

New Technologies and Surgical Approach to Rectal Cancer

Todd Jaffe

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UMMS Capstone for Impact

Branch: Procedures Based Care

Advisor: Amy Suwanabol

Project Summary

After piloting a previous survey at U of M regarding how surgeons learn new technologies, I, along with others in our research team, developed a survey geared towards colorectal surgeons to better understand how they learn and apply new technologies in practice. In conjunction with the American Society of Colorectal Surgeons New Technologies Committee and other international Colorectal Surgery societies, the survey was administered to colorectal surgeons across the globe.

We found multiple gaps in the rigor in which colorectal surgeons learn and implement these new technologies and are currently submitting two manuscripts for publication in surgical and colorectal journals."

Action Items/Outcome

Two publications in medical journals; submission pending final approval from ASCRS team member.

Conclusion/Reflection

This was a great opportunity to leverage a pilot project into a project with a broader scale and scope. I learned more about survey research and the important practical and ethical implications associated with the implementation of new technologies, which is a clinical interest of mine. I also learned how to work with a broad research team from other students to residents to surgeons both at this institution and throughout the US, which was an invaluable opportunity.