

Session 3, Season 2 – Radiology Brain

27th May 2011

Friday 2pm Nottingham – AICU Seminar Room

1. Outline NORMAL CT head anatomy (with images) and demonstrate the radiological features of raised ICP (20mins)
2. Outline NORMAL MRI head Anatomy (with images) and demonstrate a range of relevant ICU pathologies. (20 minutes)
3. Explain the Marshall criteria – original paper, images to illustrate, use? (20 minutes)
 - a. Hard to find journal (you may have to order, ask around)
 - b. [Marshall LF, Marshall SB, Klauber MR, Van Berkum Clark M, Eisenberg H, Jane JA, Luerksen TG, Marmarou A, Foulkes MA.](#) The diagnosis of head injury requires a classification based on computed axial tomography. J Neurotrauma. 1992 Mar;9 Suppl 1:S287-92.
 - c. The Brain Trauma Foundation. The American Association of Neurological Surgeons. The Joint Section on Neurotrauma and Critical Care. Computed tomography scan
4. Critically evaluate the evidence for CT angiography as an ancillary investigation to diagnose brain death? (Theory, Evidence, Practice) Allan (20 minutes)