Hello, our names are Elizabeth Apodaca, Jennifer Bland and Kathryn (Katie) Parker and we are the physician liaisons supporting Gastroenterology and Hepatology at Mayo Clinic (Arizona, Minnesota, and Florida). We are here to answer questions and to provide information that would be beneficial to you and your patients.

We have included the following information for your reference:

• Gastroenterology and Hepatology information about clinical procedures and the clinicians that provide each service.
• Pancreatic, esophageal, and gastrointestinal cancer information on our programs and approach to collaborative care.
• Gastroenterology research profiles & clinical trials
• Colon and Rectal information
• Pediatric Gastroenterology & Hepatology - Rochester, MN
• Mayo Clinic Health System Gastroenterology & Hepatology – LaCrosse and Eau Claire, WI
• CareLink referring portal, a secure web portal to electronically refer a patient and review patient records while under care at Mayo Clinic: www.carelink.mayoclinic.org

Please feel free to reach out to any one of us, we will be delighted to connect with you.

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Gastroenterology & Hepatology

Mayo Clinic Gastroenterology and Hepatology (GIH) is distinguished by its subspecialty care, breadth and depth of expertise, and unique patient services, highlights of which follow. For more detailed information, please visit MayoClinic.org.

Why choose Mayo Clinic?

• Multidisciplinary teams diagnose and treat more than 40,000 adult patients each year, including those with complex or rare conditions. The teams performed nearly 49,000 procedures in 2020.
• Mayo Clinic utilizes a colorectal multidisciplinary clinic, an integrated practice model between the GI Neoplasia Clinic, Medical Oncology and Colon and Rectal Surgery, to streamline patient care and allow patients to see providers in multiple subspecialties in one day.
• Other practice integration efforts between GIH and the Surgery, focusing on esophageal, pancreatic and liver disease groups, are aiming to improve patient access, decrease itinerary length and improve patient satisfaction.
• GIH has advanced in its use of artificial intelligence with endoscopic imaging and natural language processing, continuously improving patient care.
• Mayo Clinic is among the first medical centers to offer comprehensive evaluation and management of patients with heritable gastrointestinal and hepatological conditions with its Gastroenterology and Hepatology Genomics Program, which addresses:
  • Adult and pediatric inflammatory bowel disease
  • Adult and pediatric chronic liver disease of unknown cause
  • Early-onset colon cancer
  • Gastrointestinal motility disorders

New leadership

Darrell S. Pardi, M.D., was promoted to division chair in December 2020. Dr. Pardi has been a member of the Mayo Clinic staff since 1998. He is certified by the American Board of Internal Medicine in the subspecialty of gastroenterology and holds the academic rank of professor of medicine. Dr. Pardi specializes in Crohn’s disease, ulcerative colitis and C. difficile. During his time at Mayo Clinic, he has held many leadership roles, including vice chair of Gastroenterology, chair of the Mayo Clinic Destination Virtual Care Group, associate chair for education fellowships and senior associate dean of Medicine and Pediatrics.
Research highlights

- Individualized therapy for obesity based on obesity phenotype
- Measurement of proximal stomach volume to assess its role in functional dyspepsia
- Phase 1 study to assess feasibility and initial operating characteristics of a novel stomal occlusion device, which involves device placement into a mature Brooke ileostomy
- Phase 1 study of intra-arterial delivery of autologous adipose-derived mesenchymal stem cells for the treatment of medically refractory ulcerative colitis, focusing on patients planning to have a colectomy due to medically refractory disease

Endoscopic procedures:

- Balloon enteroscopy
- Barrett’s treatment, including radiofrequency ablation and cryotherapy
- Capsule endoscopy (outside reads also available)
- Colorectal cancer Screening
- Complex polypectomy
- Complex stricture management
- Diagnostic and therapeutic endoscopic ultrasound
- Endoscopic mucosal resection
- Endoscopic retrograde cholangiopancreatography (ERCP) in altered anatomy
- Endoscopic submucosal dissection (ESD)
- Endoscopic suture and closure
- ERCP with cholangioscopy and laser lithotripsy
- Esophageal and gastric varices intervention
- Fecal microbiota transplantation (FMT)
- Gastric antral vascular ectasia banding and cryotherapy
- Obesity interventions, including intragastric balloon and sleeve gastropasty
- Luminal stenting
- Percutaneous endoscopic gastrostomy/jejunostomy
- Peroral endoscopic myotomy (POEM)
- Volumetric laser endomicroscopy (VLE)
- Zenker’s diverticulum

GI motility procedures:

- 24-hour ambulatory combined impedance pH testing
- 48-hour wireless pH testing
- Breath tests: H.Pylori; Fructose; Lactose
- Endolumenal functional lumen imaging probe
- Fructose malabsorption breath test
- Gastric, small bowel manometry
- High-resolution esophageal and anorectal manometry
- Small bowel bacterial overgrowth breath test
- Wireless motility pH capsule

Liver procedures:

