

Hemodynamic Monitoring & Echo-Cardiography

19th - 20th February 2011, India Habitat Centre, Lodhi Road, New Delhi

HMEC - 07

Course Directors : A Kulkarni, Yatin Mehta

Day 1

- 0830-0900 ▶ **Registration**
- 0900-0935 ▶ Physical Principles & Sources of error in Invasive Haemodynamic Monitoring
A Kulkarni
- 0935-1010 ▶ Physiology of CVP & PAP monitoring
Maher J. Albahrani
- 1010-1030 **Tea/ Coffee Break**

10.30 - 12.30 **Workshop 1. Techniques & Technology**

- Arterial cannulation and How to set up a transducer S Kantor / Shiela Myatra
- Insertion of CVC (under USG guidance) & PAC A Kulkarni / Maher J. Albahrani
- Interpretation of haemodynamic data with PAC M Pinsky / J Divatia
- Transthoracic Echocardiography: Basic Views (6 tables) Ram Rajgopalan, Y Mehta, R Pandit

1230-1315 **Lunch**

- 1315-1330 ▶ Preload Assessment using Static Indices
J Divatia
- 1330-1345 ▶ Dynamic measures of fluid responsiveness
A Kulkarni
- 1345-1400 ▶ Echocardiographic assesement of preload
R Pandit
- 1400-1425 ▶ Principles of CO Measurement
J Divatia
- 1425-1445 ▶ Echocardiographic assessment of Cardiac function
P. Ghosh
- 1445-1500 ▶ Venous Oximetry & Lactate
S Kantor
- 1500-1525 ▶ Hemodynamic assessment at the bedside.
Michael R. Pinsky

1525-1600 **Tea/ Coffee Break**

1600-1800 **Interactive Case discussions**

1. Septic Shock Sheila Nainan Myatra, J Divatia
2. Cardiogenic Shock following Massive anterior wall MI R Pandit
3. Cardiac tamponade Ram Rajgopalan

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Day 2

- 900-930 ▶ Right Ventricular Dysfunction in the critically ill patient
Rahul Pandit
- 930-1000 ▶ Rationale choice of inotropes & Vasopressor in Intensive care
Tariq Ali
- 1000-1030 ▶ Supporting the LV: Intra-Aortic Balloon Pump Management
Yatin Mehta
- 1030-1045 **Tea/ Coffee Break**
- 1045-1115 ▶ Echocardiographic assessment of a patient in shock
R Rajgopalan
- 1115-1200 Assessing Tissue Perfusion
Atul kulkarni

1200-1300 **Advanced Hemodynamics without PAC - PART I**

PiCCO
APCO & SCvO2 VIGELIO
Atul Kulkarni
Y Mehta

1315-1400 **Lunch**

1400-1600 **Advanced Hemodynamics without PAC - PART II**

Echocardiographic assessment of a patient in shock (3 tables)

Table - 1 Ram Rajgopalan
Table - 2 P. K. Ghosh
Table - 3 R Pandit