

# Problem Solving in Respiratory Care

## 30 Nov, 1, 4 & 5 Dec 2023

### Introduction

This course introduces the “Problem Solving Approach” to contemporary cardiopulmonary physiotherapy practice. It is a simple framework that helps Physiotherapists in clinical reasoning, and guides them in patient management and achieving outcomes through evaluation of clinical features and potential pathophysiological basis. This course aims to provide both physiological and scientific evidences to support commonly used respiratory care modalities in local setting. This is an interactive course with case illustrations and practical components. The contents are appropriate for those who have some/ basic exposure to patients with cardiopulmonary dysfunction, and aim to provide specialised care by developing a systematic and evidence-based approach to respiratory care delivery.

### Course Objectives

At the end of the course, participants should acquire the skills to:

- 1) Assess, identify and prioritise respiratory problems amendable to physiotherapy techniques, followed by identifying the indications, precautions and contraindications to physiotherapy interventions.
- 2) Explain, anchored on scientific basis, the rationale of various cardiorespiratory therapy techniques
- 3) Formulate physiotherapy plan involving physiotherapy techniques and adjuncts that are suitable for different respiratory issues
- 4) Demonstrate practical skills to manage the various respiratory physiotherapy adjuncts

### Course Outline

- 1) Clinical reasoning model
- 2) Increased work of breathing
  - Positioning, breathing techniques, energy conservation
  - Outcome measures
- 3) Ineffective secretion clearance
- 4) Inadequate respiratory volume
- 5) Adjuncts and techniques: Manual assisted Cough, Mechanical Insufflation-Exsufflation, Smart vest, Acapella, Cornet, Aerobika, Bubble PEP, Breath stacking, Bagging / Manual hyperinflation

### Target Audience

This course is suitable for physiotherapists who encounter patients with a broad range of breathing problems in both the acute care (but NOT critical care) and community setting.

### Course Details

Date & Time:	: <b>Online</b> (via Zoom Cloud Meetings) <b>30 Nov, 1 &amp; 4 Dec 2023   1.30 pm – 5.30 pm</b>
	<b>Classroom</b> (Therapy Skills Lab, Level 1, Academia, 20 College Road, S169856) <b>5 Dec 2023   1.30 pm – 5.30 pm</b>
Duration	: <b>16 hours</b>
Class Size	: <b>20 pax</b>
Device	: <b>Laptop/Desktop for Zoom sessions</b> (with required microphone, speaker, webcam)
Fee	: <b>S\$ 880</b> (SingHealth staff/ SPA Member) <b>S\$ 980</b> (Regular) <i>(inclusive of prevailing rate of GST)</i>

### Faculty

#### Singapore General Hospital

**Assoc Prof Ong Hwee Kuan**  
Senior Principal Physiotherapist

**Low Wai Yan**  
Principal Physiotherapist

**Tan Chun Ju**  
Principal Physiotherapist

**Sophia Cheah**  
Senior Physiotherapist

**Ling Mei Qing**  
Senior Physiotherapist

**Nurul Aini Bari**  
Senior Physiotherapist

**Lim Chuan Poh**  
Principal Clinical Pharmacist

### Registration

To register (internet access required), scan the QR code or click on the web link. Registration closes on **9 Nov 2023**.



<https://form.gov.sg/64c328dfcd126c00123f2d9f>

Upon registration, you agree to PGAHI [Terms & Conditions](#).

### Quick Links

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