



Skills course
**Advanced image-guided navigation and biopsy of
peripheral pulmonary nodules**
12-14 March 2026
Nijmegen, Netherlands

Thursday, 12 March 2026

12:15–13:00	Registration and welcome reception
	Session I – Workshops
13:00–13:45	General introduction & peripheral pulmonary nodule case selection and clinical workflow - E. van der Heijden
13:45–14:45	Navigation bronchoscopy technology review - R. Verhoeven
14:45–15:00	<i>Coffee break</i>
15:00–16:45	Periprocedural considerations: <ul style="list-style-type: none">- Anesthesia for navigation bronchoscopy and similar pulmonary interventions – J. Mourisse, N. Hoogerwerf- Pathology: rapid on-site cytopathology and specimen work-up – S. Vos, L. van Zuylen-Manders- Sampling instruments: when, how and why is it relevant (lecture and quiz)- Radiation exposure in interventional bronchoscopy - I. Wijma
17:00–18:00	Interactive session: <ul style="list-style-type: none">- Insights from the clinical daily practice: how to build a navigation program (a panel discussion) – P. Candoli, E. van der Heijden
18:00–18:15	Q&A, closure day 1
19:30–21:00	Dinner



Friday, 13 March 2026

Session II - Practical session

- 07:45–09:30 Live navigation bronchoscopy procedure – Case 1 (interactive attendance via livestream)
- 09:30–10:00 Navigation bronchoscopy implementation: lessons learned from a nationwide approach in the Netherlands - F. Beyaz
- 10:15–12:15 Live navigation bronchoscopy procedure – Case 2 (interactive attendance via livestream)

12:15–13:15 ***Lunch break***

Session III - Practical session

- 13:15–16:30 Lecture(s) on technology-specific characteristics (optional)

Dry-lab simulation sessions (4 parallel workstations, guided by faculty):

- 13:15–16:30 C-arm based tomosynthesis and augmented fluoroscopy guided navigation bronchoscopy
- 13:15–16:30 Electromagnetic navigation and tomosynthesis guided navigation bronchoscopy
- 13:15–16:30 Robotic assisted bronchoscopy combined with mobile cone beam CT imaging
- 13:15–16:30 Fixed cone beam CT-guided navigation bronchoscopy

16:30–17:00 Q&A, closure day 2

18:30–20:00 Dinner



Saturday, 14 March 2026

Session IV - Practical/Interactive session

08:30–09:00 Introduction of wet-lab simulation sessions & walk to the OR and training center

Wet-lab hands-on simulation sessions (4 parallel workstations, guided by faculty):

09:00–12:00 C-arm based tomosynthesis and augmented fluoroscopy guided navigation bronchoscopy

09:00–12:00 Electromagnetic navigation and tomosynthesis guided navigation bronchoscopy

09:00–12:00 Robotic assisted bronchoscopy combined with mobile cone beam CT imaging

09:00–12:00 Fixed cone beam CT-guided navigation bronchoscopy

12:00–13:15 ***Lunch break***

Session V – Practical/Interactive session

13:15–13:45 Lecture(s) on device-specific characteristics (optional)

13:45–14:00 Walk to the OR / training center

Wet-lab hands-on simulation sessions (4 parallel workstations, guided by faculty):

14:00–17:00 C-arm based tomosynthesis and augmented fluoroscopy guided navigation bronchoscopy

14:00–17:00 Electromagnetic navigation and tomosynthesis guided navigation bronchoscopy

14:00–17:00 Robotic assisted bronchoscopy combined with mobile cone beam CT imaging

14:00–17:00 Fixed cone beam CT-guided navigation bronchoscopy

17:00 Closing remark

All times are in CET.