

Using Multidisciplinary In Situ Simulation in the Emergency Department to Increase Learning and Highlight Potential Patient Safety Issues.

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Background

Simulation based education has been used in the Rotherham Foundation Trust for the past three years, with the aim of improving technical and non-technical skills for medical and nursing staff. We have moved these sessions 'in situ' to the Emergency Department (ED) resuscitation room, to increase learning and highlight potential patient safety issues.

Methods

Multidisciplinary teams comprising of ED doctors and nurses attend sessions lasting 1 to 2 hours. These comprise of clinical scenarios, based on the CEM curriculum, followed by a debrief.

A medium fidelity METI manikin is used, using the same equipment, drugs and protocols that are used in daily practice.

Following the session a report is compiled highlighting learning points under the titles of Systems and environment, Technical and Non-technical Skills. This report is submitted to the ED Quality Governance meeting, so that safety issues identified can be resolved in the same way as issues identified in 'real life' incidents.



Results

Quantitative and qualitative feedback has been compiled from delegate feedback along with session summaries.

Qualitative feedback

"Very useful to do the simulation in resus, and with nursing staff – allowed us to work better as a team and build better relationships"

"Discussion around location of advanced airway adjuncts specifically laryngeal masks: staff identified that they didn't know where to locate them."

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Key Messages

We aim to utilise the debrief reports to guide staff training, induction and equipment storage and location. We intend in situ simulation to become an important tool for quality and safety improvement in the ED via discussions of incidents in simulation training being discussed at the ED Quality Governance meeting.

Based on our experiences running the sessions we have compiled a short 'beginners guide' to be shared amongst other trusts who hope to establish a similar program within their own ED.

Call to action

To arrange a simulation session please visit
www.rfteducation.com/simulation
or call 01709 426376