



RACE_{plus}

Rapid Assessment by Cardiac Echo plus
Proudly sponsored by GE Healthcare

Indonesia

Date: 10-11 August 2024

Where: Jakarta, Indonesia

Cost: AUD600 (Indonesian residents only)

International faculty

- Dr Chew Si Yuan, Singapore
- Dr Louise Cole, Sydney
- Dr Rita Ibrahim, Jakarta
- Dr Sandra Hui, Singapore
- Dr Wincy Ng, Hong Kong
- Professor Stephen Huang, Sydney

Organizer



<https://niccer.asn.au>

Contact:

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

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Registration:

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

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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.

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 (AUD500).

Reference material (not included)

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



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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: RACE_{plus}

- 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 feedbacks**

1500 Afternoon break

- 1515 Case studies
- from Indonesia
 - from Singapore
 - from Hong Kong
 - from Australia

- 1645 Summary and evaluation

- 1700 Finish