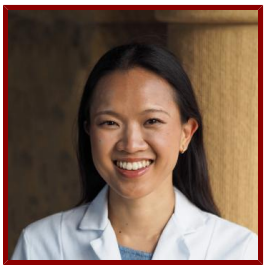
Stanford



Margaret J. Zhou, MD, MS

Clinical Assistant Professor, Medicine - Gastroenterology & Hepatology

CLINICAL OFFICE (PRIMARY)

- **Gastroenterology and Hepatology**

  300 Pasteur Dr Rm M211

  MC 5187

  Stanford, CA 94305

  Tel (650) 725-3362 **Fax** (650) 723-5488

Bio

BIO

Dr. Margaret Zhou is a board-certified, fellowship-trained gastroenterologist with Stanford Health Care. She also holds an appointment as clinical assistant professor at Stanford University School of Medicine.

She specializes in therapeutic endoscopy with expertise in treating Barrett's esophagus and disorders of the pancreas and bile duct. In particular, she offers advanced endoscopic interventions to prevent, detect, and manage gastrointestinal (GI) cancers. These interventions include endoscopic mucosal resection, endoscopic ablation, endoscopic retrograde cholangiopancreatography, and endoscopic ultrasound. She is also interested in the management of esophageal disorders such as gastroesophageal reflux disease.

Dr. Zhou has published widely on improving the detection of precancerous lesions and cancers of the GI tract. She is particularly interested in prevention, early detection, and outcomes in Barrett's esophagus, esophageal cancer, and stomach cancer. In addition, she has published on new technologies and the use of artificial intelligence in GI. Her research has been published in multiple journals including Clinical Gastroenterology and Hepatology; Clinical and Translational Gastroenterology; and Cancer Epidemiology, Biomarkers & Prevention.

Dr. Zhou is an active member of multiple national GI societies. She currently serves on the American Gastroenterological Association (AGA) Clinical Guidelines Committee and AGA Trainee and Early Career Committee. She also serves as an Associate Editor for Evidence-Based GI, an American College of Gastroenterology (ACG) journal.

CLINICAL FOCUS

- Gastroenterology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Gastroenterology & Hepatology

HONORS AND AWARDS

- Research Foundation Fellow Abstract Award, AGA
- MD with Distinction, Clinical and Translational Research Pathway, UCSF School of Medicine
- Innovation Fellow, American Gastroenterological Association (AGA)
- Dr. Joseph N. Muschel Medical Housestaff Award, NewYork-Presbyterian/Columbia University Irving Medical Center
- Dean's Summer Fellowship, UCSF School of Medicine
- Dean's Prize for Research and Scholarship Finalist, University of California, San Francisco (UCSF) School of Medicine
- Chief Gastroenterology Fellow, Stanford University School of Medicine

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Division of Gastroenterology and Hepatology (2024) CA
- Fellowship: Stanford University Division of Gastroenterology and Hepatology (2023) CA
- Board Certification: Gastroenterology, American Board of Internal Medicine (2023)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2020)
- Residency: New York Presbyterian Columbia Campus Internal Medicine Residency (2020) NY
- Medical Education: University of California at San Francisco School of Medicine (2017) CA
- MD, University of California, San Francisco (2017)
- Bachelor of Science, Stanford University , Biological Sciences (2013)

