

## **Session 14 – Pulmonary Artery Catheters (Cardiac Monitoring 2)**

**25<sup>th</sup> April 2008**

**2pm AICU Seminar Room**

### **1. *Basic* PAC science (20-30mins)**

**Milind**

**a. For the PAC list the measured and derived variables (with appropriate formulas and/or explanation if necessary).**

#### **b. Errors in PAC Measurements**

**i. How can you know your PAC is correctly placed in West's Zone 3 of the lung?**

**ii. Outline the errors that confound cardiac output monitoring from cold thermodilution using a PAC**

**iii. In which conditions will PAoP misrepresent LVEDP?**

**iv. What confounders may there be to a direct relationship between LVEDP and LVEDV?**

**2. Critically evaluate the role of pulmonary artery catheters in intensive care. (20 mins) (I think this question would make an excellent case study for the DICM – I would approach it following our template of Theory, Evidence and Practice.)**  
**Sarah**

**3. Answers and *brief* discussion for the Australasian Pulmonary Artery Catheter Questionnaire 2003**

**Dale**

**4. Edwards Lifesciences Vigilance II monitor**

**Robert Hair  
(Edwards rep)**