Objective: We generated a curricular activity, Integrating Pharmaceutics with Medication Safety (IPMS), to enhance learning in pharmaceutics and compounding, to highlight the importance of patient safety, and to promote critical thinking and presentation skills.

Methods: The IPMS activity was implemented over three days during the first-year pharmacy students. Teams of 6-7 members were assigned a dosage form (tablet, ointment) and were instructed to find a related drug product that was linked to an authentic medication error. A voluntary student survey assessed the activity's effectiveness in the context of Bloom's taxonomy.

Results: The survey received 72% and 89% response rates for the class of 2019 and 2020 (n = 102 and n = 99), respectively. 84% agreed IPMS maximized knowledge integration of pharmaceutics and compounding procedures. 87% agreed IPMS created an environment that promoted Bloom's Taxonomy Educational Objectives for medication safety. 90% of the students agreed IPMS enhanced awareness of the devastating effects a medication error can cause to patients, providers, and the healthcare community. 92% agreed IPMS created an environment that promoted Bloom's Taxonomy Educational Objectives for medication safety.

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