

Colorectal Research Center

VANDERBILT  UNIVERSITY
MEDICAL CENTER

Colorectal Research Newsletter - January 2023

FELLOWSHIP	<p>In August, Salvatore Parascandola, MD from the Uniformed Services University/Walter Reed Hospital joined us as our 2022-23 Colorectal Fellow. Please say hi when you see him.</p> <p>In October, we received the wonderful news that we matched Erin Wolf-Horrell, MD from Vanderbilt as our 2023-24 Colorectal Fellow.</p>
WEBSITE	<p>Thanks to the hard work of Andrea Fa, MD, we now have an outstanding website! Come visit us at https://www.vumc.org/vcrg/</p>
AWARDS	<p>Megan Shroder MD's work with Dr. Ford has received multiple accolades including 2nd place at the 2022 Meeting of the Tennessee ACS, a Finalist at the 2022 Vanderbilt GME Research Forum and 1st Place at the Vanderbilt Translational Research Forum Poster Competition. That comes with a travel stipend to present the project at Translational Science 2023 (April 18th-20th) in DC!</p>
GRANTS	<p>Dr. Shroder was awarded an ASCRS General Surgery Resident Research Initiation Grant for her project entitled, "Patient Reported Outcome Measures in Diverticulitis".</p>
CURRENT RESEARCH	<p>Dr. Khan, Ms. Georgina Sellyn, & Hilary Samaras RN, BSN are partnering with the radiology department on a project examining the use of 3-D printed models to better educate patients prior to surgery. They will present this work at the 2023 meeting of the ASCRS.</p> <p>Drs. Hopkins and Fa are working on a project looking at outliers from our ERAS program.</p> <p>Dr. Khan continues his work examining various ways machine learning can aid surgeons in the operating room</p> <p>Drs. Khan and Hawkins is partnering with the GI Windows team on a study using magnets to form small bowel anastomoses. They have enrolled four patients so far with technical success.</p>
PAPERS PUBLISHED	<p>The section had 12 papers published or accepted in the second half of 2022. They follow on the next page.</p>
PRESENTATIONS	<p>The section had five separate abstracts accepted at the 2023 <i>American Society of Colon & Rectal Surgeons</i> meeting. Abstracts were submitted by Drs. Fa, Khan, Parascandola, and Shroder, Ms. Sellyn and Mr. Ueland.</p> <p>Dr. Hawkins and Mr. Ueland presented "Relationship between Telemedicine and Shared Decision-Making in General Surgery" on at 134th Annual Meeting of the Southern Surgical Association.</p> <p>Dr. Shroder and Mr. Bethurum both presented the 2022 meeting of the Tennessee ACS.</p>
NEW ROLE	<p>Dr. Hawkins was named Vice Chair for Clinical Research for the Section of Surgical Sciences</p>
DEADLINES	<p>Abstracts for the 2023 ACS Clinical Congress are due by March 1 at 11:59 pm CT.</p>
SUPPORT OUR WORK	<p>https://www.vumc.org/vcrg/support</p>

Published papers:

- 1: Harrison NJ, Lopez AA, Shroder MM, Bachmann JM, Burnell E, Hopkins MB, Geiger TM, Hawkins AT. Collection and Utilization of Patient-Reported Outcome Measures in a Colorectal Surgery Clinic. *J Surg Res.* 2022 Dec;280:515-525. doi: 10.1016/j.jss.2022.07.042. Epub 2022 Sep 5. PMID: 36081311; PMCID: PMC9588722.
- 2: Hite M, Hopkins MB, Khan A. Robotic Low Anterior Resection with Transanal Extraction for Colovesical Fistula. *Dis Colon Rectum.* 2022 Nov 17. doi:10.1097/DCR.0000000000002532. Epub ahead of print. PMID: 36395431.
- 3: Davids JS, Hawkins AT, Bhama AR, Feinberg AE, Grieco MJ, Lightner AL, Feingold DL, Paquette IM; Prepared on behalf of the Clinical Practice Guidelines Committee of the American Society of Colon and Rectal Surgeons. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Management of Anal Fissures. *Dis Colon Rectum.* 2022 Nov 1. doi:10.1097/DCR.0000000000002664. Epub ahead of print. PMID: 36321851.
- 4: Harrison NJ, Ford MM, Wolf Horrell EM, Feng M, Ye F, Zhang KC, Hawkins AT. Long-term bowel dysfunction and decision regret in diverticulitis: A mixed methods study. *Surgery.* 2022 Oct;172(4):1194-1201. Doi:10.1016/j.surg.2022.04.051. Epub 2022 Aug 1. PMID: 35927081; PMCID: PMC9569027.
- 5: Hawkins AT, Fang SH. Anal Squamous Intraepithelial Lesions and Anal Cancer Management in Low Resource Settings. *Clin Colon Rectal Surg.* 2022 Sep 13;35(5):396-401. doi: 10.1055/s-0042-1746188. PMID: 36111083; PMCID: PMC9470285.
- 6: Hawkins AT. I've Got Bad News and Bad News: The Cost of Colorectal Cancer Care. *Ann Surg Oncol.* 2022 Sep;29(9):5353-5354. doi: 10.1245/s10434-022-12172-1. Epub 2022 Jul 13. PMID: 35831527.
- 7: DuCoin C, Zuercher H, McChesney SL, Korndorffer JR Jr. Peer Assessment in Medical Student Education: A Study of Feasibility, Benefit, and Worth. *Am Surg.* 2022 Sep;88(9):2361-2367. doi: 10.1177/00031348211011096. Epub 2021 Apr 18. PMID: 33870753.
- 8: Eng C, Ciombor KK, Cho M, Dorth JA, Rajdev LN, Horowitz DP, Gollub MJ, Jácome AA, Lockney NA, Muldoon RL, Washington MK, O'Brian BA, Benny A, Lebeck Lee CM, Benson AB 3rd, Goodman KA, Morris VK. Anal Cancer: Emerging Standards in a Rare Disease. *J Clin Oncol.* 2022 Aug 20;40(24):2774-2788. doi: 10.1200/JCO.21.02566. Epub 2022 Jun 1. PMID: 35649196.
- 9: Sankaranarayanan G, Parker L, Khan A, Dials J, Demirel D, Halic T, Crawford A, Kruger U, De S, Fleshman J. Objective Metrics for Hand-sewn Bowel Anastomoses can Differentiate Novice from Expert Surgeons. *Surg Endosc.* 2022 Sep 30. PMID: 36180753
10. Khan A, Wolford D, Ogola G, Thompson R, Daher P, Stringfield S, Waddimba A, Lichliter W, Peters W, Fichera A, Fleshman J, Wells K. Impact of patient-reported penicillin allergy on antibiotic prophylaxis and surgical site infection among colorectal surgery patients. *Dis Colon Rectum.* 2022 Nov 1;65(11):1397-1404. PMID: 34856589.
11. Moazzam Z, Shah S, Ali W, Khan A. An abstract thought: Can we report abstracts in colorectal surgery better? *Dis Colon Rectum.* 2023 Jan 1;66(1):6-9. PMID: 36515510
12. Iqbal A, Khan A, Hughes S, George TJ, Tan A, MD, Chavez H, Read T. Validation of a Pelvic Surgery Difficulty Risk Model to predict difficult pelvic dissection and poor outcomes. *Surgery (accepted)*