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Welcome

TO THE

American Society of Colon & Rectal Surgeons

ANNUAL SCIENTIFIC MEETING

MAY 19–23, 2018

Nashville, Tennessee

MUSIC CITY CENTER
The American Society of Colon and Rectal Surgeons recognizes the indispensable role that health care companies play in helping the Society maintain its focus on colorectal surgery and enhance the care its members provide to patients. ASCRS thanks the following companies for their generous support of this year’s Annual Scientific Meeting.

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SURGICEL® Absorbable Hemostat (oxidized regenerated cellulose) is used adjunctively in surgical procedures to assist in the control of capillary, venous, and small arterial hemorrhage when ligation or other conventional methods of control are impractical or ineffective. SURGICEL® ORIGINAL, SURGICEL® FIBRILLAR™ and SURGICEL® NU-KNIT® Hemostats can be cut to size for use in endoscopic procedures.

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Care should be taken not to apply SURGICEL® Absorbable Hemostat too tightly when it is used as a wrap during vascular surgery (see Adverse Reactions).

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“Encapsulation” of fluid and foreign body reactions have been reported.

There have been reports of stenotic effect when SURGICEL® Absorbable Hemostat has been applied as a wrap during vascular surgery.

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Blindness has been reported in connection with surgical repair of a lacerated left frontal lobe when SURGICEL® Absorbable Hemostat was placed in the anterior cranial fossa.

Possible prolongation of drainage in cholecystectomies and difficulty passing urine per urethra after prostatectomy have been reported.

For more information, please consult your doctor or for product quality and technical questions, call 1-800-795-0012.

For complete product information, including full steps for use, indications, contraindications, warnings and precautions, please see the Instructions for Use.
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Disclosures of Executive Council are listed on pages 156-160
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Y. Nancy You, MD

Disclosures of Program Committee are listed on pages 156-160
Annual Scientific Meeting Goals, Purpose and Learning Objectives

The goals of the American Society of Colon and Rectal Surgeons Annual Scientific Meeting are to improve the quality of patient care by maintaining, developing and enhancing the knowledge, skills, professional performance and multidisciplinary relationships necessary for the prevention, diagnosis and treatment of patients with diseases and disorders affecting the colon, rectum and anus. The Program Committee is dedicated to meeting these goals.

This scientific program is designed to provide surgeons with in-depth and up-to-date knowledge relative to surgery for diseases of the colon, rectum and anus with emphasis on patient care, teaching and research. Presentation formats include podium presentations followed by audience questions and critiques, panel discussions, e-poster presentations, video presentations and symposia focusing on specific state-of-the-art diagnostic and treatment modalities.

The purpose of all sessions is to improve the quality of care of patients with diseases of the colon and rectum.

At the conclusion of this meeting, participants should be able to:
- Recognize new information in colon and rectal benign and malignant treatments, including the latest in basic and clinical research.
- Describe current concepts in the diagnosis and treatment of diseases of the colon, rectum and anus.
- Apply knowledge gained in all areas of colon and rectal surgery.
- Recognize the need for multidisciplinary treatment in patients with diseases of the colon, rectum and anus.

This activity is supported by educational grants from commercial interests. Complete information will be provided to participants prior to the activity. ASCRS takes responsibility for the content, quality and scientific integrity of this CME activity.

Target Audience

The program is intended for the education of colon and rectal surgeons as well as general surgeons and others involved in the treatment of diseases affecting the colon, rectum and anus.

Accreditation

The American Society of Colon and Rectal Surgeons (ASCRS) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Continuing Medical Education Credit

The American Society of Colon and Rectal Surgeons (ASCRS) designates this live activity for a maximum of 39.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Attendees can earn 1 CME Credit hour for every 60 minutes of educational time.

Self-Assessment Credit

Many of the sessions offered will be designated eligible towards self-assessment CME credit, applicable to Part 2 of the ABCRS MOC program. To claim self-assessment credit, attendees must complete a post-test. Information/instructions will be sent to all meeting registrants prior to the Annual Meeting.

Method of Participation

Participants must be registered for the conference and attend the session(s) to receive CME and/or Self-Assessment Credit. Each participant will receive a username and password for completion of the online evaluation form. Participants must complete an online evaluation form for each session they attend to receive credit hours. There are no prerequisites unless otherwise indicated.

ASCRS requests that attendees complete the online evaluations by August 31, 2018.

ASCRS Mission

The American Society of Colon and Rectal Surgeons is a community of health care professionals who are dedicated to advancing the understanding, prevention and treatment of disorders of the colon, rectum and anus.

Disclaimer

The primary purpose of the ASCRS Annual Meeting is educational. Information, as well as technologies, products and/or services discussed, are intended to inform participants about the knowledge, techniques and experiences of specialists who are willing to share such information with colleagues. A diversity of professional opinions exist in the specialty and the views of the ASCRS disclaims any and all liability for damages to any individual attending this conference and for all claims which may result from the use of information, technologies, products and/or services discussed at the conference.
Disclosures and Conflicts of Interest
As required by the Accreditation Council for Continuing Medical Education (ACCME) and in accordance with the American Society of Colon and Rectal Surgeons policy, the ASCRS has identified and resolved conflicts of interest for all individuals responsible for the development, management, presentation or evaluation of content for this CME activity. Financial disclosures have been reviewed in advance to ensure any potential conflicts of interest are resolved. Disclosure in no way implies that the information presented is biased or of lesser quality; it is incumbent upon course participants to be aware of these factors in interpreting the program contents and evaluating recommendations.

Specific disclosure information is on pages 156-160 and also on the mobile app.

Educational Grant Commercial Supporters
This activity is supported by independent educational grants from:
- Applied Medical
- Aries Pharmaceuticals, Inc.
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This activity is also supported by the following companies through an independent educational grant consisting of loaned durable equipment and/or disposable supplies.
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- Stryker
- THD America Inc.
- Zinnanti Surgical Design Group Inc.

Online Evaluation
ASCRS will again use a convenient online evaluation for the 2018 Annual Meeting. This system will allow you to complete evaluations online for all the certified CME sessions you attend.

Online access: https://ascrs.pswebsurvey.com

You will be asked to enter your Last Name and ID Number in order to complete the evaluations.
Your ID Number is located on your Registration Card and Badge.
Online evaluations are requested to be completed by August 31, 2018.

SELF-ASSESSMENT (MOC) CREDIT
Maintenance of Certification (MOC) Self-Assessment
This year, portions of the Annual Meeting will be eligible toward MOC/Self-Assessment Credit.
These selected sessions are identified in this Program as “SELF-ASSESSMENT (MOC) CREDIT.”
Following the session, attendees will be able to take an online post-session test that must be completed and passed with a minimum score of 75% in order to receive Self-Assessment (MOC) Credit. If for some reason you do not pass the test, you will receive the regular CME credit for the sessions you attend.
Tests must be taken by December 31, 2018.
The 2018 scientific offerings assist the physician with the six core competencies first adopted by the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Medical Specialties. Attendees are encouraged to select areas of interest from the program which will enhance their knowledge and improve the quality of patient care.

1 **Patient Care and Procedural Skills** – Provide care that is compassionate, appropriate and effective treatment for health problems and to promote health.

2 **Medical Knowledge** – Demonstrate knowledge about established and evolving biomedical, clinical and cognate sciences and their application in patient care.

3 **Interpersonal and Communication Skills** – Demonstrate skills that result in effective information exchange and teaming with patients, their families and professional associates (e.g., fostering a therapeutic relationship that is ethically sound, uses effective listening skills with non-verbal and verbal communication; working as both a team member and at times as a leader).

4 **Professionalism** – Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles and sensitivity to diverse patient populations.

5 **Systems-based Practice** – Demonstrate awareness of and responsibility to larger context and systems of health care. Be able to call on system resources to provide optimal care (e.g., coordinating care across sites or serving as the primary case manager when care involves multiple specialties, professions or sites).

6 **Practice-based Learning and Improvement** – Able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence and improve their practice of medicine.

**ASCRS Assists ABCRS With a 4-part Process for Continuous Learning:**

**Part I – Professional Standing (Every 3 years)**
- A valid, full and unrestricted medical license.
- Hospital privileges in the specialty, if clinically active.
- Chief of Staff Evaluation – contact information for the chief of surgery and chair of credentials at the institution where most work is performed.

**Part II – Lifelong Learning and Self-Assessment (Every 3 years)**
- Continuing medical education (CME) – completion of at least 90 hours of Category I CME relevant to the physician’s practice over a three-year cycle.
- Completion of Self-assessment: Over a three-year cycle, 50 of the 90 Category I CME must include a self-assessment activity – a written or electronic question-and-answer exercise that assesses the physician’s understanding of the material presented in the CME program.
- CARSEP® or SESAP are suggested; however, any approved CME credit that provides self-assessment greater than 75% or passing score (including CME components for MOC) will be accepted for Part II.

**Part III – Cognitive Expertise (Every 10 years)**
- Successful completion of a secure recertification examination, which may be taken three years prior to certificate expiration. A full exam application is required. All MOC requirements must be fulfilled up to this point to apply.

**Part IV – Evaluation of Performance in Practice (Every 3 years)**
- Communications and interpersonal skills.
- Ongoing participation in a national, regional or local outcomes registry or quality assessment program (such as SCIP, ACS NSQIP®, SQIP or the ACS case log system).

For additional information regarding MOC, please contact ABCRS at admin@abcrs.org.
Abstracts
All abstract presentations are numbered and available on the ASCRS website, www.fascrs.org.

Annual Meeting Mobile App
Download the FREE mobile app to maximize your time at the Annual Meeting. Easily view the schedule, exhibitors, speakers and more! This mobile app is available for all smartphones and tablet platforms – iPhone, Blackberry and Android. Download the free ASCRS mobile app by scanning one of the two QR Codes below:

![QR Code for iPhone or iPad](http://ativ.me/eoi)
![QR Code for Android](http://ativ.me/eoj)

Badge Designations
Blue .................. Member/Fellow Physicians
Purple ................... Nonmember Physicians
Green ...................... Nurses/Allied Health
Lime  ...................... Residents/CR Fellows
Orange .......................... Non-Physicians
Red .......................... Technical Exhibitors
Teal  ........................ Spouse/Companions
Rust ........................................ Press
Fuchsia ..................................... Staff
Gray ............... Meeting Technicians/Workers

Replacement badges – $10.00 each

Capturing of NPI Numbers
As part of the health care reform legislation, the Physician Payment Sunshine Act requires medical device, biologic and drug companies to publicly disclose gifts and payments made to physicians.
To help our exhibitors and industry partners in fulfilling the mandatory reporting provisions of the Sunshine Act, ASCRS has requested U.S. health care provider attendees to supply their 10-digit NPI (National Provider Identifier) number when registering for the 2018 Annual Meeting. The NPI will be embedded in the bar code data on the attendee’s badge. Exhibitors can download the NPI information by scanning the badge through a lead retrieval system so that they can record and track any reportable transactions.

Child Care Services
Please contact the concierge at the hotel at which you are staying for a list of bonded independent babysitters and babysitting agencies.

Coat and Luggage Check
A complimentary coat and luggage check is located in the Registration Area (Level 2) of the Music City Center and will be available:
Tuesday ................. 6:00 am – 6:00 pm
Wednesday ............. 6:30 am – 4:00 pm

Complimentary Headshot Photos
ASCRS is offering its members the ability to have their complimentary headshot photo taken for placement on the “Find a Surgeon” search engine on the ASCRS website. White lab coats will be provided or you can be photographed in business attire. Visit Booth 801 in the exhibit hall on Sunday, Monday and Tuesday during exhibit hours to have your professional photo taken.

E-poster Displays and Presentation
E-poster viewing stations are located in the Exhibit Hall and open during exhibit hours. All e-posters will be presented during scheduled breaks. See pages 113-150.
Authors of e-posters have been assigned a specific time to be at their designated monitor to answer attendee questions.

Exhibit Hall
More than 70 technical and scientific exhibitors will display their products and services in Exhibit Hall B (Level 3) throughout the convention. A complimentary box lunch will be available for attendees in the hall each day of the exhibits.
ASCRS appreciates the support of its exhibitors and urges all registrants to visit the displays.
Exhibit hours:
Sunday ...................... 11:30 am – 4:30 pm
Monday ..................... 9:00 am – 4:30 pm
Tuesday .................... 9:00 am – 2:00 pm
First Aid
A first aid office is located in Hall B (Level 3) in the Music City Center and is available during the following hours:
Saturday ...................... 8:00 am – 5:30 pm
Sunday ....................... 7:30 am – 6:00 pm
Monday  ...................... 7:00 am – 6:00 pm
Tuesday ...................... 6:30 am – 8:30 pm
Wednesday ................... 7:00 am – 12:30 pm

Index of Participants
The names of all program speakers, with page numbers to indicate their scheduled appearances, are listed on pages 161-163.

Music City Gala Tickets
Full-paying ASCRS Members/Fellows who requested a ticket for the Tuesday evening Music City Gala will receive a voucher as part of their registration material. **This voucher must be exchanged for a dinner ticket by noon, Monday.**

Nonmembers and others who wish to purchase tickets may do so at the ASCRS onsite Registration Desk. The cost is $150 per ticket. Please do so as early as possible in order to meet the ticket exchange deadline.

Nashville Visitors Desk
A Nashville visitors desk is available to all attendees to make restaurant reservations, assist with city information and provide maps and brochures. This booth is located in the Registration Area (Level 2) of the Music City Center and will be available during the following hours:
Saturday ...................... 9:00 am – 5:00 pm
Sunday ....................... 9:00 am – 5:00 pm
Monday  ...................... 9:00 am – 5:00 pm
Tuesday ...................... 9:00 am – 5:00 pm
Wednesday ................... 9:00 am – 2:00 pm

Networking Goes Viral with #ASCRS18
Be a part of the Annual Meeting conversation! Use hashtag #ASCRS18 in your meeting related tweets and posts. Follow twitter.com/fascrs_updates or facebook.com/fascrs.

**Exercise common sense.** All users should exercise both common sense and courtesy in the messages they transmit on ASCRS Social Media and may not use ASCRS Social Media to transmit defamatory, obscene, and otherwise offensive communications, including, without limitation, any discriminatory statements regarding gender, race, religion, nationality, or sexual orientation. ASCRS Social Media is not to be used for posting commercial messages advertising or selling goods or services or for any illegal purpose. You can read the entire Social Media policy on the ASCRS website.

New Members
New members of ASCRS will be identified by a special ribbon affixed to their name badges. We encourage you to introduce yourself and make our new members feel welcome.

Photography/Video Recordings
By registering for this meeting, attendees acknowledge and agree that ASCRS or its agents may take photographs during events and may freely use those photographs in any media for ASCRS’ purposes, including but not limited to news and promotional purposes.

The presentations, slides and handouts provided in this program are the property of the ASCRS. Meeting participants may not reproduce any of the presentations without written permission from the ASCRS.

Polling
Select sessions will offer registrants the ability to participate in audience polls using the 2018 Annual Meeting mobile app. To participate, please download the app, ASCRS18 via Google Play or the Apple store. When polling begins, click on the session within the mobile app and scroll down until you find the polling link. Click on the link to answer the polling questions.

Registration Desk Hours
The ASCRS Registration Desk is located in the Registration Area (Level 2) of the Music City Center and will be open:
Saturday ...................... 6:30 am – 5:00 pm
Sunday ....................... 6:30 am – 6:00 pm
Monday  ...................... 6:30 am – 4:30 pm
Tuesday ...................... 6:30 am – 3:00 pm
Wednesday ................... 6:30 am – 3:00 pm

Social Events
ASCRS and the Research Foundation of the ASCRS invite you to attend the Welcome Reception on Sunday from 7:00 – 10:00 pm at the Country Music Hall of Fame and Museum. This event is complimentary to all registered attendees. See page 67 for more details.

The ASCRS Music City Gala is scheduled for Tuesday from 7:30 – 10:30 pm in the Broadway Ballroom at the Omni Nashville Hotel. There is no additional cost for a ticket for full-paying ASCRS Members and Fellows.

Nonmembers and others who wish to purchase tickets may do so at the ASCRS Registration Desk. The cost is $150 per ticket. See page 99 for more details.
Speaker Ready Room
All presentations MUST be made using PowerPoint or Keynote files (16:9 format). Please bring your presentation to the Speaker Ready Room at least 8 hours (preferably 24 hours) prior to the start of the session in which you are speaking. Presentations from laptops and iPads will NOT be permitted. Please make sure your second slide is your disclosure slide.

The Speaker Ready Room is located in Room 401 of the Music City Center and is available to all program participants. Speakers are requested to take advantage of this opportunity prior to their presentation to review their slides.

Friday ...................... 3:00 – 6:00 pm
Saturday .................... 6:00 am – 6:30 pm
Sunday .................... 6:30 am – 6:00 pm
Monday .................... 6:30 am – 6:30 pm
Tuesday .................... 6:00 am – 6:00 pm
Wednesday ................ 6:30 am – 3:30 pm

Spouse/Companion Registration Options
If your spouse/companion is not yet registered for the meeting, we encourage them to register to be able to participate in the following events.

The spouse/companion pass does not allow access into scientific sessions.

Package #1 ($175) Includes:
- Welcome Reception, 7:00 – 10:00 pm, Sunday
- Music City Gala, 7:30 – 10:30 pm, Tuesday
- Admission to the Exhibit Hall

Package #2 ($75) Includes:
- Welcome Reception, 7:00 – 10:00 pm, Sunday
- Admission to the Exhibit Hall

Complimentary Wi-Fi Available
Free Wi-Fi is provided to all ASCRS attendees in the Music City Center. To access the free Wi-Fi simply:
- Open your wireless network connections
- Connect to the “ASCRS” wireless network

Take Your Meeting Mobile
Target what you want to attend, learn and do at the ASCRS Annual Meeting with the ASCRS mobile app – the app is free and the options are endless!

View all the Annual Meeting info right at your fingertips:
- Schedule of events
- Exhibitor list and details
- Polling on select sessions
- Speakers, sponsors and more

Download the free app today and maximize your time at the meeting.

http://ativ.me/doi
http://ativ.me/eoj
http://ativ.me/eok
**Complimentary Headshot Photos for ASCRS Members**

ASCRS is offering complimentary headshots for all members. Cherished Memories Photography will provide our members with classic headshots for use on their professional websites or social media sites. White lab coats will be provided on-site.

The Society will utilize these photographs to enhance the “Find a Surgeon” page on the ASCRS website. Members will receive electronic copies of their photographs after the Annual Meeting for their personal use.

Visit booth #801 in the exhibit hall to have your photograph taken.

**Hours are:**
- Sunday, May 20, 11:30 am – 4:30 pm
- Monday, May 21, 9:00 am – 4:30 pm
- Tuesday, May 22, 9:00 am – 2:00 pm

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**Be a Part of Mentor Match!**

**Mentor Match** is a new program for ASCRS members that matches surgeons early in their careers with experienced colorectal surgeons to facilitate a professional relationship and to provide career guidance.

Be a **Mentor** to provide career guidance to someone in the early stages of their career.

Be a **Mentee** and learn from experienced professionals who can provide career advice.

**How much time will it take?** You determine the frequency of communications. You will be matched with someone with similar parameters.

Register to be a Mentor or Mentee today! Visit the ASCRS website at www.fascrs.org.
Leela M. Prasad Memorial Lecture
Sunday, May 20, 9:50 – 10:05 am
Room: Ballroom AB (Level 4)
This is a memorial lecture in honor of Dr. Leela M. Prasad (1944 – 2016), a well-respected Fellow of the Society for 34 years.

Norman D. Nigro, MD, Research Lectureship
Sunday, May 20, 1:30 – 2:15 pm
Room: Ballroom AB (Level 4)
Dr. Norman Nigro is recognized for his many contributions to the care of patients with diseases of the colon and rectum, for his significant research in the prevention of large bowel cancer and treatment of squamous cell carcinoma of the anus, and for his leadership role in his chosen specialty and allied medical organizations.
Dr. Nigro generously dedicated many years of service to the specialty through his activities in ASCRS and ABCRS.

Harry E. Bacon, MD, Lectureship
Monday, May 21, 4:00 – 4:45 pm
Room: Ballroom AB (Level 4)
Dr. Harry Ellicott Bacon was Professor and Chairman of the Department of Proctology at Temple University Hospital. His stellar contribution was the establishment of the Journal, Diseases of the Colon and Rectum, of which he was the Editor-in-Chief. He was a past president of ASCRS and ABCRS. Dr. Bacon was the founder of the International Society of University Colon and Rectal Surgeons.
As a researcher and teacher of over 100 residents, he was innovative in some operations that are forerunners of sphincter saving procedures for cancer of the rectum (pull-through operation) and inflammatory bowel disease (ileoanal reservoir anastomosis).

Parviz Kamangar Humanities in Surgery Lectureship
Tuesday, May 22, 7:30 – 8:15 am
Room: Ballroom AB (Level 4)
This unique lectureship is funded by Mr. Parviz Kamangar, a grateful patient, to remind physicians and surgeons to place compassionate care at the top of the list of priorities.

Memorial Lectureship Honoring Dr. Bertram Portin
Tuesday, May 22, 1:00 – 1:45 pm
Room: Ballroom AB (Level 4)
This lectureship honors a recently deceased, high-ranking member of the society, and is selected by the ASCRS Executive Council.

Ernestine Hambrick, MD, Lectureship
Wednesday, May 23, 10:45 – 11:30 am
Room: Ballroom AB (Level 4)
This lectureship honors Dr. Ernestine Hambrick for her dedication to patients with colon and rectal disorders, surgical students and trainees, and the community at large. The first woman to be board certified in colon and rectal surgery, Dr. Hambrick provided excellent care to patients and mentored numerous students, residents and young surgeons during her clinical practice.
Dr. Hambrick founded the STOP Foundation to promote screening and prevention of colon and rectal cancer. In addition, she has volunteered many hours working for ASCRS including serving as vice president.

Participate in Interactive Sessions!
Many sessions have live polling for lively, interactive discussion!
Interact with speakers in your sessions.
Download the Annual meeting mobile app to participate in session polling.
This lectureship has been established to honor a different surgeon each year who has made a considerable contribution to the specialty and Society.

This year’s Masters in Colorectal Surgery lectureship will take place on Tuesday, May 22, 10:45 – 11:30 am in Ballroom AB and will be presented by Peter Marcello, MD. Dr. Patricia L. Roberts will be honored.

2018
Patricia L. Roberts, MD

2017
David A. Rothenberger, MD

2016
Robert W. Beart, Jr., MD

2015
David J. Schoetz, Jr., MD

2014
Eugene P. Salvati, MD

2013
Victor W. Fazio, MD

2012
Herand Abcarian, MD

2011
Philip H. Gordon, MD

2010
Stanley M. Goldberg, MD
Regional Society Awards
The following awards will be chosen by the Awards Committee during the meeting and announced shortly thereafter.
Each recipient will be given a plaque and a $500 award from the regional society sponsoring the award. Awards are given for the best basic science or clinical paper presented from the podium or as an e-poster.

