

Development and evaluation of a trauma decision-making simulator in oculus virtual reality

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Development and Evaluation of a Trauma Decision-making Simulator in Oculus Virtual Reality.

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Mini-Abstract: Consumer-available virtual-reality headsets were launched in 2016 but their applications in medical simulation remain limited. We developed an innovative medical-training simulator based on Advanced Trauma Life Support (ATLS) principles. This simulator was trialled at an ATLS course in 2016 and demonstrated evidence of multiple validity criteria with positive feedback. We believe that virtual-reality headsets should be considered a viable platform for medical simulation into the future.

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