To promote quality improvement, Cleveland Clinic Florida has created a series of Outcomes books similar to this one for many of its departments. Designed for a physician audience, the Outcomes books contain a summary of our surgical and medical trends and approaches, data on patient volumes and outcomes, and a review of new technologies and innovations.

Although we are unable to report all outcomes for all treatments provided at Cleveland Clinic Florida — omission of outcomes for a particular treatment does not necessarily mean we do not offer that treatment — our goal is to increase outcomes reporting each year. When outcomes for a specific treatment are unavailable, we often report process measures associated with improved outcomes. When process measures are unavailable, we may report volume measures; a volume/outcome relationship has been demonstrated for many treatments, particularly those involving surgical techniques.

In addition to our internal efforts to measure clinical quality, Cleveland Clinic Florida supports transparent public reporting of healthcare quality data and participates in the following public reporting initiatives:

• Joint Commission Performance Measurement Initiative (qualitycheck.org)
• Centers for Medicare & Medicaid (CMS) Hospital Compare (hospitalcompare.hhs.gov)
• Agency for Healthcare Administration (ahca.myflorida.com)
• Centers for Disease Control and Prevention (cdc.gov)

Our commitment to providing accurate, timely information about patient care also will help patients and referring physicians make informed healthcare decisions.

We hope you find these data valuable. To view all our Outcomes books, please visit our website at clevelandclinicflorida.org.
Dear Colleague:

On behalf of Cleveland Clinic Florida, I am proud to present our 2010 Outcomes books. Each book is compiled by area of specialty to demonstrate our commitment to accountability, transparency and most of all, to outstanding patient care.

These books are designed to help you and your patients make informed decisions about treatments and referrals. We consider it a privilege to work in partnership with you to care for your patients, and we continuously challenge ourselves to improve and to achieve excellent outcomes on their behalf.

Each publication includes outcomes, volumes and other data, along with recent innovations and publications.

We hope you find the content informative.

Sincerely,

Bernie Fernandez, MD
Chief Executive Officer
Cleveland Clinic Florida
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Chairman’s Letter

Thank you for your interest in the Cleveland Clinic Florida Department of Colorectal Surgery 2010 Outcomes. We are pleased to share our clinical outcomes and innovations with referring physicians, alumni, potential patients and other individuals around the country who are interested in the various types of digestive diseases we treat.

The Department of Colorectal Surgery is the epitome of growth. The department is internationally renowned for patient care, research and education, teaching, and training.

Our hospital has become a destination for both healthcare providers and patients from around the world. In fact, a large percentage of the patients seeking surgery in the Department of Colorectal Surgery live outside of the five-county area of Monroe, Miami-Dade, Broward, Palm Beach, and Martin Counties. Patients are routinely referred to us from throughout Florida as well as from elsewhere in the Southeastern United States and the Caribbean. In addition, patients from the Midwest, Northeast, South America, Europe and the Middle East frequently seek care with us. A substantial number of patients present to us for reoperative surgery and/or for the surgical treatment of postoperative complications.

During the last 23 years, hundreds of medical students, residents, and fellows have furthered their education in the evaluation and management of colorectal diseases, and helped us conduct clinical trials at our hospital. They have helped us to continually improve and expedite methods of diagnosis, reduce the adverse side effects of treatment, improve the curability of our therapeutic modalities, reduce recurrence rates, and improve the quality of life of our patients.
None of the accomplishments in this department would have been possible without the participation of our patients who allow us to meet their healthcare needs. We could not have treated these patients had our colleagues from communities throughout the world not relied on us as a referral resource for these problems. Furthermore, we would have been unable to become one of the world’s leading centers of colorectal surgery without the altruism and philanthropy of our donors. We wish to express our sincerest appreciation to our patient, friend, and corporate donors who have helped us improve outcomes in colorectal surgery throughout the world.

I hope you find this edition of the Department of Colorectal Surgery Outcomes useful as both a reference, as well as a testimony to our commitment to continuously raise the standards of our patient-centered care.

Sincerely,

Steven D. Wexner, MD, FACS, FRCS, FRCSEd
Chief Academic Officer Chairman
As the largest colorectal surgery center in Florida, the Department of Colorectal Surgery diagnoses and treats a broad array of diseases affecting the colon, rectum and anus. Our staff has pioneered improvements in patient care for rectal cancer, ulcerative colitis, familial adenomatous polyposis Crohn’s disease, fecal incontinence, and hemorrhoids. In addition, we have developed or helped to develop numerous techniques including the stimulated graciloplasty, sacral nerve stimulation, artificial bowel sphincter, adhesion barriers, stapled treatment of prolapsing internal hemorrhoids, reconstruction with colonic J-pouch following rectal cancer removal, and laparoscopic management of colorectal disorders.

