Colon and Rectal Surgery Residency Program

Mayo Graduate School of Medicine

Mayo Clinic Rochester
Rochester, Minnesota
Colon and Rectal Surgery Residency Program

The one-year Colon and Rectal Surgery Residency Program at Mayo Clinic Rochester offers:

- A training curriculum that qualifies you for certification by the American Board of Colon and Rectal Surgery
- The opportunity to see and work with a wide variety of pathological conditions
- A rotation schedule that includes experience in endoscopy, anorectal diseases and colon diseases
- A one-week course about pelvic and anorectal anatomy using cadaver dissection
- The option for an additional year of basic research experience
- The opportunity to work in a group practice featuring close collaboration with other medical specialties

Mayo Clinic’s favorable faculty ratio, large patient population and state-of-the-art diagnostic, therapeutic and research facilities combine to create a truly integrated educational experience. The ‘Mayo Clinic way’ of graduate medical education ensures you will have the finest teaching and the broadest patient care experience possible during a busy, hands-on training program.
Training at Mayo Clinic

Mayo Clinic has a long-standing tradition of practicing both the art and science of medicine. As one of the country’s largest and best-known private group practices of academic medicine, Mayo Clinic was founded on the belief that physicians need to work together, teach and learn from others, and conduct research to provide sustained, excellent patient care.

Physicians, scientists, residents, students, nurses and allied health staff members work as a team at Mayo Clinic. Our staff clinicians and scientists are called consultants in recognition of their teaching and mentoring role in the team.

Mayo Clinic teamwork spans many locations

In Jacksonville, Florida
Mayo Clinic Jacksonville
St. Luke’s Hospital

In Rochester, Minnesota
Mayo Clinic Rochester
Saint Marys Hospital
Rochester Methodist Hospital
Charter House

In Scottsdale, Arizona
Mayo Clinic Scottsdale
Mayo Clinic Hospital

Mayo Health System
Program Description

Clinical Training
During Mayo Clinic’s Colon and Rectal Surgery Residency Program, you will work closely with Mayo Clinic’s seven colon and rectal surgeons. You will participate in preoperative patient evaluations, operative procedures and postoperative care. You will spend every other day in the operating room, gaining experience in surgical management of colon and rectal disease.

On nonoperative days, you will gain extensive experience in flexible sigmoidoscopies and colonoscopies and will learn the techniques for anorectal manometry. During the last six months of your residency, you also will see and evaluate patients independently.

Your residency will include training with Mayo Clinic stomal nurses. You will learn how to care for stomas and deal with stomal complications.

Off-Campus Rotation
You may visit St. Mark’s Hospital in London, England, for one week to observe surgery at this famous proctologic institution. A scholarship has been created to help cover the cost of this rotation.

Didactic Training
Clinical conferences, seminars, journal clubs and one-on-one instruction are all an integral part of Mayo
Clinic’s Colon and Rectal Surgery Residency Program. You will participate in:

• A weekly seminar series that is sponsored by the Section of Colon and Rectal Surgery and presented by residents or faculty members
• A one-week course in pelvic and anorectal anatomy using cadaver dissection
• A weekly seminar series sponsored by the Division of Gastroenterology
• A weekly seminar series in surgery that is sponsored by the Department of General Surgery and attended by residents and faculty members
• A visiting faculty program that features outstanding surgeons from other institutions
• An extensive schedule of optional didactic conferences in many surgical and medical subspecialties and basic sciences

**Teaching Opportunities**

You will have the opportunity to teach Mayo Medical School students and visiting students from other medical schools through bedside instruction and formal didactic lectures.

**Cardiac Life Support Certification**

Certification in Basic Cardiac Life Support and Advanced Cardiac Life Support (ACLS) is required for all Mayo Clinic residents and fellows. ACLS courses are held during the last week of June, just before the start of the academic year. The ACLS course also is offered evenings every three months during the year to facilitate recertification.
Research Training

Your opportunities in both clinical and basic research are outstanding. You will be encouraged to pursue a project of personal interest, to write a report suitable for publication, and to present the report at the annual meeting of the American Society of Colon and Rectal Surgeons.

