



**Skills course**  
**Thoracoscopy and pleural techniques**  
**06-08 July 2026**  
**Newcastle, United Kingdom**

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**Monday, 06 July 2026**

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**Day 1**

08:30–08:50	Welcome – A. Aujayeb, B. Duysinx
08:50–09:00	Introduction and description of the course – A. Aujayeb, B. Duysinx
09:00–09:45	Anatomy and applied physiology of the pleural space – V. Heinen
09:45–10:30	Pleural imaging: role of CXR, USS, CT, PET and MRI: what do pulmonologists need to know? – D. De Fonseca
10:30–10:45	<i>Break</i>
10:45–11:15	Chest tube drainage of the pleural space – M. Froudarakis
11:15–11:45	Medical thoracoscopy: set up and basic approach – K. Jackson
11:45–12:15	How to anticipate and diagnose iatrogenic complications of thoracoscopy – P. Astoul
12:15–14:00	<i>Lunch break</i>
	<b>HANDS-ON WORKSHOPS - Workstations</b>
14:00–17:00	Artificial pneumothorax – Pleural exploration (single point of entry) – Parietal pleura biopsy (rigid biopsy forceps) – Indwelling pleural catheter insertion – Electrocautery



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## Tuesday, 07 July 2026

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### **Day 2**

- 09:00–09:45 Pleural exudates: role of thoracoscopy – N. Rahman  
09:45–10:30 Management of recurrent malignant pleural effusions – R. Panchal  
10:30–11:00 Semi rigid thoracoscopy - perspectives – M. Munnavar

11:00–11:15 *Break*

- 11:15–12:00 Day case thoracoscopy – E. Mishra  
12:00–12:45 Update on the non-expandable lung – does it matter? - P. Astoul

12:45–14:00 *Lunch break*

### **HANDS ON WORKSHOPS - Workstations**

- 14:00–17:00 Second point of entry – Pleural exploration with two hands – Biopsies  
- Pleural poudrage - Management of bleeding – Management of air-leak –  
Other pleural manoeuvres



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## Wednesday, 08 July 2025

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### Day 3

09:00–09:45	Anaesthetic/sedation considerations and analgesia for medical thoracoscopy- E. Turnbull
09:45–10:15	Interventional management of primary spontaneous pneumothorax – E. Mishra
10:15–11:00	Non-specific pleuritis after thoracoscopy – B. Duysinx
11:00–11:15	<i>Break</i>
11:15–11:45	Interventions in empyema – K. Conroy
11:45–12:30	Difficult thoracoscopy/complications - Real life cases - A. Aujayeb
	Open discussion and hands-on around (pleural techniques):
	- Pleural ultrasound
	- Chest drainage
12:30–13:30	- Indwelling pleural catheter
	- Thoracoscopic equipment
	- Erector spinae block
13:30	<i>End of the course</i>

*All times are in UK time (BST).*