



Evidence-based Practice in Physiotherapy

10, 17, 24, 31 May 2022

Introduction

This course emphasizes the principles of evidence-based practice and it specifically caters to physiotherapists who wish to improve their clinical practice through enhanced skills in sourcing, interpreting, and applying the scientific literature. It also covers study design & research terminology, commonly used literature appraisal tools for Randomised Controlled Trials & systematic review, and statistical data interpretation.

Course Objectives

At the end of the course, participants should be able to:

- 1) Conduct efficient and systematic search of medical literature that relates to a clinical question
- 2) Appraise the quality of a clinical research based on its methodology
- 3) Interpret the results of common types of clinical research: Observation studies, quasi-experimental studies, experimental studies and review studies
- 4) Assess the external validity and generalizability of a research study

Course Outline

- Processes of evidence-based medicine (EBM) and study design
- Question formulation PICO
- Pragmatic literature search
- Descriptive statistics & Statistical inferences
- Binary data & Continuous data
- Correlation
- Regression
- RCT appraisal
- Systematic reviews & Meta-analysis

Teaching Faculty

Teaching faculty will be from Singapore General Hospital:

A/Prof Ong Hwee Kuan, Senior Principal Physiotherapist

Dr Pua Yong Hao, Senior Principal Physiotherapist

A/Prof Dawn Tan, Senior Principal Physiotherapist

Dr June Quek, Principal Physiotherapist

Dr Shamala Thilarajah, Principal Physiotherapist

Course Details

Self-paced Online Learning

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| Date | : Available from 2 May 2022 (Materials will be released at least 1 week before each live interactive session) |
| Duration | : Total of 8 hours |
| Platform | : SingHealth e-Learning Portal |

Participants will be divided into groups and have online discussions before each live online interactive session.

Live Interactive Session

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| Date | : 10, 17, 24, 31 May 2022 |
| Duration | : Total of 10 hours |
| Time | : 3.00 pm – 5.30 pm |
| Class size | : 25 pax |
| Device required | : Laptop/ Desktop (with microphone, speaker and webcam) |
| Platform | : Zoom Cloud Meetings |
| Fee | : S\$540 (SingHealth staff or SPA member) S\$600 (Regular) (inclusive of 7% GST) |

Target Audience

Practising physiotherapists who aspire to be an evidence-based practitioner: Participants are required to complete assignments, actively participate in group work and demonstrate skills and knowledge acquired from the course through short presentations.

Registration

To register (internet access is required), scan the QR code or click on the web link.

Registration closes on 19 April 2022, Tuesday.



<https://form.gov.sg/620f023acda2f10015f917aa>

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

Quick Links

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