- **The Canadian Society of Colon & Rectal Surgeons Award (Surgical Resident/Podium)**
- **The Chicago Society of Colon & Rectal Surgeons Durand Smith, MD, Award (Basic Science/Podium)**
- **The Midwest Society of Colon & Rectal Surgeons William C. Bernstein, MD, Award (Basic Science/E-poster)**
- **The New England Society of Colon & Rectal Surgeons Award (Clinical/Podium)**
- **The Ohio Valley Society of Colon & Rectal Surgeons Award (Clinical/Podium)**
- **The Pennsylvania Society of Colon & Rectal Surgeons Award (Clinical/E-poster)**
- **The Southern California Society of Colon & Rectal Surgeons Award (Clinical/E-poster)**

ASCRS Awards

- **Best Paper Award**
The recipient of this award will attend the Annual Meeting of the European Society of Coloproctology in Nice, France, September 26-28, 2018.

- **The ASCRS Barton Hoexter, MD, Best Video Award**
The recipient of this award presents his/her video during the Abstract Video Session on Wednesday, May 23rd.

- **Traveling Fellow**
The recipient of this award will attend the Annual Meeting of the Association of Coloproctology of Great Britain and Ireland in 2019.

- The ASCRS Public Relations Committee Chair will present the following awards during Sunday’s Welcome and Opening Announcements:
  - **David Jagelman, MD, Award**
  - **Local Hero Award**

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**Call for Abstracts – 2019 ASCRS Annual Scientific Meeting**

**June 1-5, 2019**
Cleveland Convention Center
Cleveland, Ohio

**Online Submission Site Opens:**
July 2018

*Program Chair: Brian Kann, MD*

*Program Vice Chairs: Traci Hedrick, MD and M. Benjamin Hopkins, MD*
Following the close of Monday’s scientific session, all registrants are invited to attend the special Corporate Forum at the Omni Nashville Hotel.

Corporate Forums are non-CME promotional offerings organized by industry and designed to enhance your educational experience.

**Monday, May 21**

6:30 – 8:00 pm  
Legends Ballroom Salons E-G (2nd Floor)  
Omni Nashville Hotel  

*Supported by Intuitive*

**Robotic and MIS Colorectal Surgery: Current Value and Future Opportunity**

*Presented by:*

Steven Wexner, MD  
Jamie Cannon, MD  
Craig Johnson, MD

Please join us for an exciting evening of discussion on “Robotic and MIS Colorectal Surgery: Current Value and Future Opportunity”. Dr. Steven Wexner, Dr. Jamie Cannon and Dr. Craig Johnson will review the clinical applications of MIS and Robotic da Vinci surgery in Colorectal Procedures and the opportunities for future advancements. Also, visit Intuitive at Booth #109.
THANKS TO OUR CORPORATE SUPPORTERS

ASCRS is grateful to the following companies and organizations for their generous support of the following projects and programs this year:

**Applied Medical**
Co-supporter of Saturday’s Workshop on Transanal Total Mesorectal Excision (taTME)*...Monday’s Coffee and Controversies: Minimally Invasive Surgery...Wednesday’s Coffee and Controversies: Minimally Invasive Surgery and Big Data vs. Social Media...partial support of the Wednesday Symposium on What’s New in the Management of Rectal Cancer...in-kind support of the Saturday Workshop on Advanced Robotics for the Practicing Surgeon*...and Saturday’s Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*.

**Apollo Endosurgery, Inc.**
In-kind support of Sunday’s Symposium and Workshop on Advanced Endoscopy*.

**Aries Pharmaceuticals, Inc.**
Co-supporter of Sunday’s Symposium and Workshop on Advanced Endoscopy*.

**Boston Scientific**
Supporter of a Product Theater**...co-supporter of Sunday’s Symposium and Workshop on Advanced Endoscopy*...and Monday’s Symposium on New Technologies**.

**Briteseed**
Co-supporter of Monday’s Symposium on New Technologies**.

**Carl Zeiss**
In-kind support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

**Clinical Genomics**
Supporter of a Product Theater**.

**CONMED – Advanced Surgical**
Co-supporter of Saturday’s Workshop on Advanced Robotics for the Practicing Surgeon*...Saturday’s Workshop on Transanal Total Mesorectal Excision (taTME)*...Monday’s Symposium on New Technologies**...and in-kind support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

**Cook Medical**
Co-supporter of the Saturday Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*...and Sunday’s Symposium and Workshop on Advanced Endoscopy*.

**CooperSurgical**
Partial support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*...and in-kind support of Saturday’s Workshop on Transanal Total Mesorectal Excision (taTME)*.

**Erbe USA**
In-kind support of Sunday’s Symposium and Workshop on Advanced Endoscopy*.

**International Continence Society (ICS)**
Supporter of a promotional e-Blast**.

**Intuitive**
Supporter of a Non-CME Corporate Forum**...co-supporter of the Saturday Workshop on Advanced Robotics for the Practicing Surgeon*...Monday’s Symposium on New Technologies**...partial support of Sunday’s Symposium on Robotic Colon and Rectal Surgery: Tips and Tricks...and in-kind support of the Saturday Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*.

**Johnson & Johnson Medical Devices Companies (Ethicon)**
Supporter of Tuesday’s Women in Colorectal Surgery Luncheon...signage in the convention center**...advertisements in the Convention Program Guide**...co-supporter of the Saturday Workshop on Transanal Total Mesorectal Excision (taTME)*...Saturday’s Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*...Monday’s Coffee and Controversies: Minimally Invasive Surgery...partial support of Sunday’s Symposium on Enhanced Recovery Protocols and Pathways for Colectomy and Beyond: Involving Your Allied Health and Other Health Professionals...Monday’s Symposium on Your Day Just Got Complicated: Management of Intra-operative Consults and Postoperative Complications...Wednesday’s Symposium on Translating Outcomes Data into Meaningful...

*In-kind support
**Promotional support

Continued next page
THANKS TO OUR CORPORATE SUPPORTERS

ASCRS is grateful to the following companies and organizations for their generous support of the following projects and programs this year:

Johnson & Johnson Medical Devices Companies (Ethicon) (continued)
Practice Change…Wednesday’s Symposium on The Future of Surgical Practice: How Will Changes in the Rules Affect You?…and Wednesday’s Symposium on When the Dust Settles – Reconstruction After Leaks, Fistulas and Abdominal Wall Defects.

KARL STORZ Endoscopy-America, Inc.
Co-supporter of Saturday’s Workshop on Transanal Total Mesorectal Excision (taTME)*.

KCI, an Acelity Company
Supporter of an educational grant…Smartphone Charging Stations**…an advertisement in the Convention Program Guide**…and a promotional e-Blast**.

Lumendi LLC
Co-supporter of Sunday’s Symposium and Workshop on Advanced Endoscopy.

Medrobotics, Inc.
Co-supporter of Saturday’s Workshop on Advanced Robotics for the Practicing Surgeon*…and Monday’s Symposium on New Technologies**.

Medtronic
Supporter of the Badge Lanyards**…Hotel Key Card**…Escalator Clings**…banner in the convention center**…co-supporter of the Saturday Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*…Saturday’s Workshop on Transanal Total Mesorectal Excision (taTME)*…partial support of Wednesday’s Symposium on Are There Solid Options for Fecal Incontinence?…and in-kind support of Saturday’s Workshop on Advanced Robotics for the Practicing Surgeon*.

Olympus America Inc.
Supporter of the Tuesday ASCRS Fellowship Reception…co-supporter of the Saturday Workshop on Transanal Total Mesorectal Excision (taTME)*…Saturday’s Symposium and Workshop on Advanced Methods for the Management of Rectal Prolapse*…and the Sunday Symposium and Workshop on Advanced Endoscopy*.

Ovesco Endoscopy
In-kind support of Sunday’s Symposium and Workshop on Advanced Endoscopy*.

Redfield Corporation
In-kind support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

Seger Surgical Solutions Ltd.
Co-supporter of Monday’s Symposium on New Technologies**.

Seiler Instrument
In-kind support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

Stryker
Co-supporter of the Saturday Workshop on Transanal Total Mesorectal Excision (taTME)*.

THD America Inc.
Supporter of a Product Theater**…and co-supporter of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

Zinnanti Surgical Design Group Inc.
In-kind support of Saturday’s Workshop on AIN and HRA: What the Colorectal Surgeon Needs to Know*.

*In-kind support
**Promotional support
The following videos will be available for viewing in **Room 208** (Music City Center), Sunday through Wednesday.

### ON-GOING VIDEO DISPLAY

**STATION 1  
Anorectal/Miscellaneous Diseases**

**VR1** Next Generation eTAMIS: Endoscopic Mediated TransAnal Minimally Invasive Surgery  
S. Sharma¹, K. Momose¹, J.W. Milsom¹; ¹New York, NY

**VR2** Transanal Endoscopic Microsurgery: Special Techniques Lessons Learned From the Minnesota Experience  
C.O. Finne¹, S.J. Ivatury²; ¹Minneapolis, MN; ²Lebanon, NH

**VR3** Anal Sphincter Reconstruction With Gracilis Muscle Flap  
R. Kumar¹, S. Wexner¹, L. Force¹, V.W. Hui¹; ¹Weston, FL

**VR4** XenoLIFT: Ligation of Intersphincteric Fistula Tract With Porcine Xenograft Interposition  
M.E. Dolberg¹; ¹Pembroke Pines, FL

**VR5** Laparoscopic Repair of a Ureteral Injury During Sigmoid Colectomy  
C.M. Chisholm¹, H.J. Lujan¹, G. Plasencia¹, V. Maciel¹; ¹Miami, FL

**VR6** A Robotic Anterior Approach for a Presacral Tumor  
C.J. LaRocca¹, O.S. Eng¹, V. Trisal¹, K. Melstrom¹; ¹Duarte, CA

**VR7** Trans-Inguinal Total Abdominal Colectomy & Inguinal Hernia Repair for Massive Inguinoscrotal Hernia  
J. Otero¹, M.R. Arnold¹, B. Heniford¹, B.R. Davis¹; ¹Charlotte, NC

**VR8** Transanal Minimally Invasive Surgery for the Extraction of a Rectal Foreign Body  
M.T. Ganyo¹, M.J. Tomassi¹, D. Klaristenfeld¹; ¹San Diego, CA

### STATION 2  
Colon Cancer

**VR9** Laparoscopic Completion Colectomy, Liver Metastectomy, Pelvic Peritonectomy, and Hyperthermic Intraperitoneal Chemotherapy for Metastatic Colon Cancer  
A. Lee¹, Y. Altinel¹, A. Petrucci¹, C. Simpfendorfer¹, S. Wexner¹; ¹Weston, FL

**VR10** Robotic Rectosigmoid Resection With Single-Dock Intracorporeal Anastomosis  
C. Hsieh¹, A.M. Kaiser¹; ¹Los Angeles, CA

**VR11** Standardized Totally Robotic Complete Mesocolic Excision for Right Sided Colon Cancer  
I.A. Bilgin¹, T.K. Yozgatli¹, E. Aytaç¹, V. Ozben¹, I. Erenler Bayraktar¹, B. Baca¹, I. Hamzaoglu¹, T. Karahasanoglu¹; ¹Istanbul, Turkey

**VR12** Endoscopically Guided Laparoscopic Partial Cecectomy for Management of Benign Cecal Polyps  
E. Noren¹, K. Cologne¹, S. Lee¹; ¹Los Angeles, CA

**VR13** A Personal Technique of Hand-assisted Laparoscopic-robotic Hybrid Total Proctocolectomy With Ileal Pouch-anal Anastomosis  
L. Morelli¹, M. Palmeri¹, N. Furbetta¹, G. Di Franco¹, M. Bianchini¹, D. Gianardi¹, S. Guadagni¹, G. Di Candio¹; ¹Pisa, Italy

**VR14** Robot-assisted Laparoscopic Single Port Right Colectomy: A Case Report  
B. Leung¹, R. Abdelmalak¹, M. Tirabassi¹, Z. Kutayli¹; ¹Enfield, CT

**VR15** Techniques and Feasibility of the Laparoscopic Radical Extended Right Hemicolecotomy With Caudal-to-Cranial Approach Combined Resection of the Para SMA Lymph Nodes  
D.C. Diao¹; ¹Guangzhou, Guangdong, China

**VR16** Laparoscopic Right Hemicolecotomy With Transvaginal Specimen Extraction  
G. Wang¹; ¹Harbin, China
The following videos will be available for viewing in Room 208 (Music City Center), Sunday through Wednesday.

### STATION 3
**Inflammatory Bowel Disease/Miscellaneous**

**VR17** Derotation of the Right Colon (Deloyers’ Procedure) for Colonic Inertia  
N.E. Wieghardt, H. Vargas; ’New Orleans, LA

**VR18** Immunofluorescence in Robotic Colon and Rectal Surgery  
K. Wirth, Y. Moklyak, W.B. Gaertner; ’Minneapolis, MN

**VR19** Robotic Excision of Levator Ani Angiomyxoma  
M. Lin, B. Smith, J. Franko, S. Raman; ’Flushing, NY; ’Des Moines, IA

**VR20** Robotic Ileocolic Resection With Intracorporeal Anastomosis for Complex Crohn’s Disease  
H. Aydinli, M. Bernstein, A. Grucela; ’New York, NY

**VR21** Anastomotic Techniques in Transanal Ileal Pouch-anal Anastomosis  
A. Truong, P. Fleshner, K.N. Zaghiyan; ’Los Angeles, CA

**VR22** Double Balloon Hybrid EMR Outcomes Compared to Conventional Method  
S. Sharma, K. Momose, J.W. Milsom; ’New York, NY

**VR23** Subserosal and Intramuscular Lifts During EMR and ESD: Do They Occur?  
J. Sandhu, C. Winkler, X. Yan, E. Pettke, V. Cekic, H.S. Kumara, R. Whelan; ’New York, NY; ’Bronx, NY

**VR24** Approach to Laparoscopic Total Abdominal Colectomy for Ulcerative Colitis in a Patient With a Rotational Anomaly  
E. Huang, R. Smith, K. Umanskiy, N. Hyman, L.M. Cannon; ’Chicago, IL

### STATION 4
**Pelvic Floor**

**VR25** Composite Graft (Antropyloric/Gluteus Maximus) Graft for Total Neoanal Reconstruction: A Viable Option  
A. Chandra, S. Kumar, N. Chopra, P. Joshi, V. Gupta, P. Kumar G, A. Dangil; ’Lucknow, Uttar Pradesh, India

**VR26** A Complex Case of Combined Penetrating Pelvic Floor-Anorectal Trauma  
N. Wong-Chong, J.K. Chau, N. Alhassan, P. Fata, L. Lee; ’Montreal, QC, Canada

**VR27** Perineal Hernia Repair With Mesh Following Robotic APR  
I. Sapci, J. Tieman, E. Gorgun; ’Cleveland, OH

**VR28** A New Approach for Perineal Reconstruction After Abdominal Perineal Resection – Laparoscopic Vertical Rectus Myofascial Flap  
Y.W. Chang, J.Y. Liau, M. Jax, S.J. Beck; ’Lexington, KY

**VR29** Colovaginoplasty: Minimally Invasive Single Port Technique With Fluorescence Imaging  
E. Haas, A. Gonzalez-Almada, S.H. Ibarra, N. Stephens, T. Dinh; ’Houston, TX

**VR30** Minimally Invasive Resection of Sigmoid Intussusception in Adults  
A. Gonzalez-Almada, S.H. Ibarra, A. Godshalk-Ruggles, B.L. Johnson, E. Haas; ’Houston, TX

**VR31** Robotic-assisted Transanal Minimally Invasive Surgery for Repair of Rectovaginal Fistula With Biologic Membrane Interposition  
A. Althoff, J. Kelly, S. Atallah; ’Orlando, FL

**VR32** Levator Ani Syndrome: Transperineal Botox Injections  
V. Bolshinsky, T. Hull, M. Zutshi; ’Cleveland, OH
The following videos will be available for viewing in Room 208 (Music City Center), Sunday through Wednesday.

**STATION 5**
Rectal Cancer

**VR33** Robotic Pelvic Lymph Node Dissection  
A. Ahmad1, J. Khan1; Portsmouth, United Kingdom

**VR34** Cross Specialty Instrument Utilization for Rectal Cancer in the Female Pelvis  
A.A. Castelli1, J. Estrada1, J.P. Kaminski1; Chicago, IL

**VR35** Transanal Total Mesorectal Excision With Primary Turnbull Cutait Delayed Coloanal Anastomosis  
N. Alhassan1, N. Wong-Chong1, S. Lachance1, B. Stein1, L. Lee1, S. Liberman1; Montreal, QC, Canada

**VR36** Autonomic Nerve Structures Above the Promontory During Robotic Anterior Resection  
S.J. Marecik1, E. Arcila2, S. Bibi Aziz1, K. Kochar1, J. Park1; Park Ridge, IL; Chicago, IL

**VR37** Autonomic Nerve Structures Below the Promontory During Robotic Low Anterior Resection  
S.J. Marecik1, J. Melich1, A. Abcarian2, K. Kochar1, J. Park1; Park Ridge, IL; Chicago, IL

**VR38** Simultaneous Transanal/Robotic APR in the Non-compliant Patient  
K.T. Onofrey1, A. Giovannetti1, J.P. Kaminski1, J. Estrada1; Elmwood Park, IL

**VR39** Robotic Abdominoperineal Resection With en Bloc Prostatectomy  
M.T. Scott1, O. Zumba1, P. Modi1, S. Elsamra1, N. Maloney Patel1; New Brunswick, NJ

**VR40** Laparoscopic Specimen-oriented Abdominoperineal Resection of a Lower Rectal Tumor  
M. Hamada1; Hirokata, Japan
## Daily Schedule

All programs are held in the Music City Center unless otherwise noted.

### Saturday, May 19

<table>
<thead>
<tr>
<th>HOURS</th>
<th>ROOM</th>
</tr>
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<tbody>
<tr>
<td>6:00 am – 6:30 pm</td>
<td>Speaker Ready Room ........................................................................... 401</td>
</tr>
<tr>
<td>6:30 am – 5:00 pm</td>
<td>Registration for ASCRS Annual Meeting .................................................. Level 2 Registration Area</td>
</tr>
<tr>
<td>7:00 am – noon</td>
<td>Advanced Robotics for the Practicing Surgeon Workshop.................. 205</td>
</tr>
<tr>
<td>7:00 am – 2:00 pm</td>
<td>Executive Council Meeting ................................................................... Bass (4th Floor – Omni)</td>
</tr>
<tr>
<td>7:30 – 11:15 am</td>
<td>AIN and HRA: What the Colorectal Surgeon Needs to Know Workshop...... 209A</td>
</tr>
<tr>
<td>7:30 am – noon</td>
<td>Transanal Total Mesorectal Excision (taTME) Didactic Session ........ Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>7:30 am – noon</td>
<td>Advanced Methods for the Management of Rectal Prolapse Didactic Session Davidson Ballroom Salon B (Level 1M)</td>
</tr>
<tr>
<td>9:30 – 11:30 am</td>
<td>Symposium: Health Care Policy ....................................................... 209A Davidson Ballroom Salon C (Level 1M)</td>
</tr>
<tr>
<td>9:50 – 10:00 am</td>
<td>Advanced Methods for the Management of Rectal Prolapse Refreshment Break Davidson Ballroom Foyer (Level 1M)</td>
</tr>
<tr>
<td>9:50 – 10:00 am</td>
<td>AIN and HRA Refreshment Break .......................................................... 209 Foyer</td>
</tr>
<tr>
<td>10:00 – 11:30 am</td>
<td>Symposium: Critical Review of Scientific Manuscripts: A How-to Guide 208</td>
</tr>
<tr>
<td>10:15 – 10:25 am</td>
<td>Transanal Total Mesorectal Excision (taTME) Refreshment Break .... Davidson Ballroom Foyer (Level 1M)</td>
</tr>
<tr>
<td>11:15 am – 12:45 pm</td>
<td>AIN and HRA: Group 1 ............................................................................. 209A</td>
</tr>
<tr>
<td>11:15 am – 12:45 pm</td>
<td>AIN and HRA: Group 2 ............................................................................. 209C</td>
</tr>
<tr>
<td>11:15 am – 12:45 pm</td>
<td>AIN and HRA: Group 3 ............................................................................. 209B</td>
</tr>
<tr>
<td>Noon – 1:00 pm</td>
<td>taTME Luncheon (lab registrants only). .................................................. 204</td>
</tr>
<tr>
<td>Noon – 1:00 pm</td>
<td>Advanced Methods for the Management of Rectal Prolapse Luncheon (lab registrants only) .................................................. 204</td>
</tr>
<tr>
<td>12:30 – 5:30 pm</td>
<td>Young Surgeons Mock Orals &amp; More ...................................................... 207CD</td>
</tr>
<tr>
<td>1:00 – 2:00 pm</td>
<td>AIN and HRA Lunch with Panel Discussion &amp; Questions ........................... 209A</td>
</tr>
<tr>
<td>1:00 – 3:00 pm</td>
<td>Symposium: Leadership ........................................................................ Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>1:00 – 4:00 pm</td>
<td>Question Writing: Do You Know How to Write the Perfect Exam Question? Workshop .................................................. 208</td>
</tr>
<tr>
<td>1:00 – 4:30 pm</td>
<td>Advanced Methods for the Management of Rectal Prolapse Hands-on Workshop for Lab Registrants .................................................. 205</td>
</tr>
<tr>
<td>1:00 – 4:30 pm</td>
<td>taTME Hands-on Workshop for Lab Registrants ........................................ 202</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>AIN and HRA: Group 1 ............................................................................. 209C</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>AIN and HRA: Group 2 ............................................................................. 209A</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>AIN and HRA: Group 3 ............................................................................. 209B</td>
</tr>
<tr>
<td>2:30 – 3:00 pm</td>
<td>AIN and HRA Refreshment Break .......................................................... 209 Foyer</td>
</tr>
<tr>
<td>2:50 – 3:00 pm</td>
<td>Question Writing Refreshment Break ................................................... 208 Foyer</td>
</tr>
<tr>
<td>3:00 – 3:10 pm</td>
<td>Young Surgeons Mock Orals &amp; More Refreshment Break .......................... 207 Foyer</td>
</tr>
<tr>
<td>3:00 – 6:00 pm</td>
<td>Research Foundation Research Committee ........................................... 204</td>
</tr>
<tr>
<td>3:30 – 4:30 pm</td>
<td>AIN and HRA: What the Colorectal Surgeon Needs to Know Workshop 209A</td>
</tr>
<tr>
<td>6:00 – 9:00 pm</td>
<td>Young Surgeons Reception .................................................................... Off-Site (Martin's BBQ)</td>
</tr>
</tbody>
</table>
## Daily Schedule

