



SGH | NUH
Interventional Pulmonology



The Inaugural SGH-NUH Bronchology Workshop

Under the Aegis of APIPA

1-2 March 2024 | SingHealth Experimental Medicine Center
Academia, 20 College Rd, Singapore 169856

Organized by



Supported by



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Dr Angela Takano
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| Preamble

“What if you could learn in two days a framework to achieve skill competency in endobronchial ultrasound (EBUS), so that your patients receive optimal care steeped in the best available evidence besides procedural effectiveness and safety? For instance, you’d be confident to discuss with a patient recently diagnosed with lung cancer on pertinent issues like: necessity for invasive mediastinal staging, pros and cons of various methods, reasons for choosing one over the rest, among others. And that’s not all – at this workshop, you’ll have the opportunity to learn collectively in an intellectually stimulating and psychologically safe environment with regional delegates and faculty.”



Endobronchial ultrasound (EBUS) is widely used by pulmonologists worldwide to sample mediastinal lymph nodes via the convex probe i.e., linear EBUS or peripheral pulmonary lesions via the radial probe (R-EBUS). Although it’s been two decades since the advent of linear EBUS, training for EBUS-guided transbronchial needle aspiration (EBUS-TBNA) remains unstructured in most countries in this region.

The practical requisites for EBUS-TBNA are three-fold: knowledge, communications, and performance of the skill. Skilled performance further includes endoscopic negotiation, ultrasonographic identification of vascular landmarks, and the sampling procedure itself. However, you’d have probably heard some interventional pulmonologists lament that EBUS-TBNA is technically more challenging than therapeutic bronchoscopy.

The inaugural SGH-NUH Bronchology Workshop, supported by the Asian Pacific Interventional Pulmonology Alliance (APIPA) is an initiative conceptualized by interventional pulmonologists from Singapore’s top academic medical centers as the first step to a common goal of developing a structured and standardized EBUS training curriculum in the near future.



Workshop Objectives

Our 2-day workshop aims to equip participants with a sound understanding of EBUS from the angles of evidence-based medicine and procedural competency.

The program is meticulously crafted to maximize participants' experiential acquisition of crucial content knowledge and practical know-hows. Participants can look forward to bite-sized topic reviews, pro-con debates and interactive small group discussions in addition to proctored hands-on practice on animal models.

Besides standard learning materials in linear EBUS-guided transbronchial needle aspiration (EBUS-TBNA) and radial EBUS (REBUS), principles thoracic oncology behind mediastinal staging for lung cancer, and basics of bronchial branch tracing (BBT) in performing peripheral bronchoscopy would be given special focus.

Bonus topics include opportunities to learn and perform EBUS-guided transbronchial forceps biopsy/cryo-nodal biopsy, transbronchial lung cryobiopsy (TBLC) and bronchoscope-guided fine needle aspiration (EUS-B-FNA).

Pre-workshop materials would be made available to registered participants over a sleek online platform 2 weeks before the workshop. Pulmonology fellows/attendings and bronchoscopy nurses are welcomed.



