

Introduction

- Pharmacy students are required to learn and retain large amounts of information.
- Many students look to online resources as educational aids.
- SketchyPharm is an online platform used routinely by medical students to learn pharmacology.
- Prior to SketchyPharm's release, medical students scored around 10% lower than pharmacy students on pharmacology exams.
- No study has looked at the effectiveness of SketchyPharm on pharmacology knowledge.

Objective

To determine if SketchyPharm is an effective tool for pharmacy students in learning and retaining pharmacology information.

Methods

- IRB approved pharmacology survey/questionnaire
- Inclusion Criteria:
 - Any medical or pharmacy student completing their final didactic year of school.
- Data Collected:
 - Type of student (Medical or Pharmacy)
 - School attended
 - If SketchyPharm was reviewed
 - How much was reviewed.
 - Questionnaire score
- Data Analysis:
 - Student T-scores between students using SketchyPharm and those who do not.
 - Comparative analysis of questionnaire score on amount of SketchyPharm reviewed

Results

Medical Students
N = 82

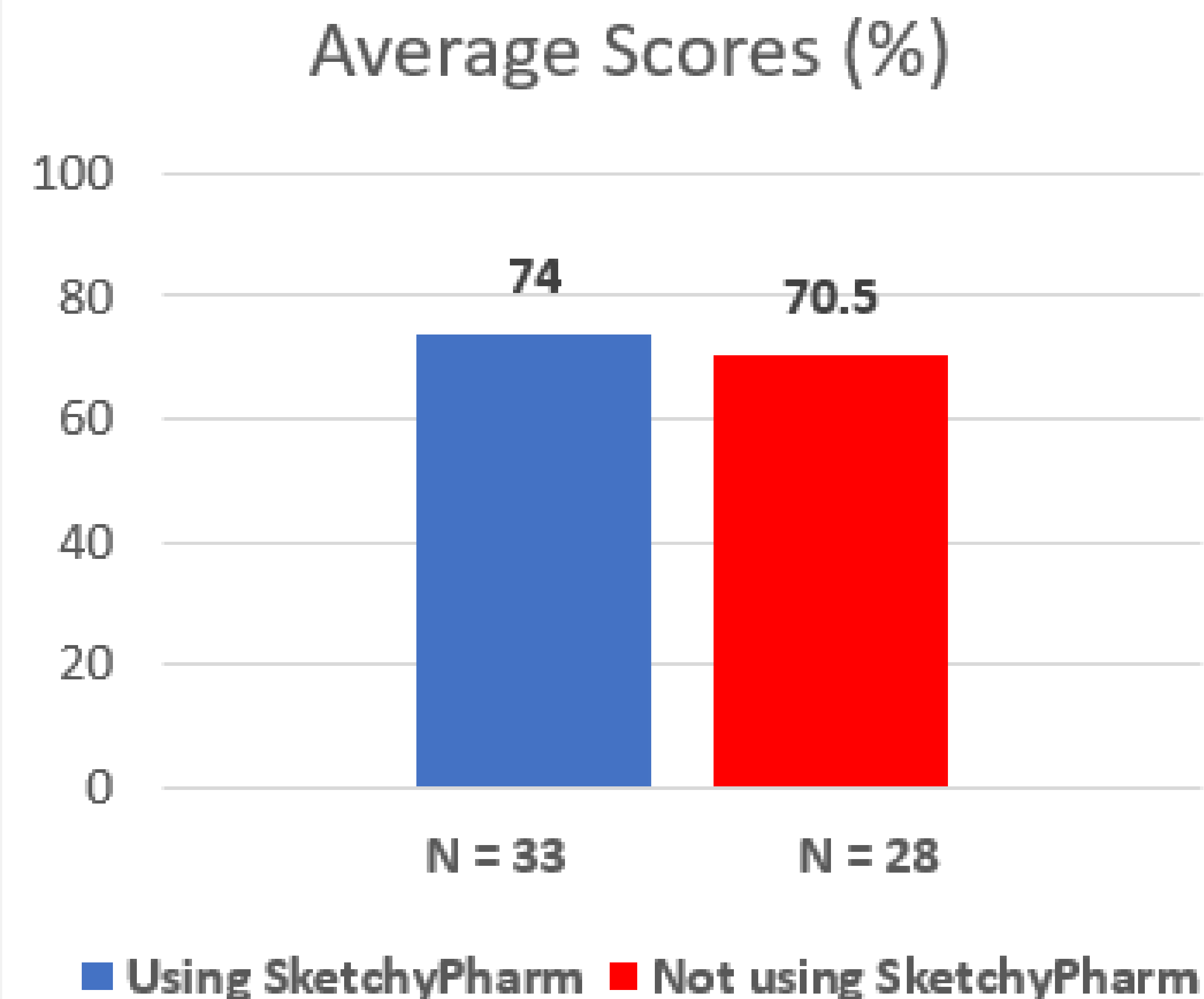
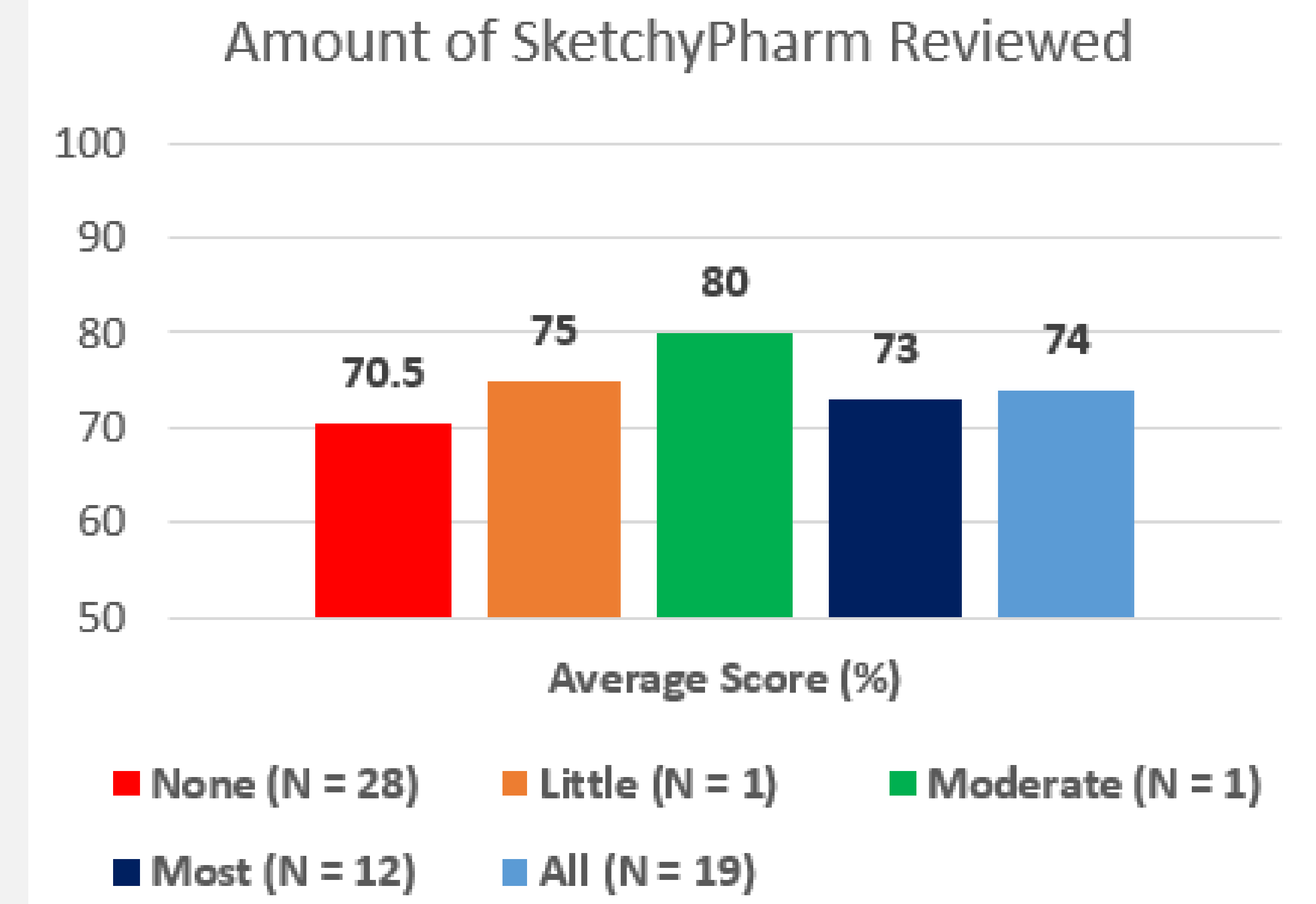
49 did not complete >50% of the quiz

33 analyzed, all used SketchyPharm

Pharmacy Students
N = 44

16 did not complete >50% of the quiz

28 analyzed, none used SketchyPharm



Discussion

- Students that used SketchyPharm were unanimously medical students.
- Average medical student pharmacology scores have seen an almost 15% increase after SketchyPharm was developed.
- Score averages were numerically higher in students using SketchyPharm regardless of the amount they reviewed.
- Future research on SketchyPharm efficacy during the learning process and long-term recall after using SketchyPharm should be conducted.

Conclusion

- This study shows that SketchyPharm may be a valuable tool in the pharmacy student's arsenal.
- With the ability to freely recall vital pharmacology information when making clinical decisions, SketchyPharm could help create more formidable clinicians.