



RACE_{plus}

**Rapid Assessment by Cardiac Echo plus
New Zealand**

Date: 7 – 8 November 2023

Where: Dunedin, NZ

Cost: AUD1,550

Faculty

- Professor Anthony McLean
- Dr Markus Renner
- Dr Chris Walker

Organiser:

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

Contact:

Local organiser

Dr Markus Renner
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Conference secretary

Ms Lisa Deaman
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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 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.

Reference material

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



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Program

Day 1: RACE

0900 Introduction to RACE

0915 Knobology and image optimization

0945 Anatomy & TTE views

1015 Morning break

1040 Hands-on I:

- Image optimization
- Parasternal views

1200 Lunch

1245 Hands-on II:

- Apical views
- Subcostal views

1345 Lecture:

- LV evaluation
- RV evaluation

1445 Afternoon break

1500 Lecture:

- Fluid status
- Pericardial effusion and tamponade

1545 Hands-on III: Performing RACE

1645 Summary: Q&A

1700 Finish

Day 2: RACEplus

0900 Case studies (2D and M-mode)

0930 Hands-on IV: Performing RACE

1020 Morning break

1045 Echo in hypotensive patients

1115 Hands-on V: Student-directed

1215 Lunch

1300 Lung ultrasound

1430 Hands-on: Focused assessments with feedbacks

1500 Afternoon break

1520 Case studies

1630 Summary and evaluation

1700 Finish