**Sunday, May 20**

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am</td>
<td>Registration</td>
<td>Level 2 Registration Area</td>
</tr>
<tr>
<td>6:30 am</td>
<td>Speaker Ready Room</td>
<td>401</td>
</tr>
<tr>
<td>6:30 am</td>
<td>On-Going Video Display</td>
<td>208</td>
</tr>
<tr>
<td>7:00 am</td>
<td>Research Foundation Board of Trustees Meeting</td>
<td>Bass (4th Floor – Omni)</td>
</tr>
<tr>
<td>7:30 am</td>
<td>Advanced Endoscopy Symposium Didactic Session</td>
<td>Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>7:30 am</td>
<td>Core Subject Update</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>7:30 am</td>
<td>Symposium: Contemporary Management of Lower GI Bleeding</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>9:00 am</td>
<td>International Committee</td>
<td>Ballroom AB &amp; Ballroom C Foyer (Level 4)</td>
</tr>
<tr>
<td>12:45 pm</td>
<td>Welcome and Opening Announcements</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>1:00 pm</td>
<td>Norman D. Nigro, MD, Research Lectureship</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>2:00 pm</td>
<td>DC&amp;R Selected Abstracts Team</td>
<td>206</td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Abstract Session: Neoplasia I</td>
<td>Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>DC&amp;R Co-editors Meeting</td>
<td>205B</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Symposium: Anal and Rectovaginal Fistula Management From Simple to Complex</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Symposium: Complex Cases – I Need Help! Plastic Surgery for the Colorectal Surgeon</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Social Media Committee</td>
<td>204</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Membership Committee</td>
<td>207B</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Healthcare Economics Committee</td>
<td>205B</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Abstract Session: Benign Disease</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Symposium: Enhanced Recovery Protocols and Pathways for Colectomy and Beyond: Involving Your Allied Health and Other Health Professionals</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Regional Society Committee</td>
<td>205C</td>
</tr>
</tbody>
</table>

*All programs are held in the Music City Center unless otherwise noted.*

Continued next page
## Daily Schedule

*All programs are held in the Music City Center unless otherwise noted.*

### Sunday, May 20 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:45 – 6:45 pm</td>
<td>Awards Committee</td>
<td>209B</td>
</tr>
<tr>
<td>6:00 – 7:00 pm</td>
<td>Allied Health Meet &amp; Greet</td>
<td>Cumberland 1 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>7:00 – 10:00 pm</td>
<td>Welcome Reception</td>
<td>Off-Site (Country Music Hall of Fame)</td>
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</table>

### Monday, May 21

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 – 8:00 am</td>
<td>Crohn’s and Colitis Foundation Surgery Research Network</td>
<td>209C</td>
</tr>
<tr>
<td>6:30 am – 4:30 pm</td>
<td>Registration</td>
<td>Level 2 Registration Area</td>
</tr>
<tr>
<td>6:30 am – 6:30 pm</td>
<td>Speaker Ready Room</td>
<td>401</td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>&quot;Meet the Professor&quot; Breakfasts</td>
<td></td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>Symposium: Coffee and Controversies: Minimally Invasive Surgery</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>Clinical Practice Guidelines Committee</td>
<td>202A</td>
</tr>
<tr>
<td>7:00 am – 6:30 pm</td>
<td>On-Going Video Display</td>
<td>208</td>
</tr>
<tr>
<td>8:00 – 9:00 am</td>
<td>History of ASCRS Committee</td>
<td>202C</td>
</tr>
<tr>
<td>8:00 – 9:30 am</td>
<td>Abstract Session: Inflammatory Bowel Disease</td>
<td>Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>8:00 – 9:30 am</td>
<td>Symposium: Through the Ages: Caring for the Adult Who Was a Pediatric Surgery Patient</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>8:00 – 9:30 am</td>
<td>Symposium: Ethics</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>8:00 – 9:30 am</td>
<td>Young Surgeons Committee</td>
<td>202A</td>
</tr>
<tr>
<td>9:00 – 10:00 am</td>
<td>Continuing Education Committee</td>
<td>205A</td>
</tr>
<tr>
<td>9:00 – 10:00 am</td>
<td>New Technologies Committee</td>
<td>205A</td>
</tr>
<tr>
<td>9:00 am – 4:30 pm</td>
<td>Exhibit Hours</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>9:30 – 10:00 am</td>
<td>Refreshment Break in Exhibit Hall</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>9:30 – 10:00 am</td>
<td>E-poster Presentations</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>10:00 – 10:45 am</td>
<td>Symposium: Ask the Expert Panel – Complex Cases</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>10:45 – 11:30 am</td>
<td>Presidential Address</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>11:30 am – noon</td>
<td>Past Presidents' and Spouses of Past Presidents' &amp; Past Vice Presidents' Reception</td>
<td>207A</td>
</tr>
<tr>
<td>11:30 am – 12:30 pm</td>
<td>Residents Committee</td>
<td>205A</td>
</tr>
<tr>
<td>11:30 am – 12:45 pm</td>
<td>Awards Committee</td>
<td>209B</td>
</tr>
<tr>
<td>11:30 am – 12:45 pm</td>
<td>Complimentary Box Lunch in Exhibit Hall</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>11:30 am – 12:45 pm</td>
<td>E-poster Presentations</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>11:35 am – 12:45 pm</td>
<td>Product Theater: THD America Inc.</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>Noon – 12:45 pm</td>
<td>Past Presidents' &amp; Past Vice Presidents' Luncheon</td>
<td>207B</td>
</tr>
<tr>
<td>Noon – 12:45 pm</td>
<td>Spouses of Past Presidents' Luncheon</td>
<td>207C</td>
</tr>
<tr>
<td>Noon – 1:00 pm</td>
<td>Operative Competency Evaluation Committee</td>
<td>204</td>
</tr>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Abstract Session: Education</td>
<td>Davidson Ballroom Salon A (Level 1M)</td>
</tr>
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</table>
### Monday, May 21 (continued)

<table>
<thead>
<tr>
<th>HOURS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Symposium: Your Day Just Got Complicated: Management of Intra-operative Consults and Postoperative Complications. Ballroom C (Level 4)</td>
</tr>
<tr>
<td>12:45 – 2:00 pm</td>
<td>Symposium: Controversies in the Management of Inflammatory Bowel Disease. Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>1:00 – 2:00 pm</td>
<td>CREST Committee. 205B</td>
</tr>
<tr>
<td>1:00 – 2:30 pm</td>
<td>Public Relations Committee. 205C</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>Abstract Session: Outcomes. Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>Symposium: Pathogen or Partner? The Role of the Gut Microbiome in the Colorectal Surgical Patient. Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>Symposium: Financial Planning for the Colorectal Surgeon: Everything You Have Always Wanted to Know, But Were Afraid to Ask. Ballroom C (Level 4)</td>
</tr>
<tr>
<td>2:30 – 3:30 pm</td>
<td>Inflammatory Bowel Disease Committee 205A</td>
</tr>
<tr>
<td>3:30 – 4:00 pm</td>
<td>Ice Cream and Refreshment Break in Exhibit Hall. Hall B (Level 3)</td>
</tr>
<tr>
<td>3:30 – 4:00 pm</td>
<td>E-poster Presentations. Hall B (Level 3)</td>
</tr>
<tr>
<td>3:30 – 4:45 pm</td>
<td>Awards Committee. 209B</td>
</tr>
<tr>
<td>3:30 – 5:00 pm</td>
<td>ACS Colon &amp; Rectal Advisory Council. Mockingbird 4 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>3:35 – 4:00 pm</td>
<td>Product Theater: Boston Scientific. Hall B (Level 3)</td>
</tr>
<tr>
<td>4:00 – 4:45 pm</td>
<td>Harry E. Bacon, MD, Lectureship. Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>5:00 – 6:00 pm</td>
<td>Committee Chair Meeting. 202A</td>
</tr>
<tr>
<td>6:30 – 8:00 pm</td>
<td>Residents’ Reception. Broadway Ballroom Salons G-K (2nd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 – 8:00 pm</td>
<td>Non-CME Corporate Forum: Intuitive. Legends Ballroom Salons E-G (2nd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 – 8:00 pm</td>
<td>Lehigh Valley Health Network Reception. Cumberland 5 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 – 8:30 pm</td>
<td>Baylor Scott and White Health Alumni Reception. Mockingbird 2 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 – 8:30 pm</td>
<td>Cleveland Clinic Annual Alumni Reception. Cumberland 1 &amp; 2 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 – 8:30 pm</td>
<td>Icahn School of Medicine Mount Sinai Alumni Reception. Kitchen Notes (Lobby – Omni)</td>
</tr>
<tr>
<td>6:30 – 9:00 pm</td>
<td>Mayo Clinic Alumni Reception. Cumberland 4 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>7:00 pm</td>
<td>Minnesota Alumni Dinner. Off-Site</td>
</tr>
<tr>
<td>7:00 – 8:30 pm</td>
<td>Ferguson Surgical Society Cocktail Hour. Mockingbird 1 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>7:30 – 10:00 pm</td>
<td>Colon &amp; Rectal Clinic of Orlando Alumni Dinner. Mockingbird 3 (3rd Floor – Omni)</td>
</tr>
<tr>
<td>9:00 pm – 2:00 am</td>
<td>E.P. Salvati Society Meeting. Cumberland 3 (3rd Floor – Omni)</td>
</tr>
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</table>

### Tuesday, May 22

<table>
<thead>
<tr>
<th>HOURS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 am – 6:00 pm</td>
<td>Speaker Ready Room. 401</td>
</tr>
<tr>
<td>6:15 am – 4:00 pm</td>
<td>Registration. Level 2 Registration Area</td>
</tr>
<tr>
<td>6:30 – 7:30 am</td>
<td>&quot;Meet the Professor&quot; Breakfasts</td>
</tr>
<tr>
<td>T-1</td>
<td>Management of Anastomotic Leak. 205A</td>
</tr>
<tr>
<td>T-2</td>
<td>Difficult Reoperative Cases. 205B</td>
</tr>
<tr>
<td>T-3</td>
<td>Making the Quality Improvement Process Work for You. 205C</td>
</tr>
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</table>

Continued next page
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 – 7:30 am</td>
<td>Residents’ Breakfast</td>
<td>Legends Ballroom Salons E-G (2nd Floor – Omni)</td>
</tr>
<tr>
<td>6:30 am – 6:00 pm</td>
<td>On-Going Video Display</td>
<td>208</td>
</tr>
<tr>
<td>7:30 – 8:15 am</td>
<td>Parviz Kamangar Humanities in Surgery Lectureship</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>8:00 – 9:00 am</td>
<td>Exhibitor’s Advisory Committee</td>
<td>206</td>
</tr>
<tr>
<td>8:15 – 9:00 am</td>
<td>Symposium: The Best of The Diseases of the Colon and Rectum Journal</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>8:30 – 9:30 am</td>
<td>Research Foundation Young Researchers Committee</td>
<td>204</td>
</tr>
<tr>
<td>8:30 – 10:00 am</td>
<td>Fundamentals of Rectal Cancer Surgery Committee</td>
<td>202A</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>Refreshment Break in Exhibit Hall</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>9:00 – 9:30 am</td>
<td>E-poster Presentations</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>9:00 am – 2:00 pm</td>
<td>Exhibit Hours</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>9:30 – 10:30 am</td>
<td>Website Committee</td>
<td>202B</td>
</tr>
<tr>
<td>9:30 – 10:45 am</td>
<td>Symposium: Out of the Movies and Into Reality: How Disruptive Technology May Change the Way You Practice</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>9:30 – 10:45 am</td>
<td>Symposium: What the American College of Surgeons Does for Me as an ASCRS Member</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>9:45 – 10:45 am</td>
<td>Professional Outreach Committee</td>
<td>202C</td>
</tr>
<tr>
<td>10:45 – 11:30 am</td>
<td>Masters in Colorectal Surgery Lectureship Honoring Patricia L. Roberts, MD</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>Complimentary Box Lunch in Exhibit Hall</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>E-poster Presentations</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>Women in Colorectal Surgery Luncheon</td>
<td>207</td>
</tr>
<tr>
<td>11:35 am – 1:00 pm</td>
<td>Product Theater: Clinical Genomics</td>
<td>Hall B (Level 3)</td>
</tr>
<tr>
<td>1:00 – 1:45 pm</td>
<td>Memorial Lectureship Honoring Dr. Bertram Portin</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>1:45 – 3:15 pm</td>
<td>Abstract Session: Basic Science</td>
<td>Ballroom C (Level 4)</td>
</tr>
<tr>
<td>1:45 – 3:15 pm</td>
<td>Abstract Session: Research Forum</td>
<td>Davidson Ballroom Saloon A (Level 1M)</td>
</tr>
<tr>
<td>1:45 – 3:15 pm</td>
<td>Symposium: Hereditary Colorectal Cancer Syndromes</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>2:00 – 3:00 pm</td>
<td>Quality Assessment Committee</td>
<td>202A</td>
</tr>
<tr>
<td>3:15 – 3:30 pm</td>
<td>Refreshment Break in Foyer</td>
<td>Ballroom AB Foyer (Level 4)</td>
</tr>
<tr>
<td>3:15 – 4:15 pm</td>
<td>Awards Committee</td>
<td>209B</td>
</tr>
<tr>
<td>3:30 – 4:30 pm</td>
<td>ASCRS Annual Business Meeting and State of the Society Address</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>4:30 – 5:30 pm</td>
<td>Symposium: Drinks and Disputes: The After Hours Debates</td>
<td>Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>6:00 – 7:00 pm</td>
<td>ASCRS Fellowship Reception</td>
<td>Legends Ballroom Salons E-G (2nd Floor – Omni)</td>
</tr>
<tr>
<td>7:30 – 10:30 pm</td>
<td>Music City Gala</td>
<td>Broadway Ballroom (2nd Floor – Omni)</td>
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</tbody>
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### DAILY SCHEDULE

*All programs are held in the Music City Center unless otherwise noted.*

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<thead>
<tr>
<th>HOURS</th>
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<tbody>
<tr>
<td><strong>Wednesday, May 23</strong></td>
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</tr>
<tr>
<td>6:30 am – 3:00 pm</td>
<td>Registration ..................................................Level 2 Registration Area</td>
</tr>
<tr>
<td>6:30 am – 3:30 pm</td>
<td>Speaker Ready Room .................................................401</td>
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<tr>
<td>6:30 am – 3:30 pm</td>
<td>On-Going Video Display .............................................208</td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>&quot;Meet the Professor&quot; Breakfasts</td>
</tr>
<tr>
<td>W-1</td>
<td>Complex Rectal Cancer Cases ....................205A</td>
</tr>
<tr>
<td>W-2</td>
<td>Parastomal Hernia Cases .........................205B</td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>Symposium: Coffee and Controversies: Minimally Invasive Surgery and Big Data vs. Social Media ...Ballroom C (Level 4)</td>
</tr>
<tr>
<td>7:00 – 9:00 am</td>
<td>Governance Committee ........................................206</td>
</tr>
<tr>
<td>8:00 – 9:15 am</td>
<td>Symposium: What's New in the Management of Rectal Cancer? ..........Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>8:00 – 9:15 am</td>
<td>Symposium: Are There Solid Options for Fecal Incontinence? ..........Ballroom C (Level 4)</td>
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<tr>
<td>9:15 – 9:30 am</td>
<td>Refreshment Break in Foyer ..........................Ballroom Foyer (Level 4)</td>
</tr>
<tr>
<td>9:30 – 10:45 am</td>
<td>Symposium: When the Dust Settles – Reconstruction After Leaks, Fistulas and Abdominal Wall Defects ...Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>9:30 – 10:45 am</td>
<td>Abstract Session: Video Session ..................Davidson Ballroom Salon A (Level 1M)</td>
</tr>
<tr>
<td>10:45 – 11:30 am</td>
<td>Ernestine Hambrick, MD, Lectureship ............Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>Lunch Break ..............................................................On Your Own</td>
</tr>
<tr>
<td>11:30 am – 1:00 pm</td>
<td>Steering Committee on Pelvic Floor Disorders ........................................202C</td>
</tr>
<tr>
<td>12:30 – 2:00 pm</td>
<td>Symposium: Translating Outcomes Data into Meaningful Practice Change ....Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>12:30 – 2:00 pm</td>
<td>Abstract Session: Neoplasia II ....................Ballroom C (Level 4)</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>Abstract Session: Pelvic Floor Disorders ........Ballroom C (Level 4)</td>
</tr>
<tr>
<td>2:00 – 3:30 pm</td>
<td>Symposium: Difficulties Surrounding the Management of Diverticulitis ....Ballroom AB (Level 4)</td>
</tr>
<tr>
<td>3:30 – 4:30 pm</td>
<td>Awards Committee ..................................................209B</td>
</tr>
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### Saturday, May 19

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 am</td>
<td>Advanced Robotics Hands-on Lab</td>
</tr>
<tr>
<td>6:15 am</td>
<td>Transanal Total Mesorectal Excision (taTME) Symposium (Didactic)</td>
</tr>
<tr>
<td>6:30 am</td>
<td>Advanced Methods for the Management of Rectal Prolapse (Didactic)</td>
</tr>
<tr>
<td>7:00 am</td>
<td>AIN and HRA: What the Colorectal Surgeon Needs to Know Workshop</td>
</tr>
<tr>
<td>7:15 am</td>
<td>Young Surgeons Mock Orals &amp; More Workshop</td>
</tr>
<tr>
<td>7:30 am</td>
<td>Transanal Total Mesorectal Excision (taTME) Hands-on Lab</td>
</tr>
<tr>
<td>7:45 am</td>
<td>Question Writing Workshop</td>
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<tr>
<td>8:00 am</td>
<td>Advanced Methods for the Management of Rectal Prolapse Hands-on Lab</td>
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<tr>
<td>8:15 am</td>
<td>Young Surgeons Reception</td>
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</table>

**Symposium: Health Care Policy** 9:30 – 11:30 AM

**Symposium: Leadership** 1:00 – 3:00 PM

**Symposium: Transanal Total Mesorectal Excision (taTME)** Hands-on Lab 1:00 – 4:30 PM

**Symposium: Question Writing Workshop** 1:00 – 4:30 PM

**Symposium: Advanced Methods for the Management of Rectal Prolapse Hands-on Lab** 1:00 – 4:30 PM
<table>
<thead>
<tr>
<th>Time</th>
<th>Sunday, May 20</th>
<th>Monday, May 21</th>
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<tbody>
<tr>
<td>6:00 am</td>
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</tbody>
</table>

**Advanced Endoscopy Symposium and Workshop**

**Complimentary Box Lunch in Exhibit Hall**
11:45 AM – 12:45 PM

**Welcome and Opening Announcements**
12:45 – 1:30 PM

**Norman D. Nigro, MD, Research Lectureship**
1:30 – 2:15 PM

**Complimentary Box Lunch in Exhibit Hall**
11:45 AM – 12:45 PM

**Welcome Reception**
7:00 – 10:00 PM

**Meet the Professor Breakfasts**
7:00 – 8:00 AM

**Meet the Professor Breakfasts**
7:00 – 8:00 AM

**Meet the Professor Breakfasts**
7:00 – 8:00 AM

**Symposium: Coffee and Controversies**
7:00 – 8:00 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Coffee and E-poster Presentations in Exhibit Hall**
3:30 – 4:00 PM

**Symposium: Ask the Expert Panel – Complex Cases**
10:00 – 10:45 AM

**Presidential Address**
10:45 – 11:30 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Complimentary Box Lunch and E-poster Presentations in Exhibit Hall**
11:30 AM – 12:45 PM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Financial Planning for the Colorectal Surgeon: Everything You Have Always Wanted to Know But Were Afraid to Ask**
2:00 – 3:30 PM

**Ice Cream & Refreshment Break and E-poster Presentations in Exhibit Hall**
3:30 – 4:00 PM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Residents’ Reception**
6:30 – 8:00 PM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM

**Symposium:**

**Breakfasts**
7:00 – 8:00 AM
### TUESDAY, MAY 22

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 am</td>
<td>ASCRS Annual Business Meeting and State of the Society Address</td>
</tr>
<tr>
<td>6:45 pm</td>
<td>ASCRS Fellowship Reception</td>
</tr>
<tr>
<td>6:00 am</td>
<td>Meet the Professor Breakfasts</td>
</tr>
<tr>
<td>7:00 am</td>
<td>Meet the Professor Breakfasts</td>
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<tr>
<td>8:00 pm</td>
<td>Meet the Professor Breakfasts</td>
</tr>
<tr>
<td>9:00 pm</td>
<td>Meet the Professor Breakfasts</td>
</tr>
<tr>
<td>10:00 pm</td>
<td>ASCRS Music City Gala</td>
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### WEDNESDAY, MAY 23

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>6:00 am</td>
<td>ASCRS Annual Business Meeting and State of the Society Address</td>
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<tr>
<td>6:45 pm</td>
<td>ASCRS Fellowship Reception</td>
</tr>
<tr>
<td>6:00 am</td>
<td>Meet the Professor Breakfasts</td>
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<td>Meet the Professor Breakfasts</td>
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<td>8:00 pm</td>
<td>Meet the Professor Breakfasts</td>
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<tr>
<td>9:00 pm</td>
<td>Meet the Professor Breakfasts</td>
</tr>
<tr>
<td>10:00 pm</td>
<td>ASCRS Music City Gala</td>
</tr>
<tr>
<td>HOURS</td>
<td>ROOM</td>
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<tr>
<td>Saturday, May 19</td>
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</tr>
<tr>
<td>7:00 am – 2:00 pm</td>
<td>Executive Council Meeting</td>
</tr>
<tr>
<td>3:00 – 6:00 pm</td>
<td>Research Foundation Research Committee</td>
</tr>
<tr>
<td>7:00 – 9:00 am</td>
<td>Research Foundation Board of Trustees Meeting</td>
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<tr>
<td>9:00 – 10:15 am</td>
<td>DC&amp;R Co-editors Meeting</td>
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<tr>
<td>10:00 am – noon</td>
<td>Pelvic Floor Disorders Consortium Inaugural Meeting</td>
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<tr>
<td>10:15 – 10:45 am</td>
<td>DC&amp;R Section Editors Meeting</td>
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<tr>
<td>11:00 am – 12:45 pm</td>
<td>DC&amp;R Editorial Board Meeting</td>
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<tr>
<td>11:30 am – 12:30 pm</td>
<td>Rectal Cancer Coordinating Committee</td>
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<tr>
<td>11:45 am – 12:45 pm</td>
<td>Awards Committee</td>
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<tr>
<td>2:30 – 3:30 pm</td>
<td>Self-Assessment Committee</td>
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<tr>
<td>3:00 – 4:00 pm</td>
<td>Social Media Committee</td>
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<td>3:45 – 4:45 pm</td>
<td>Membership Committee</td>
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<td>4:00 – 5:00 pm</td>
<td>Healthcare Economics Committee</td>
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<tr>
<td>5:00 – 6:00 pm</td>
<td>Regional Society Committee</td>
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<td>Awards Committee</td>
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<tr>
<td>Monday, May 21</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Clinical Practice Guidelines Committee</td>
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<td>8:00 – 9:00 am</td>
<td>History of ASCRS Committee</td>
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<tr>
<td>8:00 – 9:30 am</td>
<td>Young Surgeons Committee</td>
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<tr>
<td>9:00 – 10:00 am</td>
<td>Continuing Education Committee</td>
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<tr>
<td>9:00 – 10:00 am</td>
<td>New Technologies Committee</td>
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<tr>
<td>11:30 am – 12:30 pm</td>
<td>Residents Committee</td>
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<tr>
<td>11:30 am – 12:45 pm</td>
<td>Awards Committee</td>
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<tr>
<td>Noon – 1:00 pm</td>
<td>Operative Competency Evaluation Committee</td>
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<td>1:00 – 2:00 pm</td>
<td>CREST Committee</td>
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<td>1:00 – 2:30 pm</td>
<td>Public Relations Committee</td>
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<td>2:30 – 3:30 pm</td>
<td>Inflammatory Bowel Disease Committee</td>
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<td>3:30 – 4:45 pm</td>
<td>Awards Committee</td>
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<tr>
<td>5:00 – 6:00 pm</td>
<td>Committee Chair Meeting</td>
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<tr>
<td>Tuesday, May 22</td>
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<tr>
<td>8:30 – 9:30 am</td>
<td>Research Foundation Young Researchers Committee</td>
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<tr>
<td>8:30 – 10:00 am</td>
<td>Fundamentals of Rectal Cancer Surgery Committee</td>
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<tr>
<td>9:30 – 10:30 pm</td>
<td>Website Committee</td>
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<tr>
<td>9:45 – 10:45 am</td>
<td>Professional Outreach Committee</td>
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<tr>
<td>2:00 – 3:00 pm</td>
<td>Quality Assessment and Safety Committee</td>
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<tr>
<td>3:15 – 4:15 pm</td>
<td>Awards Committee</td>
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<tr>
<td>Wednesday, May 23</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>Video-Based Education Committee</td>
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<td>7:00 – 9:00 am</td>
<td>Governance Committee</td>
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<tr>
<td>11:30 am – 1:00 pm</td>
<td>Steering Committee on Pelvic Floor Disorders</td>
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<tr>
<td>3:30 – 4:30 pm</td>
<td>Awards Committee</td>
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</tbody>
</table>