Laparoscopic Colorectal Surgery

Laparoscopy has significant proven benefits for the treatment of a wide array of benign and malignant disorders. Our surgeons were among the first in the world to gain international acclaim for their expertise in laparoscopic colorectal surgery. In fact, our staff has performed laparoscopic colorectal surgery procedures for cancer and other disorders of the colon and rectum longer than the faculty of virtually any other training program in North America, and the number of laparoscopic procedures performed annually continues to rise.

National Recognition

The department is world-renowned in achieving excellent outcomes and for the use of innovative and state-of-the-art treatments for colorectal conditions. In 2010, Cleveland Clinic Florida was ranked 17th by U.S. News & World Report in the specialty of gastroenterology, which includes a survey of colorectal surgeons and a consideration of volume and survival rate for patients receiving colorectal surgery.

Largest Residency-Training Program

The department is led by Steven D. Wexner, MD, who is currently both President of the American Board of Colon and Rectal Surgery (ABCRS) and President of the American Society of Colon and Rectal Surgeons (ASCRS).
In addition, Eric G. Weiss, MD, Director of the Colorectal Surgery Residency Program serves as the national chairman of the Residency Review Committee in Colon and Rectal Surgery.

The department has the largest colorectal residency-training program in North America, with graduates currently practicing in over 20 states including numerous major academic centers such as Johns Hopkins, Duke, Emory, University of California San Diego, and the University of Illinois. Many of our alumni are department chairs, section heads, and program directors.

**International Colorectal Disease Symposium**

Annually, the Department of Colorectal Surgery hosts an International Colorectal Disease Symposium. Attendance at the conference has steadily grown, with more than 600 healthcare providers having attended each of the last three years.

In 2012, we are looking forward to leading the 23rd Annual International Colorectal Disease Symposium in conjunction with the 33rd Annual Turnbull Symposium. A live surgery day, the symposium will include a transanal endoscopic microsurgery hands-on workshop, a sacral nerve stimulator workshop, and a day of scientific paper/poster presentations. The meeting will take place throughout five comprehensive days, three of which will include over 80 podium presentations and over 10 hours of interactive panel discussions with questions and answers. The course will provide the most current detailed and in-depth analysis of the current status of colon and rectal surgery, including an evaluation of new technologies, new and emerging techniques, data based upon peer review and meta-analysis, as well as randomized controlled trials.

**Accomplishments**

Our staff has over 30 provisional patents, and six utility, design or global patents. Three of our innovative products have been commercialized and three are being prepared for commercialization.
Quality and Outcome Measures

**Colorectal Surgery Case Volume**
**2004 – 2010**

**Laparoscopic Surgery Case Volume**
**2004 – 2010**
In 2010, Cleveland Clinic Florida was ranked 17th by *U.S. News & World Report* in the specialty of gastroenterology, which includes a survey of colorectal surgeons and a consideration of volume and survival rate for patients receiving colorectal surgery.
We ask our patients about their experiences and satisfaction with the services provided by our staff. Although our patients are already indicating we provide excellent care, we are committed to continuous improvement.

Below are the most recent results of the feedback that our patients have given to our department.

**Overall Rating of Outpatient Care and Services During Outpatient Visit (N = 283)**

2010

![Graph showing Overall Rating of Outpatient Care and Services During Outpatient Visit](image)

Source: Press Ganey, a national hospital survey vendor
Rating of Outpatient Care Provider (N = 283) 2010

Source: Press Ganey, a national hospital survey vendor

Likelihood of Recommending Outpatient Care Provider (N = 285) 2010

Source: Press Ganey, a national hospital survey vendor
Inpatient

With the support of the Centers for Medicare & Medicaid Services (CMS) and its partner organizations, the first national standard patient experience hospital survey (HCAHPS) was implemented in late 2006. Results collected for reporting are available at hospitalcompare.hhs.gov.

