



ACOH 2026: DOSH OCCUPATIONAL HEALTH SEMINAR SERIES SPIROMETRY

4 - 5 AUGUST 2026 (TUESDAY - WEDNESDAY)
SHERATON KUCHING

INTRODUCTION & OBJECTIVES

Spirometry test is one of the important investigation tools in diagnosing Occupational Lung Diseases. It is also used as a biological effects monitoring tool for medical surveillance purposes due to exposure to chemicals hazardous to health.

This session aims to benefit Occupational Health Practitioners in understanding the principles, interpretation, and technical aspects of spirometry testing, particularly in the context of occupational exposure and surveillance.

At the end of this series, participants will be able to:

1. Explain the basic principles and physiological concepts underlying spirometry testing.
2. Perform and evaluate spirometry according to standard procedures, including quality control requirements based on ATS guidelines.
3. Interpret spirometry results and differentiate between obstructive, restrictive, and mixed ventilatory defects.
4. Determine work-relatedness of lung function abnormalities and apply findings appropriately in occupational medical surveillance and reporting.

WHO SHOULD ATTEND THE COURSE?

Occupational Health Physicians,
Public Health Physicians,
Occupational Health Doctors,
Approved Medical Examiners (AME),
Medical Specialists, Medical Practitioners,
Occupational Health Nurses, Assistant Medical
Officers and Safety & Health Officers, and
Assistant Environmental Health Officers.

CONTINUING PROFESSIONAL DEVELOPMENT POINTS

(MMA) CPD points
(DOSH) CEP points

REGISTRATION

<https://www.ach2026.com/registration>

Program Agenda

DAY 1		
Time	Topic	Speaker
8.00 – 8.30 am	REGISTRATION	AOEMM Secretariat
8.30 – 8.45 am	Opening Remarks	Prof Dr Abu Hasan Samad AOEMM President
8.45 – 9.30 am	Introduction to Occupational Lung Diseases	Assoc. Prof Marzuki Isahak Occupational Health Physician
9.30 – 10.15 am	Work-relatedness determination for lung disorders	Prof Dr Abu Hasan Samad Occupational Health Physician
10.15 – 10.30 am	TEA BREAK	
10.30 – 11.15 am	Overview of spirometry in clinical practice	Dr Wong Chee Kuan Respiratory Physician
11.15 am – 12.00 pm	Basic Spirometry – indication & contraindication	Dr Tan Jiunn Liang Respiratory Physician
12.00 – 12.45 pm	Quality Control based on ATS guidelines	Dr Tan Jiunn Liang Respiratory Physician
12.45 – 2.00 pm	LUNCH	
2.00 – 2.45 pm	Demonstration & Hands-on	RFT technician + company
2.45 – 3.30 pm	Occupational Lung Diseases - Case discussion 1	Prof KG Rampal Occupational Health Physician
3.30 – 4.15 pm	Data interpretation - Case discussion 2	Dr Tan Jiunn Liang Respiratory Physician
4.15 – 5.00 pm	Data interpretation - Case discussion 3	Dr Wong Chee Kuan Respiratory Physician

DAY 2		
Time	Topic	Speaker
8.00 – 8.30 am	REGISTRATION	AOEMM Secretariat
8.30 – 9.00 am	Recap of Day 1 & Pre-Test Discussion	Prof Dr Abu Hasan Samad AOEMM President
9.00 – 9.45 am	Advanced Spirometry Interpretation (Obstructive vs Restrictive Patterns)	Dr Wong Chee Kuan Respiratory Physician
9.45 – 10.30 am	Bronchodilator Testing & Reversibility Assessment	Dr Tan Jiunn Liang Respiratory Physician
10.30 – 10.45 am	TEA BREAK	
10.45 – 11.30 am	Surveillance for Occupational Lung Diseases (DOSH Requirements & Legal Framework)	Occupational Health Physician
11.30 am – 12.15 pm	Occupational Asthma & Hypersensitivity Pneumonitis	Assoc. Prof Marzuki Isahak Occupational Health Physician
12.15 – 1.30 pm	LUNCH	

1.30 – 2.15 pm	Reporting & Documentation (Medical Surveillance & PERKESO Considerations)	Prof KG Rampal Occupational Health Physician
2.15 – 3.00 pm	Small Group Case Exercise (Interpretation & Work-Relatedness Justification)	All
3.00 – 3.15 pm	TEA BREAK	
3.15 pm – 4.00 pm	Assessment (Spirometry Interpretation Test)	All
4.00 – 4.30 pm	Discussion and Q&A	All
4.30 – 5.00 pm	Feedback & Adjourn	All