School of Healthcare Sciences/ Ysgol y Gwyddorau Gofal Iechyd

Interprofessional Education (IPE) Falls Simulation – Student Evaluation

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Background

The impetus for the development of a level 5 (year 2) IPE falls simulation arose from the need to increase opportunities for IPE simulation in undergraduate healthcare programmes[1]. IPE simulation is known to improve team performance and communication skills.[2]
Women over 65[3] and younger children[4] are especially prone to falls and increased injury severity. Every year in Wales between 230,000 and 460,000 older people fall.[5] NICE recommends a consistent multifactorial approach to assessment and intervention with falls.[6] Consequently, falls were identified as a common curricular component for IPE simulation with most healthcare professions.

Poster Aim

To present the development, delivery and evaluation of an Interprofessional Falls Simulation for level 5 healthcare students.

Methods

- A one-hour falls simulation scenario was designed by an interprofessional working group with champions from healthcare professions of the targeted learners.[7] Figure 1 below provides some insight into how students worked together during the simulation.
- A facilitator and student guide was created for consistency in delivery of the sessions. Staff training was delivered to support the facilitation and debrief.
- Sessions were co-facilitated and debriefed by two facilitators from different professions.[8]
- The Health Education and Improvement Wales triangular debrief approach was used to promote student learning following simulation.[9]
- A student evaluation form was developed using JISC surveys incorporating the SPICE tool[10] for IPE with open-response questions.



Figure 1: Students working together during the simulation

Scan QR code for:

- ✓ **Falls Simulation Plan including Facilitator Guide**
- ✓ **Simulation Evaluation Form**
- ✓ **Reference List**

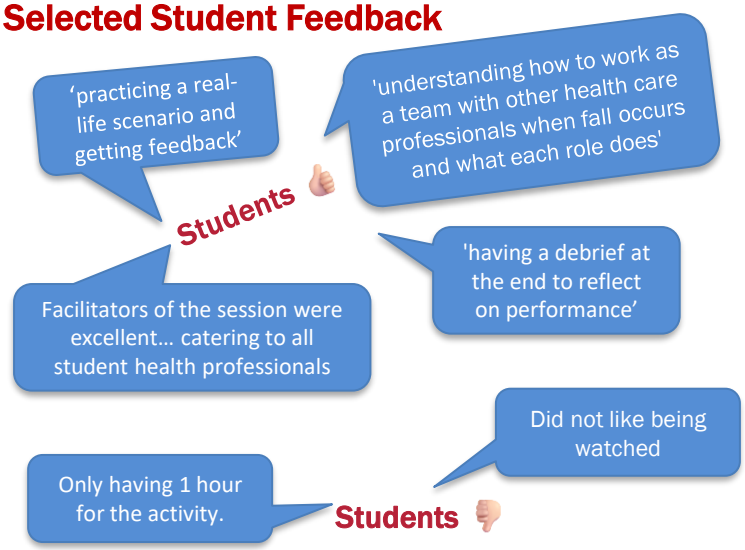
Results

The falls simulation was successfully implemented and evaluated across seven*undergraduate programmes between September-November 2023.

Student Feedback following IPE Simulation (n=210 69% of 306 attendees)

Was this Falls Simulation:	Agreement
Relevant to your practice	~90%
Useful for your learning	~86%
Well facilitated by staff	~91%
In line with the learning objectives	~89%
Impactful for your future practice	~87%

Selected Student Feedback



Discussion/Recommendations

- The feedback suggests that students felt they benefitted from this experience and enjoyed working with other healthcare professions.
- Importantly, the activity introduced students to interprofessional team working in a simulated environment pre-registration.
- Staff training and facilitator guides supported staff to deliver the session which led to positive student experiences.
- In conclusion, it was a successful first run of this simulation for healthcare students.

Next steps

- In response to student feedback the activity time has been increased for next year.
- Applicability of scenarios to all professions to be considered moving forward.
- Extension of IPE simulation to each undergraduate level.

*Occupational therapy, Adult Nursing, Mental Health Nursing, Child Nursing, Physiotherapy, Diagnostic Radiography, Radiography and Oncology