



Skills course
Interventional Bronchoscopy
30 January - 01 February 2024
Heidelberg, Germany

Tuesday, 30 January 2024

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 - Updates in IP (COPD and ILD)

Chair: F. Herth

09:30–09:50	Update on endoscopic lung volume reduction (ELVR): Valves, Coils, AeriSeal etc. - D. Slebos
09:50–10:10	Update on interventional treatment of chronic bronchitis and exacerbations - P. Shah
10:10–10:30	Update on lung volume reduction surgery - L. Klotz
10:30–10:50	Invasive procedures for patients with ILD - cryobiopsy - M. Polke
10:50–11:00	Q&A - All faculty
11:00–11:30	Coffee/Tea Break

Session 2 - COPD, ILD and lung cancer

Chairs: D. Gompelmann and J. Annema

11:30–11:50	Case 1 – ELVR board; obstruction and hyperinflation - D. Slebos, K. Kontogianni, L. Klotz, C. Heussel
11:50–12:10	Case 2 – ELVR board; chronic bronchitis and exacerbations - P. Shah, J. Brock, L. Klotz, C. Heussel
12:10–12:30	Case 3 – ILD - board - S. Dittrich, M. Polke, C. Heussel
12:30–12:50	Case 4 – Tumour board, peripheral node - G. Stratakis, D. Gompelmann, C. Heussel
12:50–13:00	Q&A - All faculty
13:00–14:00	Lunch break



Tuesday, 30 January 2024

Session 3 - The peripheral node

Chair: M. Munavvar

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| 14:00–14:20 | Best approach to peripheral nodule diagnostics and treatment from radiologist perspective; photon counting CT, SBRT - C. Heussel |
| 14:20–14:40 | Best approach to peripheral nodule diagnostics from ‘bronchologist’ perspective, navigation - F. Herth |
| 14:40–15:10 | Robots in bronchoscopy - J. Brock |
| 15:10–15:30 | Best approach to peripheral nodule treatment from ‘bronchologist’ perspective, microwaves, RFA, vapor ablation - P. Shah |
| 15:30–15:50 | Best approach to peripheral nodule diagnostics and treatment from surgeons’ perspective - H. Winter |
| 15:50–16:00 | Q&A - All faculty |
| 16:00–16:30 | Coffee/Tea break |

Session 4 - The central lesion

Chair: A. Bugalho

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| 16:30–16:50 | Update linear EUS(B) technique, performance, complications - J. Annema |
| 16:50–17:10 | Recanalisation ‘hot and cold’ techniques - G. Stratakis |
| 17:10–17:30 | Brachytherapy and photodynamic therapy - M. Munavvar |
| 17:30–17:40 | Q&A - All faculty |



Wednesday, 31 January 2024

Session 5 - Live cases and patient handling: Live demo 1

Chairs: K. Kontogianni and J. Brock

Live demo 1 - F. Herth, G. Stratakos

08:45–08:50	Pre-procedure - S. Dittrich
08:50–09:20	Procedure - F. Herth, G. Stratakos
09:20–09:30	Discussion and feedback - K. Kontogianni
09:30–09:50	Preparation of the patient - J. Brock

Session 5 - Live cases and patient handling - Live demo 2

Chairs: K. Kontogianni and J. Brock

Live demo 2 - K. Kontogianni, J. Annema

09:50–09:55	Pre-procedure - S. Dittrich
09:55–10:20	Procedure - K. Kontogianni, J. Annema
10:20–10:30	Discussion and feedback - J. Brock
10:30–10:50	Sedation in bronchoscopy - M. Scheiner

10:50–11:30 Coffee/Tea break

Session 6 - More IP updates and live cases

Chair: D.J. Slebos

11:30–11:50	Update on stents - F. Herth
11:50–12:10	Update on BAL - D. Gompelmann
12:10–12:30	Update on radial EBUS - M. Munavvar
12:30–12:50	Update on thermoplasty - P. Shah
12:50–13:00	Q&A - All faculty

13:00–14:10 **Lunch break**



Wednesday, 31 January 2024

Session 6 - More IP updates and live cases - Live demo 3

Chair: D. J. Slebos

Live demo 3 - F. Herth, D. Slebos

- 14:10–14:15 Pre-procedure - S. Dittrich
14:15–14:45 Procedure - F. Herth, D. Slebos
14:45–15:00 Discussion and feedback - J. Brock

Session 7 - Present and future

Chair: G. Stratakos

- 15:00–15:20 Emergencies in the bronchoscopy - K. Kontogianni
15:20–15:40 Building up an endoscopy service - D. Gompelmann
15:40–16:00 Single use bronchoscopes - M. Munavvar
16:00–16:20 Innovations in interventional pulmonology: pushing boundaries - F. Herth
16:20–16:30 Q&A - All faculty

Thursday, 01 February 2024

Session 8 - Workshops

- 09:00–09:45 Workshop 1 - Stents - F. Herth
09:45–10:30 Workshop 2 - Valves/ coils/ rheoplasty/ TLD - D. Slebos, P. Shah

10:30–11:00 Coffee/Tea break

11:00–11:45 Workshop 3 - EUS (B) handling - J. Annema
11:45–12:30 Workshop 4 - Flexible bronchoscopy and cryobiopsy - M. Munavvar, J. Brock

12:30–13:00 **Light lunch break**

13:00–13:45 Workshop 5 - Rigid bronchoscopy, laser and APC - K. Kontogianni, G. Stratakos
13:45–14:30 Workshop 6 - Electromagnetic navigation - D. Gompelmann