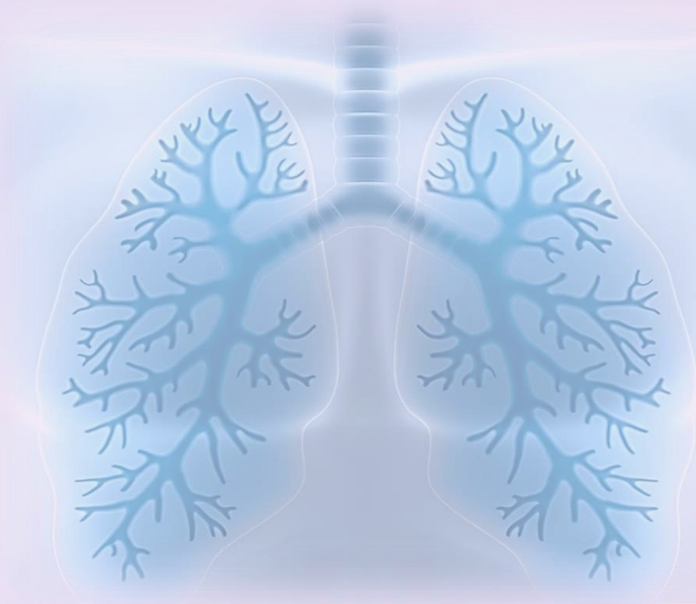
TTSH INAUGURAL SPIROMETRY TRAINING COURSE 2025



SATURDAY, 08 FEBRUARY 2025 | 08:30AM – 12:30PM

TTSH MEDICAL BLOCK, LEVEL 4
RESPIRATORY FUNCTION LABORATORY, CLINIC 4A

SYNOPSIS

Spirometry, the most performed pulmonary function test, plays a crucial role in the **diagnosis and management of respiratory disorders**. By assessing ventilatory capacity via a series of forced exhalation manoeuvres, spirometry provides valuable insights into one's lung function. However, achieving accurate results requires high quality spirometry testing.

Our upcoming inaugural TTSH Spirometry Training Course is designed to equip participants with the necessary skills to **conduct and interpret high-quality spirometry tests**, based on the latest guidelines on test performance, report standardisation and result interpretation which had emerged in recent years.

LEARNING OBJECTIVES

- Understand the fundamentals of spirometry and its role in diagnosing respiratory conditions
- Perform accurate spirometry tests with hands-on experience and proper patient preparation
- Analyse and interpret spirometry results, identifying normal and abnormal lung function
- Recognise common testing errors and apply troubleshooting techniques
- Apply spirometry results in clinical decision-making for optimal patient care.

TARGET AUDIENCE

Healthcare professionals, doctors, nurses, technicians and research coordinators, involved in the diagnosis, treatment, and care of patients with respiratory disorders.

TRAINING ROADMAP

A PRE-COURSE e-LEARN

Kindly note that non-NHG participants have to pay an additional fee of $13.08* for eLEARN account creation.

Certificate of Attendance | Half-Day Session; Limited Slots

B LECTURES & PRACTICUM

- Introduction to Spirometry
- Conduct of Spirometry & its Variation
- Reporting Standards
- Spirometry Interpretation
- Experience Spirometry
- Common Artefacts in Spirometry
- Case Discussion

Certificate of Competency | Optional ; SGD 120 per session

C ATTACHMENT

RESPIRATORY FUNCTION LABORATORY

Participants who are keen to achieve competence in spirometry testing can arrange laboratory attachments. During these half-day blocks, participants will have opportunity to observe and conduct spirometry tests on clinical patients under the direct supervision of our experienced lab staff. A logbook of 10 satisfactory spirometry tests is required to attain the Certificate of Competency.

