



RACE_{plus}

Rapid Assessment by Cardiac Echo plus Macau

Date: 25 – 26 November 2023

Where: Macau

Cost: AUD1,550 early bird (AUD1,700 from 25 October 2023)

Faculty

- Dr Chang Tam Fei Terence, Macau
- Dr Lao Weng I, Macau
- Dr Leong Hoi Ip, Macau
- A/Professor Anfernee Yim, HK
- Dr Chew Si Yuan, Singapore
- Ms Anju Lu, Sydney
- Dr Lyndal Russell, Melbourne
- Professor Anthony McLean, Sydney
- Professor Stephen Huang, Sydney

Organisers:

- Nepean Institute of Critical Care Education & Research, Australia
- Macau Society of Emergency and Critical Care Medicine
- Conde S. Januario Hospital, Macau
- Clinical Training Center, HKAH - TW

Contact:

Conference secretary
Ms Lisa Deaman
secretary@niccer.asn.au

Registration:

<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

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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*

1400 Hands-on III: Skills consolidation

1500 Afternoon break

- 1515 Performing a RACE and interpretation
1540 Hands-on IV: Performing RACE
1645 Summary: Q&A
1700 Day 1 finish

Day 2: RACE_{plus}

- 0900 Case studies (2D and M-mode)
0930 Hands-on V: Performing RACE
1020 Morning break
1045 Lung ultrasound
1115 Hands-on VI: Student-directed
1215 Lunch
1300 Echo in hypotensive patients
1330 Focused assessments with feedbacks
1500 Afternoon break
1520 Case interpretations and reporting
1630 Conclusion

