



# RACEplus

**Rapid Assessment by Cardiac Echo plus**  
**Potts Point, Sydney**

**Date:** 13 – 14 April 2024

**Where:** Potts Point, Sydney

**Cost:** AUD1,550\* (AUD1,700 after 13/03/2024)

## Faculty

- Mr Keren Mowbray
- Dr Louise Cole
- Dr Vijeth Bhat
- Professor Anthony McLean
- Professor Stephen Huang

Organiser:



[https:// niccer.asn.au](https://niccer.asn.au)

## Contact:

### Conference secretary

Ms Lisa Deaman

[secretary@niccer.asn.au](mailto:secretary@niccer.asn.au)

### Registration:

[https:// niccer.asn.au](https://niccer.asn.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 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.

## Reference material

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



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# RACEplus

## Tentative Program

### Day 1: RACE

0845 Welcome & Introduction to RACE (AM)

0900 Anatomy & TTE views (KM)

0920 Demonstration (KM)

#### 0945 Hands-on I:

- *Parasternal views*

#### 1030 Morning break

#### 1045 Hands-on II:

- *Apical views*
- *Subcostal views*

1200 Lecture:

- *LV evaluation (AM)*
- *RV evaluation (LC)*

#### 1300 Lunch

1345 Lecture:

- *Fluid status (SH)*
- *Pericardial effusion and tamponade (SH)*

#### 1430 Hands-on III: *Performing RACE*

#### 1530 Afternoon break

#### 1545 Hands-on IV: *Performing RACE*

1630 End of day 1

### Day 2: RACEplus

0845 Case studies (2D and M-mode) (AM)

0915 Image optimization (KM)

#### 0945 Hands-on IV: *Performing RACE with image optimization practice*

#### 1030 Morning break

1045 *Echo in hypotensive patients (LC)*

1115 *Lung ultrasound (SH)*

#### 1145 Hands-on V: *Performing RACE*

#### 1300 Lunch

#### 1345 Focused assessments

#### 1500 Afternoon break

1520 Case interpretation (AM)

1630 Q&A

1645 Finish