A STUDENT-ENGAGING APPROACH TO TEACHING PHARMACEUTICAL TERMINOLOGY TO PHARMACEUTICAL TECHNOLOGY STUDENTS

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INTRODUCTION
The pharmaceutical technology course is a Bachelor programme that provides scientific, evidence-based knowledge and skills required during the processes of medication development, assessment, distribution, compounding and dispensing.

AIM
To establish pharmaceutical literacy amongst candidates move from a didactic teaching method to a student engaging approach.

METHOD
This course is part of a study unit dedicated to Health and Disease contributing to 3 ECTS and which is offered to first year students. A series of 10 lectures with a duration of two hours each were allocated for teaching pharmaceutical terminology. Terminology presented pertains to pharmaceutical sciences including routes of administration, drug formulations and drug design; regulatory sciences focusing on clinical trials, marketing authorisations, competent authorities, reference resources and product literature and pharmacy practice focusing on pharmacovigilance, medication errors, point of care testing and laboratory investigations.

RESULTS

| Flipped Class | Virtual Learning Environment; scientific articles for pre-reading |
|———|———|
| Case Discussion | Type of medication errors; choice of administration routes and formulations |
| Active Learning | Informal lectures; reflections on practical examples |
| Interactive quiz | Student participation; application of knowledge |

CONCLUSION
The module is student engaging and interactive. Whilst gathering the required knowledge, students are supported to develop skills such as communication, discussion and teamwork. These are skills are useful for the pharmaceutical technology professional career.