HCAHPS Overall Assessment (N = 1750)
2010

Source: Press Ganey, a national hospital survey vendor

HCAHPS Domains of Care (N = 1750)
2010

Source: Press Ganey, a national hospital survey vendor
Cleveland Clinic Florida colorectal surgeons are highly trained and have trained others in the latest techniques to treat the full spectrum of colorectal conditions. Below are some of our innovations and treatments we provide:

At the Forefront of J-Pouch Procedures

Cleveland Clinic Florida was the first in the United States to perform and publish on the double stapled J-pouch procedure, which has become the worldwide standard of care. We were also the first to perform and publish on the minimally-invasive laparoscopic J-pouch procedure, a technique that has become widely adopted throughout the world.

We were the first in the United States to popularize and publish on the colonic J-pouch procedure, now a standard of care internationally. Additionally, we were the first to describe and publish on the use of the perineral J-pouch as part of the perineal rectosigmoidectomy for rectal prolapse.

Innovative Treatments for Fecal Incontinence

We perform the largest series of artificial bowel sphincters for fecal incontinence in the United States. Our highly-trained surgeons are also the country’s leaders in stimulated graciloplasty for fecal incontinence. In addition, we have completed the largest published experience of sacral nerve stimulation for fecal incontinence in the United States.

Additional “Firsts”

- First in the world to describe hydrogen peroxide with anal ultrasound to delineate anal fistula tracts.
- Created the most widely used incontinence scoring and constipation scoring systems used anywhere in the world.
- First in the world to describe the now universally used terms of “reactive” and “preemptive” conversion for laparoscopy.
- First to perform and publish totally laparoscopic restorative proctectomy with transanal specimen extraction and anastomosis.
Clinical Trials

Steven D. Wexner, MD
InterStim® Sacral Nerve Stimulation Therapy for Bowel Control

Steven D. Wexner, MD
Total Anorectal Reconstruction with The American Medical Systems, Inc.
Acticon Neosphincter Prosthesis After Abdominoperineal Resection

Steven D. Wexner, MD
Therapeutic/Diagnostic Protocol Efficacy of Bioabsorbable Staple Line Reinforcement in Colorectal and Coloanal Anastomoses: A Prospective Randomized Study

Steven D. Wexner, MD
Genomic Imprinting and Colorectal Cancer

Steven D. Wexner, MD
A Phase III Prospective Randomized Trial Comparing Laparoscopic-assisted Resection Versus Open Resection for Rectal Cancer

Steven D. Wexner, MD
A Prospective, Multi-center, Randomized, Controlled, Third Party-Blinded Study of Strattice Fascial Inlay to Prevent Parastomal Hernia Formation in Patients Undergoing Surgery for Permanent Abdominal Wall Ostomies (PriSm)

Eric G. Weiss, MD
A Multi-Center, Prospective, Non-Randomized Study of the Renew [R] Insert Efficacy [E], Safety [S] and Tolerability [T] for the Management of Accidental Bowel Leakage Due to Bowel Incontinence [Renew REST]

Dana Sands, MD
Novel Approach to the Serologic Diagnosis of Colorectal Diseases
Steven D. Wexner, MD
Laparoscopic Rectal Prolapse Surgery: An International Double Cohort Study to Compare Laparoscopic Ventral Rectopexy with Laparoscopic Resection Rectopexy

Dana Sands, MD
An Investigation of the Treatment of Fecal Incontinence using the TOPAS Sling System For Women (TRANSFORM)

David Maron, MD
A Phase II, Double-Blind, Placebo-Controlled, Dose Finding Study to Evaluate the Safety and Efficacy of Ipamorelin Compared to Placebo for the Recovery of Gastrointestinal Function in Patients Following Small or Large Bowel Resection with Primary Anastomosis

Giovanna DaSilva, MD
A Phase III, Randomized, Double-Blind, Placebo-Controlled, Parallel-Treatment Group, Multicenter Efficacy and Safety Study of Intra-Anal Application of Iferanserin (10 mg) as a 0.5% Ointment in Subjects with Symptomatic Internal Hemorrhoids
2010 Publications (Partial List)


The Department of Colorectal Surgery staff have published over 500 peer-reviewed manuscripts and over 200 book chapters.