If you would like to enhance your research training, an optional one-year extension is available. You should state your interest in this research extension when you apply for the residency. For more information about the additional year, contact the Colon and Rectal Surgery Residency Program secretary, Mayo Clinic, Rochester, Minn.

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**Bench to bedside**

Mayo Clinic is committed to basic and clinical research that leads to better patient care.

**Mayo Clinic’s hallmark is teamwork —**

- Among basic and clinical investigators
- Among investigators and clinical practitioners
- Across Mayo Clinic sites
- Between Mayo Clinic and other institutions

**Mayo Clinic people in research —**

- 250+ full-time physicians and scientists
- 400+ associates and fellows
- 1300+ administrative and allied health staff

**Research funding sources —**

- Extramural funds = $130 million+
- Mayo Clinic funds/other revenue = $110 million+
General Program Information

Patient and Service Mix

As a regional medical center for the Midwest, Mayo Clinic Rochester registers more than 320,000 patients each year. Eighty percent of the clinic’s patients are self-referred and come from within a day’s drive. Although Mayo Clinic has a reputation for successfully handling the most obscure and difficult medical problems for people from around the world, common medical concerns are actually the norm. This allows you to see and treat an exceptional variety of illnesses during your clinical training.

Each year, Mayo Clinic’s Colon and Rectal Section performs approximately:

- 750 colonoscopies with polypectomy
- 900 colon resections (with approximately 100 ileoanal procedures for ulcerative colitis or familial polyposis)
- 450 anal operations
- 20,000 sigmoidoscopic examinations

Call Frequency

Your call schedule will vary by individual rotation. There is no in-house call. On average you will be responsible for 5 to 10 hospitalized patients and will be reached by pager. Usually, there are no clinical responsibilities on alternating weekends.
Evaluation

To ensure that you acquire adequate knowledge and develop your technical skills, your performance will be monitored carefully during the course of your colon and rectal surgery residency. You will be evaluated formally by your supervising faculty member after each clinical rotation. In addition, you will regularly evaluate the faculty to ensure that your educational needs are being met.

Graduate Outcomes

The most important sign of the success of any training program is how its graduates fare after they begin their careers. Since 1986, all of Mayo Clinic’s colon and rectal surgery graduates have successfully passed their exams. Our recent graduates practice in 18 states and six foreign countries.
In addition to caring for patients in their clinical practices, Mayo Clinic’s faculty members are committed to teaching and facilitating the growth of medical knowledge. Many of our faculty have published and lectured extensively and are well-regarded in their field. You will have direct access to these individuals throughout your training program.

Many prominent professors visit Mayo Clinic each year. They present their work during noon and/or morning lectures and participate in hospital rounds. You will be encouraged to take full advantage of these opportunities.

The Mayo Clinic campus in Rochester, Minnesota, includes two hospitals with more than 1800 beds, a Level One Trauma Center, a comprehensive outpatient medical complex, a variety of research facilities, and several full-service laboratories and on-site pharmacies. More than 1000 staff physicians represent virtually all clinical specialties.

Mayo Clinic has four operating rooms assigned to the colon and rectal department, and an endoscopy suite that features four flexible sigmoidoscopy examination rooms and two colonoscopy rooms.
Libraries

Mayo Clinic’s library system in Rochester has one of the largest medical collections in the world – more than 4,300 journal subscriptions, nearly 353,000 bound volumes, and several medical databases and search engines. The main library provides study space, computers, microfilm readers and reader-printers, translations, duplicating machines, and book ordering and audiovisual services.

Reference librarians can arrange interlibrary loans, perform literature searches, and teach you how to use the computer database services that link Mayo Clinic to a global network of scientific information. More than 625 clinical conferences are preserved on videotape each year. You can view these tapes at the library or check them out for use at home.

Branch libraries include a health-related sciences library, two hospital libraries and the Learning Resource Center (LRC). The LRC, devoted mainly to the Mayo Medical School curriculum, offers special collections emphasizing women’s issues in medicine and health, medical education, and ethics.