*All meetings are held in the Music City Center unless otherwise noted.*
*1899 – 1900 Joseph M. Mathews
*1900 – 1901 James P. Tuttle
*1902 – 1903 Samuel T. Earle
*1903 – 1904 William M. Beach
*1904 – 1905 J. Rawson Pennington
*1905 – 1906 Lewis H. Adler, Jr.
*1906 – 1907 Samuel G. Gant
*1907 – 1908 A. Bennett Cooke
*1908 – 1909 George B. Evans
*1909 – 1910 Dwight H. Murray
*1911 – 1912 John L. Jelks
*1912 – 1913 Louis J. Hirschman
*1913 – 1914 Joseph M. Mathews
*1914 – 1915 Louis J. Krause
*1915 – 1916 T. Chittenden Hill
*1916 – 1917 Alfred J. Zobel
*1917 – 1919 Jerome M. Lynch
*1919 – 1920 Collier F. Martin
*1920 – 1921 Alois B. Graham
*1921 – 1922 Granville S. Hanes
*1922 – 1923 Emmett H. Terrell
*1923 – 1924 Ralph W. Jackson
*1924 – 1925 Frank C. Yeomans
*1925 – 1926 Descum C. McKenney
*1926 – 1927 William H. Kiger
*1927 – 1928 Louis A. Buie
*1928 – 1929 Edward G. Martin
*1929 – 1930 Walter A. Fansler
*1930 – 1931 Dudley Smith
*1931 – 1932 W. Oakley Hermance
*1932 – 1933 Curtice Rosser
*1933 – 1934 Curtis C. Mechling
*1934 – 1935 Louis A. Buie
*1935 – 1936 Frank G. Runyeon
*1936 – 1937 Marion C. Pruitt
*1937 – 1938 Harry Z. Hibshman
*1938 – 1939 Dudley Smith

*1939 – 1940 Martin S. Kleckner
*1940 – 1941 Clement J. Debere
*1941 – 1942 Frederick B. Campbell
*1942 – 1944 Homer I. Silvers
*1944 – 1946 William H. Daniel
*1946 – 1947 Joseph W. Ricketts
*1947 – 1948 George H. Thiele
*1948 – 1949 Harry E. Bacon
*1949 – 1950 Louis E. Moon
*1950 – 1951 Hoyt R. Allen
*1951 – 1952 Robert A. Scarborough
*1952 – 1953 Newton D. Smith
*1953 – 1954 W. Wendell Green
*1954 – 1955 A.W. Martin Marino, Sr.
*1955 – 1956 Stuart T. Ross
*1956 – 1957 Rufus C. Alley
*1957 – 1958 Julius E. Linn
*1958 – 1959 Karl Zimmerman
*1959 – 1960 Hyrum R. Reichman
*1960 – 1961 Walter A. Fansler
*1961 – 1962 Merrill O. Hines
*1962 – 1963 Robert J. Rowe
*1963 – 1964 Robert A. Scarborough
*1964 – 1965 Garnet W. Ault
*1965 – 1966 Norman D. Nigro
*1967 – 1968 Raymond J. Jackman
*1968 – 1969 Neil W. Swinton
*1969 – 1970 James A. Ferguson
*1970 – 1971 Walter Birnbaum
*1971 – 1972 Andrew Jack McAdams
*1972 – 1973 John E. Ray
*1974 – 1975 Rupert B. Turnbull
*1975 – 1976 Patrick H. Hanley
*1978 – 1979 Donald M. Gallagher
*1979 – 1980 Stuart H.Q. Quan

*1981 – 1982 Bertram A. Portin
1983 – 1984 Stanley M. Goldberg
*1985 – 1986 Eugene P. Salvati
1987 – 1988 Frank J. Theuerkauf
1988 – 1989 Herand Abcarian
1990 – 1991 Peter A. Volpe
1992 – 1993 W. Patrick Mazier
1993 – 1994 Samuel B. Labow
*1994 – 1995 Philip H. Gordon
1996 – 1997 David A. Rothenberger
1997 – 1998 Ira J. Kodner
1998 – 1999 Lee E. Smith
1999 – 2000 H. Randolph Bailey
*2000 – 2001 John M. MacKeigan
2001 – 2002 Robert D. Fry
2004 – 2005 Bruce G. Wolff
2006 – 2007 Lester Rosen
*2007 – 2008 W. Douglas Wong
2008 – 2009 Anthony J. Senagore
2009 – 2010 James W. Fleshman
2010 – 2011 David E. Beck
2011 – 2012 Steven D. Wexner
2012 – 2013 Alan G. Thorson
2013 – 2014 Michael J. Stamos
2014 – 2015 Terry C. Hicks
2015 – 2016 Charles E. Littlejohn
2016 – 2017 Patricia L. Roberts

*Deceased
**Workshop**

**Advanced Robotics for the Practicing Surgeon**

7:00 am – noon
Room: 205

**Ticket Required** • Member Fee: $625 • Nonmember Fee: $750 • Limit: 20 participants

Supported by independent educational grants and loaned durable equipment from:
- Applied Medical
- CONMED – Advanced Surgical
- Intuitive
- Medrobotics, Inc.
- Medtronic

This cadaveric workshop will offer the practicing surgeon a highly customized and procedural oriented hands-on experience that demonstrates state of the art techniques, employed in a variety of colorectal operations, including intraabdominal and transanal operations. The focus will be on tips, tricks, and advanced maneuvers to facilitate robotic ascending colectomy, intracorporeal anastomosis, low anterior resection, and (for the first time ever) transanal surgical resection with a flexible robot to various heights from the anal verge.

**Existing Gaps**

**What Is:** Easily available resources to guide surgeons wishing to adopt robotic surgery are limited, especially hands-on sessions. Standardization of procedures according to best practices is also lacking in robotic surgery.

**What Should Be:** Ample opportunity should exist to provide practical operative experience to both novice and more experienced surgeons and interactions with highly experienced faculty.

**Objectives:** At the conclusion of this session, participants should be able to:
- Describe the set up and instrumentation of advanced robotic colorectal procedures.
- Explain different procedural approaches in robotic colorectal surgery.
- Explain how to troubleshoot and address specific robotic-related complications in colorectal surgery.

**Co-directors:** Vincent Obias, MD, Washington, DC
Mark Soliman, MD, Orlando, FL

**Faculty:**
- Ovunc Bardakcioglu, MD, Las Vegas, NV
- Eric Haas, MD, Houston, TX
- Sanghyun Kim, MD, New York, NY
- Bryce Murray, MD, Tulsa, OK
- Elizabeth Raskin, MD, Loma Linda, CA
- Craig Rezac, MD, New Brunswick, NJ
- Warren Strutt, MD, Denver, CO
Symposium and Workshop

Advanced Methods for the Management of Rectal Prolapse

7:30 am – 4:30 pm
Rooms: Davidson Ballroom Salon B (Level 1M) and 205

Ticket Required (Includes Didactic and Hands-on Workshop) • Member Fee: $625 • Nonmember Fee: $750
Limit: 20 participants • Lunch Included
Didactic Session Only: $25 (7:30 am – noon)

Supported by independent educational grants and loaned durable equipment from:
Applied Medical
Cook Medical
Intuitive
Johnson & Johnson Medical Devices Companies (Ethicon)
Medtronic
Olympus America Inc.

Rectal prolapse is a debilitating condition with both functional and anatomic sequelae. Recurrence rates for complete rectal prolapse have been reported as high as 10-20%. The surgical approach to treat these recurrences remains an unresolved problem. Laparoscopic Ventral Rectopexy (LVR) is the current gold standard for treatment of rectal prolapse in European countries.

LVR can correct full-thickness rectal prolapse, rectoceles and internal rectal prolapse and can be combined with vaginal prolapse procedures, such as sacrocolpopexy, in patients with multi-compartment pelvic floor defects. Limiting dissection to the anterior rectum minimizes autonomic nerve damage associated with posterior dissection and division of the lateral stalks.

LVR is technically demanding and requires a complete ventral dissection of the rectovaginal septum (rectovesical in men) down to the pelvic floor and suturing skills within a confined space that further maximizes the difficulty. Poor technique minimizes the functional benefit and increases the risk for complications. Formal training programs in Ventral Rectopexy (VR) can help to avoid complications and improve outcomes.

Existing Gaps

What Is: Laparoscopic/Robotic Ventral Rectopexy corrects descent of the anterior and middle pelvic floor compartments and has shown to be successful for improving full thickness rectal prolapse, internal prolapse, enterocele, rectocele, fecal incontinence and obstructed defecation. LVR is the gold standard for rectal prolapse repair in Europe. There are few training opportunities in the United States for LVR and RVR.

What Should Be: Surgeons should have the opportunity to learn the techniques of LVR and RVR through didactic video based learning and simulation. Surgeons should also be familiar with other prolapse operations for patients who are not optimal candidates for VR.

Objectives: At the conclusion of this session, participants should be able to:
• Explain Laparoscopic Ventral Rectopexy, indications and long-term outcomes.
• Describe surgical steps for Ventral Rectopexy.
• Distinguish how to avoid and how to deal with surgical complications after prolapse surgery.

Co-directors: Brooke Gurland, MD, Stanford, CA
Andrew Stevenson, MD, Chermside, Australia

Continued next page
**Advanced Methods for the Management of Rectal Prolapse** (continued)

### Didactic Session

**7:30 am – noon**  
Room: Davidson Ballroom Salon B (Level 1M)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td><strong>Introduction</strong></td>
<td>Brooke Gurland, MD, Stanford, CA Andrew Stevenson, MD, Chermside, Australia</td>
</tr>
<tr>
<td>7:40 am</td>
<td><strong>Principles and Evolution of Procedures for Rectal Prolapse</strong></td>
<td>Stanley Goldberg, MD, Minneapolis, MN</td>
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<tr>
<td>7:55 am</td>
<td><strong>VR – Evolution of Technique and Long Term Outcomes</strong></td>
<td>Andre D’Hoore, MD, PhD, Leuven, Belgium</td>
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<tr>
<td>8:10 am</td>
<td><strong>Testing? What Helps Me Prior to Prolapse/VR Repair?</strong></td>
<td>Amy Thorsen, MD, Minneapolis, MN</td>
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<tr>
<td>8:25 am</td>
<td><strong>Synthetic vs. Biologic – The “Mesh” Debate</strong></td>
<td>James Ogilvie, Jr., MD, Grand Rapids, MI</td>
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<tr>
<td>8:40 am</td>
<td><strong>Patient Selection – Is Everyone a Candidate for VR?</strong></td>
<td>Anders Mellgren, MD, Chicago, IL</td>
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<tr>
<td>8:55 am</td>
<td><strong>Management and Prevention of VR Complications</strong></td>
<td>Elizabeth Raskin, MD, Loma Linda, CA</td>
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<tr>
<td>9:10 am</td>
<td><strong>LVR Surgery Video: How I Do It</strong></td>
<td>Roel Hompes, MD, Oxford, United Kingdom</td>
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<tr>
<td>9:30 am</td>
<td><strong>Questions and Answers</strong></td>
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<td>9:50 am</td>
<td><strong>Refreshment Break in Foyer</strong></td>
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<tr>
<td>10:00 am</td>
<td><strong>Is VR the Panacea for Obstructed Defecation Syndrome?</strong></td>
<td>Roel Hompes, MD, Oxford, United Kingdom</td>
</tr>
<tr>
<td>10:10 am</td>
<td><strong>And It’s Back! Dealing with Recurrent Rectal Prolapse</strong></td>
<td>Brooke Gurland, MD, Stanford, CA</td>
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<tr>
<td>10:25 am</td>
<td><strong>Robotic VR Surgery Video – How I Do It</strong></td>
<td>Joseph Carmichael, MD, Orange, CA</td>
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<tr>
<td>10:45 am</td>
<td><strong>Top Ten Tips for VR – Synthetics</strong></td>
<td>Andre D’Hoore, MD, PhD, Leuven, Belgium</td>
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<tr>
<td>10:55 am</td>
<td><strong>Top Ten Tips for VR – Biologics</strong></td>
<td>Andrew Stevenson, MD, Chermside, Australia</td>
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<tr>
<td>11:05 am</td>
<td><strong>Top Ten Tips to Avoid Complications</strong></td>
<td>Brooke Gurland, MD, Stanford, CA</td>
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<tr>
<td>11:15 am</td>
<td><strong>Panel Discussion and Case Presentations</strong></td>
<td>Liliana Bordeianou, MD, Boston, MA James Ogilvie, Jr., MD, Grand Rapids, MI</td>
</tr>
<tr>
<td>11:45 am</td>
<td><strong>Questions and Answers</strong></td>
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<tr>
<td>Noon</td>
<td>Adjourn</td>
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<tr>
<td>Noon</td>
<td><strong>Lunch Provided for Hands-on Lab Participants</strong></td>
<td>(Room: 204)</td>
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</tbody>
</table>

### Hands-on Workshop

**SOLD OUT**

**1:00 – 4:30 pm • Ticket Required**

Room: 205

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</table>
| 1:00 pm| Simulation Demonstration/ Laparoscopic and Robotic to Describe Procedure Steps with Models and Step-by-Step Live Demonstration by the Experts  
All Faculty                                                                 |
| 1:30 pm| Hands-on Participation Begins                                             |
| 4:30 pm| Adjourn                                                                  |
Transanal Total Mesorectal Excision (taTME)

7:30 am – 4:30 pm
Rooms: Davidson Ballroom Salon A (Level 1M) and 202

Ticket Required • Registration and Pre-registration Survey Required (Includes Didactic and Hands-on Workshop) • Fee: $1,100
Limit: 16 participants • Lunch Included
Didactic Session Only: $25 (7:30 am – noon)

Supported by independent educational grants and loaned durable equipment from:
Applied Medical
CONMED – Advanced Surgical
CooperSurgical
Johnson & Johnson Medical Devices Companies (Ethicon)
KARL STORZ Endoscopy-America, Inc.
Medtronic
Olympus America Inc.
Stryker

The standard of care in rectal cancer treatment requires multidisciplinary team assessment and strategies with Total Mesorectal Excision (TME) at the cornerstone of curative resection. Despite the demonstrated short-term clinical benefits over traditional open TME, minimally invasive abdominal approaches have failed to overcome the formidable challenge of accessing the deep pelvis to achieve distal rectal transection with negative margins and an intact mesorectum.

Transanal Total Mesorectal Excision (taTME) has recently emerged as a promising novel minimally invasive alternative in the surgical treatment of rectal cancer. This technique was developed to facilitate completion of TME for low- and mid-rectal tumors by using transanal rather than transabdominal access. Through the use of available transanal endoscopic platforms, rectal and mesorectal dissection can be completed endoluminally with early identification of the distal transection margin and direct in-line exposure of perirectal and mesorectal planes.

During the morning didactic session, the evolution of taTME will be reviewed, including global trends in adoption, short- and long-term results to date, ongoing clinical trials, as well as newer trends in transanal endoscopic proctectomy. Experts will review the current consensus on patient selection, relevant pelvic anatomy, prerequisite skills and training recommended to ensure safe implementation. Techniques will be reviewed through in-depth taTME video-based demonstrations, clinical case presentations, operative set up and key steps in transanal dissection based on tumor location. Pitfalls during dissection will be demonstrated with tips and tricks on how to overcome intraoperative difficulties and complications.

The hands-on workshop is intended to train high volume rectal cancer surgeons with expertise in minimally invasive TME and transanal endoscopic surgery (TES). Each surgical team will perform taTME on one platform with laparoscopic assistance.

Existing Gaps
What Is: A lack of clinical experience with and training in taTME operation persists, particularly in the United States.

What Should Be: This course will review the current status of taTME, indication and contraindications for taTME, recommended training, safe adoption and implementation of taTME programs, operative setup and specific techniques, as well as pitfalls and complications. In-depth didactic lectures with videos will be provided by expert faculty.

Objectives: At the conclusion of this session, participants should be able to:
• Explain the rationale, indications, contraindications for taTME based on published evidence and review of clinical outcomes.
• Recognize the recommended prerequisite skills and training guidelines for safe adoption and implementation of taTME.
• Apply recommended taTME dissection techniques, identify anatomic landmarks and recognize correct and incorrect dissection planes.

Co-directors: Patricia Sylla, MD, New York, NY
Justin Maykel, MD, Worcester, MA
Transanal Total Mesorectal Excision (taTME) (continued)

Didactic Session

7:30 am – noon
Room: Davidson Ballroom Salon A (Level 1M)

7:30 am  Introduction
Patricia Sylla, MD, New York, NY

**taTME Evolution and Revolution**

7:35 am  taTME Evolution and Rationale
Antonio Lacy, MD, Barcelona, Spain

7:45 am  Uptake of taTME: A Global Perspective
Andrew Stevenson, MD, Brisbane, Australia

7:55 am  taTME: Outcomes to Date
Roel Hompes, MD, Oxford, United Kingdom

8:05 am  Next Steps in Validation of taTME – Europe
Jurriaan Tuynman, MD, Amsterdam, The Netherlands

8:15 am  Next Steps in Validation of taTME – US/Asia
Patricia Sylla, MD, New York, NY

8:25 am  Questions and Answers

**taTME Toolbox: Anatomy, Training and Implementation**

9:00 am  taTME Toolbox: Pelvic Anatomy
Sam Atallah, MD, Winter Park, FL

9:10 am  Patient Selection for Benign and Malignant Indications
Todd Francone, MD, Boston, MA

9:20 am  Standardizing Training and Technique
Joep Knol, MD, Hasselt, Belgium

9:30 am  Safe Adoption and Implementation of a taTME Program
Justin Maykel, MD, Worcester, MA

9:40 am  Not as Pretty as on YouTube: Preparing for and Managing Complications
Elisabeth McLemore, MD, Los Angeles, CA

9:50 am  Questions and Answers

10:15 am  Refreshment Break in Foyer

**Operative Techniques and Strategies (Video-Based)**

10:25 am  OR Team Setup and Options in Instrumentation
Rodrigo Perez, MD, PhD, Sao Paulo, Brazil

10:35 am  taTME for Mid-Rectal Tumors: Pursestring and Circumferential Dissection
Carl Brown, MD, Vancouver

10:45 am  taTME for Low Rectal Tumors: Mucosectomy and Intersphincteric Resection
Mark Whiteford, MD, Portland, OR

10:55 am  Anastomotic Reconstruction: Techniques and Troubleshooting
Elena Vikis, MD, Vancouver, Canada

11:05 am  Intraoperative Misadventures: Getting Out of Trouble
Matthew Albert, MD, Altamonte Springs, FL

11:15 am  Questions and Answers

11:25 am  Case Presentations
All Faculty

Noon  Adjourn

Noon  Lunch Provided for Hands-on Lab Participants (Room: 204)

Continued next page
Transanal Total Mesorectal Excision (taTME) (continued)

Hands-on Workshop
1:00 – 4:30 pm • Ticket Required
Room: 202

1:00 pm  Instructions to the Lab
Justin Maykel, MD, Worchester, MA

taTME and Pursestring Stations:
Matthew Albert, MD, Altamonte Springs, FL
Sam Atallah, MD, Winter Park, FL
Joep Knol, MD, Hasselt, Belgium
Antonio Lacy, MD, Barcelona, Spain
Elena Vikis, MD, Vancouver, Canada
Roel Hompes, MD, Oxford, United Kingdom
Jurriaan Tuynman, MD, Amsterdam, The Netherlands
Karim Alavi, MD, Worcester, MA
Marylise Boutros, MD, Montreal, Canada
Elisabeth McLemore, MD, Los Angeles, CA
Todd Francone, MD, Boston, MA
Mark Whiteford, MD, Portland, OR
Carl Brown, MD, Vancouver, Canada
Mark Sun, MD, Minneapolis, MN

4:15 pm  Debrief
4:30 pm  Adjourn
AIN and HRA: What the Colorectal Surgeon Needs to Know

7:30 am – 4:30 pm
Rooms: 209A, B and C

Ticket Required • Member Fee: $625 • Nonmember Fee: $750 • Limit: 45 participants • Lunch Included

Supported by independent educational grants and loaned durable equipment from:
Carl Zeiss
CONMED – Advanced Surgical
CooperSurgical
Redfield Corporation
Seiler Instrument
THD America Inc.
Zinnanti Surgical Design Group Inc.

The incidence of anal cancer is increasing due to rising rates of human papilloma virus (HPV) infection. HPV infection can lead to anal intraepithelial neoplasia (AIN) that can be identified with high-resolution anoscopy (HRA). While colon and rectal surgeons are very familiar with the evaluation and treatment of anal cancer, many do not know how to identify the anal cancer precursor, AIN, with HRA. While the efficacy of HRA with targeted ablation of HSIL to prevent anal cancer has never been proven through prospective trials, there is a growing awareness even among surgeons who do not utilize HRA that close follow-up is necessary.