Steven D. Wexner, MD
*Chief Academic Officer*
*Emeritus Chief of Staff (1997-2008)*
*Chair, Department of Colorectal Surgery*

Juan J. Nogueras, MD
*Chief of Staff*

Eric G. Weiss, MD
*Vice Chair, Department of Colorectal Surgery*
*Head, Section of Surgical Endoscopy*

David Maron, MD
*Colorectal Surgery*

Lester Rosen, MD

Dana Sands, MD
Referral Contact Information

**General Patient Referral**
24/7 hospital transfer or physician consults
954.689.5150

**General Patient Information**
Toll-free: 877.463.2010

**Referring Physician Center**
For help with service issues, information about clinical specialists and services, details about CME opportunities and more:
954.659.5162
physicianrelations@ccf.org

**Global Patient Services**
Patient Services Center
954.659.5080
Toll-free: 877.463.2010
flgps@ccf.org
**Weston Campus**
2950 Cleveland Clinic Blvd.
Weston, FL 33331
Clinic: 954.659.5000
Hospital: 954.689.5000

**Weston Family Health Center**
1825 North Corporate Lakes Blvd.
Weston, FL 33326
954.349.1111

**West Palm Beach**
CityPlace Tower
525 Okeechobee Blvd.
West Palm Beach, FL 33401
Toll-free: 877.463.2010

**Krupa Center**
3250 Meridian Parkway
Weston, FL 33331
954.659.5000
Cleveland Clinic Florida, the Florida campus of the world-renowned Cleveland Clinic, is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. Located in Weston and West Palm Beach, Cleveland Clinic Florida has nearly 200 physicians with expertise in 35 specialties and subspecialties working collaboratively to achieve excellent results for patients. The medical campus is fully integrated and includes diagnostic centers, outpatient surgery and a 24-hour emergency department located in the state-of-the-art hospital, which was named one of the nation’s 100 Top Hospitals® by Thomson Reuters in 2010.

Our West Palm Beach location extends our reach, enabling us to serve the Palm Beach County community. In addition to clinical care, our services include and infusion suite, pulmonary function testing and procedure room, as well as diagnostic imaging suites.

Cleveland Clinic Florida has been named one of the nation’s 100 Top Hospitals® for cardiovascular care for the last four years (2007, 2008, 2009, 2010) by Thomson Reuters. In 2010, it was named one of America’s Best Hospitals for gastroenterology and diabetes/endocrinology by U.S. News & World Report.

Cleveland Clinic Florida is an integral part of Cleveland Clinic in Cleveland, Ohio, where providing outstanding patient care is based upon the principles of cooperation, compassion and innovation. Established in 1988, Cleveland Clinic Florida has been committed to improvements in patient care and enhancements in medical education for more than 20 years.
eCleveland Clinic

eCleveland Clinic uses state-of-the-art digital information systems to offer several services, including remote second medical opinions to patients around the world; personalized medical record access for patients; patient treatment progress for referring physicians; and imaging interpretations by our subspecialty trained radiologists. For more information, please visit eclevelandclinic.org.

DrConnect

Whether you are referring from near or far, DrConnect can streamline communication from Cleveland Clinic physicians to your office. This online tool offers you secure access to your patient’s treatment progress at Cleveland Clinic. With one-click convenience, you can track your patient’s care using the secure DrConnect website. To establish a DrConnect account, visit eclevelandclinic.org or email drconnect@ccf.org.

MyConsult

MyConsult Remote Second Medical Opinion is a secure online service providing specialist consultations and remote second opinions for more than 1,000 life-threatening and life-altering diagnoses. The MyConsult service is particularly valuable for people who wish to avoid the time and expense of travel. For more information, visit eclevelandclinic.org/myconsult, email eclevelandclinic.org, or call 800.223.2273, ext. 43223.

MyChart

This secure online tool connects patients to their own health information from the privacy of their home any time, day or night. Some features include renewing prescriptions, reviewing test results and viewing medications, all online. For the convenience of physicians and patients across the country, MyChart now offers a secure connection to Google™ Health. Google Health users can securely share personal health information with Cleveland Clinic, and record and share the details of their Cleveland Clinic treatment with the physicians and healthcare providers of their choice. To establish a MyChart account, visit clevelandclinic.org/mychart.
Continuing Medical Education (CME) Opportunities

Cleveland Clinic Florida is dedicated to advancing medical knowledge through continuing education. Our CME program provides educational opportunities of a high quality and a wide variety to physicians, nurses, and other healthcare professionals. Our mission is to develop educational programs of an appropriate scope and depth to satisfy the need for knowledge and skill development of the learner.

CME activities include didactic lectures, live surgery presentations, hands-on workshops and audience participation. Interactivity between faculty and participants is emphasized. All activities are designed to maintain, develop or increase knowledge, competence or professional performance with the intended result of improving patient care and reducing disease impact.

For a program schedule and more information, visit: clevelandclinic.org/florida and click on “Education” at the top of the page.
Every life deserves world class care.