

## **Session 17 – Neurocritical Care 1 – Severe Head Injury**

**17<sup>h</sup> October 2008**

**2pm AICU Seminar Room**

- 1. The physiology of intracranial pressure. (20mins)  
Dale**
- 2. Outline the pathophysiology of severe head injury and the patterns of cerebral blood flow typically seen. (20mins)  
MARK**
- 3. Critically evaluate the evidence for intracranial pressure control in severe head injury. (20mins)  
MILIND**
- 4. Critically evaluate the role of FOUR novel treatments or monitoring modalities in severe head injury – eg Lund hypothesis, non-steroidals, therapeutic hypothermia, decompressive craniotomy, steroids, jugular bulb oximetry, transcranial doppler, near infrared spectroscopy (regional cerebral oxygen saturation) etc (30mins)  
ADAM**
- 5. Handout – You are the consultant at home on call. Outline your phone advice to your junior regarding a newly admitted patient with diffuse axonal injury and an ICP that has risen to 40mmHg. (To be emailed 1 week before)  
HINA**