Existing Gaps
What Is: While colon and rectal surgeons understand the evaluation and treatment of anal cancer, many are not skilled at the evaluation and treatment of AIN and use of HRA.

What Should Be: Colon and rectal surgeons should have a thorough understanding of AIN. In addition, colon and rectal surgeons should have an understanding of how to use HRA to evaluate and treat AIN. Finally, surgeons should know all the treatment options available for patients with AIN. Even if surgeons do not believe in treatment of HSIL to prevent cancer, they need to know how to recognize progressing lesions and superficially invasive cancers.

Objectives: At the conclusion of this session, participants should be able to:
• Explain the new AJCC anal cancer staging guidelines.
• Describe the prevalence of anal HPV infection.
• Recognize how to best diagnose AIN.
• Describe the fundamentals of how to perform high-resolution anoscopy.
• Identify treatment options available for AIN.

Co-directors: Stephen Goldstone, MD, New York, NY
Mark Welton, MD, Minneapolis, MN

Assistant Director: Naomi Jay, RN, NP, PhD, San Francisco, CA

Continued next page
AIN and HRA: What the Colorectal Surgeon Needs to Know (continued)

Room: 209A

7:30 am  Welcome  
Stephen Goldstone, MD, New York, NY

7:35 am  Introduction to HPV: Scope of the Problem  
Joel Palefsky, MD, San Francisco, CA

7:50 am  Pathology and Cytology and the LAST Criteria  
Teresa Darragh, MD, San Francisco, CA

8:10 am  How to Diagnose AIN: Screening and Diagnostics  
J. Michael Berry-Lawhorn, MD, San Francisco, CA  
Naomi Jay, RN, NP, PhD, San Francisco, CA

8:30 am  Fundamentals of HRA  
Naomi Jay, RN, NP, PhD, San Francisco, CA

8:50 am  HRA Findings of AIN and Biopsy  
Naomi Jay, RN, NP, PhD, San Francisco, CA  
J. Michael Berry-Lawhorn, MD, San Francisco, CA

9:50 am  Refreshment Break in Foyer

10:00 am  HRA Guided Treatment Options and Management Algorithms  
Stephen Goldstone, MD, New York, NY  
Joel Palefsky, MD, San Francisco, CA

10:50 am  Panel Discussion and Questions  
J. Michael Berry-Lawhorn, San Francisco, CA  
Teresa Darragh, MD, San Francisco, CA  
Stephen Goldstone, MD, New York, NY  
Naomi Jay, RN, NP, PhD, San Francisco, CA  
Joel Palefsky, MD, San Francisco, CA  
Mark Welton, MD, Minneapolis, MN

11:15 am – 12:45 pm

<table>
<thead>
<tr>
<th>Time</th>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
</tr>
</thead>
</table>
| 11:15 – 11:45 am | Lesion Identification (Understanding Lesion Patterns to Differentiate LG from HG)  
Gallery of Images  
Naomi Jay, RN, NP, PhD  
(Room: 209A) | HRA the Movie  
Joel Palefsky, MD  
(Room: 209C) | Hands-on Workshop:  
HRA Including Use of the Colposcope and Biopsy Techniques  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
Stephen Goldstone, MD  
Mark Welton, MD  
(Room: 209B) |
| 11:45 am – 12:15 pm | Hands-on Workshop:  
HRA Including Use of the Colposcope and Biopsy Techniques  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
Stephen Goldstone, MD  
Mark Welton, MD  
(Room: 209B) | Lesion Identification (Understanding Lesion Patterns to Differentiate LG from HG)  
Gallery of Images  
Naomi Jay, RN, NP, PhD  
(Room: 209A) | HRA the Movie  
Joel Palefsky, MD  
(Room: 209C) |
| 12:15 – 12:45 pm | Lesion Identification (Understanding Lesion Patterns to Differentiate LG from HG)  
Gallery of Images  
Naomi Jay, RN, NP, PhD  
(Room: 209A) | Hands-on Workshop:  
HRA Including Use of the Colposcope and Biopsy Techniques  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
Stephen Goldstone, MD  
Mark Welton, MD  
(Room: 209B) | Lesion Identification (Understanding Lesion Patterns to Differentiate LG from HG)  
Gallery of Images  
Naomi Jay, RN, NP, PhD  
(Room: 209A) |

1:00 pm  Lunch with Panel Discussion and Questions (Room: 209A)
# AIN and HRA: What the Colorectal Surgeon Needs to Know (continued)

## 2:00 – 3:30 pm

<table>
<thead>
<tr>
<th>Group 1</th>
<th>2:00 – 2:30 pm</th>
<th>2:30 – 3:00 pm</th>
<th>3:00 – 3:30 pm</th>
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</thead>
</table>
| IRC and Hyfrecator Movie  
Stephen Goldstone, MD  
(Room: 209C) | **Hands-on Workshop:**  
HRA Treatment Practicum  
Naomi Jay, RN, NP, PhD  
Joel Palefsky, MD  
Mark Welton, MD  
(Room: 209B) | Cases: Identifying Lesions,  
Determining Sites for Biopsies  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
(Room: 209A) |

<table>
<thead>
<tr>
<th>Group 2</th>
<th>2:00 – 2:30 pm</th>
<th>2:30 – 3:00 pm</th>
<th>3:00 – 3:30 pm</th>
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</thead>
</table>
| Cases: Identifying Lesions,  
Determining Sites for Biopsies  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
(Room: 209A) | IRC and Hyfrecator Movie  
Stephen Goldstone, MD  
(Room: 209C) | **Hands-on Workshop:**  
HRA Treatment Practicum  
Naomi Jay, RN, NP, PhD  
Joel Palefsky, MD  
Mark Welton, MD  
(Room: 209B) |

<table>
<thead>
<tr>
<th>Group 3</th>
<th>2:00 – 2:30 pm</th>
<th>2:30 – 3:00 pm</th>
<th>3:00 – 3:30 pm</th>
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</thead>
</table>
| **Hands-on Workshop:**  
HRA Treatment Practicum  
Naomi Jay, RN, NP, PhD  
Joel Palefsky, MD  
Mark Welton, MD  
(Room: 209B) | Cases: Identifying Lesions,  
Determining Sites for Biopsies  
J. Michael Berry-Lawhorn, MD  
Teresa Darragh, MD  
(Room: 209A) | IRC and Hyfrecator Movie  
Stephen Goldstone, MD  
(Room: 209C) |

Room: 209A

3:30 pm  **Incorporating Anal Dysplasia Diagnosis and Treatment Into Your Practice**  
Mark Welton, MD, Minneapolis, MN

4:00 pm  **Panel Discussion of Practice Models, Judging Competency and Special Considerations**  
J. Michael Berry-Lawhorn, San Francisco, CA  
Teresa Darragh, MD, San Francisco, CA  
Stephen Goldstone, MD, New York, NY  
Naomi Jay, RN, NP, PhD, San Francisco, CA  
Joel Palefsky, MD, San Francisco, CA  
Mark Welton, MD, Minneapolis, MN

4:30 pm  **Adjourn**
According to the World Health Organization, at the very granular level, health care policy refers to decisions, plans and actions undertaken to achieve specific health care goals within a society. A precise health care policy with a defined vision, priorities and roles of various groups, which builds consensus and informs people, can pave the way for the future. Surgery and advocacy on the national level and state level are impacted by socioeconomic issues, legislative issues and regulatory issues. Communication between health care professionals, legislators, decision-makers and researchers is paramount. Health care policy can include policies and practices regarding access to care and health equity, delivery of care, payment models and financing of health care. Health care policy can be implemented on a global, national, state, local and individual basis.

Advocacy is a necessary and gained skill that allows for support and recommendation of particular health care policies that benefit patients, physicians and other constituents who are affected by said policies. The restructuring of the Affordable Care Act, redesign of Medicaid, implementation and coordination of Medicare with Medicaid, bundled care, MIPS and reporting structures, payer systems and access to and equality of care for patients including health maintenance and prevention are some of the issues that are of discussion at the national level and state level.

The symposium will educate attendees so that they might understand health care policy as it applies to colorectal surgical practice. Insight, perspective and an understanding of effective advocacy may promote a proactive approach to health care policy and reform among ASCRS members. A raised awareness and improved base of knowledge will allow adaptability and understanding of the many changes to health care policy that are anticipated in the coming years.

Existing Gaps

What Is: Health care policy is rapidly evolving on a state and national level. These policies directly affect the practice of colorectal surgery. It has become a challenge for our members to follow and understand health care policy as it rapidly evolves.

What Should Be: Each of our members should have a basic understanding of the changes in health care policy and be able to apply them to the practice of colorectal surgery. As a Society, we must provide the opportunity to our membership to have access and resources for ongoing education and insight regarding health care policy.

Objectives: At the conclusion of this session, participants should be able to:
• Explain current issues in national and global health care policy.
• Recognize health care disparities.
• Identify areas of potential state and national advocacy.

Co-directors: Walter Peters, Jr., MD, Dallas, TX
Kelly Tyler, MD, Springfield, MA

9:30 am  Introduction
Walter Peters, Jr., MD, Dallas, TX
Kelly Tyler, MD, Springfield, MA

9:35 am  Update on Current Health Care Legislation
George Blestel, MD, Greer, SC

9:50 am  The Surgeon and the Opioid Epidemic
Walter Peters, Jr., MD, Dallas, TX

10:00 am  Disparities in Care in Colorectal Surgery
Timothy Geiger, MD, Nashville, TN

10:30 am  Is a Single Payer System the Answer?
Kelly Tyler, MD, Springfield, MA

10:50 am  Access to Care: The Future of the Health Care Insurance Market
Lawrence Van Horn, PhD, Nashville, TN

11:10 am  Questions and Answers

11:30 am  Adjourn

2.0 CME
Symposium


10:00 – 11:30 am
Room: 208
Ticket Required • Limit: 70 participants

The peer review process is central to the continued advancement of surgical knowledge. It requires continuous critical review of new manuscripts to ensure that the best available evidence is disseminated within the surgical community. While the practicing surgeon relies on the editorial process to a great extent to separate the “wheat from the chaff,” he/she also requires solid critical appraisal skills to ensure that evidence from published studies is relevant and appropriate for individual patient care. While the editor asks “Does this manuscript add significant knowledge to the literature?” the surgeon asks “Does this manuscript add significant knowledge to change my practice?”

There are three generic types of surgical trials: exploratory trials to assess utility, explanatory trials to assess efficacy and pragmatic trials to assess effectiveness. Methodologies include observational studies (cohort or case control), administrative database studies, randomized controlled trials (RCT), structured reviews and meta-analyses. Each methodology has its purpose and place in the investigation of surgical care and its own strengths and weaknesses.

This symposium is aimed at two groups: present and prospective reviewers for the Diseases of the Colon & Rectum and the practicing surgeon who wants to increase his/her critical appraisal skills of the scientific literature. During this symposium, we will examine the most common primary methodologies, identify appropriate questions to investigate, identify the advantages and disadvantages and the common mistakes in study conduct, reporting and conclusions. We will also explore essential resources for additional learning in this area.

Existing Gaps

What Is: Evidence is presented in many forms using many methodologies. Familiarity with these methodologies is necessary to evaluate the continued stream of manuscripts with respect to study design, conduct, results and conclusions. The knowledge and ability to analyze these methodologies may not be common to all in our group.

What Should Be: As colorectal surgeons, we should be familiar with the literature not only with respect to content, but with measures of quality. The ability to recognize a quality paper is an essential skill for the journal reviewer and the practicing surgeon alike.

Objectives: At the conclusion of this session, participants should be able to:
• Recognize when observational studies can provide relatively strong evidence.
• Identify the advantages and limitations of administrative database studies.
• Recognize potential for bias and methodological issues within randomized controlled trials.
• Recall the components of a valuable comprehensive systematic review and meta-analysis.
• Apply resources to enhance your critical appraisal skills.

Co-directors: W. Donald Buie, MD, Toronto, Canada
Susan Galandiuk, MD, Louisville, KY

10:00 am Introduction
W. Donald Buie, MD, Toronto, Canada

10:05 am Observational Studies: How and When Are They Valuable?
David Stewart, MD, Tucson, AZ

10:20 am Administrative Database Studies: A Plethora of Numbers, A Paucity of Detail
Rocco Ricciardi, MD, Boston, MA

10:35 am Randomized Controlled Trials: It’s All in the Methods
Christine Jensen, MD, Coon Rapids, MN

10:50 am Systematic Reviews & Meta-Analyses: Reproducibility, Reliability and Validity
Fergal Fleming, MD, Rochester, NY

11:05 am Resources, Reviews & Publishers: Raising Your Game
Susan Galandiuk, MD, Louisville, KY

11:15 am Panel Discussion

11:30 am Adjourn
**Workshop**

**Young Surgeons Mock Orals & More**

12:30 – 5:30 pm
Room: 207CD

*Ticket Required • Candidate Member Fee: $50 • Member Fee: $150 • Nonmember Fee: $200
Limit: 120 participants*

To achieve certification by The American Board of Colon and Rectal Surgery (ABCRS), a candidate must pass a Written Examination (Part I) and an Oral Examination (Part II). The Oral Examination is taken once the candidate passes the Written Examination. Its objective is to evaluate candidates’ clinical experience, problem-solving ability and surgical judgment, and to ascertain the candidate’s knowledge of the current literature on colon and rectal diseases and surgery. Additionally, despite years of intensive surgical training, most fellows and faculty receive very little instruction on how to navigate through the obstacles faced while starting a practice. The workshop aims to address these critical needs of current fellows and young faculty.

During this workshop, participants will have an introduction and overview of the structure of the mock oral examination, followed by small group hypothetical practice mock oral exam scenarios, administered by different examiners, with critique of the examinees’ performances. The format replicates the actual ABCRS Oral Examination. Additionally, participants will observe their colleagues’ answers and receive critique on scenarios. Scenarios covered will be those which are heavily tested on the certifying oral examination and are commonly encountered in a standard colorectal practice. Additionally, the session will also provide feedback on performance and guidance in treatment of these various disease processes.

In addition, there will be a dedicated mini-symposium with topics related to board review, transition to practice, academic success and transition of careers. This mini-symposium will be tailored to the participating tracks, Track 1: residents/fellows-in-training or Track 2: physicians in practice applying for board certification.

**Existing Gaps**

**What Is:** No high quality formal mock examination review courses exist to prepare recent colorectal fellowship graduates for the oral examination.

**What Should Be:** Recent graduates from fellowships should be well prepared for this examination which is essential for board certification. In addition, early career advice and support is key to improving success of young surgeons.

**Objectives:** At the conclusion of this session, participants should be able to:

- Describe the structure of the oral examination.
- Practice answering colorectal oral board-style questions in a simulated, high pressure format.
- Demonstrate knowledge among colleagues and learn from previous examinees.
- Explain career level relevant topics.

**Co-directors:** Jennifer Davids, MD, *Worcester, MA*
Jason Mizell, MD, *Little Rock, AR*
Young Surgeons Mock Orals & More (continued)

12:30 – 5:00 pm
Room: 207CD

Track 1 (Residents/Fellows-in-Training):
12:30 pm Small Group Mock Oral Exam
Benjamin Abbadessa, MD, New York, NY; Jennifer Agnew, MD, Garden City, NY; Ellen Bailey, MD, Columbus, OH; Jeffrey Barton, MD, New Orleans, LA; Anuradha Bhama, MD, Cleveland, OH; Brian Bello, MD, Washington, DC; Lisa Cannon, MD, Chicago, IL; Jasna Coralic, MD, Milwaukee, WI; Michelle Cowan, MD, Aurora, CO; Samuel Eisenstein, MD, La Jolla, CA; Leandro Feo, MD, Manchester, NH; Leander Grimm, Jr., MD, Mobile, AL; Michael Guzman, MD, Indianapolis, IN; Deborah Keller, MD, New York, NY; Pamela Lee, MD, San Diego, CA; Kellie Mathis, MD, Rochester, MN; Nelya Melnitchouk, MD, Boston, MA; Conan Mustain, MD, Little Rock, AR; Carrie Peterson, MD, Milwaukee, WI; Tal Raphaeli, MD, Humble, TX; Jennifer Rea, MD, Lexington, KY; David Row, MD, Phoenix, AZ; Steven Scarcliff, MD, Birmingham, AL; Shafik Sidani, MD, Abu Dhabi, United Arab Emirates; Gabriela Vargas, MD, Salt Lake City, UT; Heather Yeo, MD, New York, NY; Karen Zaghiyan, MD, Los Angeles, CA

1:00 – 5:30 pm
Room: 207CD

Track 2 (Physicians in Practice Applying for Board Certification):
1:00 pm Mini-symposium for Physicians
Promoting Your Practice Smartly: Use of Social Media, Websites and Doctor Grading
Sean Langenfeld, MD, Omaha, NE
Billing and Coding: Tips and Tricks
Nelya Melnitchouk, MD, Boston, MA
Avoiding Pitfalls of the Oral Exam
Teresa DeBeche-Adams, MD, Orlando, FL
Finding and Defining Your Niche
Steven Lee-Kong, MD, New York, NY
Coping with Poor Outcomes
Matthew Philp, MD, Philadelphia, PA
Finances 101
Jason Mizell, MD, Little Rock, AR

2:30 pm Mock Oral Overview
Jason Mizell, MD, Little Rock, AR

3:00 pm Refreshment Break in Foyer

3:10 pm Small Group Mock Oral Exam
Benjamin Abbadessa, MD, New York, NY; Jennifer Agnew, MD, Garden City, NY; Ellen Bailey, MD, Columbus, OH; Jeffrey Barton, MD, New Orleans, LA; Anuradha Bhama, MD, Cleveland, OH; Brian Bello, MD, Washington, DC; Lisa Cannon, MD, Chicago, IL; Jasna Coralic, MD, Milwaukee, WI; Michelle Cowan, MD, Aurora, CO; Samuel Eisenstein, MD, La Jolla, CA; Leandro Feo, MD, Manchester, NH; Leander Grimm, Jr., MD, Mobile, AL; Michael Guzman, MD, Indianapolis, IN; Deborah Keller, MD, New York, NY; Pamela Lee, MD, San Diego, CA; Kellie Mathis, MD, Rochester, MN; Nelya Melnitchouk, MD, Boston, MA; Conan Mustain, MD, Little Rock, AR; Carrie Peterson, MD, Milwaukee, WI; Tal Raphaeli, MD, Humble, TX; Jennifer Rea, MD, Lexington, KY; David Row, MD, Phoenix, AZ; Steven Scarcliff, MD, Birmingham, AL; Shafik Sidani, MD, Abu Dhabi, United Arab Emirates; Gabriela Vargas, MD, Salt Lake City, UT; Heather Yeo, MD, New York, NY; Karen Zaghiyan, MD, Los Angeles, CA

5:15 pm Mock Oral Wrap-up, Questions & Surveys
Jennifer Davids, MD, Worcester, MA

5:30 pm Adjourn
Symposium

Leadership

1:00 – 3:00 pm
Room: Davidson Ballroom Salon A (Level 1M)

Leadership in the health care setting is both challenging and complex. Most leadership models were developed for the business setting rather than the health care setting and typically approach the subject from an administrative standpoint. This symposium addresses surgical leadership within the health care setting. It will draw from the cumulative wisdom and experience of surgeon leaders who have summited in their particular surgical fields and institutions to become thought leaders, department chairs, role models, mentors and even icons of surgery. The symposium will draw from this deep well of wisdom to address recent challenges to health care facilities and institutions of higher learning, including addressing leadership in the new millennium and the so-called ‘generation gap.’

Existing Gaps
What Is: Over the span of a career, many surgeons naturally ascend to take positions of added responsibility including leadership positions in hospitals or institutions of higher learning. Surgeons typically do not have any foundation or formal instruction in the methodology of leadership.

What Should Be: As surgeons take on increased responsibility, including leadership positions, they should have a foundation for the management of personnel and personalities to help guide them in decision making within the hierarchy of their particular health care institution or department of surgery.

Objectives: At the conclusion of this session, participants should be able to:
• Define leadership within the context of a health care institution and/or department of surgery.
• Recognize generational differences that may impact leadership style.
• Recognize positive and negative characteristics of leadership.

Co-directors: William C. Cirocco, MD, Columbus, OH
Rocco Ricciardi, MD, Boston, MA

1:00 pm Introduction
William C. Cirocco, MD, Columbus, OH
Rocco Ricciardi, MD, Boston, MA

1:05 pm Leadership – Defined
David A. Rothenberger, MD, Minneapolis, MN

1:15 pm Staying Put – Spending an Entire Career at a Single Institution
H. Randolph Bailey, MD, Houston, TX

1:25 pm Changing the Culture of an Institution or Department of Surgery – The Impossible Dream?
Robert Fry, MD, Philadelphia, PA

1:35 pm Dealing With Difficult Faculty
Herand Abcarian, MD, Chicago, IL

1:45 pm Overcoming Negative Leadership
Alexa Canady-Davis, MD, Pensacola, FL

1:55 pm Managing a Department of Surgery in Changing Times
Hiram C. Polk, Jr., MD, Louisville, KY

2:05 pm Leadership in the New Millennium – Dealing With the ‘Generation Gap’
Anna Ledgerwood, MD, Detroit, MI

2:15 pm Panel Discussion

2:30 pm Adjourn
Workshop

Question Writing: Do You Know How to Write the Perfect Exam Question?

1:00 – 4:00 pm
Room: 208

Ticket Required • Limit: 70 participants

There are multiple areas of examination in the realm of colon and rectal surgery that require written questions to assess knowledge. These include the certifying written exam, the recertification exam, CARSITE, CARSEP® and CREST®. Despite looking straightforward, it is extremely difficult to write a good exam question. Many concepts are controversial and what is not controversial can become trivial. There are basic guidelines that help the writer as this is a skill that can be learned and improved with practice. In recent years, emphasis has been placed on how to write an acceptable exam question and guidelines have been published by organizations such as the National Board of Medical Examiners.

Existing Gaps
What Is: Most professionals such as colon and rectal surgeons feel that it is easy to write high quality questions. However, most questions that are submitted for review each year are rejected or have fundamental flaws that require significant revisions before they can be accepted for use.

What Should Be: There should be many interested members that can write high quality questions that can be used with minimal to no revisions.

Objectives: At the conclusion of this session, participants should be able to:
• Identify fundamental problems with the construction of written questions.
• Explain the sequential thought process used to write an acceptable question and understand key concepts.
• Demonstrate how to write a stem for a question.
• Prepare a two-step question combining diagnosis and management and format the answers in an acceptable form.
• Recall what happens to a question after it is submitted and before it is used in a test.

