

Assessment of Improved Knowledge of Over-the-Counter Drugs Utilizing a Group Learning Activity



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and HEALTH SCIENCES

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Objective

To evaluate students' performance and satisfaction based on a weekly group project learning Over-the-Counter (OTC) drug cards in a large required course

Methods

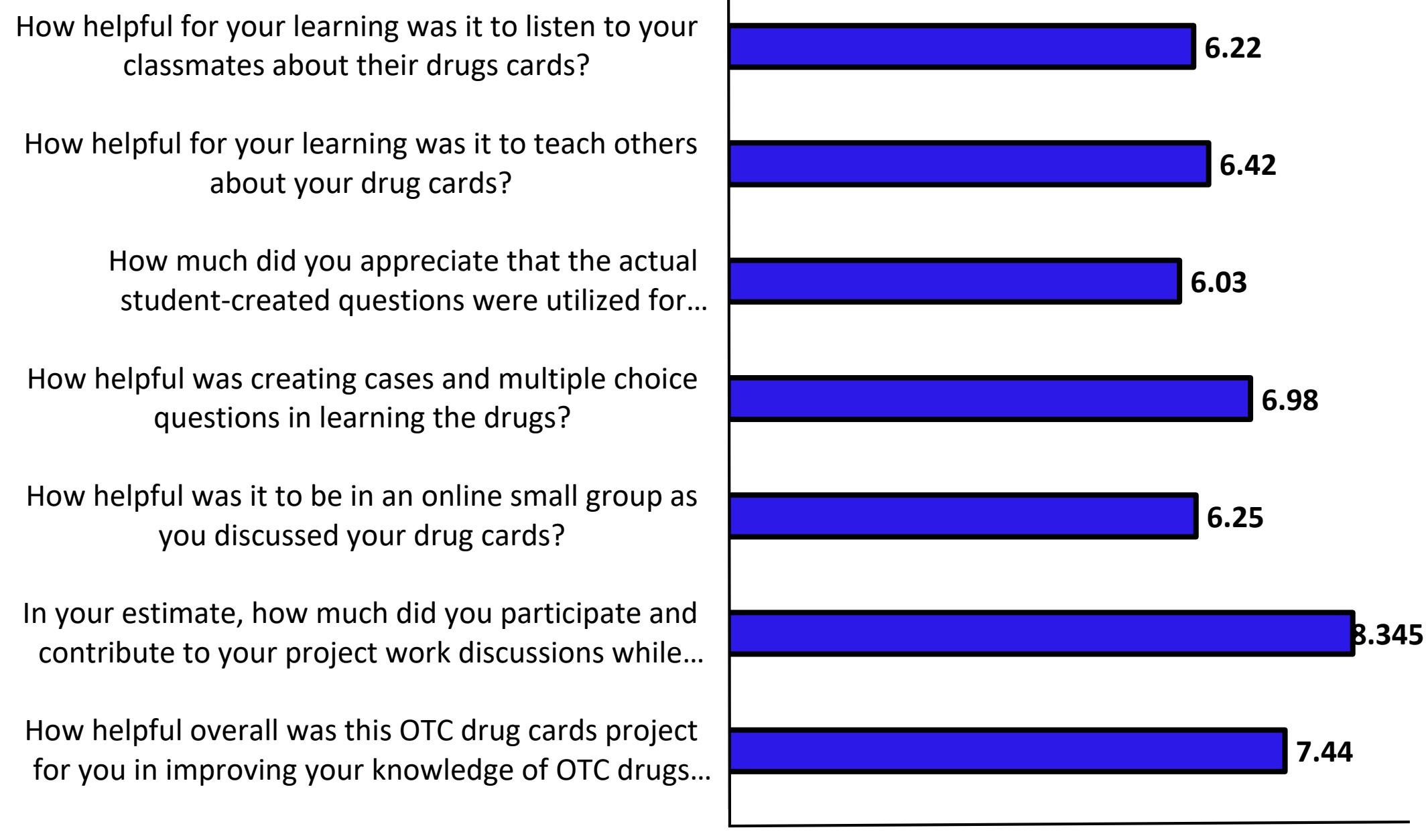
- Five OTC drugs were chosen from the Top 100 Nonprescription Drugs Cards based on the topic covered
- In each online session, students were randomly assigned to a group of 5
- Each student presented information about one drug card and created a short case study and a multiple-choice question related to that drug
- Each student submitted the case and multiple-choice question weekly
- Five selected questions from the assigned drugs were included on their scheduled examinations
- Students took a pre- and post- test to measure change in knowledge
- Students were surveyed on their satisfaction with the learning activity

