



# 1<sup>st</sup> SingHealth Pleural Disease and Thoracic Ultrasound Workshop

**Friday – Sunday, 21 – 23 February 2025**

**8am – 5.15pm | Academia, L1-S3 and PSL-2**

*20 College Road, Singapore 169856 (Located in SGH Campus)*

## INTRODUCTION

Pleural disease is extremely common but often a challenge to manage well. Recent advances have seen an expansion in pleural procedures available to physicians, the increasing use of thoracic ultrasonography as a diagnostic and procedural adjunct, and a shift towards streamlined, ambulatory and individualised care. The rapidly developing field of pleural disease is therefore far more nuanced.

This two-and-a-half-day workshop will cover the latest developments in pleural disease, with hands-on experience on basic and advanced pleural procedures as well as thoracic ultrasonography. The aim is to equip participants with the necessary skills and knowledge to deliver optimal care to patients with pleural disease. The workshop is supported by a multi-disciplinary team of speakers and faculty from Respiratory Medicine, Radiology, Cardiothoracic surgery, Oncology and Pathology. We are also privileged to have Professor Najib Rahman, a co-chair of the British Thoracic Society and multiple European Respiratory Society guidelines on pleural disease, as an expert speaker and faculty.

## LEARNING OBJECTIVES

- Comprehensive coverage of topics related to pleural disease
- Latest updates in the management of pleural disease
- Small group hands-on experience with thoracic ultrasound and pleural procedures including thoracoscopy, indwelling pleural catheter insertion, and image guided pleural biopsy
- To independently perform a focused thoracic ultrasound examination and interpret findings into the clinical context.

## TARGET AUDIENCE

This workshop is aimed at practitioners who manage pleural disease, including physicians, trainees, residents, and nurse specialists in Respiratory Medicine, General Medicine, Emergency Medicine, Critical Care Medicine, Thoracic Surgery and Medical Oncology.



**EARLY BIRD REGISTRATION TILL 31 OCTOBER 2024**

- Certificate of Attendance will be issued to those who attend 75% of the workshop.
- CME Points: Application in progress
- For enquiries, please email to [sims.sssc@singhealth.com.sg](mailto:sims.sssc@singhealth.com.sg)

**Scan to register**



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**Institute of Medical Simulation**

**Friday, 21 February**

**Venue: L1-S3**

<b>Timing</b>	<b>Topic</b>
0800 – 0830	Registration and breakfast
<b>0830 – 0835</b>	<b>Opening address</b>
0835 – 0905	Approach to the undiagnosed pleural effusion
0910 – 0940	Evolving pathways in malignant pleural effusions
0945 – 1005	The role of CT, PET and MRI in pleural disease
<b>1010 – 1035</b>	<b>Tea Break</b>
1035 – 1105	Introduction to thoracic ultrasonography (TUS)
1110 – 1130	TUS: Pleura, pleural effusions, diaphragm
1135 – 1155	TUS: Interstitial syndrome, pneumothorax, consolidation/atelectasis
1200 – 1220	TUS: Cardiac ultrasound
1225 – 1300	How do I use thoracic ultrasound in my practice?
<b>1305 – 1355</b>	<b>Lunch</b>

**Venue: PSL-2**

<b>Timing</b>	<b>Topic</b>
1355 – 1405	Introduction
1405 – 1730 (25 mins per station)	Hands-on stations: <ol style="list-style-type: none"><li>1. Thoracic ultrasound exam</li><li>2. Cardiac ultrasound</li><li>3. Pleura and pleural effusion</li><li>4. Interstitial syndrome</li><li>5. Pneumothorax</li><li>6. Thoracentesis</li></ol>
Tea break at 1555 – 1615	
<b>1720 – 1730</b>	<b>Closing</b>

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**Saturday, 22 February**

**Venue: L1-S3**

<b>Timings</b>	<b>Topic</b>
<b>0800 – 0830</b>	<b>Registration and breakfast</b>
0830 – 0835	Introduction
0835 – 0900	Pleural biopsy modalities – selection and considerations
0905 – 0935	Indwelling pleural catheters
0940 – 1000	Evidence based management of non-malignant pleural effusions – are we there yet?
1005 – 1030	Updates in primary spontaneous pneumothorax
<b>1035 – 1100</b>	<b>Tea Break</b>
1100 – 1120	Management of persistent air leaks – can we individualise care?
1125 – 1145	Surgical management of pneumothorax
1150 – 1215	Diagnostic challenges with TB pleuritis
1220 – 1255	Management of pleural infections
<b>1300 – 1355</b>	<b>Lunch</b>

**Venue: PSL-2**

<b>Timing</b>	<b>Topic</b>
1355 – 1405	Introduction
	<b>Hands-on stations:</b>
1405 – 1730 (25 mins per station)	1. Semi-rigid thoracoscopy
	2. Rigid thoracoscopy
	3. Indwelling pleural catheters
Tea break at 1555 – 1615	4. Chest drainage and ambulatory devices
	5. Closed pleural biopsy
	6. Chest drain insertion
	7. Endobronchial valves and digital drainage devices
<b>1720 – 1730</b>	<b>Closing</b>

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Sunday, 23 February

Venue: L1-S3

Timing	Topic
<b>0800 – 0830</b>	<b>Registration and breakfast</b>
0830 – 0835	Introduction
0835 – 0855	Management of nontraumatic chylothorax
0900 – 0920	Lymphatic imaging modalities
0925 – 0945	Surgery for pleural infections
0950 – 1010	Interventional radiology in persistent air leaks
1015 – 1035	Re-biopsy in advanced breast cancer – when and why?
<b>1040 – 1120</b>	<b>Brunch</b>
1120 – 1220	Pleural MDT – challenging cases in pleural disease
1225 – 1245	Developing a specialist pleural service
1245 – 1305	What's on the horizon for pleural disease?
<b>1310 – 1320</b>	<b>Closing address</b>

