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Abstracts of WSM 2020 8–10 January 2020, London, UKFirst published: 07 January 2020 | <https://doi.org/10.1111/anae.14953> | Citations: 3**043****BEWISE (Brief Everyday What If Scenario Exercise): supporting patient safety in anaesthetics through daily refresher sessions****A. Jandu,¹ P. Tilakaratna² and N. Nelligan³**¹*Broomfield Hospital - Chelmsford, Essex,* ²*Mid Essex Hospital NHS Trust,*³*Norfolk and Norwich University Hospital NHS Foundation Trust*

Anaesthetic emergencies occur rarely, making it difficult to refresh one's memory of their management. One method of preparation is to attend simulation sessions, which, unfortunately, due to resource constraints, can be infrequent. We developed a tool, called BEWISE (Brief Everyday What If Scenario Exercise), to supplement formal simulation training. During BEWISE, which is done daily, the anaesthetic team imagines an emergency scenario that could happen to their patient. They then very briefly discuss recognition and management of it. BEWISE involves active recall, which should help with memory recall and facilitate management of emergencies. The primary aim of this preliminary study was to see if participants of BEWISE felt it improved their confidence in emergency management.

Methods

A 'menu' card with emergencies was made available to facilitate selection of an emergency to be discussed for the day. For each emergency, we made cards with discussion points. Two of the authors (P.T. and A.J.) undertook BEWISE with a colleague (e.g. operating department practitioner (ODP)). Feedback was then obtained from participants.

Results

Forty BEWISEs were undertaken. Feedback was obtained from 13 ODPs and 27 trainees. Thirty-six (90%) participants recorded that BEWISE increased their confidence in managing the emergency. In the last 6 months, only seven (18%) had faced the emergency and nine (23%) had practised it in simulation training. All feedback obtained was positive.

Discussion

BEWISE uses the principles of active recall and spaced repetition, which in other settings have been shown to improve memory retention and recall [1]. Feedback from participants showed overwhelmingly that they felt that BEWISE improved their confidence in managing emergencies. This preliminary finding suggests that we should take this project forwards and study its effectiveness. There are many advantages to using BEWISE. Firstly, it takes only 5–10 min and can be daily. It covers a wide range of anaesthetic emergencies, is low cost, and can benefit all members of the team. It helps to identify gaps in knowledge or memory and is a useful aid in helping trainees undergoing exams. Each BEWISE topic provides key discussion points relevant to the anaesthetic emergency selected and may help highlight any changes that have taken place.

Acknowledgements

The authors thank all who participated in BEWISE.

Reference

1. Reader TW. Learning through high-fidelity anaesthetic simulation: the role of episodic memory. *British Journal of Anaesthesia* 2011; **4**: 483–7.