Co-directors: Glenn Ault, MD, Los Angeles, CA
Charles Friel, MD, Charlottesville, VA

1:00 pm Introduction
Glenn Ault, MD, Los Angeles, CA
Charles Friel, MD, Charlottesville, VA

1:15 pm Key Concept – It is the Key to a Good Question
Charles Friel, MD, Charlottesville, VA

1:35 pm The Stem – The Makings of a Good Question
Shane McNevin, MD, Spokane, WA

1:55 pm The Answers – They Can Ruin a Great Stem
Tracy Hull, MD, Cleveland, OH

2:15 pm Finalizing Questions – Rescue and Salvage
Glenn Ault, MD, Los Angeles, CA

2:35 pm Critiques: Painful But Very Important
Kirsten Wilkins, MD, Edison, NJ

2:50 pm Refreshment Break in Foyer

3:00 pm Let’s Write Questions
All Faculty

3:30 pm Questions and Review
All Faculty

4:00 pm Adjourn
Symposium and Workshop

Advanced Endoscopy

7:30 – 11:30 am
Rooms: Davidson Ballroom Salon A (Level 1M) and 202

Ticket Required
Registration and Pre-registration Survey Required
(Includes Didactic and Hands-on Workshop) Member Fee: $625 • Nonmember Fee $750 • Limit: 24 participants
Didactic Session Only: $25 (7:30 – 9:15 am)

Supported by independent educational grants and loaned durable equipment from:
Apollo Endosurgery, Inc.
Aries Pharmaceuticals, Inc.
Boston Scientific
Cook Medical
Erbe USA
Lumendi LLC
Olympus America Inc.
Ovesco Endoscopy

There has been significant expansion of new techniques and instrumentation for advanced endoscopic procedures. These techniques broaden our ability to perform more complex procedures in a much less invasive way. As colorectal surgeons, we are uniquely positioned to adopt these techniques and to lead in this field.

The adoption of new technology and techniques for surgeons in practice is challenging. There is often insufficient opportunity for the practicing surgeon to be exposed to the most state-of-the-art methods. In addition, it can be difficult for physicians to incorporate these techniques into their practice. In order to surmount these obstacles, it is necessary for the surgeon to acquire an in depth understanding of the available technology, the indications for its use and the potential benefits to the intended patient population.

A number of new, advanced endoscopic techniques have been developed over the past few years. These techniques have not only broadened the ability of the endoscopist to successfully scope all patients, but they also allow identification and treatment of colonic pathologies such as polyps, cancer and inflammatory bowel disease. New endoscopic techniques have resulted in higher cecal intubation rates and lesion identification. Enhanced imaging technology increases polyp detection. Endoscopic clipping can control bleeding and treat colonic perforation. Extended submucosal dissection and the use of both CO2 and laparoscopic assistance have allowed surgeons to resect more complex colonic lesions without major surgery. Additionally, new cutting edge endoluminal platforms have been recently developed. These new technologies can aid surgeons to remove challenging lesions intraluminally and avoid unnecessary colectomies.

Existing Gaps
What Is: Colorectal surgeons may be unfamiliar with several new techniques to improve the success rate of a colonoscopy as well as imaging techniques for lesion identification. A significant number of surgeons are not performing endoscopic submucosal resection of colorectal neoplasia or combined laparo-endoscopic resection. With the continued advances of technology in endoluminal therapy, surgeons will need training to incorporate these methods into their practice.

What Should Be: Surgeons need to have a comprehensive understanding of the newer visualization techniques as well as the indications and uses for endoscopic submucosal resection, endoscopic clipping and endoscopic suturing. This important learning session will provide the basis for the meaningful implementation of these newer endoluminal techniques and improve their patients’ colorectal care.
Advanced Endoscopy (continued)

Objectives: At the conclusion of this session, participants should be able to:
- Explain methods to predict neoplastic lesions of the colon and select the best endoscopic resection technique.
- Become familiar with the available enhanced endoscopic visualization techniques.
- Describe the indications and uses for endoscopic submucosal resection for colorectal neoplasia and the associated learning curve.
- Explain available techniques for endoscopic closure of the bowel wall, stents and hemostatic agents.
- Describe the new endoluminal advanced platforms.

Co-directors:
I. Emre Gorgun, MD, Cleveland, OH
Sang Lee, MD, Los Angeles, CA

Didactic Session
7:30 – 9:15 am
Room: Davidson Ballroom Salon A (Level 1M)

7:30 am Introduction
I. Emre Gorgun, MD, Cleveland, OH
Sang Lee, MD, Los Angeles, CA

7:40 am How to Classify and Categorize Premalignant and Malignant Polyps
James Buxbaum, MD, Los Angeles, CA

7:55 am From EMR to ESD: Learning Curve and How Do I Get There?
Jennifer Hrabe, MD, Iowa City, IA

8:10 am Endoluminal Resection, Suturing, Clips and New Techniques for Hemostasis
I. Emre Gorgun, MD, Cleveland, OH

8:25 am Endoluminal Stenting
Andreas Kaiser, MD, Los Angeles, CA

8:40 am New Endoluminal Platforms
Sang Lee, MD, Los Angeles, CA

8:55 am Panel Discussion and Questions

9:15 am Adjourn

Hands-on Workshop
9:30 – 11:30 am • Ticket Required
Room: 202

Faculty:
M. Philip Duldulao, MD, Los Angeles, CA; Todd Francone, MD, Boston, MA;
I. Emre Gorgun, MD, Cleveland, OH; Jennifer Hrabe, MD, Iowa City, IA; Sang Lee, MD,
Los Angeles, CA; David Liska, MD, Cleveland, OH; Matthew Mutch, MD, St. Louis, MO; Joongho Shin, MD,
Los Angeles, CA; Toyooki Sonoda, MD, New York, NY; Richard Whelan, MD, New York, NY; Mark Zebley, MD,
Abington, PA; Matthew Zelhart, MD, New Orleans, LA
Core Subject Update

7:30 – 9:30 am
Room: Ballroom AB (Level 4)

The Core Subject Update was developed to assist in the education and recertification of colon and rectal surgeons. Twenty-four core subjects have been chosen and are presented in a 4 year rotating cycle. Presenters are experts on their selected topics and present evidence-based reviews on the current diagnosis, treatment and controversies of these diseases. Following each presentation, a brief discussion period is moderated by the course director.

Existing Gaps

What Is: It can be challenging for practicing surgeons to stay up to date on the most current and cutting edge evaluation and management of colorectal diseases, particularly when rare or not seen routinely.

What Should Be: Practicing surgeons should maintain a current and comprehensive understanding of colorectal conditions and use that knowledge to provide their patients with optimal care.

Objectives: At the conclusion of this session, participants should be able to:

• Describe the issues related to stomas including indications, complications and management options.
• Maintain an understanding of the pathophysiology of benign anorectal conditions including pruritis ani, pilonidal disease and hidradenitis, offering patients the spectrum of nonsurgical and surgical treatment options.
• Discuss the causes and treatment options for rectovaginal and rectourethral fistulas.
• Review the literature outlining the current medical treatment options for inflammatory bowel disease.
• Review the causes and treatment options/algorithms for patients presenting with lower GI bleeding.

Director: Justin Maykel, MD, Worcester, MA

7:30 am  Ostomies and Stomal Therapy  
Wolfgang Gaertner, MD, Minneapolis, MN
8:45 am  Discussion

7:45 am  Discussion

7:50 am  Benign Anorectal: Pruritis, Pilonidal, Hidradenitis  
Stefan Holubar, MD, Cleveland, OH
9:05 am  Discussion

8:05 am  Discussion

8:10 am  Rectovaginal and Rectourethral Fistulas  
Pasithorn Amy Suwanabol, MD, Ann Arbor, MI
9:25 am  Discussion

8:25 am  Discussion

8:30 am  Medical Management of Inflammatory Bowel Disease  
Antonino Spinelli, MD, Milan, Italy
9:30 am  Adjourn
Lower gastrointestinal bleeding (LGIB) presents a challenging clinical condition to both patients and their physicians and surgeons. Patients and families experience tremendous stress and fear at the sight of blood from the rectum. A variety of potential causes of LGIB exist, potentially occurring anywhere along the length of the GI tract. This is classically distal to the ligament of Treitz, though as high as 15% of all LGIB results from an upper source. The task remains inherently frustrating for physicians and surgeons given difficulties localizing the bleeding site and determining the cause. Operative intervention is rarely necessary, while at the same time, surgeons must remain vigilant and prepared for the occasion where bleeding is profuse and truly life threatening.

While upper gastrointestinal bleeding (UGI) appears to be decreasing in incidence, LGIB is unfortunately stable if not increasing and may be due to multiple factors. Undoubtedly, the aging population plays a significant role given the many diseases afflicting the elderly such as colorectal neoplasms, diverticulosis coli, angiodysplasia and colonic ischemia, which are common causes of LGIB. This population is also more likely to be prescribed antiplatelet and anticoagulation medications, potentially predisposing to bleeding and even adding to the severity of such episodes. Lastly, the elderly is more apt to suffer from cardiopulmonary comorbid conditions contributing further to the complexity of management. Nonetheless, even more challenging is the often intermittent nature of the bleeding episodes, making precise localization difficult and definitive diagnosis elusive.

Surgeons therefore find themselves in a daunting position as we are asked to care for patients experiencing a potentially life-threatening problem. We do so cognizant of limitations of the available diagnostic studies applied to an intermittent and elusive disease. One must resist frustration and instead pursue a methodical and rational approach to find and address treatable causes.

Existing Gaps
What Is: Comorbid patients in an aging population combined with a rising incidence of LGIB may place surgeons in a quandary.

What Should Be: More formalized multidisciplinary algorithm to managing LGIB utilizing validated scoring systems which stratify severity of bleeding and need for hospitalization and acute care services; rapid and accurate localization techniques to direct less invasive methods for cessation of bleeding and, when necessary, direct surgeons for more specific function preserving operative intervention; recognition of rare causes of LGIB specific to the anorectum that are more appropriately managed by the colorectal surgeon.

Objectives: At the conclusion of this session, participants should be able to:

- Explain the epidemiology of lower gastrointestinal bleeding and the range of possible causes.
- Recognize the possible investigational studies available to the clinician and suggest a rational diagnostic testing algorithm for localization of lower gastrointestinal bleeding.
- Appreciate the non-operative technologies for intervention to control lower gastrointestinal bleeding, including colonoscopic methods for bleeding control as well as interventional radiologic techniques.
- Review operative strategies, decision making and preparation for a variety of scenarios that may be faced in the operating room.

Co-directors: Teresa DeBeche-Adams, MD, Orlando, FL
Seema Izfar, MD, San Antonio, TX
Contemporary Management of Lower GI Bleeding (continued)

7:30 am  Introduction
Teresa DeBeche-Adams, MD, Orlando, FL
Seema Izfar, MD, San Antonio, TX

7:40 am  Taking a Cue From Upper GI Bleed Paradigm: Can We Develop a Scoring System for Guiding Management?
Fergal Fleming, MD, Rochester, NY

7:55 am  Catching It In the Act: Best Methods for Localizing Lower GI Bleeding
Amanda Hayman, MD, Portland, OR

8:10 am  Role of Non-Operative Procedures: When Is It Okay to Wake Up the Gastroenterologist or Radiologist?
Ian Paquette, MD, Cincinnati, OH

8:25 am  The Tipping Point: When to Operate and How to Choose Which Surgery to Do
Robert Madoff, MD, Minneapolis, MN

8:40 am  Maybe It's Not the Colon: Evaluation for Occult Small Bowel Bleeding
Eric Weiss, MD, Weston, FL

8:55 am  Rectal Zebras: Other Causes of Significant Bleeding
Kyle Cologne, MD, Los Angeles, CA

9:10 am  Panel Discussion and Case Presentations

9:30 am  Adjourn

9:30 – 9:45 am
Refreshment Break in Foyer
Symposium

When You Hear Hoofbeats, Think Zebras… Uncommon/Atypical Colorectal Conditions

2

9:45 – 11:45 am
Room: Ballroom C (Level 4)

There are a handful of pathologies that colorectal surgeons will encounter that will often lack any substantial clinical or evidence based recommendations for treatment. Because of their rarity, we are often left with having to do extensive research only to find very little information available that would help guide the clinician to an answer. Some of these issues to be presented are newer clinical entities related to the evolving face of medical and surgical advancement. This presentation will highlight some of the most “common” of these rarer entities.

The consequences of colorectal procedures performed on infants with congenital defects of the GI tract can often present in adulthood. These can range from bowel obstructions to defecatory dysfunction. An understanding of the surgical history, anatomy and its long-term consequences is often critical to understanding and treating the problem in the adult patient.

Although not performed in high volumes, continent pouches and their complications can often present to the colorectal surgeon in any setting. Pouch prolapse, perforation and obstruction are some of the problems that can occur. Understanding the options for salvage can benefit these patients whose only choice otherwise would be a standard ileostomy.

The advent of surgical options for transgender individuals has also expanded the potential for seeing unusual and possibly surgical problems that the colorectal surgeon may be called for. Thus, developing a basic understanding of the operative procedures involved is important, as these patients become more frequent and the centers that perform them are not readily accessible to address some of the complications.

Several other atypical issues include unusual pathology such as colorectal lymphoma, rectal varices, SRUS and miscellaneous colitides. While most of these issues are medically managed, the question will often be raised as to when a surgeon should be involved and to what degree.

Existing Gaps

What Is: There are several atypical and uncommon pathologies that surgeons will encounter and often be asked to help manage. In addition, there are new surgical techniques that are being pioneered for the transgender patient population which may affect our practice as well. Lack of updated and current information has left a dearth in this small percentage of pathologies.

What Should Be: Colorectal surgeons will often be involved in the care and assisting in the management of these patients even if a surgical treatment is not involved. This requires awareness of the current operative procedures as well as an update on uncommon pathologies.

Objectives: At the conclusion of this session, participants should be able to:
- Recall the rarer cancers of the colon, rectum and anus and propose treatment algorithms for them.
- List the procedural complications of continent ileostomies, rubber band ligation of hemorrhoids, imperforate anus reconstruction, cosmetic anorectal procedures such as anal bleaching, gender reassignment surgery and colonics.
- Describe the presentation and treatment options for rare diagnoses of the colon, rectum and anus.

Co-directors: Anjali Kumar, MD, Seattle, WA
Carrie Peterson, MD, Milwaukee, WI

Continued next page
When You Hear Hoofbeats, Think Zebras…
Uncommon/Atypical Colorectal Conditions (continued)

9:45 am  **Introduction**
Anjali Kumar, MD, Seattle, WA

### Rare and Unfortunate Cancers

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:50 am</td>
<td>Anal Melanoma</td>
<td>Linda Farkas, MD</td>
<td>Sacramento, CA</td>
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<tr>
<td>9:55 am</td>
<td>Rectal GIST</td>
<td>Alexander Hawkins, MD</td>
<td>Nashville, TN</td>
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<td>10:00 am</td>
<td>Cancer in the J-Pouch</td>
<td>Emily Steinhagen, MD</td>
<td>Cleveland, OH</td>
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<td>10:05 am</td>
<td>Colorectal Lymphoma</td>
<td>Jennifer Ayscue, MD</td>
<td>Washington, DC</td>
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<tr>
<td>10:10 am</td>
<td>Rectal Squamous Cell Cancer</td>
<td>Mehraneh Jafari, MD</td>
<td>Irvine, CA</td>
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<td>10:15 am</td>
<td>Cancer in the Fistula Tract</td>
<td>Amy Lightner, MD</td>
<td>Rochester, MN</td>
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<td>10:20 am</td>
<td>Panel Discussion and Questions</td>
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### Unusual Diagnoses

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<th>Title</th>
<th>Speaker</th>
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<tr>
<td>10:35 am</td>
<td>Cecal Diverticulitis</td>
<td>Amit Merchea, MD</td>
<td>Jacksonville, FL</td>
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<td>10:40 am</td>
<td>Adult Hirschsprung’s Disease</td>
<td>Alessandra Gasior, DO</td>
<td>Columbus, OH</td>
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<td>SRUS/CCP</td>
<td>Shafik Sidani, MD</td>
<td>Abu Dhabi, United Arab Emirates</td>
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<td>10:50 am</td>
<td>Microscopic Colitis</td>
<td>Samantha Quade, MD</td>
<td>Everett, WA</td>
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<td>10:55 am</td>
<td>Cystic Retrorectal Neoplasia</td>
<td>Eric Dozois, MD</td>
<td>Rochester, MN</td>
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<tr>
<td>11:00 am</td>
<td>Long Term Implications of Imperforate Anus Repair</td>
<td>Andreas Kaiser, MD</td>
<td>Los Angeles, CA</td>
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<td>11:05 am</td>
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### Unique Procedural Complications and Consequences

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<tr>
<td>11:15 am</td>
<td>Koch Gone Bad</td>
<td>Jean Ashburn, MD</td>
<td>Cleveland, OH</td>
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<tr>
<td>11:20 am</td>
<td>Anorectal Considerations From Gender Reassignment Surgery</td>
<td>Wolfgang Gaertner, MD</td>
<td>Minneapolis, MN</td>
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<td>11:25 am</td>
<td>Consequences of Cosmetic Anorectal/Colorectal Procedures</td>
<td>Zuri Murrell, MD</td>
<td>Los Angeles, CA</td>
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<td>Post Rubber Band Ligation Sepsis</td>
<td>Joanne Favuzza, MD</td>
<td>Chicago, IL</td>
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<td>11:35 am</td>
<td>Panel Discussion and Questions</td>
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Robotic Colon and Rectal Surgery: Tips and Tricks

9:45 – 11:45 am
Room: Ballroom AB (Level 4)

Supported in part by an independent educational grant from Intuitive

Over the past several years robotic colon and rectal surgery has gradually gained acceptance among many colorectal surgeons. This is a worldwide trend occurring not only in the United States but also throughout Europe and Asia. Robotic colorectal surgery continues to evolve, with more companies manufacturing surgical robots, and surgeons expanding the boundaries of what can be done via a minimally invasive approach.

A series of lectures with related videos will address the increasing options for surgeons in terms of technologies, demonstrate new techniques and the capabilities offered through robotic surgery and will educate surgeons on socioeconomic concerns with adopting robotic surgery.

This course is aimed at three populations of surgeons:
1) Practicing colon and rectal surgeons who perform robotic surgery but are still early in their learning curve. This session will give them insight on how to improve efficiency.
2) Practicing colon and rectal surgeons who do not currently do robotic surgery but wish to introduce robotic surgery into their practice.
3) Colon and rectal residents that are interested in robotics.

Existing Gaps
What Is: While robotic colorectal surgery is becoming more mainstream, not all colorectal surgeons are familiar with the capabilities of robotic surgery, and how robotics can increase what can be done via a minimally invasive approach. Many surgeons only know one robotic system and are not aware of various options that are becoming available.

What Should Be: Colorectal surgeons should be aware of what robotic systems are available and what the differences in these systems are. They should be familiar with advanced minimally invasive techniques that robotic surgery enables and understand the socioeconomic implications of starting a robotic program. This will allow our membership to make an educated choice as to how and when to incorporate robotics into their practice.

Objectives: At the conclusion of this session, participants should be able to:
• Describe what robotic systems are currently available and what their differences are.
• Explain a variety of techniques for creation of an intracorporeal anastomosis.
• Discuss the use of robotic surgery in rectal cancer patients.
• Explain the socioeconomic impact of robotics.

Co-directors: Jamie Cannon, MD, Birmingham, AL
Todd Francone, MD, Burlington, MA

9:45 am Introduction
Jamie Cannon, MD, Birmingham, AL
Todd Francone, MD, Burlington, MA

9:50 am Leela M. Prasad Memorial Lecture
History of Robotics: Where We Were, Where We Are and Where Are We Going?
Slawomir Marecik, MD, Chicago, IL

10:05 am Transanal Robotic Surgery: Local Excision to taTME
Garrett Friedman, MD, Las Vegas, NV

10:20 am Robotic Operating Systems: What Are Our Options?
Kelly Tyler, MD, Springfield, MA

10:30 am Techniques for Intracorporeal Anastomosis: Lefts and Rights
Mark Soliman, MD, Orlando, FL

10:45 am Is Robotic Surgery the Answer to Minimally Invasive Rectal Cancer Surgery?
Deborah Nagle, MD, Boston, MA

11:00 am Splenic Flexure Tips and Tricks
Ron Landmann, MD, Jacksonville, FL

11:15 am Can Robotic Surgery Be Cost Effective? Essentials to Developing a Robotic Surgical Program
Robert Cleary, MD, Ann Arbor, MI

11:30 am Panel Discussion

11:45 am Adjourn
Welcome and Opening Announcements

12:45 – 1:30 pm
Room: Ballroom AB (Level 4)

Guy R. Orangio, MD, New Orleans, LA
President, ASCRS

Eric Johnson, MD, Cleveland, OH
Program Chair

Timothy Geiger, MD, Nashville, TN
Local Arrangements

Garrett Nash, MD, New York, NY
Awards Chair

Michael Stamos, MD, Orange, CA
President, Research Foundation of the ASCRS

Sharon Stein, MD, Cleveland, OH
Public Relations Chair

Kyle Cologne, MD, Los Angeles, CA
Social Media Chair

Norman D. Nigro, MD, Research Lectureship

1:30 – 2:15 pm
Room: Ballroom AB (Level 4)

Gut Microbiome, Metabolomic and Colon Cancer: The Environmental Link?
Heidi Nelson, MD
Fred C. Andersen, Professor of Surgery; Chair, Department of Surgery; Mayo Clinic; Rochester, MN

Introduction: Bruce Wolff, MD

Norman D. Nigro, MD, is recognized for his many contributions to the care of patients with diseases of the colon and rectum, for his significant research in the prevention of large bowel cancer and treatment of squamous cell carcinoma of the anus and for his leadership role in his chosen specialty and allied medical organizations.

