

# Implementing an end-of-day quiz and its impact on academic performance and student attendance in a three-year doctorate of Pharmacy program.

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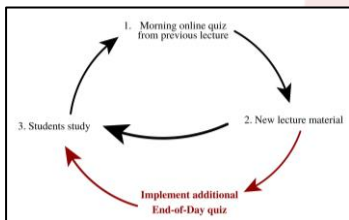
## INTRODUCTION

- Roseman University utilizes an accelerated block system, which allows for the mastery of one course before progressing on to the next course.
- A typical block consists of eight-hour lectures for two weeks with assessment at 90% pass or no pass system. Morning quizzes are implemented to help test the student's knowledge of the material taught the previous day.

## OBJECTIVE

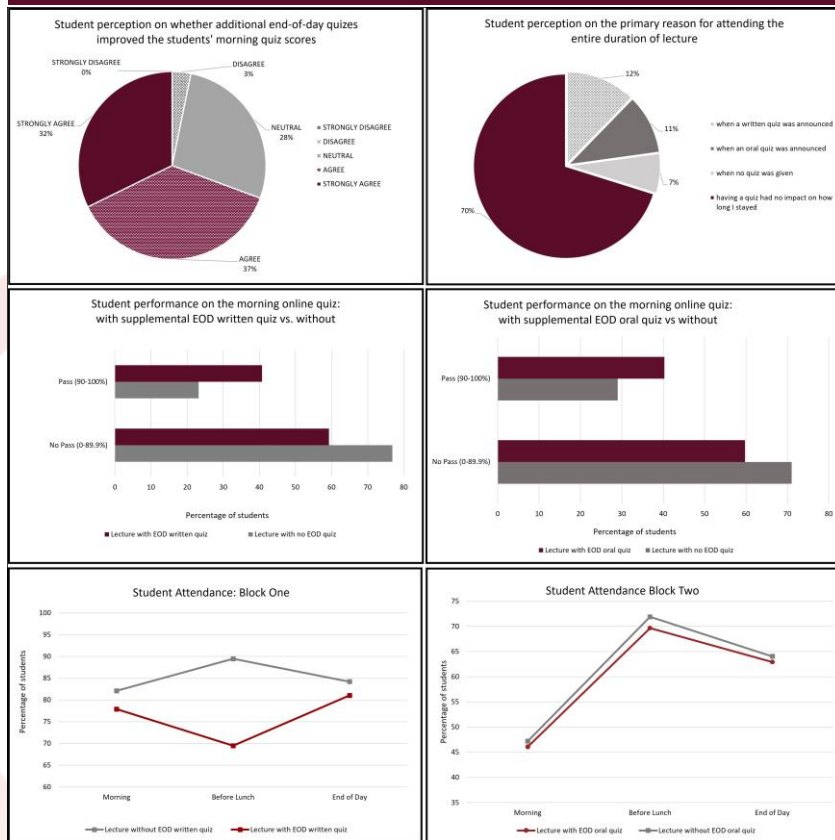
- This study evaluates the implementation of an additional end-of-the-day (EOD) quiz impacting student performance on the following day's morning quizzes and student attendance in lectures.

## METHODS



- This study is conducted during the first year of the pharmacy program in two basic science blocks.
- Attendance and next-day morning online quiz scores were anonymously collected. The students were categorized based on the results of their first attempt ( $\geq 90\%$  or  $< 90\%$ ).
- A survey was given after the study included a five-point Likert scales<sup>3</sup> and was administered in paper format rather than electronically<sup>4</sup> to measure student perception of the experience.

## RESULTS



## DISCLOSURE

Jousef Alandy-dy: Nothing to disclose  
Desiree Chong: Nothing to disclose  
Arsen Topchyan: Nothing to disclose  
Dr. Arup Chakraborty: Nothing to disclose

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## CONCLUSION

- Students perceived that the EOD quiz was beneficial in directing their studying which help them learn in the right direction.
- Thus, there was an observable increase was seen in the number of students obtaining  $\geq 90\%$  in their canvas quizzes for the days when an additional EOD quiz was given in contrast to the days when no EOD quiz was given.
- Consistent with the student perception that the EOD quizzes had no impact on whether students stayed for the entire duration of the lecture, there is no observable difference in the student attendance on days with or without an EOD quiz.
- Further studies are needed to determine the superiority of the format of the EOD quiz and to determine further academic success.

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