

TITLE: IMPROVEMENT IN MEDICAL STUDENT SURGICAL PERCEPTION WITH A ROBOTIC SIMULATION EXERCISE.

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FACULTY MENTOR DEPARTMENT: Surgery

RESEARCH PROJECT DESCRIPTION:

BRIEF OVERVIEW: The study will aim to assess the change in medical student's perception of surgery with exposure to a structured robotic simulation training.

HYPOTHESIS: Medical student perception regarding surgery in general and robotic surgery in particular improves significantly after exposure to a structured robotic simulation training.

METHODS: Medical students at the University of Florida College of Medicine will be invited to participate in a voluntary half to one hour structured robotic simulation training which will include robotic surgery simulator training and predefined robotic console exercises. A questionnaire will be administered before and after the training to assess change in medical student perception.

ROLE OF MEDICAL STUDENT: The Medical student will help with participant enrollment into the study and will help obtain the required data from the participants in terms of questionnaire results and robotic simulation results. Student will also work in conjunction with the faculty to analyze the data and write a manuscript.

FUNDING AND RELEVANT PUBLICATIONS: No funding source. No relevant publications but an opportunity to work on other ongoing projects and manuscripts exists.