Dr. Nigro generously dedicated many years of service to the specialty through his activities in the American Society of Colon and Rectal Surgeons (ASCRS) and the American Board of Colon and Rectal Surgery (ABCRS).
Abstract Session

Neoplasia I

2:15 – 3:45 pm
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: Conor Delaney, MD, Cleveland, OH
Eric Weiss, MD, Weston, FL

2:15 pm Introduction
2:20 pm ACPGBI Travelling Fellow
Patients With ‘Missed’ Interval Colorectal Cancers on the National Faecal Occult Blood Testing Program May Not Be Truly Asymptomatic – Results From a Multicentre Study
S1
A.T. George*1, 2, 3, S. Aggarwal1, S. Dharmavaram2, A. Menon2, M. Dube2, M. Vogler1, A. Field1;
1Nottingham, United Kingdom; 2Mansfield, United Kingdom; 3Derby, United Kingdom

2:25 pm Discussion
2:28 pm Consolidation mFOLFOX6 Chemotherapy After Chemoradiotherapy Improves Survival in Patients with Locally Advanced Rectal Cancer
S2
M.R. Marco*1, L. Zhou1, P. S.1, J. Marcet2, S. Oommen1, S.R. Hunt1, P. Cataldo1, J. Garcia Aguilar1; 1New York, NY, 2Tampa, FL

2:33 pm Discussion
2:36 pm Accelerated Enhanced Recovery Following Minimally Invasive Colorectal Cancer Surgery (RecoverMI): Results of a Prospective Phase 2 Randomized Controlled Trial
S3
B.K. Bednarski*1, T.P. Nickerson1, C.A. Messick1, Y. You1, B.B. Speer1, V. Gottomukkala1, M. Manandhar1, G. Chang1; 1Houston, TX

2:41 pm Discussion
2:44 pm Adjuvant Chemotherapy Improves Survival Following Resection of Locally Advanced Rectal Cancer with Pathologic Complete Response
S4
M. Turner*1, J.E. Keenan1, C.N. Rushing1, B.C. Gulack1, D.P. Nussbaum1, E. Benrashid1, T. Hyslop1, J.H. Strickler1, C.R. Mantyh1, J. Migaly1; 1Durham, NC

2:49 pm Discussion
2:52 pm Impact of Tumour Deposits on Oncologic Outcomes in Stage III Colon Cancer
S5
N. Wong-Chong*1, J. Mot1, G. Hwang1, J. Kelly1, G.J. Nassif1, M.R. Albert2, L. Lee1, J.R. Monson1; 1Montreal, QC, Canada; 2Orlando, FL

All abstract session presenters are noted with an *.
### Symposium

**Anal and Rectovaginal Fistula Management From Simple to Complex**

2:15 – 3:45 pm  
Room: Ballroom C (Level 4)

Anorectal fistulas (fistulas-in-ano) are a relatively common problem that many colorectal surgeons face during their practice, with a potential dramatic impact on the patient’s quality of life. Anorectal fistulas frequently result from a previous or current anorectal abscess; up to 50% of patients with abscesses develop a fistula. These conditions are particularly challenging given the high failure rate and lack of a standard algorithm for application of the current available treatment modalities.

The surgeon’s familiarity with the anatomy of the anorectal area, the pathogenesis and classification of the fistula are all necessary for adequate management. Currently, there is no medical treatment available for fistulas, except in special situations, such as Crohn’s disease. Surgery is almost always necessary for a cure. Because no single technique is appropriate for the treatment of all anorectal fistulas, treatment must be dictated by the etiology and anatomy of the fistula, degree of symptoms, patient comorbidities and the surgeon’s experience. The surgeon should also keep in mind the progressive tradeoff between the extent of operative sphincter division, postoperative healing rates and functional compromise. Using this information to develop a “bottom up” algorithm of which procedures to apply in which situation for the best outcome is vital.

### Existing Gaps

**What Is:** A disorganized attempt to treat, using multiple methods in a haphazard fashion, with high recurrence rates and patient dissatisfaction.

**What Should Be:** An evidence-based algorithm of surgical management, considering the patient and disease-specific variables, for the best chance at healing and improving patient quality of life.

### Objectives:

At the conclusion of this session, participants should be able to:

- Determine the anatomy and classification of the fistula.
- Develop a patient-specific bottom up algorithm to approach surgical management of anorectal fistulas.
- Describe the etiology and best approaches to treat initial and recurrent rectovaginal fistulas.

### Co-directors:

Rebecca Hoedema, MD, *Grand Rapids, MI*
Deborah Keller, MD, *New York, NY*

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<thead>
<tr>
<th>Time</th>
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| 2:15  | Introduction                                                                 | Rebecca Hoedema, MD, Grand Rapids, MI  
Deborah Keller, MD, New York, NY |
| 2:25  | Surgical Anatomy of Anorectal Fistulas and Implications for Treatment       | Joseph Carmichael, MD, Orange, CA                                          |
| 2:35  | Treatment of “Simple” Fistulas – When to Cut, Fill, or Flap?               | Bradley Champagne, MD, Cleveland, OH                                       |
| 2:45  | Techniques for Complex Fistulas – LIFT, Bio-LIFT, Flaps                     | Scott Regenbogen, MD, Ann Arbor, MI                                       |
| 2:55  | Emerging Technology in Fistula Management                                   | Phil Tozer, MD, Harrow, United Kingdom                                    |
| 3:05  | Special Consideration: Fistulizing Perianal Crohn’s Disease – Medical vs. Surgical Management | Daniel Geisler, MD, Houston, TX                                           |
| 3:15  | Rectovaginal Fistula – Etiology and Treatment Options                     | Elizabeth Raskin, MD, Loma Linda, CA                                     |
| 3:25  | Surgical Strategies for Complex Rectovaginal Fistula Repair               | Tracy Hull, MD, Cleveland, OH                                             |
| 3:35  | Panel Discussion and Question                                               |                                                                           |
| 3:45  | Adjourn                                                                      |                                                                           |
Symposium

Complex Cases – I Need Help! Plastic Surgery for the Colorectal Surgeon

2

2:15 – 3:45 pm
Room: Ballroom AB (Level 4)

Colon and rectal surgeons commonly treat patients that require flap procedures or other complex closures that are traditionally considered the purview of the plastic surgeon. As colon and rectal surgeons are involved in the creation of these wounds and are responsible for the overall management of these patients and conditions, they should have a better understanding of the principles and techniques involved in flap creation. In addition, they should have a better understanding of the need and timing of when to involve surgical colleagues from other disciplines.

They are the subject matter experts for the management of common perianal diseases such as hidradenitis suppurativa and pilonidal disease. While these conditions can often be managed with simple excision and local wound care, often these conditions recur and can lead to more complex wounds. In these cases, the management requires more advanced surgical techniques to adequately treat them.

These surgeons are experts for the management of rectourethral and rectovaginal fistulas as well as the management of complicated perineal wounds. As the incidence of anal cancer increases and the use of radiation for the management of malignancies involving the perineum also increases, it is more common for surgeons to treat complex perineal wounds, that often involve radiated tissues. These wounds require advanced techniques, often involving flap techniques in their management.

The open abdomen is becoming a more commonly encountered condition. In patients with recurrent enterocutaneous fistulae or enteroatmospheric fistulas, managing the abdominal wall in conjunction with the management of the intestines can be a very daunting proposition.

Existing Gaps

What Is: Because all of these disease conditions are managed primarily by colon and rectal surgeons, situations requiring more advanced closure are becoming more common. Reconstruction techniques can be poorly understood or not well utilized.

What Should Be: As colorectal specialists, we are involved in the management of these patients and should be comfortable with some of the more advanced closure techniques that may be required.

Objectives: At the conclusion of this session, participants should be able to:
• Describe the flap techniques best utilized in the treatment of complex and recurrent pilonidal disease.
• Explain the flap techniques for treating complex perianal anal hidradenitis suppurativa and the utility of a covering colostomy.
• Recognize the techniques for harvesting muscle tissues for the management of recto-urethral and recto-vaginal fistulas.
• Describe techniques in the management of complicated open perineal wounds.
• Describe the management of the open abdominal wall at the time of enter-cutaneous fistula repair.

Co-directors: Kurt Davis, MD, New Orleans LA
Muneera Kapadia, MD, Iowa City, IA

Continued next page
### Complex Cases – I Need Help! Plastic Surgery for the Colorectal Surgeon (continued)

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<tr>
<td>2:15 pm</td>
<td>Introduction</td>
<td>Kurt Davis, MD, New Orleans, LA</td>
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<tr>
<td>2:20 pm</td>
<td>Flaps for Pilonidal Disease, Which Flap and When?</td>
<td>Jeffrey Barton, MD, New Orleans, LA</td>
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<td>2:35 pm</td>
<td>Perianal Hidradenitis Suppurativa, Beyond the Basics</td>
<td>Frank Lau, MD, New Orleans, LA</td>
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<td>2:50 pm</td>
<td>Rectourethral or Rectovaginal Fistulas – The Gracilis Muscle and More</td>
<td>Maher Abbas, MD, Dubai, United Arab Emirates</td>
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<td>3:05 pm</td>
<td>The Complicated Perineal Wound – Now What?</td>
<td>Jerrod Keith, MD, Iowa City, IA</td>
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<td>3:20 pm</td>
<td>The Open Abdomen</td>
<td>Benjamin Poulose, MD, Nashville, TN</td>
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<tr>
<td>3:35 pm</td>
<td>Panel Discussion</td>
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**3:45 – 4:15 pm**
Refreshment Break in Exhibit Hall B (Level 3)
Abstract Session

Benign Disease

4:15 – 5:45 pm
Room: Ballroom C (Level 4)

Co-moderators: Lynn O’Connor, MD, Lake Success, NY
David Stewart, MD, Tucson, AZ

4:15 pm Introduction
4:20 pm Propofol Administration by Anesthesiologist vs. Endoscopist During Colonoscopy: Does It Make a Difference? S11
M.A. Abbas*, M. Shalabi, D. Gopalan, P. Bianzon, F. Georgopoulos; 1Dubai, United Arab Emirates
4:25 pm Discussion
P. Aggarwal*, I. Wasserman, M. Wright, M. McCain, M. Shashidharan, C. Ternent; 1New York, NY; 2Omaha, NE
4:33 pm Discussion
4:36 pm The Effect of Surgical Training and Operative Approach on Outcomes in Acute Diverticulitis – Should Guidelines Be Revised? S13
R.N. Goldstone*, C.E. Cauley, Y. Altinel, D. Chang, H. Kunitake, R. Ricciardi, L. Bordeianou; 1Boston, MA
4:41 pm Discussion
4:44 pm Should They Stay or Should They Go? The Utility of C Reactive Protein in Predicting Readmission and Anastomotic Leak After Colorectal Resection S14
4:49 pm Discussion
4:52 pm Sessile Serrated Adenomas/Polyps: Reflections of the Degree of DNA Methylation in the Colorectal Mucosa S15
P.M. Neary*, D. Schwarzberg, T.B. Cengiz, M. Kalady, J. Church; 1Cleveland, OH
4:57 pm Discussion

All abstract session presenters are noted with an *.

Parallel Session 4-A

5:00 pm Early Results of a Phase I Trial Using an Adipose Derived Mesenchymal Stem Cells Coated Fistula Plug for the Treatment of Transphincteric Cryptoglandular Fistulas S16
5:05 pm Discussion
5:08 pm High Rate of Reoperation Following Combined Abdominal Wall Reconstruction and Hartmann’s Reversal Should Prompt Evaluation of a Staged Approach S17
T. Curran*, C. Jensen, M. Kwaan, R. Madoff, W.B. Gaertner; 1Minneapolis, MN
5:13 pm Discussion
5:16 pm The Effect of Nonoperative Management of Chronic Anal Fissure and Hemorrhoid Disease on Bowel Function Patient-Reported Outcomes S18
A. Swarup*, S.J. Ivatury; 1Lebanon, NH
5:21 pm Discussion
5:24 pm Is Endoscopic Submucosal Dissection for Rectal Polyps an Alternative to Trans Anal Minimally Invasive Surgery: A Retrospective Comparative Study S19
R. Mittal*, F. Manji, M. Antillon-Galdamez, J.W. Ogilvie; 1Grand Rapids, MI
5:29 pm Discussion
5:32 pm Multimodal Pain Management in a Colon and Rectal Surgery Enhanced Recovery Pathway: A Randomized Clinical Trial Comparing Epidural Analgesia versus Liposomal Bupivacaine Transversus Abdominis Plane Block S20
D. Felling*, M. Jackson, J. Ferraro, C. Genord, J. Albright, J. Wu, R.K. Cleary; 1Ypsilanti, MI
5:37 pm Discussion
5:40 pm Question and Answer
5:45 pm Adjourn
### Symposium

**Enhanced Recovery Protocols and Pathways for Colectomy and Beyond: Involving Your Allied Health and Other Health Professionals**

4:15 – 5:45 pm
Room: Ballroom AB (Level 4)

**Supported in part by an independent educational grant from Johnson & Johnson Medical Devices Companies (Ethicon)**

Enhanced Recovery Protocols (ERP) and Pathways are multimodal, perioperative strategies (e.g., standardized pre-op patient education, intra-op fluid restriction, post-op mobilization, etc.) that reduce length-of-stay (LOS), post operative complications (POCs) and readmissions for patients after major surgery. While initially used for patients undergoing colectomy, ERPs are now used in other surgical populations including pancreatoduodenectomy, gastrectomy and hepatectomy patients. In all specialties, a cross-disciplinary team of experts, drawn from every point of surgical care, is critical to the successful development, implementation and maintenance of ERPs.

Allied Health Professionals (AHPs) are a diverse group of health providers involved with the identification, evaluation and prevention of diseases and disorders. These individuals are distinct from health professionals in medicine such as surgeons and anesthesiologists. AHPs include dieticians, physical therapists and occupational therapists. In addition to traditional AHPs, other support services play key roles in the successful ERP including pharmacists, wound/ostomy specialists and clinical educators. The roles of these professionals in surgical recovery are equally important as the involvement of those from medicine and nursing.

**Existing Gaps**

**What Is:** The benefits of ERPs are well established and experience has shown that a multidisciplinary team is critical to its overall success. The important role of AHPs and other health professionals, however, within ERPs is not well understood and may be overlooked.

**What Should Be:** As colorectal specialists who use ERPs, we should be continuously improving ERPs and integrating the experts that surround us. These include AHPs and other health professionals who deliver important care to patients. This requires an effective understanding of the techniques, tools and people available to us to optimize care for our patients.

**Objectives:** At the conclusion of this session, participants should be able to:
- Describe the many roles allied health and other health professionals play in surgical recovery.
- Describe the unique contribution that allied health and other professionals provide to the success of an ERP.
- Describe the barriers and facilitators to involving allied health and other health professionals.
- Describe practical ways to involve allied health and other health professionals in developing, implementing and maintaining ERPs.

**Co-directors:** Daniel Chu, MD, Birmingham, AL
Traci Hedrick, MD, Charlottesville, VA

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<tr>
<td>4:15 pm</td>
<td><strong>Introduction</strong>&lt;br&gt;Daniel Chu, MD, Birmingham, AL&lt;br&gt;Traci Hedrick, MD, Charlottesville, VA</td>
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<td>4:20 pm</td>
<td><strong>Nutrition in ERPs</strong>&lt;br&gt;Elaine Goode, Charlotte, NC</td>
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<td>4:35 pm</td>
<td><strong>Role of PT/OT in Prehabilitation and Recovery</strong>&lt;br&gt;Lavon Beard, PT, MBA, Birmingham, AL</td>
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<td>4:50 pm</td>
<td><strong>Role of the Clinical Pharmacist in ERPs</strong>&lt;br&gt;Rachel Kruer, PharmD, Baltimore, MD</td>
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<td>5:05 pm</td>
<td>Wound Ostomy Support in the Era of ERPs&lt;br&gt;Amy Armstrong, WOCN, Birmingham, AL</td>
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<td>5:20 pm</td>
<td>Multidisciplinary Collaboration: Pulling Everyone Together&lt;br&gt;Bethany Sarosiek, RN, MS, Charlottesville, VA</td>
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<td>5:35 pm</td>
<td>Panel Discussion</td>
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Welcome Reception
7:00 – 10:00 pm, Sunday

COUNTRY MUSIC HALL OF FAME

Complimentary to registered attendees, the Welcome Reception has become a tradition at the Annual Scientific Meeting. To honor Nashville’s rich music history, this year’s event will be held at the Country Music Hall of Fame. The Hall of Fame is one of the most popular attractions in Nashville and welcomed nearly one million visitors last year.

The museum explores the origins and traditions of country music with artifacts, photographs and videos. The museum, called the “Smithsonian of Country Music,” is home to nearly 200,000 sound recordings, 500,000 photographs and thousands of artifacts including Jimmie Rodger’s guitar and Elvis Presley’s solid gold Cadillac limo. It features a two-story wall with every gold and platinum country record produced. Current exhibits at the museum explore the lives and careers of country music legends: Loretta Lynn, Shania Twain and power couple Tim McGraw and Faith Hill. Names of Hall of Fame inductees are displayed in the world-famous Hall of Fame Rotunda.

Bring out your inner cowgirl or cowboy! Wear your cowboy hat, boots and jeans and join your colleagues for a captivating evening of delicious hors d’oeuvres, cocktails and entertainment. While you’re here, ride the mechanical bull.
Meet the Professor Breakfasts

7:00 – 8:00 am

Registration Required • Fee $50 • Limit: 30 per breakfast • Tickets Required • Continental Breakfast Included

Registrants are encouraged to bring problems and questions to this informational discussion.

M-1  Ileal Pouch Complications
Jean Ashburn, MD, Cleveland, OH
Ravi Kiran, MD, New York, NY
Room: 205A

M-2  Teaching Residents/Fellows in the Modern Era
Andrea Bafford, MD, Baltimore, MD
Brian Kann, MD, New Orleans, LA
Room: 205B

M-3  HPV Related Anorectal Disease
Stephen Goldstone, MD, New York, NY
Mark Welton, MD, Minneapolis, MN
Room: 205C

Objectives: At the conclusion of this session, participants should be able to:
• Describe the procedures and approaches discussed in this session.

SOLD OUT

1.0 CME
Symposium

Coffee and Controversies: Minimally Invasive Surgery

7:00 – 8:00 am
Room: Ballroom C (Level 4)

Supported by independent educational grants from:
Applied Medical
Johnson & Johnson Medical Devices Companies (Ethicon)

Debate #1: Right Colectomy: Robotics vs. Laparoscopy
7:00 – 7:30 am

Debate #2: Robotic Rectal Resection vs. taTME
7:30 – 8:00 am

Technology relentlessly advances. Miniaturization, computer integration, ergonomic design and enhanced optics are rapidly applied to all aspects of our lives, including the care of our patients. Careful analysis is required to determine, however, what represents a true improvement in surgical care and what represents marketing.

Laparoscopic approaches toward colon and rectal disease began in the 1990s and the colon and rectal surgical world adopted slowly. Segments of our society rightly expressed skepticism and we all struggled together to establish the role of laparoscopy in the armamentarium of the colon and rectal surgeon.

Just as laparoscopic surgery becomes understood and its benefits well defined, the disruptive technology of robotics arrives to “upset the apple cart.”

Through guided, confrontational, humorous and instructional debate, world leaders in minimally invasive surgery will instruct and argue for a robotic or laparoscopic approach to right colon resection and transanal total mesorectal excision.

Existing Gaps
What Is: Advances in technical capabilities do not always result in improved outcomes or create efficiencies.

What Should Be: Careful analysis of laparoscopic and robotic approaches to right colectomy and transanal total mesorectal excision is therefore necessary now and warranted.

Objectives: At the conclusion of this session, participants should be able to:
• Recognize the realities, costs and benefits of both laparoscopic and robotic approaches to right colectomy.
• Explain where in the armamentarium of colon and rectal surgeons’ robotic approaches may have advantage over laparoscopic techniques.
• Gain skills in how to assess new technologies with regard to consideration of adoption.

Director: Howard Ross, MD, Philadelphia, PA

7:00 – 7:30 am

Debate #1: Right Colectomy: Robotics vs. Laparoscopy

7:00 am What Defines the Optimal Right Colon Resection?
Howard Ross, MD, Philadelphia, PA

7:05 am Laparoscopic Right Colon Resection Is a “Perfect” Operation
Sang Lee, MD, Los Angeles, CA

7:13 am Robotic Right Colon Resection Is for Winners
Martin Weiser, MD, New York, NY

7:19 am Hunger Games Debate to the Finish
Sang Lee, MD, Los Angeles, CA
Howard Ross, MD, Philadelphia, PA
Martin Weiser, MD, New York, NY

Continued next page
Coffee and Controversies: Minimally Invasive Surgery (continued)

7:30 – 8:00 am
Debate #2: Robotic Rectal Resection vs. taTME

7:30 am  Turn a Smile Upside Down
Howard Ross, MD, Philadelphia, PA

7:35 am  Robotic Resection of the Rectum: We Have Reached the Pinnacle
Alessio Pigazzi, MD, PhD, Orange, CA

7:43 am  Why From Below, Is the Direction to Go
Matthew Albert, MD, Altamonte Springs, FL

7:49 am  The Answer Arises
Matthew Albert, MD, Altamonte Springs, FL
Alessio Pigazzi, MD, PhD, Orange, CA
Howard Ross, MD, Philadelphia, PA

8:00 am  Adjourn
Abstract Session

Inflammatory Bowel Disease

8:00 – 9:30 am
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: Stefan Holubar, MD, Cleveland, OH
M. Benjamin Hopkins, MD, Nashville, TN

8:00 am  Introduction

8:05 am  High-risk Elective Ileocolic Anastomoses for Crohn’s Disease: When Is Diversion Indicated?  S21
P.M. Neary*, L. Stocchi, S. Shawki, S.R. Steele, C.P. Delaney, T. Hull, S. Holubar; Cleveland, OH

8:10 am  Discussion

8:13 am  Endorectal Advancement Flaps for Anorectal Fistulae in Crohn’s Disease in the Era of Immune Therapy S22
M.T. Ganyo*, S. Trinidad, S. Ramamoorthy, L. Parry, N. Lopez, R. Steinhagen, S. Eisenstein; San Diego, CA; New York, NY

8:18 am  Discussion

8:21 am  Duration of Ulcerative Colitis Does Not Impact Outcomes of Restorative Proctocolectomy S23
O.A. Lavryk, E. Gorgun, L. Stocchi, S.D. Holubar, T. Hull, J. Lipman, S. Shawki, S. Steele; Cleveland, OH

8:26 am  Discussion

8:29 am  Risk Factors for Intra-abdominal Sepsis After Ileocolic Resection for Crohn’s Disease: An Analysis of 621 Cases S24
N.P. McKenna*, A.E. Glasgow, E.B. Habermann, A.L. Lightner; Rochester, MN

8:34 am  Discussion

8:37 am  The Importance of Extended VTE Prophylaxis in Patients With IBD: Nomogram-Based Assessment from the ACS-NSQIP Cohort  S25
C. Benlice*, S. Holubar, E. Gorgun, L. Stocchi, J. Lipman, M. Kalady, B.J. Champagne, S. Steele; Cleveland, OH

8:42 am  Discussion

8:45 am  Reducing Racial Disparities in Surgery for Patients With Inflammatory Bowel Disease (IBD) Using Enhanced Recovery After Surgery (ERAS)  S26
K.D. Cofer*, L. Goss, G. Kennedy, J.A. Cannon, M. Morris, D.I. Chu; Birmingham, AL

8:50 am  Discussion

8:53 am  Question and Answer

9:30 am  Adjourn

All abstract session presenters are noted with an *.
Symposium

Through the Ages: Caring for the Adult Who Was a Pediatric Surgery Patient

2

8:00 – 9:30 am
Room: Ballroom AB (Level 4)

Pediatric patients that had gastrointestinal surgery or actively struggle with colorectal issues are often seen by adult colon and rectal surgeons once the patients reach adulthood. Colon and rectal surgeons are seen as the experts at treating all problems related to the colon and rectum in adult patients, and therefore must maintain an understanding of the complex medical and surgical issues in pediatric patients as they transition into adulthood and continue care for many decades to come.

