



Problem Solving in Respiratory Care

10, 11, 14 & 15 Nov 2022

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 outcomes through evaluation of clinical features and potential pathophysiological basis. This course aims to provide both physiological and scientific evidence to support the 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 aims 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:

- 1) The skills to assess, identify indications, precautions and contraindications & prioritise the respiratory problems amendable to physiotherapy techniques
- 2) Advanced knowledge on the rationale and scientific basis supporting the various cardiorespiratory therapy techniques
- 3) Abilities to identify physiotherapy techniques and adjuncts that are suitable for different respiratory issues
- 4) 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
- 1) Ineffective secretion clearance
- 2) Inadequate respiratory volume
- 3) 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:	: Online (via Zoom Cloud Meetings) 10, 11 & 14 Nov 2022 1.30 pm – 5.30 pm
	: Classroom (Therapy Skills Lab, Level 1, Academia, 20 College Road, S169856) 15 Nov 2022 1.30 pm – 5.30 pm
Duration	: 16 hours
Class Size	: 20 pax
Device	: Laptop/Desktop for Zoom sessions (with microphone, speaker, webcam)
Fee	: S\$ 680 (SingHealth staff/ SPA Member) S\$ 750 (Regular) (inclusive of 7% GST)

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

Registration

To register (internet access required), scan the QR code or click on the web link. Registration closes on **20 October 2022, Thursday**.



<https://form.gov.sg/62f496749b241b001286f139>

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

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