ExACT obs

Exeter Anaesthetic Critical Incident Training in Obstetrics

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Introduction: The Royal College of Anaesthetists (RCoA) strategy places increasing emphasis on simulation-based education to support training in obstetric anaesthesia [1]. We describe the development of a one-day obstetric anaesthesia course for novice anaesthetists using multimodal education, including high fidelity simulation, interactive lectures and workshops.

Aim: To deliver an effective training course, for anaesthetists new to labour ward, in order to improve confidence, skills and knowledge and thereby increasing obstetric patient safety

METHODS:

Trainees canvassed

Objectives mapped against specific curriculum requirements

RCoA Royal College of Anaesthetists

COURSE DEVELOPED

- Immersive sims
- Workshops
- Obstetric emergencies
- Multi-disciplinary
- Common clinical problems

We collected feedback, analysing change in knowledge, confidence and competency attainment. Course content was modifed based on relevant feedback.

Two courses have been delivered to date to 11 trainees, 2 student midwives and 2 operating department practitioners. (ODP).

RESULTS:

100% of participants stated the educational content was good or excellent.

100% of participants stated increased confidence in handling obstetric emergencies

100% of trainees agreed the scenarios increased knowledge and helped achieve curriculum competencies.

Qualitative feedback

DISCUSSION: The ExACT obs course delivered improvements in confidence, knowledge and skills required to perform safe obstetric anaesthetic care. It facilitated mandatory RCoA curriculum training and experiential learning in 'drilling' rarer obstetric problems with multidisciplinary colleagues. Challenges included tailoring the content to trainees of differing experience and adapting to a new curriculum. This course is now part of the regular departmental anaesthetic simulation training.

First course of its kind in the region

SIM TIPS

1. Ensure psychological safety for all participants
2. Allow sufficient time for focused debriefs.
3. Invite student midwives and ODPs
4. Incorporate ST3+ trainees into the scenario as 'the help' to develop leadership skills.

@RDE_Sim

References
1. RCoA Simulation Working Group. Simulation strategy 2018-2023. RCoA 2018. Simulation-Strategy-FINAL.pdf (rcoa.ac.uk)