



RACE_{plus}

**Rapid Assessment by Cardiac Echo *plus*
Critical Care Ultrasound**

HONG KONG

Date: 1 -2 November 2011

Cost: AUD990.00

Where: Hong Kong

Registration form available:

<http://www.niccer.org.au>

Faculty

Professor Anthony McLean

Dr Stephen Huang

Iris Ting

For further information:

Visit <http://www.niccer.org.au>

enquiry@niccer.org.au

Organised by:

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

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

RACE_{plus}

The RACE_{plus} course is an extension of the RACE course and normally spans over 2 - 3 days. RACE_{plus} covers the RACE content plus some advanced TTE and critical care general ultrasound topics. These topics include Doppler TTE, lung ultrasound, pleural ultrasound, abdominal ultrasound, vascular ultrasound and ultrasound-guided vascular access. The local organiser decides what extra (1-2) topics are to be included.

RACE_{plus} in Penrith

The content of **RACE_{plus} in Hong Kong** includes:

- ♦ a one-day 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
- ♦ a second day Advanced module that includes:
 - ✓ Doppler echo and common Doppler measurements
 - ✓ Lung ultrasound
 - ✓ Assessment of fluid responsiveness

Conference Secretariat:

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Faculty

Nepean Hospital, Sydney:

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RACE*plus*

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Programme

Day 1: RACE

- 0830 Introduction to RACE
- 0845 Knobology and basic TTE views
- 0915 Performing TTE demonstrations
- 0945 [Hands-on: Parasternal views](#)
- 1045 Morning break**
- 1100 [Hands-on: Apical and subcostal views](#)
- 1200 Lecture:
 - LV evaluation*
 - RV evaluation*
 - Pericardial effusion and tamponade*
 - Fluid status assessment*
- 1330 Lunch**
- 1400 Performing RACE demonstration
- 1430 [Hands-on: Performing RACE](#)
- 1530 Afternoon break**
- 1545 [Hands-on: Performing RACE](#)
- 1630 Summary and evaluation
- 1700 Finish

Day 2: RACEplus

- 0830 Case studies (2D and M-mode)
- 0900 [Hands-on: Performing RACE](#)
- 1000 Morning break**
- 1015 Doppler principles and applications
- 1115 [Hands-on: Student-directed](#)
- 1230 Lung ultrasound
- 1300 Lunch**
- 1330 Echo in hypotensive patients
- 1400 [Hands-on](#)
- 1500 Afternoon break**
- 1530 Case studies
- 1600 Summary and evaluation
- 1700 Finish