ER13407 - DEVELOPMENT AND IMPLEMENTATION OF A SIMULATION PROGRAMME OF STUDY ALIGNED TO EXPERIENTIAL LEARNING AND THE INITIAL EDUCATION AND TRAINING OF THE STUDENT PHARMACIST.

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Professional

Interpersonal

skills

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What was done?

An evidence-based strategy was employed to develop a global skills framework which was used, alongside the course structure, to inform a simulation and experiential learning strategy for the initial education and training of undergraduate pharmacists.



TEACH [Year 1]

Why was it done?

The General Pharmaceutical Council in the UK released updated standards in 2021, detailing expected learning outcomes at the end of undergraduate and foundation year training. As many of these new standards explicitly link to pharmacist skills it was important that these were integrated into undergraduate course delivery.

How was it done?

An evidence review was conducted, examining established skills frameworks in pharmacy education and the wider healthcare arena, this was thematically analysed, and generation of a 16skills framework constructed. This was used to guide a series of stakeholder workshops and working groups to structure a spiralled curriculum of simulated activity and assessment and an aligned experiential learning plan.

General Science Skills Planning, management Accuracy and leadership Scientific Patient numeracy Counselling

Teamwork

Physical Assessment

Global Skills Framework

Each year students use evidence matrix to collect and track skills progress throughout each year of the degree.

> Critical analysis Integrity numeracy and skills proactivity

Resilience and

and diplomacy adaptability Mentoring

> Information technologies

health promotion measuring health and accuracy **PLACEMENT ONE** Community Pharmacy – 2 weeks TEACH [Year 2] Workstream 1: Workstream 2: Workstream 3: Communication Medication supply Diagnostic and and data retrieval decision making and counselling PLACEMENT TWO Community Pharmacy – 2 weeks TEACH [Year 3]

neostasis

hon

and

Health

Workstream 2: Diagnostic, decision-making, and prescribing skills

Workstream 2:

Diagnostic, decision-making,

and prescribing skills

PLACEMENT THREE Hospital Pharmacy – 2 weeks Other – 2 weeks

TEACH [Year 4]

Workstream 1: Patient journey and the transition through care settings

Workstream 1:

Patient journey and the

transition through care settings

PLACEMENT FOUR Hospital Pharmacy – 2 weeks Other – 2 weeks

aging

Multi-morbidity &

Transition of simulation into real-world activities (placement)

Communication

Student pharmacists learn in a safe environment where mistakes are lessons to learn from. This leads into placement activity where students gain feedback from members of the multi-disciplinary team which feeds into their skills assessment at OSCE. Each skill and activity spirals through the curriculum allowing repeat activity, repeat reflection, leading to more confident and competent practitioners.

Simulation workstream

Cycle of feedback & self-reflection

OSCE

Supervised Learning Event (SLE)



What has been achieved?

A recognition of the importance of clinical and professional skills development by establishing this at the core of the new degree structure. Through the programme a suite of clinical and professional skills (CAPS) modules focuses on an evidence-based set of core skills, values, attributes, and

environment to learn and show competence before enhancing these skills on placement(s) supporting pharmacy services in a range of clinical settings.

behaviours. Generation of a suite of simulation workshops which ensures a safe

FOUNDATION TRAINING YEAR (GPhC Registration Assessment)

What next?

The simulation and experiential learning strategy has been implemented into the 2023-24 academic year. Monitoring and feedback generation from students, academic staff, placement providers, and key stakeholders to determine if this new format for learning is generating more engaged and capable student pharmacists.

References

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Abbreviations

SLE – Supervised Learning Event OSCE – Observed Structured Clinical Examination CAPS – Clinical and Professional Skills WS – Workstream GPhC – General Pharmaceutical Council