- Elastography
- Liver biopsy
- Liver transplantation

Staff and subspecialty clinics in Minnesota

- Darrell S. Pardi, M.D., chair, Gastroenterology and Hepatology
- Laura E. Raffals, M.D., vice chair, Gastroenterology and Hepatology

Comprehensive GIH physicians

- Andres J. Acosta, M.D., Ph.D.
- Glen L. Alexander, M.D.
- Amindra S. Arora, M.B., B.Chir.
- Victor G. Chedid, M.D.
- Nayantara Coelho-Prabhu, M.B.B.S.
- Jean C. Fox, M.D.
- Madhusudan (Madhu) Grover, M.B.B.S.
- Magnus Halland, M.D., Ph.D.
- Stephanie L. Hansel, M.D., M.S.
- Moira B. Hilscher, M.D.
- Amanda M. Johnson, M.D.
- Sahil Khanna, M.B.B.S., M.S., interest group director
- Robert E. Kraichely, M.D.
- Cadman L. Leggett, M.D.
- Conor G. Loftus, M.D.
- Shounak Majumder, M.D.
- Vandana Nehra, M.D.
- Amy S. Oxentenko, M.D.
- Konstantinos A. Papadakis, M.D.
- Darrell S. Pardi, M.D.
- Randall Pearson, M.D.
- David G. Prichard, M.D.
- Karthik Ravi, M.D.
• John A. Schaffner, M.D.
• Robert E. Sedlack, M.D., M.H.P.E.
• Seth R. Sweetser, M.D.
• Santhi Swaroop Vege, M.D.
• Xiao Jing (Iris) Wang, M.D.

Esophageal physicians
• Jeffrey A. Alexander, M.D., head of specialty clinic
• Amindra S. Arora, M.B., B.Chir., conference delegate
• Navtej (Nav) S. Buttar, M.D.
• Magnus Halland, M.D., Ph.D.
• Prasad G. Iyer, M.D., interest group director
• David A. Katzka, M.D.
• Cadman L. Leggett, M.D.
• Joseph A. Murray, M.D.
• Karthik Ravi, M.D.
• Kenneth K. Wang, M.D.
• Louis Wong Kee Song, M.D.

Esophageal nurse practitioners and physician assistants
• Sarel J. Myburgh, APRN, C.N.P., M.S.
• Andrea Wagner, APRN, C.N.P., M.S.

GI neoplasia physicians
• Glenn L. Alexander, M.D.
• Lisa A. Boardman, M.D.
• John B. Kisiel, M.D., Interest Group Director
• Mark V. Larson, M.D.
• Paul J. Limburg, M.D.
• Randall K. Pearson, M.D.
• Frank A. Sinicrope, M.D.
• Seth R. Sweetser, M.D.

GI neoplasia nurse practitioners and physician assistant
Sawra A. Maurer, P.A.-C.

Inflammatory bowel disease physicians
• David H. Bruining, M.D., Interest Group Director
• Nayantara Coelho-Prabhu, M.B.B.S.
• William A. Faubion, Jr., M.D.
• Sunanda V. Kane, M.D.
• John B. Kisiel, M.D.
• Edward V. Loftus, Jr., M.D.
• Konstantinos A. Papadakis, M.D.
• Darrell S. Pardi, M.D.
• Laura E. Raffals, M.D.
• Kenneth W. Schroeder, M.D., Ph.D.
• William J. Tremaine, M.D.

Inflammatory bowel disease nurse practitioners and physician assistants
• Abigail J. Meyers, P.A.-C.
• Shayla A. Schoenoff, P.A.-C.

Motility physicians
• Arthur Beyder, M.D., Ph.D., interest group director
• Adil E. Bharucha, M.B.B.S., M.D.
• Michael Camilleri, M.D.
• Jean C. Fox, M.D.
• Madhusudan (Madhu) Grover, M.B.B.S.
• Purna C. Kashyap, M.B.B.S., conference schedule delegate
• Robert Kraichely, M.D.
• David O. Prichard, M.B., B.Ch., Ph.D.
• Yuri A. Saito Loftus, M.D.
• Lawrence A. Szarka, M.D., head of specialty clinic

Pancreas physicians
• Vinay Chandrasekhar, M.D., head of specialty clinic and interest group director
• Ferga C. Gleeson, M.D.
• Michael J. Levy, M.D.
• Shounak Majumder, M.D.
• Randall K. Pearson, M.D.
• Bret T. Petersen, M.D.
• Santhi Swaroop Vege, M.D.

