

**TOE for non cardiac surgery and intensive care**  
**Tuesday 07 July 2015**  
**Organiser: Dr Sayeed Ahmed, Wigan**



**Programme**

**09:15 Registration & coffee**

**09:45 Introduction**  
Dr Sayeed Ahmed, Wigan

**Chair: Dr Sivagnanam Karthikeyan / Dr Ravi Hebbali**

**09:55 The physics of ultrasound imaging 1A03**  
Dr Andy Roscoe, Cambridge

**10:30 Indications, contraindications and complications 2A04, 2C01**  
Dr Donna Greenhalgh, Wythenshawe

**11:15 TOE examination – Comprehensive and abbreviated 2A04, 3G00**  
Dr Mark Patrick, Wythenshawe

**12:15 Discussion**

**12:30 Lunch**

**Chair: Dr Mark Patrick / Dr Donna Greenhalgh**

**13:30 TOE in hypotension: Evaluation of ventricular performance and filling 2A04, 2C03**  
Dr Sivagnanam Karthikeyan, Cardiff

**14:05 Evaluation of the valves and aorta 3G00**  
Dr Ravi Hebbali, Leicester

**15:00 TOE in ICU and emergencies 2A04, 2C01**  
Dr Christine Tan, Cardiff

**15:45 Discussion**

**16:00 Close**

**This seminar covers GMC Domain 1: Knowledge, skills and performance**