

LSI Repository: Educational Research Case Study

CASE

Study Overview

Ohio is one of five states with the highest rates of opioid-related overdose deaths in the nation. Within the healthcare setting, it is essential for physicians be able to address the needs of patients and their families impacted by the opioid epidemic. Historically, medical school curricula have devoted limited attention to pertinent topics, such as management of pain, safe opioid prescribing practices, and recognition and treatment of patients with addiction. While more and more schools are integrating opioid-related content into their curricula, there is a paucity of information regarding the effectiveness of these educational interventions. Similarly, students' perceptions about the education they receive about opioid-related topics and their ability to manage patients with opioid use disorder is limited.

This study is intended to assess students' perceptions and evaluate the effectiveness of supplemental educational content about management of opioid use disorders. It is anticipated that participants' knowledge will be enhanced and that other educators tasked with developing curricula may benefit from learning about our experiences.

Study Objectives

1. To evaluate the effectiveness of supplemental educational content on medical students' understanding of management of patients with opioid use disorder during the Part II UPSMN ring.
2. To assess students' baseline and post-intervention perceptions of ability to manage patients having opioid use disorder.

COMMENTARY

The study rationale, objectives, and literature provide evidence to support not only the need for this intervention, but also how the findings will benefit the field at large. In other words, the work will support, refute, or add to the current literature.

While the educational intervention is new to the curriculum, it would be incorporated regardless of the opportunity to disseminate this work beyond Ohio State. Thus, *all data are collected as part of standard program evaluation* and are included in the LSI Repository.

After adequate data are collected and analyzed, if the educational intervention does not yield desired results, it is then appropriate to modify or discontinue the intervention. *This aligns with the requirement for program evaluation*, both for internal continuous quality improvement and for national accreditation.

This project meets all criteria in Condition Set 2:

1. The data were collected during the 2012-2013 academic year *or later*.
2. The Academic Program Director approved the curriculum as an optional learning experience.
3. The learning experience is available to all LSI students.
4. The data were collected as part of regular student and program evaluation.
5. The data are identifiable.