A MODEL FOR OBSTETRIC ULTRASOUND TRAINING PROVISION

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Background

• Competency in basic ultrasound skills is a mandatory curriculum requirement
  – RCOG module 1 (early pregnancy)
  – RCOG module 2 (assessment of fetal size, liquor, placenta)

• Poor rating of USS training across UK
  – GMC, TEF, TWOGS, BSGI trainee surveys
Aim

• To develop a robust model of structured high quality obstetric ultrasound training at the Royal Gwent Hospital and to provide trainees with the skills required for achieving competency in the RCOG Basic Ultrasound Modules
Methodology

• Identified target group
• Facilitated training through two methods
  1. Purpose built USS training timetable
     • Simulators
     • Theory modules
     • “Observer-ship” sessions
     • Logbook completion
     • Self directed learning
     • Assessment of progress
  2. Integrate USS training into regular departmental teaching
     • Theory session
     • Simulator session
     • Practical teaching list
Results

• Trainee feedback
  – Increased confidence in USS
  – Enjoyable
  – Would recommend to colleague
  – Well organised

• Objective assessment
  – 7 of 8 trainees had completed basic USS competency
Conclusions and discussion

• Easily modifiable to individual units
• Limitations
  – Requires access to USS machines
  – Relies heavily on cooperation from trainers
  – Requires some initial effort of coordination

• Future plans
  – To modify timetable to include more options for trainees
  – To increase the number of USS sessions within departmental teaching programme
  – To re-survey trainees at beginning and end of year across Wales and identify areas of good practice
Thank you

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