Pediatric GIH: Pediatric physicians with formal joint appointments in GIH
• Imad Absah, M.D.
• Mounif El-Youssef, M.D.
• William A. Faubion, Jr., M.D.
• Michelle M. Gonzalez, M.D.
• Rayna M. Grothe, M.D.
• Samar H. Ibrahim, M.B., Ch.B.
• Mhd Louai Manini, M.D.
• Dana B. Steien, M.D.
• Michael C. Stephens, M.D. chair, Pediatric Gastroenterology and interest group director

Pediatric GIH: Pediatric nurse practitioners and physician assistants with formal joint appointments in GIH
• Molissa M. Hager, APRN, C.N.P., M.S.
• Jody A. Weckwerth, P.A.-C. (Peds-GI inpatient)

Hepatobiliary (liver/transplant/hepatobiliary neoplasia) physicians
• Alina M. Allen, M.D.
• John E. Eaton, M.D.
• Gregory J. Gores, M.D.
• Moira B. Hilscher, M.D.
• Robert C. Huebert, M.D.
• Patrick S. Kamath, M.D.
• Nicholas F. LaRusso, M.D.
• Kostantinos N. Lazaridis, M.D.
• Michael D. Leise, M.D.
• Harmeen Malhi, M.B.B.S.
• John J. Poterucha, M.D., HB interest group director
• Sumera I. Ilyas, M.B.B.S.
• Lewis R. Roberts, M.B., Ch.B., Ph.D., head HB Neoplasia specialty clinic
• William Sanchez, M.D.
• Vijay Shah, M.D.
• Douglas (Doug) A. Simonetto, M.D.
• Jayant A. Talwalkar, M.D.
• Kymberly D. Watt, M.D., liver transplant director

Hepatobiliary (liver/transplant/hepatobiliary neoplasia) nurse practitioners and physician assistants
Andrea A. Gossard, APRN, C.N.P.

Appointment scheduling and follow-up communication
Mayo Clinic works directly with patients to schedule their appointments, and coordinates with their referring physician for follow-up regarding outcomes of their visits.

Referring provider portal
Use our referring provider portal to submit referral requests and view your patients’ Mayo Clinic medical records at the same time we do.

MayoClinic.org/medical-professionals

Insurance
Mayo Clinic has agreements with many insurance carriers, third-party administrators and employers. Patients should check with their insurance plans for specific coverage details before confirming an appointment with our scheduling office.

MayoClinic.org/insurance

Continuous professional development
Mayo Clinic School of Continuous Professional Development offers a unique learning experience for today’s health care professional. Educational activities enhance and enrich your medical knowledge and improve your service to the patient.

ce.mayo.edu

Clinical trials
Research is an integral part of Mayo Clinic. Mayo Clinic physicians are actively engaged in a wide range of novel clinical research, offering patients promising experimental agents and devices. Mayo Clinic investigators work together with the referring physician to optimize patient care.

mayo.edu/research/clinical-trials

Mayo Clinic Laboratories
Mayo Clinic Laboratories (MCL) is the global reference laboratory of Mayo Clinic. MCL provides highly specialized testing and pathology consultation across all medical subspecialties for patients around the world.

mayocliniclabs.com
Gastroenterology and Hepatology

Mayo Clinic in Arizona

Mayo Clinic Gastroenterology and Hepatology is readily distinguished by its subspecialty organization, breadth and depth of expertise, and many unique services for our patients, some of which are listed here.

PRACTICE UPDATES

Inflammatory Bowel Disease
Christina Y. Ha, M.D., joined the division as the director of the Inflammatory Bowel Disease Clinic. We look forward to Dr. Ha’s knowledge, passion and innovation leading our inflammatory bowel disease program through the next decade.

Motility Disorders
William L. Hasler, M.D., and Rosita (Rosie) D. Frazier, M.D., have joined the division to serve patients with complex motility disorders. Dr. Hasler has an interest in gastroparesis. Dr. Frazier joins us with a special interest in cyclic vomiting syndromes.

Therapeutic Endoscopy and Pancreas Diseases
Michelle A. Anderson, M.D., and Terry L. Jue, M.D., have joined the division to serve patients with complex interventional endoscopy needs as well as to assist with prevention and early identification of pancreas cancer.

Hepatology and Liver Transplant
As our liver transplant practice has grown to the largest program nationally, completing over 200 transplants in 2021, we are pleased to have Blanca C. Lizaola-Mayo, M.D., and Channa R. Jayasekera, M.D., join the division. In addition to their experience with transplant, Dr. Lizaola-Mayo has special expertise in complex NASH, and Dr. Jayasekera in liver cancers.

Consultative Gastroenterology
We are pleased to welcome back Mashal J. Batheja, M.D., who has been practicing within Veterans Affairs for 10 years since completing a Gastroenterology Fellowship and a Transplant Hepatology Fellowship at Mayo Clinic.

Jamie Bering, M.D., will be joining the division to focus on consultative gastroenterology and nutrition after she completes her fellowship this summer.

REFER A PATIENT

Jacksonville, Florida
800-634-1417

Scottsdale/Phoenix, Arizona
866-629-6362

Rochester, Minnesota
800-533-1564

mayoclinic.org/medical-professionals
Congratulations and Gratitude to Our New Emeritus Staff

We stand on the shoulders of giants and are honored to celebrate our new emeritus staff:

Russell I. Heigh, M.D., will retire in May 2022 after nearly 35 years of caring for patients, advancing science and educating healthcare professionals.

