and specimen handling.	Live demo	FACULTY
	POST-PROCEDURE evaluation + feedback	Chairs	K. Kontogianni / P. Bonta
09:45-10:15	<i>Preparation of the patient</i>	Lecture	L. Crombag
10:15-10:45	<i>Coffee break</i>		
10:45-11:30	Live demo 2 PRE-PROCEDURE scans + endoscopy plan	Chairs	J. Annema / L. Konge
	PROCEDURE: EBUS/ EUS-B	Live demo	FACULTY
	POST-PROCEDURE evaluation + feedback	Chairs	J. Annema / L. Konge
11:30-12:00	Setting up an successful E(B)US service	Lecture	K. Kontogianni
12:00-12:30	Next steps in training programme & overview of Part 2 & Part 3	Lecture	L. Konge
12:30-13:30	<i>Lunch</i>		
Session 5	Live demo's Sedation + complication		
13:30-14:15	Live demo 3 PRE-PROCEDURE scans + endoscopy plan	Chairs	G. Stratakis/ K. Kontogianni
	PROCEDURE: Radial EBUS + EBUS	Live demo	FACULTY
	POST-PROCEDURE. evaluation + feedback	Chairs	G. Stratakis K. Kontogianni
14:15 -14:35	Sedation for Endosonography	Lecture	B. van Loo
14:35 - 14:55	E(B)US for granulamateous diseases/ lymphoma	Lecture	G. Stratakis
14:55 - 15:15	E(B)US Complications	Lecture	P. Bonta
15:15 - 15:30	ERS-ESGE-ESTS Guideline project	Lecture	D. Korevaar
15:30 -15:45	Wrap up and Question and answer session	Discussion	All faculty
15:45 - 16:00	Quiz		P. Bonta/ L. Crombag
16:00	End of official programme		
16:00 - 17:00	<i>Drinks and bites</i> <i>Interaction between faculty, participants and sponsors</i>	Informal get together	Participants and Faculty

Faculty: Prof. Jouke Annema MD PhD (coordinating organiser), Peter Bonta MD PhD, Laurence Crombag MD PhD, Hans Daniels MD PhD, Marjolijn Heuvelmans MD PhD, Daniel Korevaar, MD PhD (Amsterdam, Netherlands), Prof. G. Stratakis MD PhD (Athens, Greece), Konstantina, Kontogianni, MD PhD (Heidelberg), DR Anne Ornholm – Nielsen, MD PhD, Prof. Lars Konge, MD PhD (Copenhagen).