Conclusions

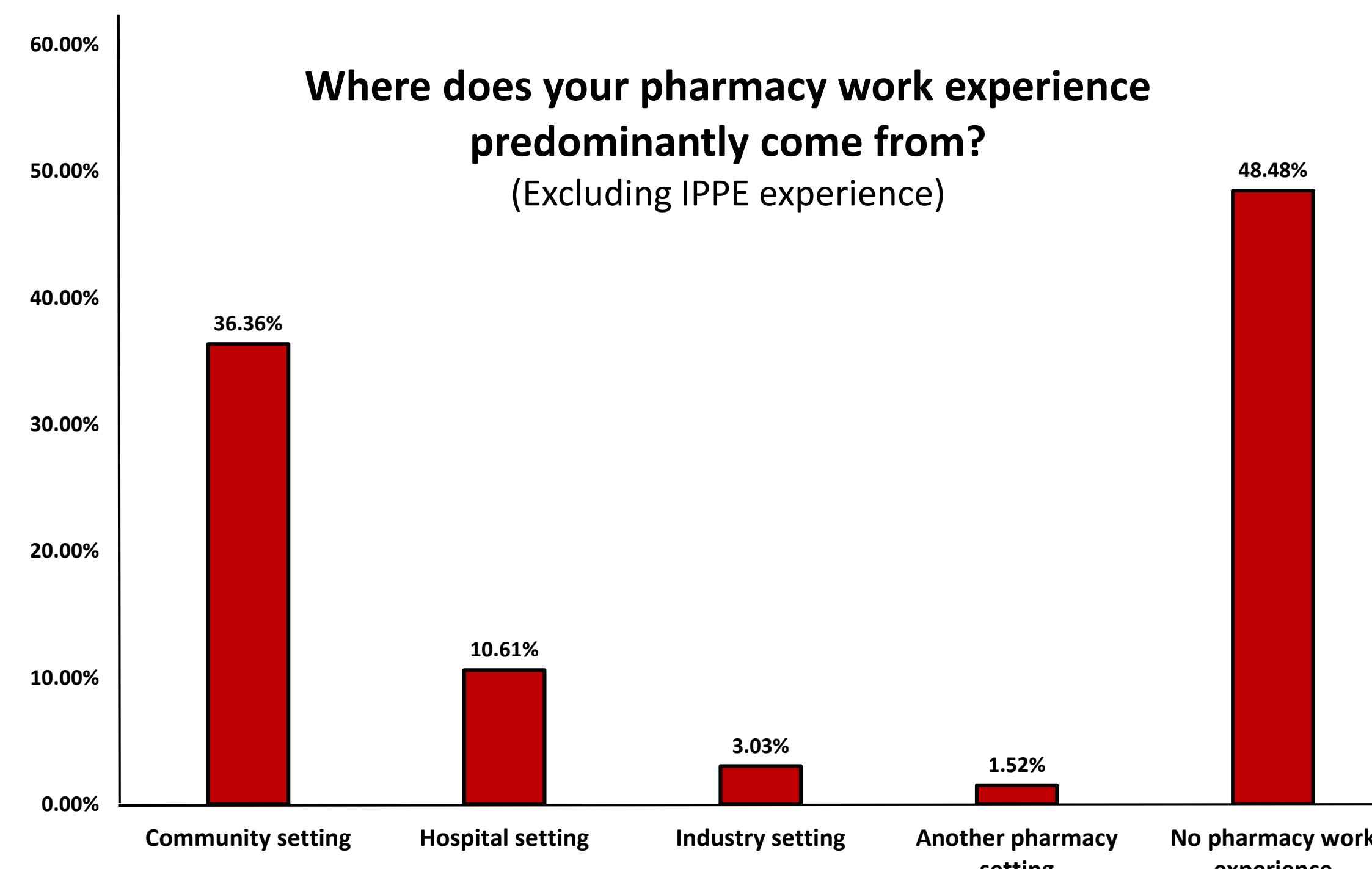
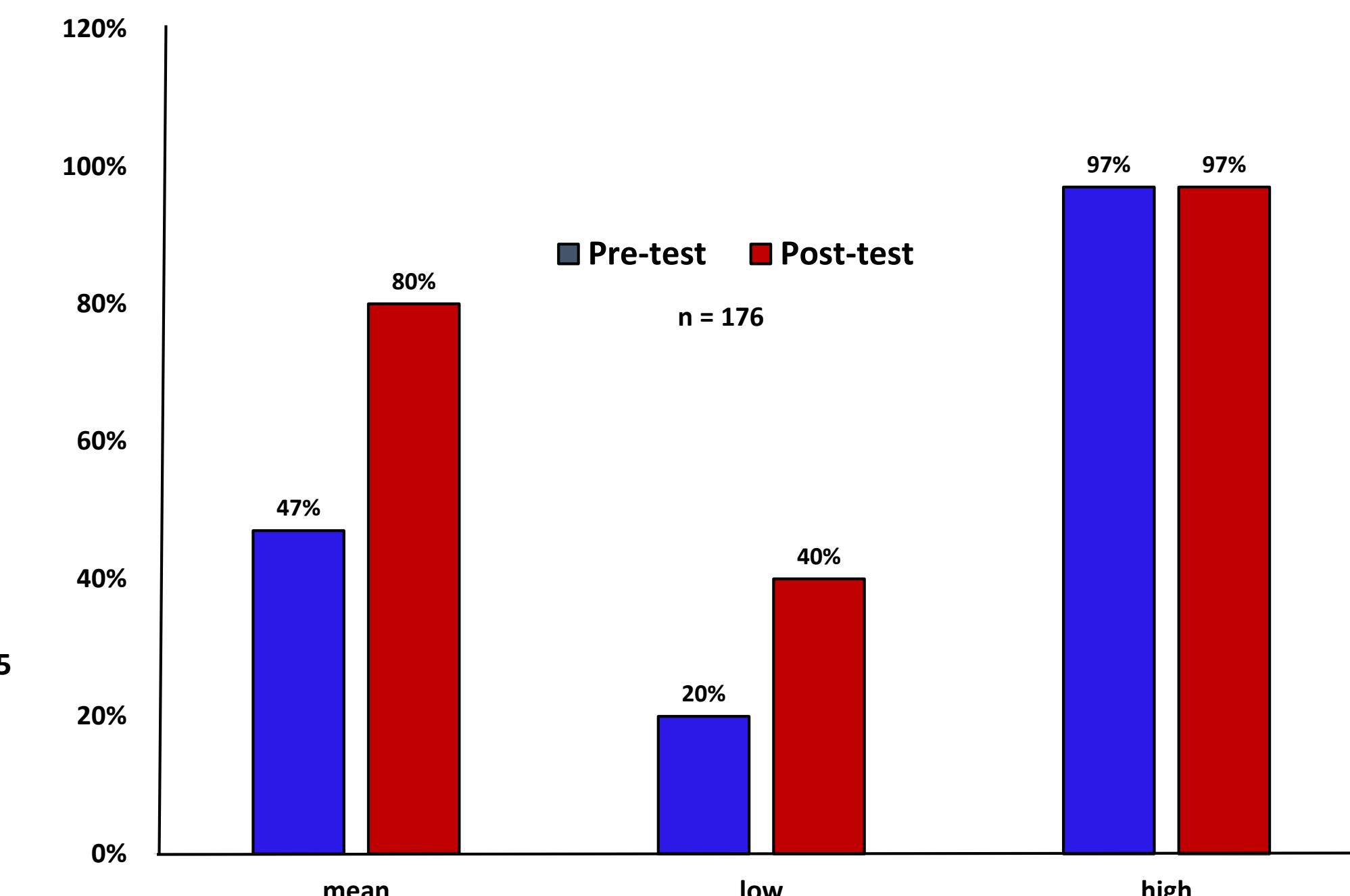
- Students overall found the project useful in learning OTC drugs, but addressed concerns of participating in randomly assigned groups and encountering student-created questions on examinations
- As expected, teaching others enhanced their knowledge more than listening to peers
- At the end of the project, their knowledge of OTC drugs improved based on the pre- and post-test results

Results

Post Course Survey



Pre and Post Project Test



Would you recommend this project be continued next year?