Amy E. Foxx-Orenstein, D.O., retired in February 2020 after nearly 20 years in service of practice, education and research.

Arthur D. Shiff, M.D., retired in July 2020 after nearly 50 years in medicine and 17 years at Mayo Clinic, where he is still educating medical students.

ENDOSCOPIC PROCEDURES INCLUDE:
- Argon plasma coagulation (APC)
- Balloon enteroscopy
- Barrett’s radiofrequency ablation and cryotherapy
- Capsule endoscopy (outside reads also available)
- Celiac plexus block and neurolysis
- Colorectal cancer screening and surveillance
- Complex polypectomy
- Complex stricture management
- Drainage of pancreatic fluid collections
- Endoscopic mucosal resection
- Endoscopic submucosal dissection (ESD)
- Endoscopic suture and closure
- Endoscopic ultrasound with fine-needle aspiration
- Enteral and esophageal stents
- ERCP in altered anatomy
- ERCP with cholangiscopy and laser lithotripsy
- Esophageal and gastric varices treatment
- Extracorporeal shock wave lithotripsy (ESWL)
- EUS-guided pancreaticobiliary access
- Fecal microbiota transplantation
- Hemorrhoid banding
- Obesity treatment (balloon and sleeve gastroplasty)
- Percutaneous endoscopic gastrostomy and jejunostomy
- Peroral endoscopic myotomy (POEM)
- Volumetric laser endomicroscopy (VLE)
- Watermelon stomach banding and cryotherapy
- Zenker’s diverticulum treatment

GASTROINTESTINAL (GI) MOTILITY PROCEDURES INCLUDE:
- 24-Hour ambulatory combined impedance pH testing
- 24-Hour laryngopharyngeal pH testing
- 48-Hour Bravo tubeless pH testing
- Bacterial overgrowth breath test
- Endoflip
- Fecal incontinence—Solesta injection
- Fructose malabsorption breath test
- Gastric, small bowel, colon transit scintigraphy
- Gastric, small bowel manometry
- Helicobacter pylori breath test
- High-resolution anorectal manometry
- High-resolution esophageal manometry
- Lactose malabsorption breath test
- Pelvic floor biofeedback
- Pelvic floor nurse counseling
- SmartPill capsule GI transit test

LIVER PROCEDURES INCLUDE:
- Elastography
- Liver biopsy
- Liver transplantation
Staff and Subspecialty Clinics in Arizona

Douglas O. Faigel, M.D.
Chair, Gastroenterology and Hepatology

Elizabeth J. Carey, M.D.
Vice Chair, Hepatology

Shabana F. Pasha, M.D.
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Cardiogastroenterology
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Small Bowel Disorders
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Therapeutic Endoscopy
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Learn more online at mayoclinic.org/
medical-professionals.
Mayo Clinic Children’s Center
For 150 years, Mayo Clinic has provided trusted answers for children and their parents. The Mayo Clinic Children’s Center is comprised of providers from over 40 medical and surgical specialties, all focused on your patients’ needs. Each year, our team provides care for more than 50,000 children and teens, applying everything we know to help you and your patient navigate the most common and complex situations. We are honored to be ranked in all of the US News & World Report pediatric specialty categories and are the highest ranked children’s hospital in Minnesota and across the region from Iowa, Wisconsin, and the Dakotas. Mayo Clinic in Rochester, MN, is a Level 1 Pediatric Trauma Center. For more information about referring a patient to the Mayo Clinic Children's Center, visit mayoclinic.org/medicalprofs.

Pediatric Gastroenterology and Hepatology

- Multidisciplinary care involving other pediatric medical and surgical subspecialties, radiology, and pathology
- Specialized inflammatory bowel disease clinic providing the latest advancements in the diagnosis and treatment of pediatric inflammatory bowel disease
- Esophageal clinic providing care for the primary esophageal diseases of eosinophilic esophagitis, gastroesophageal reflux disease and achalasia
- Celiac disease clinic
- Liver disease clinic focused on metabolic, infectious and congenital disease of the liver
- Endoscopy unit providing diagnostic and therapeutic procedures to the pediatric patient
- Support for the practicing pediatric provider to care for common gastrointestinal conditions such as constipation and gastroesophageal reflux
- Basic and translational research studies in pediatric inflammatory bowel disease, eosinophilic esophagitis, celiac disease and liver disease
**PHYSICIAN PROFILES**

**Imad Absah, MD**
**Medical School:** Damascus University, Faculty of Medicine, Damascus, Syria
**Residency:** Pediatrics, SUNY Upstate Medical University, Syracuse, NY
**Fellowship:** Pediatric Gastroenterology, Mayo School of Graduate Medical Education, Mayo Clinic, Rochester, MN

**Mark G. Bartlett, MD**
**Medical School:** University of Rochester School of Medicine Rochester, NY
**Residency:** Pediatrics, University of California at San Francisco, CA
**Fellowship:** Pediatric Gastroenterology, University of Minnesota, Minneapolis, MN

