



ERS EBUS Training Part 1

11 November 2021

Online

Thursday, 11 November 2021

Session 1

Chair: J. Annema (Netherlands)

- 08:30–08:45 Introduction - J. Annema (Netherlands)
- 08:45–09:05 Lightning Lecture: EBUS- EUS(B) a game changer - J. Annema (Netherlands)
- 09:05–09:10 *Participants and faculty join the breakout groups*

Breakout groups - Round 1

- 09:10–09:15 Overview of the morning breakout groups - J. Annema (Netherlands)
- 09:15–09:40 Nodal staging – S. Gasparini (Italy), K. Kontogianni (Germany)
- 10-minute overview
 - 15-minute discussion
- 09:15–09:40 Reading PET – CT - G. Stratakos (Greece), A. D. Tarnoki (Hungary)
- 10-minute overview
 - 15-minute discussion
- 09:15–09:40 Tumor staging - J. Kuijvenhoven (Netherlands), P. Clementsen (Denmark)
- 10-minute overview
 - 15-minute discussion
- 09:40–09:50 *Break (faculty members are transferred to their next group)*

Breakout groups- Round 2

- 09:50–10:15 Nodal staging - S. Gasparini (Italy), Kontogianni (Germany)
- 10-minute overview
 - 15-minute discussion
- 09:50–10:15 Reading PET – CT - G. Stratakos (Greece), A. D. Tarnoki (Hungary)
- 10-minute overview
 - 15-minute discussion

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- 09:50–10:15 Tumor staging - J. Kuijvenhoven (Netherlands), P. Clementsen (Denmark)
 - 10-minute overview
 - 15-minute discussion
- 10:15–10:25 *Break (faculty members are transferred to their next group)*

Breakout groups- Round 3

- 10:25–10:50 Nodal staging - S. Gasparini (Italy), K. Kontogianni (Germany)
 - 10-minute overview
 - 15-minute discussion
- 10:25–10:50 Reading PET – CT - G. Stratakos (Greece), A. D. Tarnoki (Hungary)
 - 10-minute overview
 - 15-minute discussion
- 10:25–10:50 Tumor staging - J. Kuijvenhoven (Netherlands), P. Clementsen (Denmark)
 - 10-minute overview
 - 15-minute discussion
- 10:50–11:00 *Participants and faculty join the breakout groups*

Session 2

Chair: K. Kontogianni (Germany)

- 11:00–11:10 Pre-recorded live EBUS - J. Annema (Netherlands)
- 11:10–11:20 Pre-recorded live EUS-B - L. Crombag & P. Bonta (Netherlands)
- 11:10–11:15 *Break*
- 11:15–11:25 EBUS and EUS-B anatomy – P. Clementsen
- 11:25–11:30 *Break*
- 11:30–11:40 EBUS and EUS-B technique – J. Brock (Germany)
- 11:40–11:50 *Break (faculty and participants join the next session)*

Session 3

Chair: K. Kontogianni (Germany)

- 11:50–12:30 Demo: EBUS ultrasound processor, scope handling, needles and TBNA technique (part 1) - J. Annema (Netherlands)
 Fiji Film/ Hitachi-Pentax/ Olympus/ COOK/ Boston Scientific
- 12:30–12:35 *Break*
- 12:35–12:45 Demo: EBUS Simulator – m. vd Pol - L. Crombag (Netherlands), L. Konge – P. Clementsen (Denmark)
- 12:45–13:00 Panel discussion – All faculty members
- 13:00–14:00 *Lunch break*

Session 4

Chair: L. Crombag (Netherlands)

14:00–14:15 Pre/post procedure EBUS aspects - P. Clementsen (Denmark)

14:15–14:20 *Break*

14:20–14:35 Specimen handling + cytopathology - G. Stratakos (Greece)

14:35–14:40 *Break (participants split into breakout groups)*

Breakout groups- Round 4

14:40–14:45 Overview of the afternoon breakout groups - J. Annema (Netherlands)

14:45–15:10 Challenging cases - J. Annema (Netherlands), J. Kuijvenhoven (Netherlands)

- 10-minute overview
- 15-minute discussion

14:45–15:10 Sarcoid/ TB/ Lymphoma - P. Bonta (Netherlands), L. Crombag (Netherlands)

- 10-minute overview
- 15-minute discussion

14:45–15:10 Setting up an EBUS service/ all you wanted to ask - F. Herth (Germany), G. Stratakos (Greece)

- 10-minute overview
- 15-minute discussion

15:10–15:20 *Break (participants rotate)*

Breakout groups- Round 5

15:20–15:45 Challenging cases - J. Annema (Netherlands), K. Mooij - Kalverda (Netherlands)

- 10-minute overview
- 15-minute discussion

15:20–15:45 Sarcoid/ TB/ Lymphoma - P. Bonta (Netherlands), L. Crombag (Netherlands)

- 10-minute overview
- 15-minute discussion

15:20–15:45 Setting up an EBUS service/ all you wanted to ask - F. Herth (Germany), G. Stratakos (Greece)

- 10-minute overview
- 15-minute discussion

15:45–15:55 *Break (participants rotate)*

Breakout groups- Round 6

15:55–16:20 Challenging cases - J. Annema (Netherlands), K. Mooij - Kalverda (Netherlands)

- 10-minute overview
- 15-minute discussion

15:55–16:20 Sarcoid/ TB/ Lymphoma - P. Bonta (Netherlands), L. Crombag (Netherlands)

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- 10-minute overview
 - 15-minute discussion
- 15:55–16:20 Setting up an EBUS service/ all you wanted to ask - F. Herth (Germany),
G. Stratakos (Greece)
- 10-minute overview
 - 15-minute discussion
- 16:20–16:35 *Break (participants and faculty join the next session)*

Session 5

Chair: P. Clementsen (Denmark)

- 16:35–16:50 Sedation – B. von Loo (Netherlands)
- 16:50–16:55 *Break*
- 16:55–17:10 Complications - K. Kontogianni (Germany)
- 17:10–17:15 *Break*
- 17:15–17:30 Training and Certification - L. Konge (Denmark)
- 17:30–17:35 *Break*
- 17:35–17:50 Panel discussion: EBUS/EUS and conclusion – All faculty members
- 17:50–18:05 Quiz – P. Bonta & J. Kuijvenhoven (Netherlands)
- 18:05–18:15 Concluding remarks – J. Annema (Netherlands)