

**Ultrasound Guided Regional Anaesthesia  
of Upper and Lower Limb**  
***An Introductory Practical Course for Anaesthetists.***  
27<sup>th</sup> & 28<sup>th</sup> January 2010 at the Copthorne Hotel Salford Quays

**Programme**

**Day One**

08:30 Registration (coffee and breakfast rolls).

09:00 Physics of ultrasound (lecture).

09:20 Image optimisation – knobology (practical demonstration).

09:40 Ultrasound appearance of nerves and needling techniques (lecture).

**10:00 Coffee.**

10:20 Needling practice on phantoms (practical).

12:00 Anatomy and ultrasound appearances of nerves in upper limb 1 (lecture).

**12:30 Lunch**

13:20 Brachial plexus workshop. Guided hands-on practice with models (practical).

**15:00 Coffee.**

15:20 Anatomy and ultrasound appearances of nerves in upper limb 2 (lecture).

15:50 Upper limb workshop. Guided hands on practice with models (practical).

17:30 End of day one.

**Day Two**

08:30 Coffee and breakfast rolls.

08:40 Anatomy and ultrasound appearances of nerves in lower limb 1 (lecture).

09:10 Lower limb workshop. Guided hands on practice with models (practical).

**10:50 Coffee.**

11:00 Anatomy and ultrasound appearances of nerves in lower limb 1 (lecture).

11:30 Lower limb workshop. Guided hands on practice with models (practical).

**13:00 Lunch**

13:45 How to prepare a bid to purchase an ultrasound machine.

14:15 Nerve mapping using electro stimulation (lecture and demonstration).

14:45 Guided hands-on practice – Nerve mapping, upper and lower limb blocks on anatomical phantoms  
**Coffee served during practice.**

16:45 Local anaesthetic induced cardiac arrest - a personal perspective (lecture).

17:15 Questions and answers, return of evaluation sheets.

17:30 Course ends.