Publications

PUBLICATIONS

- **Comparison of procedure-related complications and success rates between duodenoscopes with disposable end caps and conventional reusable duodenoscopes: a randomized trial.** *Surgical endoscopy*
  Siddappa, P. K., Barakat, M. T., Zhou, M. J., Li, A. A., Eldika, S., Banerjee, S.
  2026
- **Potassium competitive acid blockers in Barrett's esophagus: lessons from gastro-esophageal reflux disease and future directions.** *Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus*
  Zhou, M. J., Triadafilopoulos, G.
  2026; 39 (2)
- **Clinical Utility of Biomarkers for Barrett's Esophagus: Guidelines and Future Directions.** *Gastroenterology clinics of North America*
  Zhou, M. J., Sawas, T., Leiman, D. A., Wani, S.
  2026; 55 (1): 21-37
- **Adjunctive Use of p53 Immunohistochemistry for Risk Stratification in Barrett's Esophagus: A Systematic Review and Meta-Analysis.** *The American journal of gastroenterology*
  Sawas, T., Davitkov, P., Zhou, M., Eluri, S., Leiman, D. A., Thrift, A. P., Singh, S., Inadomi, J., Katzka, D., Rubenstein, J. H., Stachler, M., Wani, S.
  2026
- **Antireflux Surgery for Barrett's Esophagus: Where Do We Stand in Preventing Esophageal Adenocarcinoma?** *Annals of the New York Academy of Sciences*
  Kollmann, D., Etyemez, C., Asari, R., Jomrich, G., Triadafilopoulos, G., Vega, K. J., Zilberstein, B., Zhou, M. J., Huang, Q., Mashimo, H., Shin, E. J., Clark, J. O., Schoppmann, et al
  2026; 1556 (1): e70196
- **Spotlight: High Quality Endoscopic Exam for Barrett's Esophagus** *GASTROENTEROLOGY*
  Eluri, S., Wani, S., Zhou, M. J., Sawas, T., Rubenstein, J. H., Leiman, D. A., Thrift, A. P., Sultan, S., Singh, S., Inadomi, J., Katzka, D. A., Davitkov, P.
  2025; 169 (6): 1232

- **AGA Clinical Practice Guideline on Surveillance of Barrett's Esophagus.** *Gastroenterology*
  Wani, S., Zhou, M. J., Sawas, T., Rubenstein, J. H., Eluri, S., Leiman, D. A., Sultan, S., Singh, S., Inadomi, J., Thrift, A. P., Katzka, D. A., Davitkov, P.
  2025; 169 (6): 1184-1231

- **AGA Clinical Practice Guideline on Management of Gastroparesis.** *Gastroenterology*
  Staller, K., Parkman, H. P., Greer, K. B., Leiman, D. A., Zhou, M. J., Singh, S., Camilleri, M., Altayar, O., AGA Clinical Guidelines Committee
  2025; 169 (5): 828-861

- **Management of Barrett's Esophagus in the Context of Achalasia.** *Current gastroenterology reports*
  Zhou, M. J., Clarke, J. O.
  2025; 27 (1): 54

- **Prevalence and predictors of Barrett's esophagus and esophageal cancer in patients with eosinophilic esophagitis.** *Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus*
  Zhou, M. J., Hsing, A. W., Clarke, J. O.
  2025; 38 (1)

- **Therapeutic Drug Monitoring in Patients with Ulcerative Colitis on Infliximab: A Cost-Effectiveness Analysis.** *Digestive diseases and sciences*
  Dupenloup, P., Zhou, M., Dizon, M. P., Shah, A. P., Goldhaber-Fiebert, J. D., Owens, D. K., Streett, S. E., Brandeau, M. L., Barber, G. E.
  2024

- **Global Prevalence of Subtypes of Gastric Intestinal Metaplasia: A Systematic Review and Meta-Analysis**
  Grell, Y., Mulder, D., Hahn, A., Huang, R., Zhou, M., Blake, B., Omofuma, O., Murphy, J., Gutierrez-Torres, D., Zauber, A. G., O'Mahony, J., Camargo, M., Ladabaum, et al
  LIPPINCOTT WILLIAMS & WILKINS.2024: S1667

- **Global Progression Rates of Precursor Lesions for Gastric Cancer: A Systematic Review and Meta-Analysis.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
  Hahn, A. I., Mülder, D. T., Huang, R. J., Zhou, M. J., Blake, B., Omofuma, O., Murphy, J. D., Gutiérrez-Torres, D. S., Zauber, A. G., O'Mahony, J. F., Camargo, M. C., Ladabaum, U., Yeh, et al
  2024

- **PREVALENCE AND PREDICTORS OF BARRETT'S ESOPHAGUS AND ESOPHAGEAL CANCER IN PATIENTS WITH EOSINOPHILIC ESOPHAGITIS: A NATIONAL CLAIMS DATABASE STUDY**
  Zhou, M., Clarke, J.
  MOSBY-ELSEVIER.2024: AB1054-AB1055

