



Faculty

- Anthony McLean, Sydney
- Iris Ting, Sydney
- Keren Mowbray, Sydney
- Lynda Thurston, Hamilton
- Marek Nalos, Hamilton
- Stephen Huang, Sydney

Organiser:



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

Contact:

Conference secretary

Ms Lisa Deaman
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Registration:

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

RACEplus

**Rapid Assessment by Cardiac Echo plus
Hamilton, NZ**

Date: 17-18 February 2027

Where: Waikato Hospital, NZ

Cost: AUD1,500 (early bird) (AUD1,700 from 17 January 2027)

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 critical care physicians 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.

Main learning objectives

To assess

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

Content

- ◆ 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
- ◆ Day 2: extra 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 (not provided)

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

0900 Anatomy & TTE views

0920 Demonstration

0945 **Hands-on I:**

- *Parasternal views*

1030 **Morning break**

1045 **Hands-on II:**

- *Apical views*
- *Subcostal views*

1200 Lecture:

- *LV evaluation*
- *RV evaluation*

1300 **Lunch**

1345 Lecture:

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

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

1530 **Afternoon break**

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

1630 End of day 1

Day 2: RACEplus

0900 Case studies (the RACE approach)

0930 Image optimization

1000 **Hands-on V: Performing RACE with image optimization**

1045 **Morning break**

1100 *Lung ultrasound*

1130 **Hands-on VI: Measurements**

- *LV dimensions*
- *FAC or LVEF*
- *TAPSE or MAPSE*
- *IVC*

1245 **Lunch**

1330 *Echo in hypotensive patients*

1400 **Focused assessments**

1500 **Afternoon break**

1515 Case interpretation

1630 Q&A

1645 Finish