



Skills course

Interventional bronchoscopy

25-27 November 2025

Heidelberg, Germany

Tuesday, 25 November 2025

Welcome and introduction

08:30–09:00	Course registration
09:00–09:05	Welcome and introduction - K. Kontogianni, F. Herth
09:05–09:30	Introductory lecture - F. Herth

Session 1 - Lung volume reduction and interactive case-based session on ELVR

09:30–09:50	Lung volume reduction with valves, coils, aeri-seal, BTVA etc. - K. Klooster
09:50–10:10	Interventional treatment of chronic bronchitis and asthma - K. Kontogianni
10:10–10:30	Update on surgical lung volume reduction - F. Eichhorn
10:30–10:50	Emphysema board - K. Kontogianni, K. Klooster, F. Eichhorn
10:50–11:00	Q&A - All faculty

11:00–11:30 *Coffee break*

Session 2 - The peripheral nodule and interactive case-based session on lung cancer

11:30–11:50	Best approach to peripheral nodule diagnostics and treatment from radiologist perspective; Photon counting CT, SBRT - C. Heussel
11:50–12:10	Peripheral nodule diagnostic from bronchoscopists' perspective, navigation - J. Brock
12:10–12:30	Robots in bronchoscopy - F. Herth
12:30–12:50	Peripheral nodule treatment from bronchoscopists' perspective, microwaves, RFA, vapor ablation, etc. - E. van der Heijden
12:50–13:10	Best approach to peripheral nodule diagnostics and treatment from surgeons' perspective - L. Klotz



13:10–13:30	Tumour board - C. Heussel, J. Brock, F. Herth, E. van der Heijden, L. Klotz
13:30–13:40	Q&A - All faculty
13:40–14:40	<i>Lunch break</i>
	Session 3 - Central lesions and lymph nodes
14:40–15:00	Stent placement in the airways: Malignant and benign disease - A. Bugalho De Almeida
15:00–15:20	Debulking and Recanalization 'hot and cold' techniques - M. Munavvar
15:20–15:40	Update linear EUS(B) technique, performance, complications - J. Annema
15:40–16:00	EBUS cryo-biopsy of the lymph nodes: why and when - V. Poletti
16:00–16:10	Q&A - All faculty
16:10–16:30	<i>Coffee break</i>
	Workshop 1 - E. van der Heijden and local faculty
16:30–17:15	a. Airway Stents b. Augmented Reality in supporting successful inhalation therapy
	Workshop 2 - K. Klooster and local faculty
17:15–18:00	Lung volume reduction



Wednesday, 26 November 2025

Session 4 - Live cases and patient handling

	Live demo 1 - F. Herth, A. Bugalho De Almeida
08:45–08:50	Pre-procedure - E. Gaitzsch
08:50–09:20	Procedure - F. Herth, A. Bugalho De Almeida
09:20–09:30	Discussion and feedback - K. Kontogianni
09:30–09:50	Preparation of the patient - J. Brock
	Live demo 2 - K. Kontogianni, J. Annema
09:50–09:55	Pre-procedure - E. Gaitzsch
09:55–10:20	Procedure - K. Kontogianni, J. Annema
10:20–10:30	Discussion and feedback - J. Brock
10:30–10:50	Sedation and ventilation during IP procedures - M. Scheiner
10:50–11:30	<i>Coffee break</i>

Session 5 - ILD, more IP updates and live cases

11:30–11:50	LTx follow-up and post-transplantation complications - D. Gompelmann
11:50–12:10	Update on BAL - F. Trudzinski
12:10–12:30	Invasive procedures for patients with ILD, cryobiopsy - V. Poletti
12:30–12:50	Update on radial EBUS - J. Annema
12:50–13:10	ROSE and histopathology in IP - V. Poletti
13:10–13:20	Q&A - All faculty
13:20–14:20	<i>Lunch break</i>
	Live demo 3 - F. Herth, V. Poletti
14:20–14:25	Pre-procedure - E. Gaitzsch
14:25–14:50	Procedure - F. Herth, V. Poletti
14:50–15:00	Discussion and feedback - K. Kontogianni



Session 6 - IP techniques and instruments

15:00–15:20	Management of TEF and BPF - E. van der Heijden
15:20–15:40	Involvement of central airways in various systemic diseases, EDAC and TBM - M. Munavvar
15:40–16:00	Single use bronchoscopes - K. Kontogianni
16:00–16:20	Building up an endoscopy service - A. Bugalho De Almeida
16:20–16:30	Q&A - All faculty

Thursday, 27 November 2025

Session 7 - More tools, emergencies and IP future

08:45–09:10	Bronchoscopic emergencies - M. Munavvar
09:10–09:30	The role of nCLE and pCLE in IP - D. Gompelmann
09:30–09:50	Innovations in interventional pulmonology: pushing boundaries - F. Herth
09:50–10:00	Q&A - All faculty

10:00–10:30 *Coffee break*

Workshop 3 - J. Annema and local faculty

10:30–11:15 E(B)US and radial EBUS handling - J. Annema

Workshop 4 - A. Bugalho De Almeida and local faculty

11:15–12:00 Flexible and rigid bronchoscopy, single-use bronchoscopes

12:00–12:30 *Lunch break*

Workshop 5 - D. Gompelmann and local faculty

12:30–13:15 APC and bleeding management

Workshop 6 - V. Poletti and local faculty

13:15–14:00 Cryo-biopsy and cryo-TBNA