- **PREVALENCE AND PREDICTORS OF BARRETT'S ESOPHAGUS AND ESOPHAGEAL CANCER IN PATIENTS WITH EOSINOPHILIC ESOPHAGITIS: A NATIONAL CLAIMS DATABASE STUDY**
  Zhou, M., Clarke, J.
  MOSBY-ELSEVIER.2024: AB978-AB979

- **Prevalence of Gastric Precursor Lesions in Countries with Differential Gastric Cancer Burden: A Systematic Review & Meta-Analysis.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
  Mülder, D. T., Hahn, A. I., Huang, R. J., Zhou, M. J., Blake, B., Omofuma, O., Murphy, J. D., Gutiérrez-Torres, D. S., Zauber, A. G., O'Mahony, J. F., Camargo, M. C., Ladabaum, U., Yeh, et al
  2024

- **Development and Validation of a Machine Learning System to Identify Reflux Events in Esophageal 24-hour pH/Impedance Studies.** *Clinical and translational gastroenterology*
  Zhou, M. J., Zikos, T., Goel, K., Goel, K., Gu, A., Re, C., Rodriguez, D., Clarke, J. O., Garcia, P., Fernandez-Becker, N., Sonu, I., Kamal, A., Sinha, et al
  2023

- **Impact of race/ethnicity and socioeconomic status on incident and prevalent esophageal cancer in patients with Barrett's esophagus.** *Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus*
  Zhou, M. J., Ladabaum, U., Triadafilopoulos, G., Clarke, J. O.
  2023

- **Multicenter evaluation of recurrence in endoscopic submucosal dissection and endoscopic mucosal resection in the colon: A Western perspective.** *World journal of gastrointestinal endoscopy*

Wei, M. T., Zhou, M. J., Li, A. A., Ofosu, A., Hwang, J. H., Friedland, S.
2023; 15 (6): 458-468

- **Understanding the Principles of Electrosurgery for Endoscopic Surgery and Third Space Endoscopy.** *Gastrointestinal endoscopy clinics of North America*
  Li, A. A., Zhou, M. J., Hwang, J. H.
  2023; 33 (1): 29-40
- **Risk of Proximal Gastrointestinal Cancer after Positive Fecal Immunochemical Test.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
  Zhou, M. J., Singh, G., Hwang, J. H., Ladabaum, U.
  2022
- **Catching Up with the World: Pepsinogen Screening for Gastric Cancer in the United States.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
  Zhou, M. J., Huang, R. J.
  2022; 31 (7): 1257-1258
- **Low Subcutaneous Adiposity and Mortality in Esophageal Cancer** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
  Zhou, M. J., Tseng, L., Guo, X., Jin, Z., Bentley-Hibbert, S., Shen, S., Araujo, J. L., Spinelli, C. F., Altorki, N. K., Sonett, J. R., Neugut, A., Abrams, J. A.
  2021; 30 (1): 114-122
- **Type II Achalasia Is Increasing in Prevalence.** *Digestive diseases and sciences*
  Zhou, M. J., Kamal, A., Freedberg, D. E., Markowitz, D., Clarke, J. O., Jodorkovsky, D.
  2020
- **Symptoms and demographic factors associated with early-onset colorectal neoplasia among individuals undergoing diagnostic colonoscopy.** *European journal of gastroenterology & hepatology*
  Krigel, A., Zhou, M., Terry, M. B., Kastrinos, F., Lebwohl, B.
  2020; 32 (7): 821-826
- **Clinicopathologic Characteristics and Impact of Oophorectomy for Ovarian Metastases from Colorectal Cancer.** *The oncologist*
  Ursem, C., Zhou, M., Paciorek, A., Atreya, C. E., Ko, A. H., Venook, A., Zhang, L., Van Loon, K.
  2020; 25 (7): 564-571
- **Patient and Physician Factors Associated with Adenoma and Sessile Serrated Lesion Detection Rates.** *Digestive diseases and sciences*
  Zhou, M. J., Lebwohl, B., Krigel, A.
  2020
- **The local hospital milieu and healthcare-associated vancomycin-resistant enterococcus acquisition.** *The Journal of hospital infection*
  Zhou, M. J., Li, J., Salmasian, H., Zachariah, P., Yang, Y. X., Freedberg, D. E.
  2019; 101 (1): 69-75
- **Pathogen colonization of the gastrointestinal microbiome at intensive care unit admission and risk for subsequent death or infection.** *Intensive care medicine*
  Freedberg, D. E., Zhou, M. J., Cohen, M. E., Annavajhala, M. K., Khan, S., Moscoso, D. I., Brooks, C., Whittier, S., Chong, D. H., Uhlemann, A. C., Abrams, J. A.
  2018; 44 (8): 1203-1211
- **Squamous cell carcinoma of unknown primary of the head and neck: Favorable prognostic factors comparable to those in oropharyngeal cancer.** *Head & neck*
  Zhou, M. J., van Zante, A., Lazar, A. A., Groppo, E. R., Garsa, A. A., Ryan, W. R., El-Sayed, I. H., Eisele, D. W., Yom, S. S.
  2018; 40 (5): 904-916
- **Different outcomes for relapsed versus refractory neuroblastoma after therapy with (131)I-metaiodobenzylguanidine ((131)I-MIBG).** *European journal of cancer (Oxford, England : 1990)*
  Zhou, M. J., Doral, M. Y., DuBois, S. G., Villablanca, J. G., Yanik, G. A., Matthay, K. K.
  2015; 51 (16): 2465-72
- **A Drug Repositioning Approach Identifies Tricyclic Antidepressants as Inhibitors of Small Cell Lung Cancer and Other Neuroendocrine Tumors** *CANCER DISCOVERY*