**Mounif El-Youssef, MD**
**Medical School:** Free University of Brussels
**Residency:** Pediatrics, The Cleveland Clinic Foundation, Cleveland, OH
**Fellowship:** Clinical Fellow, Harvard Medical School, Boston, MA

**William A. Faubion MD (not pictured)**
**Medical School:** University of Texas, Houston, TX
**Internship:** University of Texas, Houston, TX
**Residency:** Internal Medicine/Pediatrics, University of Texas, Houston, TX
**Fellowship:** Pediatric and Adult Gastroenterology, Mayo Graduate School of Medicine, Mayo Clinic, Rochester, MN

**Deborah K. Freese, MD**
**Medical School:** University of Michigan, Ann Arbor, MI
**Residency:** Pediatrics, University of Minnesota, Minneapolis, MN
**Fellowship:** Pediatric Gastroenterology, University of Minnesota, Minneapolis, MN

**Rayna M. Grothe, MD**
**Medical School:** School of Medicine, University of Missouri, Kansas City, MO
**Residency:** Pediatrics, Wilford Hall Medical Center, United States Air Force, Lackland AFB, TX
**Fellowship:** Pediatric Gastroenterology, University of Minnesota, Minneapolis, MN

**Samar H. Ibrahim, MBChB**
**Medical School:** Beirut Arab University, Beirut-Lebanon
**Residency:** Pediatrics, American University of Beirut Medical Center, Beirut-Lebanon
**Residency:** Pediatrics, Mayo School of Graduate Medical Education, Mayo Clinic, Rochester, MN
**Fellowship:** Pediatric Gastroenterology and Hepatology, Mayo School of Graduate Medical Education, Mayo Clinic, Rochester, MN
**Fellowship:** Advanced Pediatric Hepatology and Liver Transplant, Cincinnati Children’s Hospital, Cincinnati, OH

**Jeanne Tung, MD**
**Medical School:** SUNY Health Science Center at Syracuse, Syracuse, NY
**Residency:** Pediatrics, St. Christopher’s Hospital for Children, Philadelphia, PA
**Fellowship:** Gastroenterology and Hepatology, Mayo Graduate School of Medicine, Mayo Clinic, Rochester, MN

**NURSE PRACTITIONER PROFILES**

**Sharon M. Muller, RN, CNP (not pictured)**
**Specialty:** Pediatric Nurse Practitioner
**Degree, School:** Masters in Nursing, College of St. Catherine, St. Paul, MN

**Jody A. Weckwerth, PA-C, RD**
**Specialty:** Physician Assistant
**Degree, School:** University of Wisconsin - La Crosse/Gundersen Clinic/Mayo Clinic, La Crosse, WI
GASTROINTESTINAL CANCER

Mayo Clinic Cancer Center combines personalized cancer treatment with leading-edge research to provide a better approach to cancer prevention, treatment and supportive care. Mayo Clinic’s integrated practice brings together a multispecialty cancer care team including world-renowned, leading experts with clinical and scientific expertise including medical oncologists, radiation oncologists, surgical oncologists, gastrointestinal cancer surgeons, transplant surgeons and gastroenterologists. As a referring provider, you have the ability to refer and follow patients throughout their care by our specialized team.

GASTROINTESTINAL CANCER EXPERTISE

- Mayo Clinic’s model of care provides high-quality, compassionate care through a team approach and deep experience in preventing, diagnosing and treating gastrointestinal cancers as an integrated academic institution
- The Gastrointestinal Cancer Program is setting a comprehensive, strategic agenda to advance our understanding of GI cancers and transform research findings into best clinical practice

CURRENT RESEARCH AND FUTURE DIRECTIONS

- Novel treatments including non-invasive approaches for early detection of gastrointestinal malignancies
- Identifying and evaluating novel biomarkers for prognostic stratification and prediction of therapeutic outcomes
- Role of tumor microenvironment and the effects on microbiome in predicting treatment effects
- Developing individualized therapeutic approaches with novel molecularly targeted and immunotherapeutic strategies
- Maintaining and expanding an already robust Mayo Clinic cancer registry, which is one of the largest in the world, allowing for the collection of information relating to cancer diagnosis, treatment and relevant outcomes with the goal to accelerate discoveries and ultimately improve care for cancer patients
- Mayo Clinic’s GI Cancer Program is the only program in the U.S. to have two GI cancer SPORES with a focus on pancreas and hepatobiliary cancers respectively, a testimony to our cutting-edge science, collaborative approach and patient focused research

REFER A PATIENT

Jacksonville, Florida
800-634-1417

Phoenix/Scottsdale, Arizona
866-629-6362

Rochester, Minnesota
800-533-1564

Or visit MayoClinic.org/medical-professionals to refer a patient or access resources including clinical trials, CME, Grand Rounds, and scientific articles and videos.

mayoclinic.org/medical-professionals
GASTROINTESTINAL CANCERS TREATED
Mayo Clinic has one of the most comprehensive treatment options for GI cancer patients in the U.S. and the world. The program includes a focus on individualized treatment strategies aimed at optimizing innovation in care and improving outcomes.

