

Using a Self-Directed Learning Technique for Learning Suturing Skills: Does Medical Student Self Assessment Agree with that of Faculty Observers?

Divya Srinivas, Walter Robey, MD; Rebecca Gilbird, MPH; Jennifer Bennett, MD; Melanie Rodríguez-Carrion, MD; Mehdi Bilgrami, MD; Samuel Pankey, MD; Dmitry Tumin, PHD

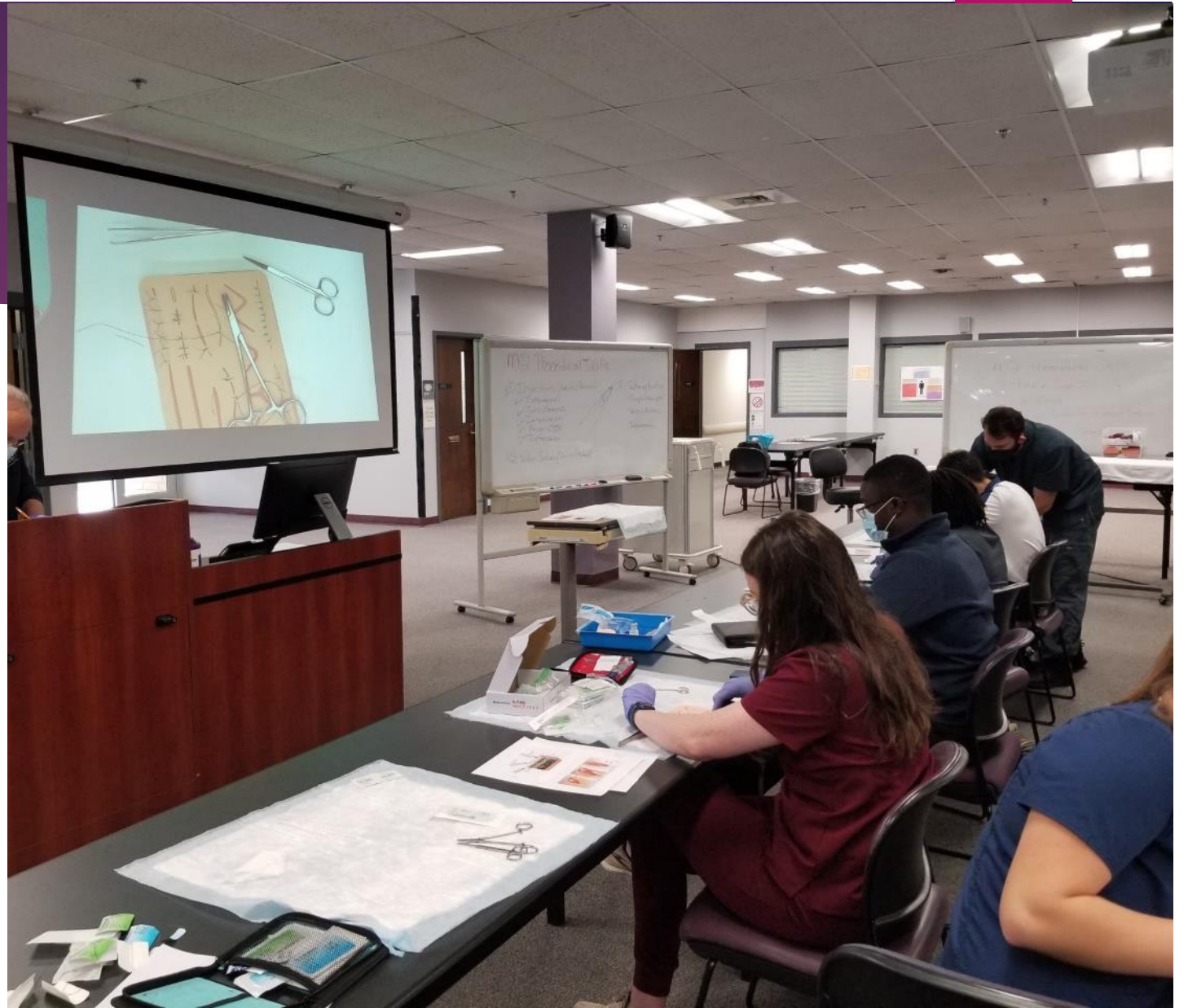
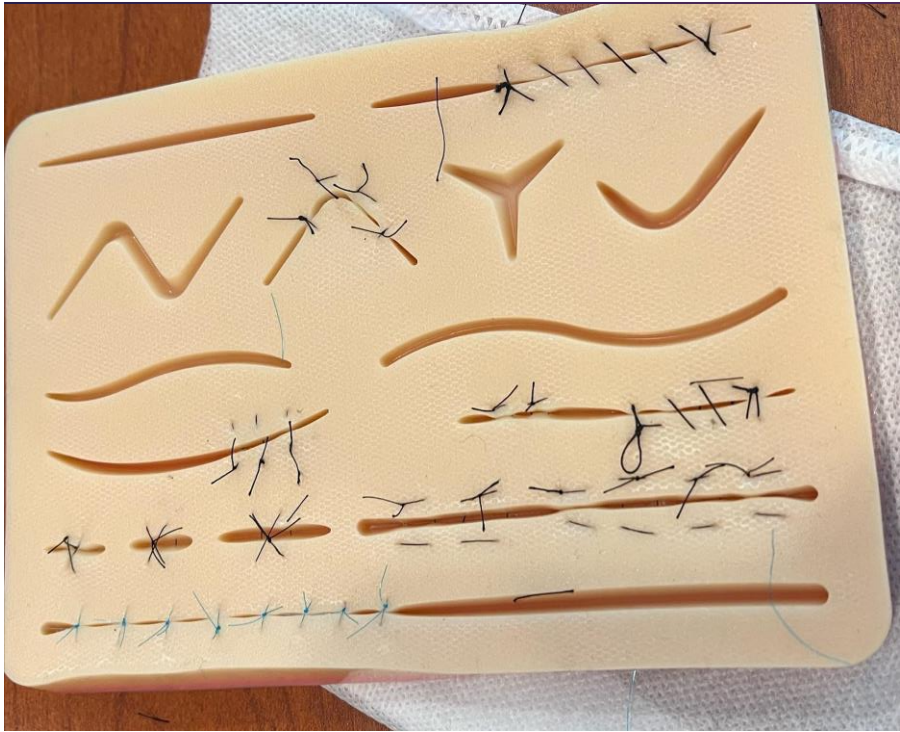
Disclosures

