



RACE_{plus}

Rapid Assessment by Cardiac Echo plus
Proudly sponsored by PHILIPS

Indonesia

Date: 21-22 October 2020

Where: Jakarta, Indonesia

Cost: AUD550 (Indonesian residents only)

Faculty

International

- Professor Anthony McLean, Sydney
- Professor Stephen Huang, Sydney
- Dr Louise Cole, Sydney
- Professor Michel Slama, France
- Dr Gladys Kwan, Hong Kong
- Dr Cindy Tsui, Hong Kong

Indonesia

- Dr Rita Ibrahim, Jakarta

Organisers:

**Nepean Institute of Critical Care
Education & Research, Australia**

Contact:

Dr Rita Ibrahim

Department Cardiology & Vascular Med
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National Cardiovascular Centre Harapan
Kita, Jakarta, Indonesia

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Registration:

<http://www.niccer.org.au>

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.

Course content

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

RACEplus

The content of RACE_{plus} 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: Intermediate module that includes:
 - ✓ Lung ultrasound
 - ✓ Echo in hypotensive patients
 - ✓ Focused assessment and feedbacks from instructors
 - ✓ Case interpretation workshop

Accreditations and CME points

RACE_{plus} is a recognized course in CME purpose by various colleges in Australasia & other countries, including CICM, ACEM, ANZCA, RACP, ASUM, HKCEM and HKCA.

Reference material (not included)

McLean & Huang (eds) *Critical Care Ultrasound Manual*, Elsevier Australia, Sydney, 2012.



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RACE_{plus}

Program

Day 1: RACE

0900 Introduction to RACE

0915 Knobology and image optimization

1000 Anatomy & TTE views

1030 Morning break

1050 Hands-on I:

- Image optimization
- Parasternal views

1155 Praying & Lunch

1300 Hands-on II:

- Apical views
- Subcostal views

1400 Lecture:

- LV evaluation
- RV evaluation

1500 Afternoon break

1520 Lecture:

- Fluid status
- Pericardial effusion and tamponade

1600 Hands-on III: Performing RACE

1650 Summary: Q&A

1700 Finish

Day 2: RACE_{plus}

0900 Case studies (2D and M-mode)

0930 Hands-on IV: Performing RACE

1020 Morning break

1045 Echo in hypotensive patients

1115 Hands-on V: Student-directed

1200 Praying & Lunch

1300 Lung ultrasound

1330 Hands-on: Focused assessments with feedbacks

1500 Afternoon break

1520 Case studies

1630 Summary and evaluation

1700 Finish