BILIARY DUCT SYSTEM
- Mayo Clinic is a pioneer in liver transplantation as a treatment option for early stage hilar cholangiocarcinoma and is one of the few medical centers in the U.S. to offer liver transplant as a treatment option.
- Mayo Clinic offers treatment options with individualized strategies to optimize care including surgery, systemic therapy, photodynamic therapy and proton beam therapy.

COLON/RECTUM/ANUS
- Specialized Inherited Cancers Clinic focused on understanding the genetics of colorectal cancer provides comprehensive surveillance strategies, early detection and secondary prevention.
- Individualized surgical options including robotic surgery for rectal cancer, single incision laparoscopic surgery, transanal techniques (TEMS, TAMIS, TA), sacral nerve neuromodulation and Enhanced Recovery after Surgery© (ERAS) resulting in a shortened length of stay and increased satisfaction.
- An active HIPEC program with highly specialized and focused surgical specialists.
- One of the most innovative research initiatives in the U.S. focused on molecularly selected drug platforms for treating patients with advanced colorectal cancer (COLOMATE).

GASTRO-ENTERO-PANCREATIC NEUROENDOCRINE TUMORS (GEP-NETS)
- Peptide receptor radionuclide radiotherapy (Lutathera).
- Mayo Clinic is one of few centers in the world for liver transplantation as a treatment option for neuroendocrine cancer liver metastases.

LIVER CANCER
- Mayo Clinic has some of the most experienced transplant surgeons in the U.S. performing more than 300 liver transplants a year.
- Delivers one of the most comprehensive liver cancer treatment programs in the U.S. including locoregional approaches in treating early stage liver cancer with options varying from TACE, segmental radioembolization, TARE and more.

PANCREAS
- Mayo Clinic experts found that total neoadjuvant therapy individualized in a selective approach can extend life for advanced non-metastatic pancreatic cancer.
- Leading referral center for patients with early stage and advanced pancreatic ductal adenocarcinoma and has access to some of the most innovative research studies that are made available at all our geographic sites.

SMALL (BOWEL) INTESTINE
- Mayo Clinic offers treatment options with individualized strategies to optimize care including access to research focused on molecularly targeted and immunotherapy.

STOMACH AND ESOPHAGUS
- Endoscopic mucosal resection for very early stage lesions.
- Proton beam therapy and minimally invasive surgery for early stage disease.
- Research initiatives focused on immunotherapy approaches for all stages of this disease.

INSURANCE
Mayo Clinic has agreements with many insurance carriers, third-party administrators and employers. Patients should check with their insurance plan for specific coverage details before confirming an appointment with our scheduling office.
mayoclinic.org/insurance

CONTINUOUS PROFESSIONAL DEVELOPMENT
Mayo Clinic School of Continuous Professional Development offers a unique learning experience for today’s health care professional. Educational activities enhance and enrich your medical knowledge and improve your service to the patient.
ce.mayo.edu

CLINICAL TRIALS
Research is an integral part of Mayo Clinic. Mayo Clinic physicians are actively engaged in a wide range of novel clinical research, offering patients promising experimental agents and devices. Mayo Clinic investigators work together with you to optimize patient care.
www.mayo.edu/research/clinical-trials

MAYO CLINIC LABORATORIES
Mayo Clinic Laboratories (MCL) is the global reference laboratory of Mayo Clinic. MCL provides highly specialized testing and pathology consultation across all medical subspecialties for patients around the world.
mayocliniclabs.com
Colon and rectal surgeons at Mayo Clinic in Florida offer the latest in diagnostic and therapeutic services to patients who suffer from disorders of the colon, rectum and anus. Mayo Clinic’s integrated, multidisciplinary team of specialists enables colon and rectal surgeons to work closely with gastroenterologists to rule out diseases that have similar symptoms. In most cases, patients are diagnosed and treatment, including surgery, begins in three to four days.

Mayo Clinic colon and rectal surgeons are committed to providing timely appointment access and continuing communication with referring physicians to ensure continuity of care. Upon request, Mayo Clinic surgeons are available for telephone consultations with referring physicians to discuss specific patients. Referring physicians also receive summaries of diagnostic reports, treatments and follow-up care for their patients.

MINIMALLY INVASIVE PROCEDURES
We provide coordinated services for colorectal, small-intestine and anorectal disorders. For all of these disorders, we offer specialized minimally invasive techniques, including laparoscopic, robotic and transanal (TEM/TAMIS) modalities.

Our team has particular expertise in sphincter-sparing procedures for rectal cancers and ileal pouch anal anastomosis procedure for ulcerative colitis. These procedures and most others are done laparoscopically or robotically. The smaller incisions result in decreased bleeding, reduced hospital stays, shortened recovery time and better cosmesis for patients. Mayo colorectal surgeons have achieved national and international recognition for technical innovation in minimally invasive colorectal surgery.

We also offer specialized techniques for hemorrhoid management and fistula, decreasing patients’ pain and discomfort.

