



An international journal for practitioners, educators, students and educational technicians in health and social care

Editor in Chief

Nick Sevdalis (UK)

Associate Editors

Aimee K Gardner (USA)

John T Paige (USA)

Dimitrios Siassakos (UK)

Jette Led Sorensen (Denmark)

Jennifer Weller (New Zealand)

Editorial Board

Rajesh Aggarwal (USA)

Guillaume Alinier (UK)

Marc Auerbach (USA)

Jeff Bezemer (UK)

Teresa Chan (Canada)

Adam Cheng (Canada)

Mike Davis (UK)

Morris Gordon (UK)

Louise Hull (UK)

Sunjay Jain (UK)

Michaela Kolbe (Switzerland)

James R Korndorffer Jr (USA)

Sok Ying Liaw (Singapore)

Guy J Maddern (Australia)

Faisal Mushtaq (UK)

Robert O'Brien (Australia)

S G Oei (The Netherlands)

Sarah Peyre (USA)

Carla Pugh (USA)

Makani Purva (UK)

Tom Reader (UK)

Alastair Ross (UK)

Stephanie Russ (UK)

Taylor Sawyer (USA)

Marlies P Schijven (The Netherlands)

Neel Sharma (Singapore)

Chandra Shekhar Biyani

Shabnam Undre (UK)

Isabelle Van Herzele (Belgium)

Sharon-Marie Weldon (UK)

Editorial Office

BMJ STEL

BMJ Journals

BMA House, Tavistock Square

London, WC1H 9JR, UK

T: +44 (0)20 7383 6394

F: +44 (0)20 7383 6668

E: info.stel@bmj.com

Association for Simulated Practice in Healthcare

ASPIH Administration, NDCN, Level 6

West Wing, John Radcliffe Hospital,

Oxford, OX3 9DU, UK

Tel: +44(0)7415 065 927

E: info@aspih.org.uk

www.aspih.org.uk

ISSN: 2056-6697 (online)

Editorial

- 45 Practising forethought: the role of mental simulation
H Snelgrove, A Fernando

Systematic review

- 47 Systematic review of the implementation of audience response systems and their impact on participation and engagement in the education of healthcare professionals
M Iskander

Original research

- 51 DE-CODE: a coding scheme for assessing debriefing interactions
J C Seelandt, B Grande, S Kriech, M Kolbe

- 59 Assessment tool for the instructional design of simulation-based team training courses: the ID-SIM
A F Fransen, M B van der Hout-van der Jagt, R Gardner, M Capelle, S P Oei, P J van Runnard Heimel, S G Oei

- 65 Comparison of manikin-based simulators and patient monitor simulators within paramedic education: the student perspective
C E D Mortimer

- 71 IMPLSE course: a near-peer simulation course
J W Collinson, T Brown, L A Chalmers, A Gales, L Shepherd

- 77 Rolling-refresher simulation improves performance and retention of paediatric intensive care unit nurse code cart management
M N Singleton, K F Allen, Z Li, K McNemey, U H Naber, M S Braga

- 83 Using high-fidelity simulation to teach fundamental principles of cardiac catheterisation to pharmacy students
E Serag-Bolos, R V Patel, M Chudow, R Chowdhury, A C Miranda

- 87 Evaluation of cognitive load and emotional states during multidisciplinary critical care simulation sessions
S Pawar, T Jacques, K Deshpande, R Pusapati, M J Meguerdichian

Short report

- 92 Use of EHR-based simulation to diagnose aetiology of information gathering issues in struggling learners: a proof of concept study
V Mohan, G Scholl, J A Gold

In practice reports

- 95 Cost-benefit analysis of healthcare professional education: report of a conference workshop
K Walsh, C Noben, S Gregory, W S Lim, C Green, T Roberts, S Maloney, D Ilic, G Rivers, S Reeves

- 97 A novel modelling and simulation capacity development initiative for the National Health Service
S Manzi, D Chalk, J Day, M Pearson, I Lang, K Stein, M Pitt

- 99 'The most useful exercise of medical school': simulated death can be successfully incorporated into undergraduate simulation
P R Greig, J L Darbyshire, E Richards

- 101 Evaluating the fidelity of a novel part-task trainer for emergency front of neck access training
R J Berwick, S J Mercer, P Groom



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://stel.bmj.com/site/about/guidelines.xhtml#open>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
Member since 2015
<http://publicationethics.org/>



When you have finished with this magazine please recycle it.