

# PharmD students' perception toward using Mydispense during virtual training at Libyan International Medical University

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## Abstract

**Background:** One of the most significant milestone competencies in getting PharmD degree is the student progression from the didactic years to Advanced Pharmacy Practice Experiences (APPEs) (Law et al., 2021). During the COVID-19 pandemic, Faculty of Pharmacy at Libyan International medical University (LIMU) required an immediate shift of experiential training to virtual APPE. Curriculum development committee and the preceptors at Faculty of Pharmacy, put a proposal to facilitate APPE virtual training. In order to cover a range of competencies such as communication, ethics, patient education and counselling, and dispensing skills; Mydispense was utilized to explore a range of realistic patient scenarios and to learn in a safe environment rather than practicing in real life (Costelloe, 2017). **Aim:** This study aimed to identify students' perspectives towards using Mydispense as part of their APPE virtual training. **Method:** A questionnaire was distributed among students to evaluate APPE virtual training in term of being well-designed, clear, and useful cases, and whether Mydispense assists in improving their skills. **Results:** After completion of the first two rotations namely; Internal Medicine and Haematology and Oncology, students' responses toward cases design, clarity and usefulness were always less than 3 on 5-lickert scale. In addition, students admitted that the use of virtual cases did not assist them in improving their skills. Students' responses improved and were always > 3 on 5-lickert scale, after completion of the other eight rotations namely; Ambulatory care, Intensive care unit and Cardiac care unit, Infectious diseases, Surgery, Nephrology, Dermatology, Paediatrics and electives which included Psychiatry and Gynaecology **Conclusion:** After receiving more practicing sessions on Mydispense, the students' progression and satisfaction improved throughout the further stages of training. Students were satisfied with their APPE virtual training because of its suitability and flexibility, in addition to the personal preference of convenience and desirability about learning.

Keywords: Mydispense, APPE, Experiential training, Virtual, perspective.

References:

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