

Session 4 – 4th August – Advanced ACID/BASE

1. Intro & Quiz Questions (20mins) Dale
2. Causes of Metabolic Acidosis (5mins - handout) Gareth
3. How does an ABG machine work? (20mins) Hina
4. How do you assess/predict compensation in acid/base disorders? – the BOSTON Rules (10mins) Adam
<http://www.anaesthesiamcq.com>
5. Explain SID so we understand it. How might it explain why one gets hyperchloraemic acidosis with 0.9% NaCl and why one gets metabolic alkalosis with hypoalbuminaemia? (30mins) Milind
“Designing ‘Balanced’ Crystalloids”
T. J. MORGAN, B. VENKATESH
December 2003 Critical care and Resuscitation Journal
[http://www.jficm.anzca.edu.au/pdffdocs/Journal/Journal2003/J2003%20\(d\)%20December/Crystalloids1.pdf](http://www.jficm.anzca.edu.au/pdffdocs/Journal/Journal2003/J2003%20(d)%20December/Crystalloids1.pdf)
6. Quiz answers (20mins) Dale