


## Curriculum Vitae

Personal Information	
Title	Dr.
Name	Sravanthi Parasa
Degree	MD
Country	USA
Affiliation	Swedish Medical Center, Seattle
E-mail	vaidhya209(at)gmail.com
	
Educational Background	
<p>MBBS – Gandhi Medical College, Hyderabad, India                      MPH – Epidemiology and Biostatistics, University of Washington, Seattle                      Internal Medicine Residency , Internship- Georgetown University, DC and University of Kansas , Kansas City                      Fellowship- University of Kansas, Kansas City, USA                      Advisory board- Allen Institute for Artificial Intelligence, Seattle                      Consultant – Washinton Research Foundation and University of Washington, Foster school of business                      Grant support- Microsoft research and Google Cloud</p> <p>MD, MPH</p>	
Professional Career	
<p>Dr. Sravanthi Parasa is a practicing gastroenterologist and clinical researcher based at the Swedish Medical Center in Seattle. Dr. Parasa's research focuses on the intersection of epidemiology, biostatistics, and machine learning with a passion for augmenting patient care through the meaningful applications of Artificial Intelligence and digital technologies. She is an active member of GI society committees and serves on IEEE/engineering and computer science conferences and program committees, where she is a frequent invited speaker on the translation of digital and AI solutions to patient care. By partnering with world-renowned institutes, she has published several papers and guidelines in areas of high-fidelity risk prediction models, application of computer vision and natural language processing in the medical space.</p>	
Research Field	
<p>Gastroenterology, AI in medicine and healthcare, Epidemiology, Colon cancer, Endoscopy</p>	
Main Scientific Publications	
<p>S Parasa, A Repici, T Berzin, C Leggett, Gross SA, Sharma P :Framework and metrics for the clinical use and implementation Q1 of artificial intelligence algorithms into endoscopy practice: recommendations from the American Society for Gastrointestinal Endoscopy Artificial Intelligence Task Force                      Kalgotra, P., R. Sharda, and S. Parasa, Quantifying disease-interactions through co-occurrence matrices to predict early onset colorectal cancer. Decision Support Systems, 2023: p. 113929</p> <p>SinGAN-Seg: Generation of Synthetic Training Data for Medical Image Segmentation. Vajira L. Thambawita, Pegah Salehi, Sajad A. Sheshkal, Steven A. Hicks, Hugo L. Hammer, Sravanthi Parasa, Thomas D. Lange, Pål Halvorsen, Michael A. Riegler</p> <p>Proceedings from the First Global Artificial Intelligence in Gastroenterology and Endoscopy Summit.                      Parasa S, Wallace M, Bagci U, Antonino M, Berzin T, Byrne M, Celik H, Farahani K, Golding M, Gross S, Jamali V, Mendonca P, Mori Y, Ninh A, Repici A, Rex D, Skrinak K, Thakkar SJ, van Hooft JE, Vargo J, Yu H, Xu Z, Sharma P. Gastrointest Endosc. 2020 Apr 25;S0016-5107(20)34198-5. doi: 10.1016/j.gie.2020.04.044</p> <p>ChatGPT and large language models in gastroenterology.</p>	



Sharma P, Parasa S. *Nat Rev Gastroenterol Hepatol*. 2023 Aug;20(8):481-482. doi: 10.1038/s41575-023-00799-8.

On evaluation metrics for medical applications of artificial intelligence.

Hicks SA, Strümke I, Thambawita V, Hammou M, Riegler MA, Halvorsen P, Parasa S. *Sci Rep*. 2022 Apr 8;12(1):5979. doi: 10.1038/s41598-022-09954-8. PMID: 35395867

Position statement on priorities for artificial intelligence in GI endoscopy: a report by the ASGE Task Force.

Berzin TM, Parasa S, Wallace MB, Gross SA, Repici A, Sharma P. *Gastrointest Endosc*. 2020 Oct;92(4):951-959. doi: 10.1016/j.gie.2020.06.035. Epub 2020 Jun 19. PMID: 32565188

Dan Lahav, Jon Saad-Falcon, Bailey Kuehl, Sophie Johnson, Sravanthi Parasa, Noam Shomron, Duen Horng Chau, Diyi Yang, Eric Horvitz, Daniel S. Weld, Tom Hope:

**A Search Engine for Discovery of Scientific Challenges and Directions.** *AAAI 2022*: 11982-11990

Aakanksha Naik, Sravanthi Parasa, Sergey Feldman, Lucy Lu Wang<sup>id</sup>, Tom Hope:

**Literature-Augmented Clinical Outcome Prediction.** *NAACL-HLT (Findings) 2022*: 438-453