Jahchan, N. S., Dudley, J. T., Mazur, P. K., Flores, N., Yang, D., Palmerton, A., Zmoos, A., Vaka, D., Tran, K. Q., Zhou, M., Krasinska, K., Riess, J. W., Neal, et al

2013; 3 (12): 1364-1377

- **Walking impairment questionnaire improves mortality risk prediction models in a high-risk cohort independent of peripheral arterial disease status.** *Circulation. Cardiovascular quality and outcomes*

  Nead, K. T., Zhou, M., Caceres, R. D., Olin, J. W., Cooke, J. P., Leeper, N. J.

  2013; 6 (3): 255-261

- **Usefulness of the Addition of Beta-2-Microglobulin, Cystatin C and C-Reactive Protein to an Established Risk Factors Model to Improve Mortality Risk Prediction in Patients Undergoing Coronary Angiography** *AMERICAN JOURNAL OF CARDIOLOGY*

  Nead, K. T., Zhou, M. J., Caceres, R. D., Sharp, S. J., Wehner, M. R., Olin, J. W., Cooke, J. P., Leeper, N. J.

  2013; 111 (6): 851-856

- **Exercise capacity is the strongest predictor of mortality in patients with peripheral arterial disease** *JOURNAL OF VASCULAR SURGERY*

  Leeper, N. J., Myers, J., Zhou, M., Nead, K. T., Syed, A., Kojima, Y., Caceres, R. D., Cooke, J. P.

  2013; 57 (3): 728-733

- **The Walking Impairment Questionnaire Predicts Total and Cardiovascular Mortality Independent of Peripheral Artery Disease Status**

  Nead, K. T., Zhou, M., Diaz-Caceres, R., Roberts, S. E., Lee, W. L., Phan, N. H., Roberts, S. C., Garcia, K., Chhor, B., Luong, D. N., Cooke, J. P., Leeper, N. J.

  LIPPINCOTT WILLIAMS & WILKINS.2012

- **Exercise capacity is the strongest predictor of mortality in patients with peripheral arterial disease**

  Zhou, M., Leeper, N. J., Nead, K. T., Syed, A., Abella, J., Kojima, Y., Panchal, S. N., Cooke, J. P., Myers, J.

  SAGE PUBLICATIONS LTD.2012: 204–5