TEAM-BASED APPROACH
Mayo Clinic’s team approach makes it easy for us to coordinate multidisciplinary management of patients, including evaluations with Radiation Oncology and Medical Oncology for cancer treatment, with Gynecology for pelvic floor disorders and with Gastroenterology for inflammatory bowel disease. This allows us to provide your patients with the most comprehensive evaluations possible.
**MAYO CLINIC COLORECTAL SURGEONS HAVE EXPERTISE IN THE FOLLOWING TREATMENTS AND PROCEDURES:**

Robotic, laparoscopic, transanal, and open approaches available for most procedures below

**Colon and rectal cancer**
- Familial adenomatous polyposis (FAP)
- Hereditary colorectal cancer syndromes
- Locally recurrent rectal cancer
- Multidisciplinary care of complex pelvic tumors
- Presacral or retrorectal tumors or masses
- Sphincter-sparing surgery
- Synchronous resections for metastatic disease

**Crohn’s disease**
- Bowel resections
- Stomas
- Strictureplasty

**Ulcerative Colitis**
- Restorative proctocolectomy and ileal pouch procedures (IPAA) (J-pouch)
- Revisionary ileal pouch surgery

**Other benign conditions**
- Anal fissure
- Anal fistula
- Complex anorectal disease
- Botox injections
- Sphincterotomy
- Hemorrhoidectomy
- Perianal abscess
- Rectal prolapse
- Sigmoid diverticulitis

**COLON & RECTAL SURGERY**
- Four fellowship-trained colorectal surgeons
- Positive NSQIP quality outlier in outcomes
- Top ranked for quality of care and patient experience metrics
- One of the lowest infection rates in the country
- Nearly 1000 colorectal surgical procedures performed each year
- More than 400 colon cancer patients treated each year
- Average length of hospital stay for surgical patients: 2-3 days
- Colon and rectal research and education programs
- Outpatient colectomy

**REFERRAL INFORMATION**

Referral: 800-634-1417
Referral fax: 904-953-0575
mayoclinic.org/medical-professionals
Appointments: (904) 953-0775
Hospital Transfers 24/7: (904) 953-1111

For more information visit mayoclinic.org/medicalprofs
Our Gastroenterology and Hepatology team specializes in preventing, diagnosing and treating digestive tract and liver disorders. These disorders mainly include conditions involving the pancreas, bile ducts, liver, gallbladder, esophagus, stomach, small intestine and colon.

We believe treating patients with comprehensive and compassionate care, as opposed to treating only their diagnosis or disease. Our team is available to provide a first or second opinion for simple to complex conditions affecting your patients’ digestive tract and liver.

- **Patient-focused care:** Our team is guided by Mayo Clinic’s primary value: The needs of the patient come first. We place the needs of your patients above all else.

- **Advanced technology and imaging capabilities:** Your patients can rely on our team of experts to diagnosis and treat common or complex digestive disorders using the latest in therapeutic procedures; diagnostic endoscopic equipment; and minimally invasive techniques, including endoscopic retrograde cholangiopancreatography, endoscopic ultrasound, endoscopic mucosal resections, endoscopic submucosal dissection, full thickness resection, anorectal manometry, esophageal manometry, and esophagogastroduodenoscopy.

- **Hepatology capabilities:** We can manage a wide range of hepatology disorders and advanced liver disease, including metabolic and autoimmune liver diseases, primary sclerosing cholangitis, decompensated cirrhosis, hepatocellular carcinoma and viral hepatitis.

- **Team-based care:** Physicians, advanced-practice providers, nurse care coordinators and many others work collectively to develop a treatment plan for each patient. Patients are evaluated in a multidisciplinary fashion, involving the input from Interventional Radiology, Pathology, Oncology and General Surgery. You will be notified of your patients’ diagnosis and treatment plan so you can be ready to manage their health care after the procedure or treatment.

- **Patient above pay:** Our team uses a pay model for providers that allows them to focus on providing the highest-quality and least-invasive care for our patients. This means they are not incentivized for performing unnecessary tests or procedures. Our primary goal always will be focused on developing a medically necessary diagnostic and treatment plan to meet patients’ needs.

Our Gastroenterology and Hepatology team is committed to providing an unparalleled experience to referring physicians and their patients. We respect your ongoing relationships with your patients and value the opportunity to collaborate with you on their treatment plans.

