

7.15 Pilot simulation roll out for medical SHO training in critical care medicine.

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Background. The RCPI OPTIMISE report ⁽¹⁾ has recommended re-structuring of Basic Specialty Training in Ireland including an emphasis on simulation being rolled out by each hub as part of core medical training. The critical care department in Beaumont hospital set up simulation teaching scenarios as a pilot for medical SHOs in two critical care areas. Our aim was to assess the benefit of simulation in trainees' confidence in managing these scenarios. **Methods.** Hands-on scenarios focused on sepsis and upper gastrointestinal bleed. Trainees gave feedback on confidence pre and post scenario in managing hypotension, tachycardia, rapidly deteriorating patients in sepsis and bleeding, and in escalating to medical registrar and intensive care department. **Results.** Significant improvement was seen in confidence managing hypotension, tachycardia and rapidly deteriorating patients. All trainees felt confident escalating to medical registrar and intensive care post these training sessions. 91.4% of trainees found simulation useful/very useful for learning and found this a superior method of learning. **Conclusions.** This pilot programme was well received by trainees and significantly increased their confidence in managing these scenarios. Future scenarios we will roll out include haemoptysis, respiratory failure and massive pulmonary embolism. **Keywords.** Critical care, simulation. **Disclosures.** No conflict of interest.

References:

1. O'connor, A. (n.d.). OPTIMISE Interim Report REVIEW OF INTERNAL MEDICINE TRAINING AUGUST 2023. [online] Available at: https://www.rcpi.ie/Portals/0/Document%20Repository/News/OPTIMISE/OPTIMISE%20Interim%20Report_2023.pdf?ver=1EQq8A7ww-aACGdH7EfH8g%3d%3d [Accessed 20 Aug. 2024].