No disclosures to present

Introduction

- ▶ Third-year medical students entering the surgery & OBGYN clerkships had no formal instruction in suturing
- ▶ Students expressed concern over the lack of preparation they felt in the OR



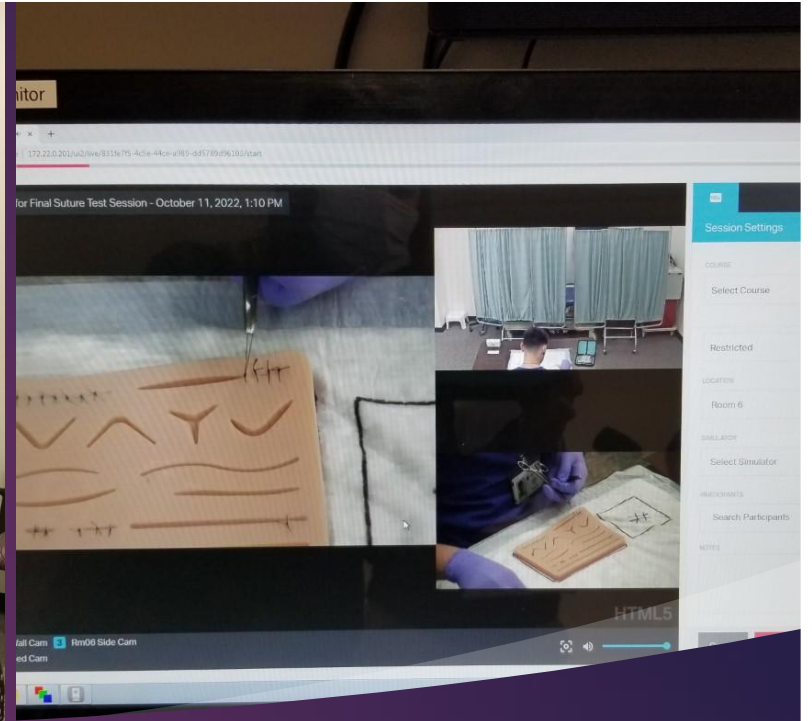
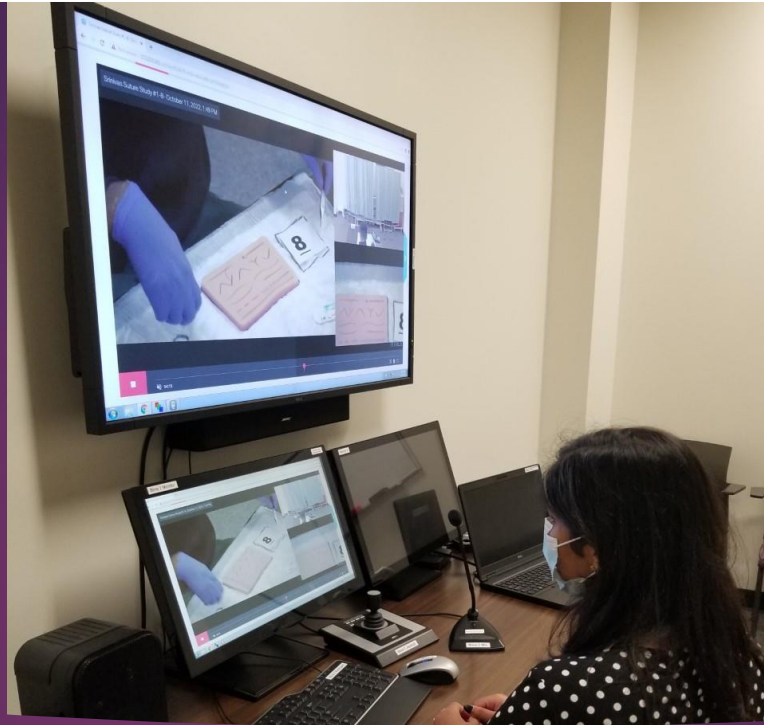


