Evaluating the Change in Medical Students' Perceived Preparedness for Clinical Rotations

Background

Despite clinical integration in the first two years of medical school, students continue to feel unprepared for their 3rd and 4th year clinical rotations. This lack of confidence may manifest as a lack of knowledge to their attending physicians. New methods should be explored to boost students' perceived and actual preparedness.

Our overall aim of this study is to assess student perceptions of preparedness for their 3rd and 4th year clinical and surgical rotations pre- and post- cut suit week.

We hypothesize that there will be a significant increase in perceived preparedness due to Cut Suit Week.

We also hypothesize that an increased stress level during cut suit week will correlate with an increased level of preparedness up to a certain point, after which we will observe diminished returns.

Materials and Methods

- Population
  - Inclusion: 40 second-year students from RVUCOM-CO, RVUCOM-UT, TUNCOM, WesternCOMP, ATSU-KCOM participating in Cut Suit Week
  - Exclusion: 3 RVUCOM-UT – co-investigators
- Design
  - Pre-exposure survey given to students before CSW on Veracity Systems
  - Students rotate through 4 days of immersion trauma
  - On last day, students given post-exposure survey on Veracity
- Survey
  - Administered on **Veracity** tablets
  - Pre-CSW survey: consists of questions pertaining to how confident/prepared students feel for their 3rd year clinical and surgical rotations, as well as well as questions gathering demographic data.
  - Post-CSW survey: we will then deliver a similar survey to compare how their confidence and preparedness for 3rd year clinical and surgical rotations changed due to the training and how stress levels during Cut Suit Week may have affected the former.

Timeline

- **April 28**: Pre-exposure survey administered and consent obtained
- **April 28 - May 3:** Students rotate through
- **May 3:** Post-exposure survey and demographics survey administered.

Involved Study Personnel

- Investigators
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