

Introduction of computerised manikin simulation training into an integrated Masters of Pharmacy programme: a pilot study

iNMED 2017

Cian O'Leary¹, Claire Condron², Clare Sullivan³, Michelle Flood¹.

¹School of Pharmacy, Royal College of Surgeons in Ireland (RCSI), Dublin, Ireland.

²Dept. Of Surgery, Education and Research Centre (ERC), RCSI, Dublin, Ireland.

³Health Professions Education Centre, RCSI, Dublin, Ireland.

Rationale: Why High Fidelity Simulation in MPharm?

Learning from EXPERTS

Learning with OTHERS

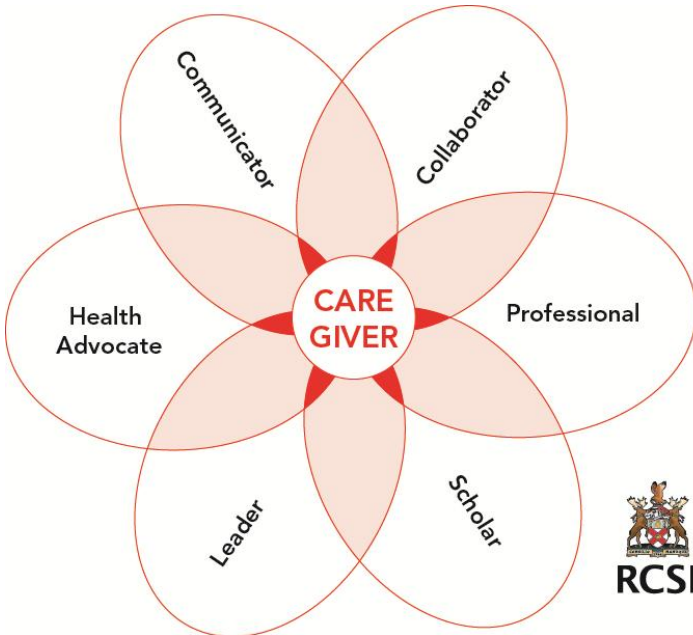
Learning through MAKING

Learning through INQUIRY/ EXPLORING

Learning through PRACTISING

Learning from ASSESSMENT

Learning IN AND ACROSS SETTINGS



High fidelity simulation:

- Closely mimic real-life patient scenarios
- Technical, clinical and teamwork skills
- Used less commonly in Pharmacy

Methods: SimMan 3G

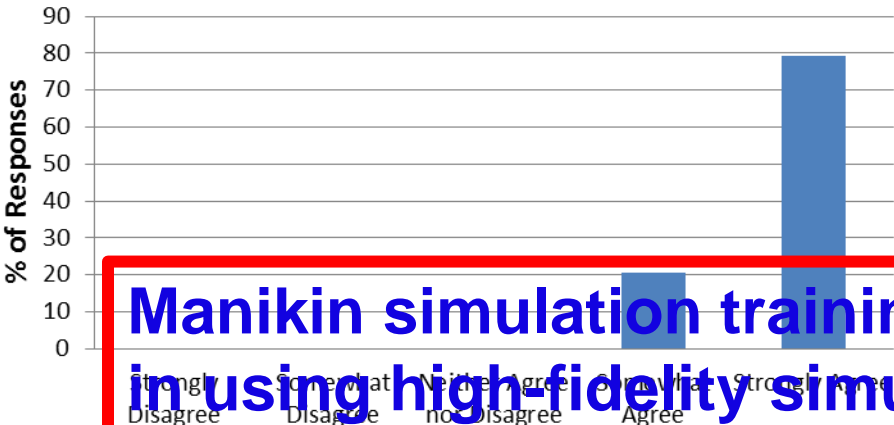


- 1. Medicine reconciliation**
- 2. Adverse drug reaction**
- 3. GI-related**
- 4. Respiratory-related**



Findings (n = 34):

Taking part in the SimMan sessions helped me learn to apply theory to a practice situation

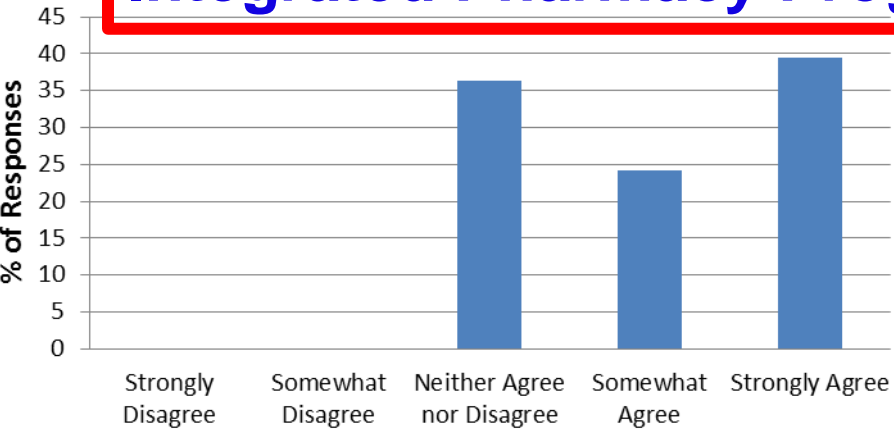


The SimMan session was a safe space to help me develop my clinical skills



Manikin simulation training shows promising results in using high fidelity simulation to develop clinical skills at an early stage of pharmacy students' training and shows great potential as an educational tool in an Integrated Pharmacy Programme

Taking part in my case helped improve my communication and teamwork skills



I would like to take part in more SimMan sessions in the future