0815–0845	Registration	
0845–0900	Opening Address by Dr Anantham Devanand, Head of SingHealth Duke-NUS Lung Center	
0900–0930	Rapid Review (1) EBM	Clinical utility of radial EBUS (R-EBUS) in pulmonology Dr Melvin Tay CK
0930–1015	Pro-Con Debate (1)	Motion: Transbronchial lung cryobiopsy (TBLC) is a mandatory service in any pulmonology unit Dr Eric Tenda (For) & Dr Ian Soo (Against)
1015–1045	Rapid Review (2) Clinical pearls	Decision making & periprocedural challenges in performing R-EBUS Dr Kho Sze Shyang
1045–1115	Break	
	<i>Hands-on session (1)</i>	
1115–1200	Station 1A (Small group teaching) Meet the Expert: How I perform R-EBUS-guided transbronchial lung biopsy (TBLB)	Station 1B TBLB with R-EBUS/guide-sheath/guiding device Dr Carrie Leong
1200–1245	Station 2A (Small group teaching) Meet the Expert: How I perform R-EBUS-guided TBLC	Station 2B TBLC with R-EBUS/guide-sheath/balloon blocker Dr Eric Tenda
1115–1200	Station 3A (Small group teaching) Meet the Expert: How I perform R-EBUS-guided TBLB	Station 3B TBLB with R-EBUS/guide-sheath/guiding device Dr Brian Chua, Dr Melvin Tay CK
1200–1245	Station 4A (Small group teaching) Meet the Expert: How I perform R-EBUS-guided TBLC	Station 4B TBLC with R-EBUS/guide-sheath/balloon blocker Dr Ian Soo
1245–1400	Lunch	
1400–1445	Pro-Con Debate (2)	Motion: Is Robotic-assisted bronchoscopy necessary in Southeast Asia? Dr Carrie Leong (For) & Dr Kho Sze Shyang (Against)
1445–1515	Rapid Review (3) EBM	Clinical utility of linear EBUS in pulmonology, including current controversies Dr Eric Tenda
1515–1545	Rapid Review (4) Clinical pearls	Maximizing the yield of linear EBUS: procedural tips & tools; mediastinal lymph node biopsy techniques Dr Ian Soo
1545–1615	Rapid Review (5) EBM	Making sense of mediastinal staging in lung cancer via linear EBUS – sedation/anesthesia; procedural methods Dr Melvin Tay CK
1800–Late	Dinner	



<i>Hands-on session (2)</i>	
0900–0945	Station 1A <i>(Small group teaching)</i> Meet the Expert: How I perform thorough mediastinal staging, and EBUS-TBNA
	Station 1B Thorough mediastinal staging, EBUS-TBNA Dr Carrie Leong, Dr Tan Yi Hern
0945–1030	Station 2A <i>(Small group teaching)</i> Meet the Expert: How I perform EBUS-guided transbronchial forceps biopsy/cryo-nodal biopsy
	Station 2B EBUS-guided transbronchial forceps biopsy/ cryo-nodal biopsy Dr Kho Sze Shyang, Dr Eric Tenda
1030–1045	Break
1045–1130	Station 3A <i>(Small group teaching)</i> Meet the Expert: How I perform perform EUS-B-FNA
	Station 3B EUS-B-FNA Dr Ian Soo, Dr Melvin Tay CK
1130–1215	Station 4A <i>(Small group teaching)</i> Meet the Expert: How I process specimens obtained via linear EBUS, including ROSE
	Station 4B Specimen processing Dr Angela Takano, Bronchoscopy nurses
1215–1330	Lunch
1330–1340	Introduction to Bronchial Branch Tracing (BBT) Dr Kho Sze Shyang
1340–1440	Practice Cases 1-3 Faculty
1440–1500	BREAK
1520–1640	Practice Cases 4-7 Faculty
1640–1700	Certificate Presentation to Delegates & Token of Appreciation to International Faculty

Workshop Details

Date ————— 1-2 March 2024

Time ————— 0900-1700

Training format ——— In person

Venue ————— SingHealth Experimental Medicine Center
Academia, 20 College Rd, Singapore 169856

Workshop fees ——— S\$600 *(Inclusive of Workshop Dinner 1 March 2024)*

Registration ——— Scan QR code to assess registration link

Payment Method ——— Refer to next page



Payment Method

Local Participants

In your banking app, scan the QR code below to make payment, take a screenshot and fill up the **formsg** below.

Payment Type

The Inaugural SGH-NUH Bronchology Workshop

The e-Payment Reference Number provided must follow the format:

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E.g. 20240122BW91234567

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Note: only submitted records with the stated reference number format will be accepted.



Overseas Participants

Bank transfer (TT/GIRO)

Bank Account Name

SINGAPORE GENERAL HOSPITAL PL co MOHH

DBS Bank Address

***2 MARINA BOULEVARD, DBS ASIA CENTRAL
MARINA BAY FINANCIAL CENTRE TOWER 3
SINGAPORE 018982***

Bank Account Number

8858111507

Bank Swift BIC

DBSSGSG (FOR GIRO. FAST, MEPS & TT)

When bank transfer is arranged, please email proof of payment/payment advice to ***shhq.sddc.lung.centre@singhealth.com.sg***

Please take note that:

** All bank charges including those of intermediary banks shall be borne by payer.*

** Please transfer the payment in SGD so as to minimize the likelihood of receiving different amount due to exchange rate difference.*



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