

# RACEplus HK 2017

## Message from The Hong Kong College of Emergency Medicine

You are cordially invited to join us in the HK RACEplus course on 18 to 19 June 2017 at Prince of Wales Hospital.

### **CME and TP accreditations:**

**Fellow: IP 6 CME per day, Max IP 12 for whole event**

**Trainee: 5 Cat A TP per day, Max 10 Cat A for whole event**

College's website: <http://www.hkcem.com/courses/raceplus.php>

*If you are interested to join the course, please visit the following link for on-line registration;*

[http://www.niccer.org.au/workshops\\_dates\\_and\\_registration.html](http://www.niccer.org.au/workshops_dates_and_registration.html)

### Critical Care Echocardiography (CCE)

*Akin to its general ultrasound counterpart, CCE is becoming an indispensable part of routine diagnosis and management in modern critical care medicine. In trained hands, CCE provides immediate feedback on cardiac function and haemodynamic status of the critically ill patients. It helps answering common questions such as:*

- *What is causing the hypotension, shortness of breath or chest pain in my patient?*
- *What is the cardiac function?*
- *Are there any signs of right-sided pressure overload? If present, is it chronic or acute?*
- *What is the fluid status? Is it safe to give fluid?*
- *Are there any pericardial effusion and cardiac tamponade?*
- *Are there any vegetation and/or significant valvular disease?*

*The increasingly important role of CCE in modern critical care medicine is reflected in the recent incorporation of CCE by the ANZ College of Intensive Care Medicine and the Australasian College of Emergency Medicine in their training programmes.*

### Rapid Assessment by Cardiac Echo (RACEplus)

*RACEplus is a well-recognized 2-day course incorporating the Level 1 (Basic) CCE with extra modules such as Doppler principles. RACEplus has been accredited by many Australian Colleges\* and the Australasian Society of Ultrasound in Medicine for the purpose of CME as well as satisfying the Level 1 certification.*

*Certain features distinguish RACEplus from other general ultrasound courses:*

- *it is run and taught by the Nepean Hospital faculty: the faculty is recognized internationally and has been teaching CCE courses around the world for many years, including the ISICEM in Brussels*
- *the main emphasis of the course is on transthoracic echocardiography, with over 6 hours of hands-on practice over 2 days*
- *experienced critical care echo experts giving guidance not just on how to perform but also on how to correct and improve your views and interpretations of critical care echoes*
- *An optional Case Reporting & Interpretation Workshop on the second day afternoon to consolidate the knowledge learned, and to prepare the participants for obtaining the Level 1 Certificates. Cases discussed (interpreted and reported) are recognized by ASUM for training purpose. Participants can opt for more hands-on practice or the Workshop.*

*The Hong Kong RACEplus in July 2017*

*The upcoming HK RACEplus is organized in conjunction with the Intensive Care Subcommittee of the HK College of Emergency Medicine. Local experts in CCE from ED, ICU and Anaesthesia will share with you their skills in this area. We are going to have an additional sharing on the clinical applications of CCE in our daily practice including the management of patients presented with chest pain, dyspnoea, hypotension and cardiac arrest.*

*Oversea Faculty;*  
*Professor Anthony McLean*  
*Professor Stephen HUANG*  
*Professor Michel Slama*  
*Dr. Daisy LAO*  
*Ms Iris TING*

*Local Faculty;*  
*Dr. Gladys KWAN*  
*Dr. Cindy TSUI*  
*Dr. Marc YANG*  
*Dr. Frank HF KO*  
*Dr. Anfernee KM YIM*

*\*Including Australasian College of Emergency Medicine, ANZ College of Intensive Care Medicine, ANZ College of Anaesthesiology, and Royal Australasian College of Physicians*

*For and on-behalf of*  
*Dr. Anfernee YIM*  
*Course Director, RACEplus HK 2017*  
*Chairman of Intensive Care Subcommittee, HKCEM*



**Registration form available:**  
<http://www.niccer.org.au>

### **Faculty**

**Nepean Hospital, Sydney:**  
Professor Anthony McLean  
Professor Michel Slama  
A/Professor Stephen Huang  
Ms Iris Ting

### **Hong Kong:**

Dr Anfernee Yim  
Dr Marc Yang  
Dr Frank Ko

**Organised jointly by:**  
**Nepean Institute of Critical Care  
Education & Research, Australia**

**HK College of Emergency  
Medicine**

**Queen Elizabeth Hospital, Hong  
Kong**

# **RACE***plus*

**18-19 June 2017**

## **Programme**

### **Day 1: RACE**

- 0830 Introduction to RACE
- 0845 Knobology and basic TTE views
- 0915 Demonstration: How to perform TTE?
- 0945 **Hands-on I: Parasternal views**
- 1045 Morning break**
- 1100 **Hands-on II: Apical and subcostal views**
- 1200 Lecture:
  - LV evaluation
  - RV evaluation
- 1300 Lunch**
- 1330 *Fluid status assessment*  
*Pericardial effusion and tamponade*
- 1415 Demonstration/Case: Going through & interpreting RACE study
- 1445 **Hands-on III: Performing RACE**
- 1530 Afternoon break**
- 1545 **Hands-on IV: Performing RACE**
- 1630 Summary
- 1700 Finish

### **Day 2: RACEplus**

- 0830 Case studies (2D and M-mode)
- 0900 **Hands-on: Performing RACE**
- 1000 Doppler and colour Doppler: Physics and principles
- 1030 Morning break**
- 1045 Applications of PW and CW Doppler
- 1115 **Hands-on: Student-directed**
- 1215 Lunch**
- 1300 Echo in hypotensive patients
- 1330 Echo in SOB, chest pain and cardiac arrest
- 1430 Afternoon break**
- 1500 **Case interpretation and reporting workshop**  
(or **Hands-on: Student-directed**)
- 1630 Summary and evaluation
- 1700 Finish



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### **Hong Kong:**

Dr Anfernee Yim  
Dr Marc Yang  
Dr Frank Ko

**For further information:**  
[enquiry@niccer.org.au](mailto:enquiry@niccer.org.au)

Organised by:  
**Nepean Institute of Critical Care  
Education & Research, Australia**

**HK College of Emergency  
Medicine**

**Queen Elizabeth Hospital, Hong  
Kong**

**Conference Secretariat:**  
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# **RACEplus**

*Rapid Assessment by Cardiac Echo plus*

**Hong Kong**

**Date:** 18-19 June 2017  
**Cost:** AUD1,300.00\*  
**Where:** Prince of Wales Hospital, Shatin, Hong Kong

### **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 HK **RACEplus** course is an extension of the RACE course and normally spans over 2 days. **RACEplus** covers the RACE content plus some advanced TTE and critical care ultrasound topics.

### **RACEplus in Hong Kong**

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: Advanced module that includes:
  - ✓ Doppler echo and common Doppler measurements
  - ✓ Echo in hypotension, SOB, chest pain and cardiac arrest
  - ✓ Case interpretation and reporting workshop

\*Registration fee includes a copy of **Critical Care Ultrasound Manual** (2012) AS McLean & SJ Huang (eds). Elsevier Press.