



Abstract TR10 Figure 1 Use of the inflatable plastic abdomen as a moulage for a pulsatile abdomen

Results The scenario received positive feedback from students highlighting how the pulsatile nature of the abdomen boosted the fidelity of the simulation resulting in better engagement. In addition, students commented that the haptic realism of the moulage during examination solidified the importance of a thorough approach to surgical abdomen with full exposure, particularly in the acute setting. The second dimension of the scenario included the concerned relative who can be utilized to provide additional layer of challenge for the development of non-technical and communication skills.

Discussions The primary focus of the scenario is on the early identification of abdominal aortic aneurysm through examination of the surgical abdomen. The addition of this readily accessible, and widely available inflatable abdomen can provide the learner with a three-dimension experience of the pulsatile abdomen in the simulation environment.

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TR11 PROCESS IMPROVEMENT: ONE YEAR IN IRELAND'S LARGEST SURGICAL AND CLINICAL SKILLS CENTRE

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In July 2017, RCSI opened a brand new state of the art Surgical and Clinical Skills Centre that is used by undergraduate students, postgraduate trainees and the facility is regularly rented out to industry. Operationally the centre has run very smoothly with clear operations strategies in place where we follow Lean Principles in our everyday

practice. However, in May 2018 a process improvement review took place looking at improving the operations even further in the centre with the key objective to be able to increase further the effectiveness of the operations. This enables us to support the expansion of new courses from September 2018 including a new simulation based masters and more industry courses.

To ensure the centre meets the annual key performance indicators set, a process improvement plan is in place for the wet lab looking at increasing the storage areas for more biological materials, creating more flexi-space in the centre, leaner inventory equipment lists, more regular equipment checks and adaptations to the technician monthly timetable.

TR12 NU2SIM SIMULATION TRAINING INCREASES KNOWLEDGE AND CONFIDENCE WITH NEW TO SIMULATION USERS

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Introduction At Northumbria, we run a Simulation Faculty development course which is aimed at those who are already involved in simulation teaching. We identified that there was a lack of training for those new to simulation who would like to be part of a faculty but have little or no knowledge about simulation and the technology used. Nu2Sim offers familiarisation to the manikins; the set up and equipment; exploration of the software; scenario set up and how to achieve basic programming. Nu2Sim was offered to Inter-professional learners and was intended to enable them to feel more confident and get the best out of simulation based training and education.

Methods Three courses were run over a period of three months to a variety of allied health professionals (AHP's) new to simulation. The aims were to introduce attendees to simulation and explore the technology in easy steps and to enable them to utilise the manikins and understand the software that would allow them to get the most out of their scenarios. The participants completed evaluation forms to compare confidence and knowledge before and after the course.

Results A Likert scale of 1–5 was used for four questions and free text comments were encouraged. Pre-course, most participants rated their knowledge of simulation manikins; software; programming themes and confidence using simulation based teaching from 1–3 ('very poor', 'poor' or 'neutral') and post-course from 4–5 ('good' or 'very good'). Free text comments were generally very positive and supportive for the need of this course. Very few changes were suggested.

Discussion and Conclusions More concise results would be gained from more participants attending, short notice cancellations due to clinical needs reduced numbers. There is a need for Nu2Sim as it has shown that it increases knowledge and confidence in simulation based education and helps reduce fears, doubts or misconceptions regarding simulation, therefore enhancing the learning/teaching experience. How do we retain previous participants as members of future faculty?

Recommendations Nu2Sim will be planned well in advance with reminders in the hope of reducing late cancellations. We need to encourage Nu2Sim participants to develop further skills, join simulation faculty and utilise training.

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