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**GASTROENTEROLOGY AND HEPATOLOGY**

**TESTS AND PROCEDURES**

(varies by location)

**Advanced:**
- Antegrade and retrograde single balloon-assisted enteroscopy
- Chemoendoscopy
- Complex stricture management
- Endoscopic fistula/perforation closure
- Endoscopic retrograde cholangiopancreatography (ERCP)
  - Bile duct stones and strictures
  - Endoscopic treatment of chronic pancreatitis and pancreatic cancer
  - Biliary or pancreatic stenting
  - Mechanical and electrohydraulic lithotripsy (EHL)
  - Ampullectomy
  - Cholangioscopy
  - Pancreatobiliary endoscopy (Spyglass)
  - ERCP in altered post-surgical anatomy
  - Gallbladder drainage
  - Prior failed ERCP
- Endoscopic suturing
- Endoscopic ultrasound (EUS)
  - EUS guided biliary drainage
  - EUS celiac plexus neurolysis and block
  - EUS guided pancreatic fluid drainage
  - Direct endoscopic necrosectomy
  - Gastrointestinal cancer staging
  - Fine needle aspiration and biopsy
  - Subepithelial lesion evaluation
- Endoscopic mucosal resections (EMR)
- Endoscopic submucosal dissection (ESD), full thickness resection (FTRD)
- Esophageal, duodenal and colonic stenting
- Over the scope clips
- Zenker diverticulotomy

**Routine:**
- Capsule endoscopy
- Colonoscopy
- Esophageal and anorectal manometry
- Esophagogastroduodenoscopy
ADVANCED GASTROENTEROLOGY AND HEPATOLOGY LOCATIONS

Minnesota
Mankato

Wisconsin
Eau Claire
La Crosse

ROUTINE GASTROENTEROLOGY AND HEPATOLOGY LOCATIONS

Minnesota
Mankato
Red Wing

Wisconsin
Barron
Bloomer
Eau Claire
La Crosse
Osseo
Sparta

REFER A PATIENT

Referring Provider Portal
We have a secure online referral portal to help you refer patients to Mayo Clinic Health System and view their medical records at the same time we do.

🔍 carelink.mayoclinic.org

Referring Provider Services

🔍 mayoclinichealthsystem.org/referrals
📞 1-855-392-8400
📞 1-855-392-9335

ABOUT MAYO CLINIC HEALTH SYSTEM

Mayo Clinic Health System is the community-based practice of Mayo Clinic, one of the most recognized names in health care. Over 15,000 Mayo Clinic Health System physicians and staff bring Mayo Clinic knowledge and expertise to thousands of people close to where they live across Iowa, Minnesota and Wisconsin. The highest-level of specialty care is available at hospitals in Eau Claire and La Crosse, Wisconsin, and Mankato, Minnesota.

View credentials and clinical expertise of Gastroenterology and Hepatology providers at mayoclinichealthsystem.org.
Mayo Clinic is committed to providing outstanding service to referring physicians and their patients. We respect your relationships with your patients and value the opportunity to collaborate with you on their treatment plans.

**REFERRING A PATIENT**

**Request an appointment**
You can request an appointment through Mayo Clinic’s CareLink Portal, call in or fax in your request.

**Information needed for referral:**
- Patient name
- Date of birth
- Reason for referral (indication, diagnosis, etc.)
- Patient insurance

**Options for referral:**

**Mayo Clinic CareLink Portal**
Mayo Clinic CareLink provides a secure web-based platform to refer a patient and view the Mayo Clinic record.

**carelink.mayoclinic.org**
- Request appointments 24 hours a day,
- Upload relevant documents and images
- Review patient medical records and future appointments (with patient authorization on file)
- Receive referral summary packet in an electronic format, sent to the referring physician

**CALL**
- **Jacksonville, Florida**
  800-634-1417
- **Phoenix/Scottsdale, Arizona**
  866-629-6362
- **Rochester, Minnesota**
  800-533-1564

**FAX**
- **Jacksonville, Florida**
  904-953-0575
- **Phoenix/Scottsdale, Arizona**
  480-301-4071
- **Rochester, Minnesota**
  800-321-1368
WHILE YOUR PATIENT IS AT MAYO CLINIC

While your patient is being treated at Mayo Clinic you will have access to your patient’s medical records, test results and the ability to message the physician or care team through Mayo Clinic CareLink. Patient medical records will be viewable through CareLink beginning on the day of the patient's appointment, with patient authorization on file.

Once your patient is dismissed, results, notes and summary of care documents will continue to be available through CareLink.

HOSPITAL ADMISSIONS AND TRANSFERS

Experienced nursing staff is available 24/7 at Mayo Clinic hospitals to coordinate direct admission, emergency department evaluation or inpatient consultation for your patients.

ARIZONA
Admission and Transfer Center:
480-342-1155

FLORIDA
Admission and Transfer Center:
904-953-1111

MINNESOTA
Admission and Transfer Center:
507-255-2910

MEDICAL PROFESSIONAL RESOURCES
mayoclinic.org/medical-professionals

- Online services
- Physician directories
- Physician biographies including training and areas of specialization
- Patient referrals
- Patient transports
- Insurance coverage
- Patient follow-up
- Grand Rounds videos
- Medical and surgical department descriptions
- Physician newsletters
- Continuing medical education (CME)

ADDITIONAL RESOURCES

Medical services available at Mayo Clinic
mayoclinic.org/diseases-treatments

Clinical trials at Mayo Clinic
clinicaltrials.mayo.edu

Continuous Professional Development
ce.mayo.edu

Insurance
mayoclinic.org/insurance