Computer Services

Macintosh and IBM personal computers and software are available for residents and fellows to use. In addition, Mayo Clinic’s Microcomputer Education Center provides training in the use of computers for word processing, data collection and data analysis.
Telecommunications System

Mayo’s clinics in Rochester, Scottsdale and Jacksonville are linked via a sophisticated satellite telecommunications system. This technology provides video teleconferencing and data transmission. Staff in Rochester, Scottsdale and Jacksonville can have live, interactive consultations with physicians and their patients at the other sites via TV monitors. In addition, X-rays, laboratory test results, CT scans, ECG tests, angiograms and pathology slides can be transmitted between sites.

An advanced telecommunications system is the foundation for Mayo Clinic’s unique five-digit telephone dialing and pager system. Physicians can be easily accessed for consultations or updates, strengthening the teamwork among consultants, fellows, residents and allied healthcare staff at all three practice sites.

Compensation and Benefits

Vacation and Trip Policy

You may take up to 15 working days (three weeks) each year for vacation.

You are encouraged to present your research at regional and national meetings. If you are selected to make a presentation, Mayo Clinic will pay the authorized expenses for you to attend that meeting (within the United States).
Stipends and Other Benefits

Mayo Clinic has highly competitive stipends and a benefits package that includes:

- A comprehensive medical care plan
- Short-term disability insurance
- Voluntary basic life insurance, disability insurance, and family life insurance
- Voluntary additional life insurance
- Voluntary accidental death and dismemberment insurance
- A dental assistance plan
- Excess personal liability insurance
- Professional liability coverage

Additional information about stipends and benefits will be provided during personal interviews.

The Rochester Community

Home of the original Mayo Clinic and an array of successful technology-based companies, Rochester, Minnesota, welcomes thousands of visitors from around the world each year. Rochester, population 80,000, provides all the benefits of small town living while offering amenities associated with larger cities.

If you’re interested in the fine arts, you’ll find an active network of enthusiasts who support a symphony orchestra and chorale, four theaters, a community art center, and several choruses and bands.
Rochester offers excellent sports and physical fitness facilities. Within the city limits are six golf courses; tennis and health clubs; an extensive network of walking, biking and in-line skating trails; nearly 2,000 acres of city parks; and a community recreation center. Several state parks are nearby, and it’s a very short drive to fishing, hunting, hiking, camping, boating, skiing or skating.

The Twin Cities of Minneapolis and St. Paul are only 80 miles north of Rochester. Among many attractions are the nationally famous Guthrie Theatre, the Minnesota Orchestra, the St. Paul Chamber Orchestra and the Walker Art Center. Both professional and collegiate baseball, football and basketball teams are based there. The Twin Cities also have world-class shopping and restaurants, including the Mall of America.

Good, moderately priced housing is relatively easy to find in Rochester. The public school system is one of the best in the state. Rochester has been selected as “one of the best places to live” in the U.S. by Money magazine for several consecutive years.

Close proximity between Mayo Clinic and home facilitates time with family and makes call from home quite manageable.

**Appointments and Applications**

There are three positions available in Mayo Clinic’s Colon and Rectal Surgery Residency Program each year on a competitive basis. Qualified applicants must have completed a general surgery residency program at an accredited institution.
To apply to Mayo Clinic’s Colon and Rectal Surgery Residency Program, you need to submit:

- A completed Mayo Graduate School of Medicine application form
- Official college, graduate school and medical school transcripts
- An official record of board scores (NBME, FLEX, USMLE, LMCC, VQE or FMGEMS)
- A dean’s letter and two other letters of recommendation
- A curriculum vitae
- A personal statement
- A valid ECFMG certificate (if you graduated from medical school outside of the U.S. or Canada)

Applications for each academic year, which begins in June, should be completed by August of the previous year. If you are considered for an appointment, you will be asked to visit Mayo Clinic Rochester for an interview with the program director and selected faculty. Interviews are conducted from August through October each year.
Inquiries

If you would like an application form or more information, please contact:

    Richard Devine, M.D.
    Director, Colon and Rectal Surgery Residency Program
    Mayo Graduate School of Medicine
    200 First Street S.W.
    Rochester, MN 55905
    507-284-5366

For more information about the Mayo Graduate School of Medicine, please visit our Web site at http://www.mayo.edu/mgsm/gsm.htm

If you would like to discuss the Colon and Rectal Surgery Residency Program with Mayo Clinic alumni living in your area, please write to us for a list of their names.

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