

OBSERVATION SESSIONS AT ASEPTIC COMPOUNDING SERVICES WITHIN A HOSPITAL SETTING

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INTRODUCTION

The trends in aseptic compounding services emerge from expanded portfolio of products, patient-centred optimisation of therapy and product quality. Exposing students to real-life scenarios enhances their learning experience and understanding of the emerging trends and increases workforce preparedness.

AIMS

To expose prospective pharmacists to a practical experience strengthening their theoretical knowledge

METHOD

The curriculum was evaluated for content and learning outcomes related to developed knowledge and skills in areas of pharmaceutical sciences

The need for the introduction of a structured visit to an aseptic compounding setting was established

A programme for the visit was developed to ensure a complete experience, including theoretical and experiential elements within clean areas and their ancillary service units

RESULTS

Third-year students reading for a pharmacy degree, were identified as the ideal cohort to experience an aseptic compounding setting. The visit consisted of four stages (Figure 1).

Stage 1: Introduction

- A general introduction about services offered through the aseptic suite and technicality of the requirements for its running
- Students familiarised with the standard operating procedures regulating processes conducted daily within the area

Stage 2: Cleanroom experience

- Students experienced garbing and degarbing processes, observed cleanroom setup and discussed the flow of materials into and out of the cleanroom

Stage 3: Air handling unit plant room visit

- Engineering team provided an overview of the requirements of a cleanroom from a technical perspective

Stage 4: Electronic-interactive quiz

- Based on the information presented during the sessions carried out at the end of the visit

Figure 1: The stages during visits

CONCLUSION

Enabling students to experience real-world scenarios enriches their student experience and contributes to the development of skills and knowledge required to address the continuous developments within this sector.