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 – K. Kontogianni
10:10–10:30  Update on lung volume reduction surgery – F. Eichhorn
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 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 – S. Dittrich, J. Brock, L. Klotz, C. Heussel
12:10–12:30  Case 3 – ILD - board - S. Dittrich, F. Trudzinski, M. Polke, C. Heussel
12:30–12:50  Case 4 – Tumour board, peripheral node - G. Stratakos, F. Trudzinski, 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

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
14:40–15:00 Robots in bronchoscopy - J. Brock
15:00–15:20 Best approach to peripheral nodule treatment from ‘bronchologist’ perspective, microwaves, RFA, vapor ablation - D. Gompelmann
15:20–15:40 Best approach to peripheral nodule diagnostics and treatment from surgeons’ perspective - H. Winter
15:40–15:50 Q&A - All faculty

15:50–16:30 Coffee break

Session 4 - The central lesion

Chair: A. Bugalho

16:30–16:50 Update linear EUS(B) technique, performance, complications - J. Annema
16:50–17:10 Recanalisation ‘hot and cold’ techniques - G. Stratakos
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 - A. Bugalho

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
10:20–10:30  Discussion and feedback - J. Brock
10:30–10:50  Sedation in bronchoscopy - M. Scheiner

10:50–11:30 Coffee break

Session 6 - More IP updates and live cases

Chair: D.J. Slebos

11:30–11:50 Update on stents - A. Bugalho
11:50–12:10 Update on BAL - F. Trudzinski
12:10–12:30 Update on radial EBUS - J. Annema
12:30–12:50 Update on thermoplasty - D. Slebos
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

GROUP A
WS1 - Stents - F. Herth, A. Bugalho
WS2 - Valves/ coils/ rheoplasty/ TLD - D. Slebos, K. Kontogianni

09:00–09:45  Round 1
09:45–10:30  Round 2

10:30–11:00  Coffee break

GROUP B
WS3- EUS (B) handling - J. Annema
WS4 - Flexible bronchoscopy and cryobiopsy - M. Munavvar, J. Brock

11:00–11:45  Round 1
11:45–12:30  Round 2

12:30–13:00  Lunch break

GROUP C
WS5- Rigid bronchoscopy, laser and APC - G. Stratakos
WS6 - Electromagnetic navigation - D. Gompelmann

13:00–13:45  Round 1
13:45–14:30  Round 2