



## Faculty

- Dr Rita Ibrahim, Jakarta
- Professor Stephen Huang, Sydney
- Professor Anthony McLean, Sydney
- Ms Iris Ting, Sydney
- Other senior trainers

## Organizer



<https://niccer.asn.au>

## Contact:

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

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## Registration:

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



# RACEplus

**Rapid Assessment by Cardiac Echo plus**  
Proudly sponsored by GE Healthcare Indonesia

## Indonesia

Date: 3-4 May 2026

Where: Jakarta, Indonesia

Cost: AUD500 (Indonesian residents only); AUD1,500 (non-Indonesian residents)

## 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 HANs-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 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: Intermediate module that includes:
  - ✓ Lung ultrasound
  - ✓ Echo in hypotensive patients
  - ✓ Focused assessment and feedbacks from instructors
  - ✓ Case interpretation workshop

## Accreditations and CME points

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

## Registration and payment

To register, please visit <https://niccer.asn.au>. A **non-refundable deposit of AUD100** will be charged upon registration. After registration, please contact Dr Rita Ibrahim regarding the payment of the balance (AUD400).

## Reference material (not included)

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



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# RACEplus

## Program

### Day 1: RACE

0900 Introduction to RACE

0915 Anatomy & TTE views

#### 0935 Hands-on:

- *Parasternal views*

#### 1030 Morning break

#### 1050 Hands-on:

- *Apical views*
- *Subcostal views*

#### 1155 Praying & Lunch

1300 Lecture:

- *LV evaluation*
- *RV evaluation*

#### 1400 Hands-on:

- *Revision of different views*

#### 1500 Afternoon break

1520 Lecture:

- *Fluid status*
- *Pericardial effusion and tamponade*

#### 1600 Hands-on: Performing RACE

1650 Summary: Q&A

1700 Finish

### Day 2: RACEplus

0845 Case studies (2D and M-mode)

0915 Image optimization

#### 0945 Hands-on:

*Performing RACE with image optimization practice*

#### 1030 Morning break

1045 Lecture: *Echo in hypotensive patients*

#### 1115 Hands-on: Student-directed

#### 1200 Praying & Lunch

1300 Lecture: Lung ultrasound

#### 1330 Hands-on: Focused assessments with feedback

#### 1500 Afternoon break

1515 Case studies

1645 Summary and evaluation

1700 Finish