



# RACEplus

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

**Date:** 27 – 28 August 2022

**Where:** Holiday Inn Potts point, Sydney, NSW

**Cost:** AUD1,550 (early bird [before 1 August 2022](#))

## Faculty

- Dr Emma Bowcock
- Dr Deshani Walisundara
- Dr Louise Cole
- Ms Iris Ting
- Professor Anthony McLean
- Professor Stephen Huang

*Organiser:*

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

## 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

## Program

### Day 1: RACE

0830 Introduction to RACE

0845 Anatomy & TTE views

0915 Hands-on I:

- *Parasternal views*

**1015 Morning break**

1030 Hands-on II:

- *Apical views*
- *Subcostal views*

1130 Lecture:

- *Left heart evaluation*
- *Right heart evaluation*

**1230 Lunch**

1315 Lecture:

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

1415 Image optimization demo

1430 Hands-on III: Performing RACE

**1515 Afternoon break**

1530 Hands-on III: Performing RACE

1630 Summary: Q&A

1630 Finish

### Day 2: RACEplus

0900 Case studies (2D and M-mode)

0930 Hands-on IV: Performing RACE

**1020 Morning break**

1045 Lung ultrasound

1115 Hands-on V: Student-directed

**1215 Lunch**

1300 Echo in hypotensive patients

1330 Hands-on: Focused assessments with feedbacks

**1515 Afternoon break**

1530 Case interpretations and reporting

1630 Conclusion