



Registration form available:  
<http://www.niccer.org.au>

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# RACEplus

*Rapid Assessment by Cardiac Echo plus*

**Hong Kong**

Date: 2-3 July 2015

Cost: AUD1150.00\*

Where: Queen Elizabeth Hospital, Kowloon, Hong Kong

## Introduction

RACE (Rapid Assessment by Cardiac Echo) is a transthoracic echocardiography (TTE) course specifically designed for the critical care and acute care physicians. Its objective is to equip physicians in these areas with the skills and knowledge to perform focused bedside TTE so that common cardiac and haemodynamic disorders can be identified quickly. There is a strong focus on HANDS-ON practice in this course.

- ✓Left heart function
- ✓Right heart function
- ✓Pericardial effusion and cardiac tamponade
- ✓Intravascular volume (fluid status) assessment

## RACEplus

The HK RACEplus course is an extension of the RACE course and normally spans over 2 - 3 days. RACEplus covers the RACE content plus some advanced TTE and critical care ultrasound topics.

## RACEplus in Hong Kong

The content of RACEplus includes:

- ♦ Day 1: Basic (RACE) workshop which is suitable for physicians with little or no prior knowledge of TTE but wish to learn critical care TTE as an extension of their physical examination skills, plus
- ♦ Day 2: Advanced module that includes:
  - ✓Doppler echo and common Doppler measurements
  - ✓Echo in hypotensive patients
  - ✓Case interpretation and reporting workshop

\*Registration fee includes a copy of Critical Care Ultrasound Manual (2012) AS McLean & SJ Huang (eds). Elsevier Press.



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# RACEplus

*2-3 July 2015*  
*Programme*

## Day 1: RACE

- 0830 Introduction to RACE
- 0845 Knobology and basic TTE views
- 0915 Demonstration: How to perform TTE?
- 0945 Hands-on I: Parasternal views
- 1045 Morning break
- 1100 Hands-on II: Apical and subcostal views
- 1200 Lecture:
  - LV evaluation
  - RV evaluation
- 1300 Lunch
- 1330 Fluid status assessment
  - Pericardial effusion and tamponade
- 1415 Demonstration/Case: Going through & interpreting RACE study
- 1445 Hands-on III: Performing RACE
- 1530 Afternoon break
- 1545 Hands-on IV: Performing RACE
- 1630 Summary
- 1700 Finish

## Day 2: RACEplus

- 0830 Case studies (2D and M-mode)
- 0900 Hands-on: Performing RACE
- 1000 Doppler and colour Doppler: Physics and principles
- 1030 Morning break
- 1045 Simple Doppler applications: CO and PASP estimations
- 1115 Hands-on: Student-directed
- 1215 Lunch
- 1300 Echo in hypotensive patients
- 1330 Hands-on: Student-directed
- 1415 Afternoon break
- 1430 Case interpretation and reporting workshop
- 1630 Summary and evaluation
- 1700 Finish