REGISTER HERE:

for.sg/spiro2025

COURSE FEES & CLOSING:

SGD 150* (Early Bird: 15 Dec 2024)
SGD 200* (Standard: 03 Jan 2025)

**Excluding eLEARN fee of $13.08 for non-NHG participants*

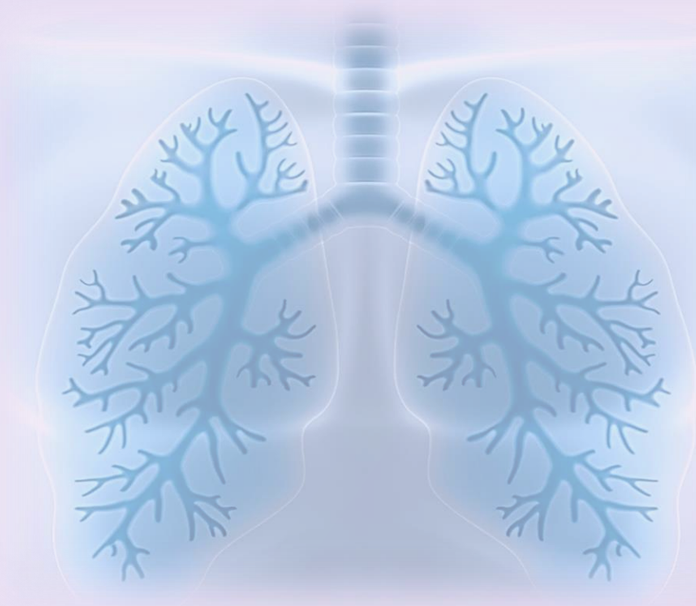
Organised by the Department of Respiratory & Critical Care Medicine

For queries, please email us at **Respiratory_Function_Lab@ttsh.com.sg**

Under the auspices of:

SINGAPORE THORACIC SOCIETY
National Healthcare Group — Adding years of healthy life
Tan Tock Seng HOSPITAL

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SPEAKERS & TRAINERS



Dr Tan Geak Poh

MBChB (Dundee), MRCP (UK), FAMS, FRCP (Edin)
Senior Consultant, Respiratory & Critical Care Medicine, Tan Tock Seng Hospital

Dr Tan is a Senior Consultant at the Department of Respiratory and Critical Care Medicine. His primary interest is in the field of pulmonary physiology, sleep, and non-invasive ventilation. Dr Tan is currently the Clinical Lead of the Respiratory Function Laboratory at Tan Tock Seng Hospital and is involved in the development of the Chapter of Respiratory Medicine office spirometry guideline.



Ms Qi Danqing

Principal Respiratory Lab Technologist
Respiratory Function Laboratory, Tan Tock Seng Hospital

As the Principal Respiratory Lab Technologist at TTSH, Danqing has over 20 years of experience in lung function testing such as Spirometry, Diffusing Capacity for Carbon Monoxide (DLCO), Plethysmography, Fractional Exhaled Nitric Oxide (FeNO), Cardiopulmonary Exercise Test (CPET), etc. Her dual expertise in both respiratory function and sleep studies as a Registered Polysomnographic Technologist™ (RPGST) sets her apart as a leader in the field.



Ms Yusmarita Bte Mohd Yusoff

Senior Respiratory Lab Technologist
Respiratory Function Laboratory, Tan Tock Seng Hospital

A Senior Respiratory Lab Technologist with over 20 years of expertise, Rita is proficient in advanced lung function tests such as Spirometry, DLCO, Plethysmography, FeNO, and CPET. Her vast knowledge ensures the highest standards in respiratory diagnostics.



Ms Tai Jia Yu

Senior Respiratory Lab Technician, Respiratory Function Laboratory, Tan Tock Seng Hospital

Senior Respiratory Lab Technician at TTSH, Jia Yu bring a wealth of experience to the field. Jia Yu is also a Registered Polysomnographic Technologist™ (RPGST) specialising in sleep studies, enhancing TTSH's capacity for comprehensive patient care.



Mr Ong Shu Hau

Senior Respiratory Lab Technician, Respiratory Function Laboratory, Tan Tock Seng Hospital

Shu Hau is an experienced Senior Respiratory Lab Technician specialising in advanced pulmonary diagnostics, lab operations, and mentoring, ensuring accurate results and patient care.



Ms Chiu Pei Rou Andrea

Respiratory Lab Technician, Respiratory Function Laboratory, Tan Tock Seng Hospital

Andrea is a skilled technician proficient in conducting pulmonary tests and supporting clinical assessments, committed to precision and patient comfort.

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