In Partnership With





Student
self-assessment
vs physician
assessment of
suturing skills



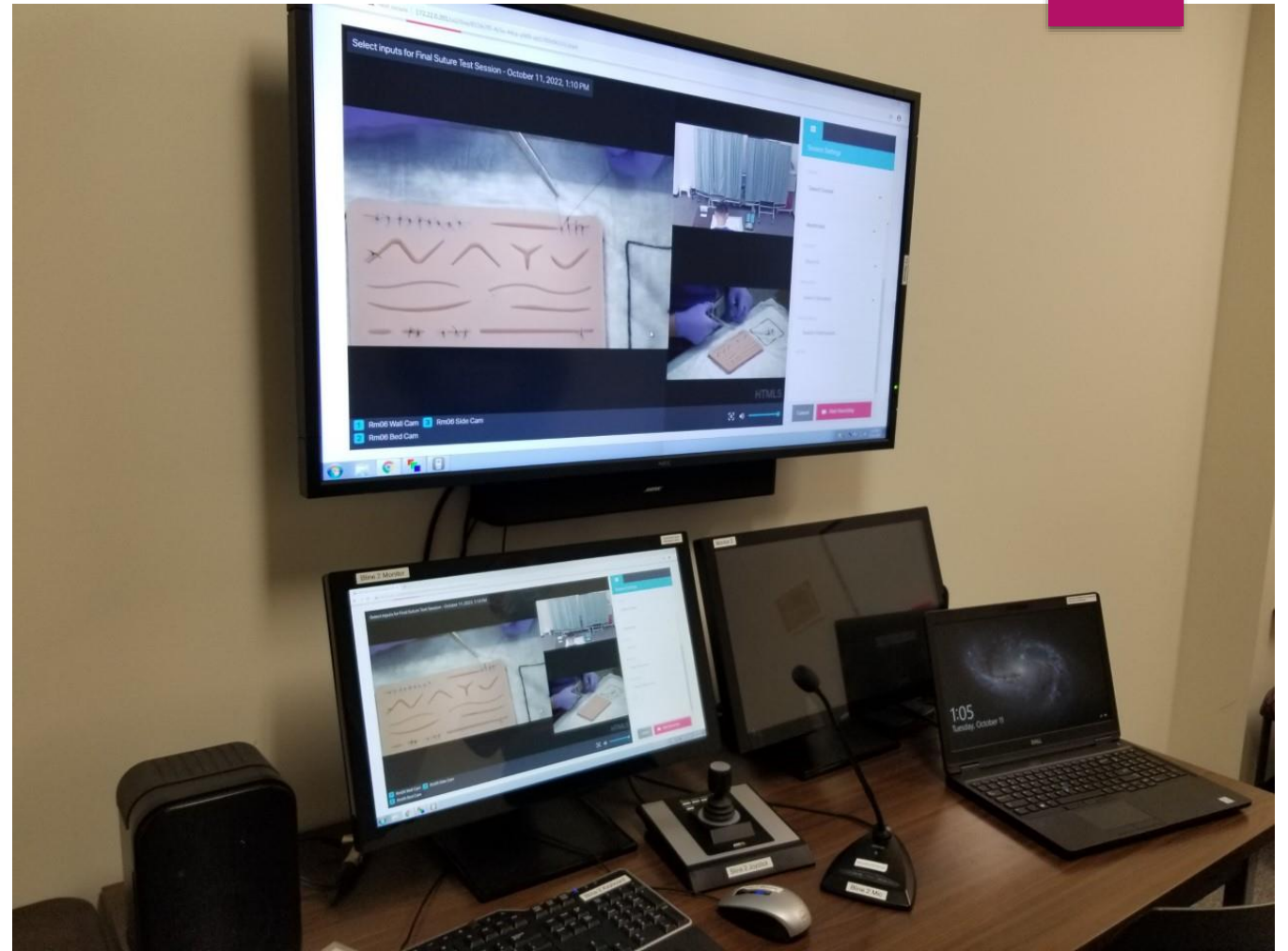
Methods

Educational Study

- ▶ Tissue respect
- ▶ Time/motion
- ▶ Instrument Handling
- ▶ Flow
- ▶ Suture Handling
- ▶ Knowledge
- ▶ Appearance
- ▶ Performance

Student Self-Rating Results

- ▶ N=71 student self ratings
- ▶ Students practiced an average of 2.44 hours with 20 sutures
- ▶ Average total score of 25.17 out of 40
- ▶ Std. Dev. 5.86
- ▶ Physician results in progress





Conclusion