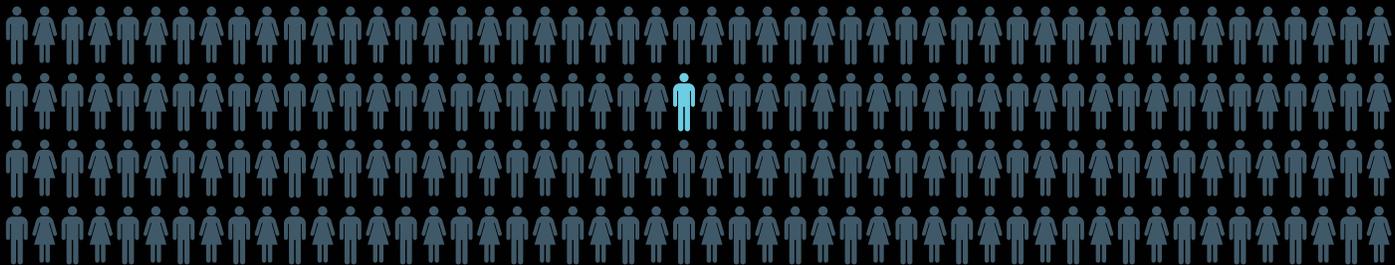


Cleveland Clinic has an international reputation for excellence in treating inflammatory bowel disease (IBD). Here we take a look at why IBD expertise is critical to patients and at our volumes and outcomes.

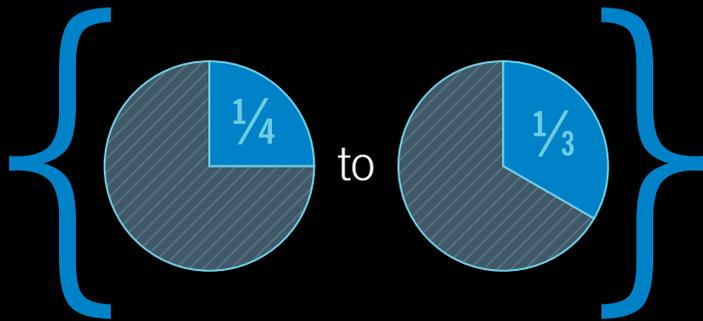
1 in 200 PEOPLE IN U.S. AFFECTED BY CROHN'S AND ULCERATIVE COLITIS



Number of genes identified to date associated with IBD. Researchers at Cleveland Clinic co-authored the paper in which the first gene associated with Crohn's disease (NOD2) was identified.

163

ABOUT 35-40% of Crohn's disease patients may require a reoperation every five years because of the disease's recurrent and complex pathology.



OF PATIENTS WITH ULCERATIVE COLITIS MAY NEED SURGERY IN THEIR LIFETIME.

SMALLER IS BETTER

Cleveland Clinic surgeons performed the world's first series of laparoscopic J-pouches in 1991 and performed the world's first single-incision colectomy in 2008 and proctocolectomy in 2009, using an incision the size of a silver dollar (2-3 cm). Prior to these major innovations, treatment with conventional colon resections required a footlong or larger incision. Even today, many surgeons continue to perform these operations through larger incisions than the ones routinely created by our surgeons. Smaller incisions equal quicker recovery, less scarring and better outcomes.

Leading the world in volumes

- Most operations for Crohn's disease, especially bowel-conserving strictureplasty
- Highest volume of J-pouch surgeries
- Cleveland Clinic's Pouchitis Clinic is the world's first and largest for treating pouchitis and other pouch-associated disorders.

Cleveland Clinic doctors have developed a battery of novel endoscopic procedures to treat IBD and colorectal surgery-associated complications, such as needle knife therapy for refractory bowel stricture and needle knife sinusotomy.

Together Cleveland Clinic and Cleveland Clinic Florida train more colorectal residents than does any other program in North America.

VOLUME HIGHLIGHTS

Crohn's disease surgical cases 2011	228
Ulcerative colitis surgical cases 2011	285
Number of IPAA surgeries 2011	48
Total visits for CD and UC at Cleveland Clinic Florida 2011	385

Operative success rate **95 percent** for ulcerative colitis (UC) for initial pouches. Overall, our reoperative success rate is **85 percent** for redo pouches or pouch revision surgery.

60%

Cleveland Clinic's Pouchitis Clinic is home to about 60 percent of the pouchitis research and other pouch-associated research conducted in the United States.

RECENT BREAKTHROUGH

{Using supercharcoal helps treat pouchitis by absorbing bacterial toxins rather than destroying the bacteria.}

Recent publications from Cleveland Clinic researchers encompass a variety of topics, such as:

- Risk factors for kidney stones in patients with ileal pouches
- Osteoporosis screening in IBD patients
- The effect of liver transplantation in IBD patients with primary sclerosing cholangitis
- Cancer risk in patients with IBD and primary sclerosing cholangitis
- Optimal dosing of infliximab for IBD patients
- The effect of nutritional supplementation in Crohn's disease patients
- Therapeutic implications of the molecular pathways underlying IBD-associated cancers
- Fecal lactoferrin for the diagnosis of pouchitis

An ever-increasing percentage of IBD surgeries are performed using minimally invasive and robotic techniques at both Cleveland Clinic main campus and Cleveland Clinic Florida.



Same day appointments are available. For more information, please call 216.444.7000.