Most colon and rectal surgeons have had little exposure to and have little experience in treating patients with congenital pediatric diseases. There are diagnostic dilemmas when patients present as adults with previously undiagnosed juvenile problems. There are nuances with surgical technique and long term management of functional outcomes in pediatric colon and rectal diseases. Many patients and diagnoses require multidisciplinary management to optimize and coordinate care.

Coordinating a transition of care into adulthood requires the purposeful, planned movement of adolescents and young adults with chronic physical and medical conditions from child-centered to adult oriented health care systems. The optimal goal of transition is to provide health care that is uninterrupted, coordinated, developmentally appropriate, psychosocially sound and comprehensive. This is markedly different than the transfer of care where one service stops and another picks up. We will examine the special needs in the transition of care of the pediatric patient with IBD, prior surgery and chronic gastrointestinal conditions.

Existing Gaps

What Is: Pediatric surgeons often assume care of the pediatric patient through early young adulthood; however, eventually the care of the patient must be transitioned to adult specialists. Often adult surgeons lack the understanding of the nuances of the surgeries performed, the long-term functional outcomes of reconstructive pediatric surgery or of the medical and psychosocial implications in treating this unique and complex patient population.

What Should Be: As colorectal specialists, we assume care of the adult pediatric patients as they transition from pediatric age to adulthood. This requires an effective understanding of the techniques and surgeries performed in pediatric patients as well as the special psychosocial and medical issues in this young patient group in order to optimize their care.

Objectives: At the conclusion of this session, participants should be able to:
• Recognize pediatric colorectal operations and their implications to the adult surgeon.
• Evaluate and treat pediatric conditions with delayed onset or in need of continued adult surgical care.
• Identify the unique medical and psychosocial needs of the adult pediatric patient as they transition care into adult practice.

Co-directors: Jennifer Holder-Murray, MD, Pittsburgh, PA
Ian Paquette, MD, Cincinnati, OH

8:00 am Introduction
Jennifer Holder-Murray, MD, Pittsburgh, PA
Ian Paquette, MD, Cincinnati, OH

8:05 am Hirschprung’s Disease and Congenital Polyposis, What the Adult Surgeon Needs to Know
Luis de la Torre, MD, Pittsburgh, PA

8:20 am Congenital Malformations: Technical Considerations for Surgical Repair
Andrea Bischoff, MD, Aurora, CO

8:35 am Treatment of Functional Bowel Outcomes of Congenital Surgery: From Antegrade Enemas to Nerve Stimulation
Jason Frischer, MD, Cincinnati, OH

8:50 am Transitioning the Pediatric IBD Patient to an Adult IBD Practice
Laurie Fishman, MD, Boston, MA

9:05 am Putting It All Together: Transitioning Surgical Patients Out of the Pediatric Health Care System Into the Adult Medical System
Janice Rafferty, MD, Cincinnati, OH

9:20 am Panel Discussion and Case Presentations

9:30 am Adjourn
Ethical challenges and dilemmas are inherent to the everyday practice of surgery. While most of us do not have any special training in the field of ethics, medical schools and residencies often provide significant exposure to the definition and application of the “principles of ethics.” We become comfortable, and sometimes experts, in the areas of decisional capacity and informed consent. We often navigate with end-of-life care more frequently and with greater ease than many of our medical colleagues, especially with our care of cancer patients or those with life-threatening conditions. Despite our wealth of experience, in practice, ethical quandaries still seem to sneak up on us and become challenging dilemmas before we even recognize their significance.

What is ethics? In our practice of colon and rectal surgery, “ethics” often has broader implications than the basic principles and their application. Ethics can be as far reaching as global medicine and caring for patients from different countries with a variety of cultures, political environments and religions. It can appear in professional arenas, such as resident education versus patient safety or appropriate relationships for advancing knowledge through industry research. It shows up in urban as well as rural practices in the form of access to care, health care reform, EMRs, networking, rating and evaluation systems and the nuances of working within a system of providers.

To make this session as practical as possible, a survey was sent to ASCRS members to identify their most immediate areas of concern in the field of ethics. Over 45% of respondents chose the topic “What to do with BAD Residents and Physicians” as one of their top five ethical dilemmas. This was followed by “Depression, Burnout, and Suicide” (over 35%), “Recognizing Ethical Situations in Clinical Practice,” “Conflicting Obligations of Physicians in Practice,” “Limiting Patient Preferences and Requests to Do Everything,” “Disclosure of Adverse Outcomes and Medical Error,” “Online Physician Rating Systems (the Yelp Phenomena),” and “Teaching Ethics in Educational Training Programs.” ASCRS members are clearly interested in issues of professional ethics, which are often set aside in favor of more tangible clinical issues, such as patient autonomy or end-of-life care. We agree that these issues are highly relevant to colorectal surgeons and deserve dedicated time for education and discussion.

Existing Gaps

What Is: Many physicians received “principles of ethics” education in medical school that was applied in residency and practice, but typically with a clinical focus. The professional issues of our daily life receive inadequate attention, and therefore represent areas of concern and anxiety in our colon and rectal surgery practices. Unless an effort is made by physicians to stay up to date, many become inadequately prepared to identify “new” ethical dilemmas and do not have the strategies necessary to resolve them.

What Should Be: Care of colon and rectal surgery patients will inevitably result in ethical dilemmas in our practices. Questions of professional ethics are often inadequately considered in our training, leaving colon and rectal surgeons with significant challenges and conflicts in the modern world. An effective understanding of these dilemmas and a better knowledge of strategies to resolve them is very important to our members.

Objectives: At the conclusion of this session, participants should be able to:
• Recognize an ethical dilemma in the modern colon and rectal surgery practice and identify strategies to effectively resolve it.
• Determine what to do with BAD residents and physicians in the clinical practice.
• Learn to more effectively teach ethics in training programs and be able to differentiate between ethics, compassion and empathy.
• Recognize and better understand depression, burnout and risk of suicide in the physician.
• Identify social networking and online physician rating systems in the clinical practice setting.

Co-directors: John Griffin, MD, Seattle, WA
Erin Lange, MD, Seattle, WA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Introduction</td>
<td>John Griffin, MD, Seattle, WA&lt;br&gt;Erin Lange, MD, Seattle, WA</td>
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<tr>
<td>8:05 am</td>
<td>Recognizing Ethical Situations in Clinical Practice</td>
<td>Ira Kodner, MD, St. Louis, MO</td>
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<tr>
<td>8:20 am</td>
<td>What to Do with BAD Residents and Physicians</td>
<td>Michael Herkov, PhD, Jacksonville, FL</td>
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<td>8:35 am</td>
<td>Teaching Ethics in Educational Training Programs</td>
<td>Piroska Kopar, MD, Lebanon, NH</td>
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<tr>
<td>8:50 am</td>
<td>Physician Depression, Burnout, and Suicide</td>
<td>David Rothenberger, MD, Minneapolis, MN</td>
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<tr>
<td>9:05 am</td>
<td>Online Physician Rating Systems and the Social Media</td>
<td>Sean Langenfeld, MD, Omaha, NE</td>
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<td>9:20 am</td>
<td>Panel Discussion</td>
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<td>9:30 am</td>
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9:30 – 10:00 am

**Refreshment Break and E-poster Presentations in Exhibit Hall B (Level 3)**
Symposium

Ask the Expert Panel – Complex Cases

10:00 – 10:45 am
Room: Ballroom AB (Level 4)

Colorectal surgeons are often called upon to manage complex medical and surgical conditions as well as some rarely seen disorders. In addition, suggested diagnostic and treatment algorithms change over time. All surgical specialists have certain topics/diseases for which the treatments remain controversial or undefined. Understanding the optimal treatment plan for patients often depends on a physician’s ability to see clarity in these lines of gray. This session will highlight the strategies of a group of senior colorectal surgeons as they confront various difficult operative scenarios one might encounter in clinical practice.

Existing Gaps
What Is: Because of evolving techniques in the management of many surgical patients and longer life expectancy, we are faced with even more complex abdominal and anorectal problems. Many operative techniques and scenarios can be quite complex and are not understood well by all.

What Should Be: Colorectal surgeons should be well versed in the techniques, tools and decision making required to take care of the most complex and difficult operative scenarios.

Objectives:
At the conclusion of this session, participants should be able to:
• Recognize the management options of recurrent and complex disorders as well as rare conditions affecting the colon, rectum and anus.
• Describe normal anatomic relations of the colon, rectum and anus as well as disturbances of these relations in colorectal disorders.
• Recognize difficult operative scenarios and understand how to safely get out of trouble.

Director: Kyle Cologne, MD, Los Angeles, CA

10:00 am Introduction
Kyle Cologne, MD, Los Angeles, CA

10:02 am Hemorrhoids – The Ugly, The Uglier, and The Ugliest
Stanley Goldberg, MD, Minneapolis, MN

10:10 am Inflammatory Bowel Disease – Nightmare on TNF Street
Anthony Senagore, MD, Galveston, TX

10:18 am Diverticulitis – What Could Possibly Go Wrong?
Robert Madoff, MD, Minneapolis, MN

10:26 am The Entero-Everywhere Fistula – Yikes!
Scott Steele, MD, Cleveland, OH

10:34 am The Unfixable Pelvic Floor – Is This a Terminal Disease?
Tracy Hull, MD, Cleveland, OH

10:42 am Discussion

10:45 am Adjourn
Presidential Address

10:45 – 11:30 am
Room: Ballroom AB (Level 4)

Across the Universe:
“Sounds of Laughter, Shades of Life”

Guy R. Orangio, MD
Professor of Clinical Surgery, Chief Section of Colon and Rectal Surgery, LSU Healthcare Network Clinic; Program Director, Colon and Rectal Fellowship, LSU; Adjunct Associate Professor of Clinical Surgery, Tulane School of Medicine/Department of Surgery; New Orleans, LA

Introduction: Eric Johnson, MD

Dr. Guy R. Orangio, New Orleans, LA, Chief Section of CRS LSU Department of Surgery, was elected President of the American Society of Colon and Rectal Surgeons (ASCRS) at the Society’s 2017 Annual Scientific and Tripartite Meeting in Seattle, WA.

Dr. Orangio first served on the ASCRS Executive Council as a member-at-large from 2010 to 2013, as vice president 2015 – 2016 and as president-elect 2016 – 2017. During his tenure as a Fellow of the ASCRS, he has served on several committees including the Awards (1991-92), Healthcare Economics (past Chair) (member 1998 – current), Regional Society, Website, History, Bylaws in various capacities and Board member of the Research Committee. He also served as ASCRS advisor to the AMA Specialty Society Relative Update Committee (since 2002), past advisor to the AMA CRT Editorial Committee and ASCRS advisor to the ACS General Surgery Coding and Reimbursement Committee (since 2007).

11:30 am – 12:45 pm
Complimentary Box Lunch & E-poster Presentations in Exhibit Hall B (Level 3)
Abstract Session

Education

2

12:45 – 2:00 pm
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: James Duncan, MD, Bethesda, MD
Kirsten Wilkins, MD, Edison, NJ

12:45 pm  Introduction
12:50 pm  The Impact of Disgust on Patient Intent to Undergo Colorectal Surgery and Recall of Perioperative Instructions  S27

12:55 pm  Discussion
12:58 pm  Young Surgeons Mock Oral Examination: A Review of Benefits and Early Outcomes  S28
L.A. Bradney*, C. Thrush, K. Williams, J. Mizell; North Little Rock, AR; Little Rock, AR

1:03 pm  Discussion
1:06 pm  Female Representation and Implicit Gender Bias at the 2017 Tripartite ASCRS Meeting  S29

1:11 pm  Discussion
1:14 pm  Use of Robotic Technology: Practice Patterns of the ASCRS Young Surgeons Committee  S30
D.S. Keller*, K.N. Zaghian, J. Mizell; New York, NY; Los Angeles, CA; Little Rock, AR

1:19 pm  Discussion
1:22 pm  Assessing the Value of Endoscopy Simulator Tasks Designed to Prepare Residents for the Fundamentals of Endoscopic Surgery Exam  S31
R. Byrne*, H. Hoops, K.J. Brasel, S. Diamond, D. Herzig, K. Lu, L. Tsikitis; Portland, OR

All abstract session presenters are noted with an *.
Colorectal surgeries account for about 10% of all general surgical procedures but account for up to 35% of all complications. As a result of this, there have been multiple attempts to improve and mitigate the effects of these complications. Complications may occur during surgeries for colorectal pathology. They may also occur during abdominal surgery for other reasons such as gynecologic or urologic pathology. Regardless of the setting in which a complication may occur, it is imperative for colorectal specialists to be familiar with possible complications and how to correct them and rescue the patient from unintended harm.

Existing Gaps

What Is: Colorectal procedures account for 10% of general surgical procedures but account for 35% of complications from such procedures. Complications are common. Intra-operative colorectal complications from other specialties often occur and the appropriate management of these scenarios lacks definition.

What Should Be: All colorectal specialists should be familiar with all the available management strategies for postoperative complications. Furthermore, colorectal surgeons should comfortably be available and prepared to assist their colleagues in other specialties during an emergent intra-operative consult.

Objectives: At the conclusion of this session, participants should be able to:
• Identify the common complications that can occur during and following colorectal surgery.
• Explain the latest algorithms for management of complications and the appropriate application of new technology.
• Recognize the possible unexpected intra-operative findings for which the colorectal specialist can be called.

Co-directors: Bradley Champagne, MD, Cleveland, OH
Jonathan Laryea, MD, Little Rock, AR

12:45 pm Introduction
Bradley Champagne, MD, Cleveland, OH
Jonathan Laryea, MD, Little Rock, AR

12:50 pm Case 1
Wayne Ambroze, Jr., MD, Atlanta, GA

1:05 pm Case 2
Eric Weiss, MD, Weston, FL

1:20 pm Case 3
Patricia Roberts, MD, Burlington, MA

1:35 pm Case 4
Richard Whelan, MD, New York, NY

1:50 pm Questions and Answers

2:00 pm Adjourn
Symposium

Controversies in the Management of Inflammatory Bowel Disease

12:45 – 2:00 pm
Room: Ballroom AB (Level 4)

Surgery for inflammatory bowel disease requires knowledge beyond just the technical aspects of the operation. In the past two decades, new medications such as biologics, have exploded on the scene and keeping up with them can be daunting. However, it is crucial to have a firm understanding of how our patients have been treated before we operate to reduce postoperative issues and plan the safest operation.

Likewise, management of postoperative issues to prevent long term problems is crucial for anyone who performs surgery for inflammatory bowel disease – particularly a pelvic pouch. With fewer pouches constructed each year in the United States and a reduced number which our trainees are exposed to in fellowship training, ancillary education must be utilized to provide the best care for our patients.

Colectomy for high grade dysplasia is nearly always recommended. However, there is controversy as to the risk of low grade dysplasia and when surgery is recommended. Surgeons getting referrals for low grade dysplasia struggle to understand the complex literature.

Existing Gaps

What Is: Gastroenterologists and medical doctors send patients to the surgeon and due to lack of understanding, some surgeons operate based solely on the medical doctor’s recommendation.

What Should Be: As surgeons, we must have sufficient understanding of the treatment of inflammatory bowel disease and the comprehensive surgical care to be a partner with the medical doctors in order to perform the best surgery and care for our patients.

Objectives: At the conclusion of this session, participants should be able to:
• Discuss the risk of surgery on patients who have been on a biologic medication for their inflammatory bowel disease.
• Explain the strategy and thinking regarding redo pelvic pouch surgery and how to manage post-op complications to avoid long-term problems.
• Recognize the controversy regarding when low grade dysplasia should be an indication to remove the colon.

Co-directors: Tracy Hull, MD, Cleveland, OH
Shane McNevin, MD, Spokane, WA

12:45 pm Introduction
Tracy Hull, MD, Cleveland, OH
Shane McNevin, MD, Spokane, WA

12:50 pm Is It Safe to Operate With Biologics on Board?
Amy Lightner, MD, Rochester, MN

1:05 pm Pelvic Pouch Dysfunction – Can This Pouch Be Saved?
Jean Ashburn, MD, Cleveland, OH

1:20 pm Low Grade Dysplasia: We Need to Remove the Colon
Scott Strong, MD, Chicago, IL

1:33 pm Low Grade Dysplasia: Let’s Wait and Rescope
Kara De Felice, MD, New Orleans, LA

2:00 pm Adjourn

1.25 CME SELF-ASSESSMENT (MOC) CREDIT
Abstract Session

Outcomes

2

2:00 – 3:30 pm
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: Dana Hayden, MD, Chicago, IL
Cindy Kin, MD, Stanford, CA

2:00 pm  Introduction

2:05 pm  The Influence of Comparable Procedure Volumes on Patient Outcomes After Laparoscopic Rectal Surgery

J. Lee*, A. Doumouras†, J. Springer‡, C. Eskicioglu§, N. Amin¶, M. Cadeddu¶, D. Hong†;
'Hamilton, ON, Canada

2:10 pm  Discussion

2:13 pm  Early Urinary Catheter Removal Following Pelvic Colorectal Surgery: A Prospective, Randomized, Non-inferiority Trial

D.N. Patel*, S.I. Felder‡, M. Luu§, T.J. Daskivich‖, K. Zaghiyan‖, P. Fleschner‖; 'Los Angeles, CA;
‖Tampa, FL

2:18 pm  Discussion

2:21 pm  Different Risk Factors for In-hospital and Post-discharge Venous Thromboembolic Events After Colorectal Surgery

N. Alhassan*, N. Wong-Chong†, M. Trepanier†, P. Chaudhury‡, S. Liberman‡, P. Charlebois‡, B. Stein†, L. Lee†; 'Montreal, QC, Canada

2:26 pm  Discussion

2:29 pm  Using TAMIS to Expand Size and Circumference Criteria for Rectal Lesions

A. Egunsola*, A.G. Lopez-Aguilar†, M.Y. Zaidi†, G. Balch†, V. Shaffer†, C. Staley†, S. Maithel†, P.S. Sullivan†; 'Atlanta, GA

2:34 pm  Discussion

2:37 pm  Thoracic Epidural Analgesia: Does It Enhance Recovery?

D.R. Rosen*, R. Wolfe†, A. Damle‡, C. Atallah‡, M. Mutch‡, S.R. Hunt§, S. Glasgow§, P. Wise§, M. Silviera§; 'Saint Louis, MO

2:42 pm  Discussion

2:45 pm  Is the Robot Worth It? A Population-based Analysis of 90-Day Cost & Hospital Utilization for Robotic Surgery in Colon & Rectal Cancer

' Rochester, NY; °Albany, NY; ©Buffalo, NY

2:50 pm  Discussion

2:53 pm  Does the Effect of Enhanced Recovery After Surgery on Postoperative Length of Stay for Colorectal Procedures Vary by Surgical Indications?

R.H. Hollis*, L. Goss†, J.S. Richman†, J.A. Cannon†, M.S. Morris†, G. Kennedy†, D.I. Chu†; 'Birmingham, AL

2:58 pm  Discussion

3:01 pm  Randomized Clinical Trial Comparing Laparoscopic vs. Ultrasound-guided Transversus Abominis Plane Block in Minimally Invasive Colorectal Surgery

K.N. Zaghiyan*, B. Mendelson†, M. Eng†, G. Ovsepyan†, J. Mirocha†, P. Fleschner†; 'Los Angeles, CA

3:06 pm  Discussion

3:14 pm  Ketorolac Use and Anastomotic Leak in Elective Colorectal Surgery: A Detailed Analysis

T. Geiger†, M. McEvoy†, J.P. Wanderer†, M.M. Ford†, A. King†, M.B. Hopkins†, R.L. Muldoon†, A.T. Hawkins*†; 'Nashville, TN

3:17 pm  Discussion

3:22 pm  Question and Answer

3:30 pm  Adjourn

All abstract session presenters are noted with an *. 

MONDAY, MAY 21

Parallel Session 7-A

1.5 CME

1.5 CME
Over the last decade, the health impacts of the gut microbiome as it relates to a host of illnesses, both intestinal and systemic, have come to attention. As colorectal surgeons, we not only treat diseases of the intestine that are caused in part by distortions in the gut microbiome, but we also directly cause significant distortions in the gut microbiome through bowel preparations, antibiotics and surgery itself. As the understanding of the role of the gut microbiome in surgical care expands, the importance of understanding how we distort this delicate balance increases.

Inflammatory bowel disease has for some time been considered an autoimmune condition in which the host immune system inappropriately reacts to normal intestinal bacteria, but the mechanisms behind this are only just being elucidated. An understanding of this host-bacterial interaction is essential in both developing new medications for IBD and tailoring surgery to specific patients.

Perturbations in the gut microbiome have also been noted in patients with colorectal cancer, but the question of cause or effect of these differences is just starting to be investigated. With changing populations at risk for colorectal cancer in recent decades, including a sharp increase in incidence of colorectal cancer in a young population, an understanding of the host-bacterial interaction in the development of colorectal cancer may aid us in counseling our patients at risk and in finding new prevention and treatment options.

The use of fecal microbiota transplant for recurrent *C. difficile* colitis is well established, though coordination and delivery of this treatment remains confusing for many. In addition, studies addressing other potential indications for fecal transplant are ongoing and include inflammatory bowel disease, functional gastrointestinal disorders, non-alcoholic steatohepatitis, alcoholic hepatitis, hepatic encephalopathy and neuropsychiatric conditions.

In treatment of colorectal disorders, we frequently distort the gut microbiome through use of antibiotics, mechanical bowel preparations and surgery, and the gut microbiome in turn distorts our patient’s postoperative course, impacting anastomotic leaks, wound infections, antibiotic-associated diarrhea and systemic sepsis. Recent studies suggesting a benefit of preoperative bowel preparation have shifted practice for many, but questions remain about the optimal perioperative approach.

**Existing Gaps**

*What Is:* The interplay of the gut microbiome in disease and postoperative outcomes is a nascent field of study, and new treatment options exist which are not well understood by all.

*What Should Be:* As colorectal specialists, we need to have a thorough understanding of the impact of routine treatments on the gut microbiome, as well as an understanding of how distortions in the gut microbiome impact surgical outcomes.

**Objectives:** At the conclusion of this session, participants should be able to:
- Describe the impact of the gut microbiome on the treatment of IBD and colorectal cancer.
- Recognize the indications for fecal microbiota transplant.
- Describe the pros and cons of mechanical and oral antibiotic bowel preparation.
- Explain how the gut microbiome influences postoperative complications.

**Co-directors:** Angela Kuhnen, MD, Boston, MA  
Sonia Ramamoorthy, MD, San Diego, CA
Pathogen or Partner? The Role of the Gut Microbiome in the Colorectal Surgical Patient (continued)

2:00 pm  Introduction  
Angela Kuhnen, MD, Boston, MA  
Sonia Ramamoorthi, MD, San Diego, CA

2:05 pm  The Gut Microbiome in the Pathogenesis and Treatment of IBD  
Richard Hodin, MD, Boston, MA

2:20 pm  The Gut Microbiota in the Pathogenesis and Treatment of Colorectal Cancer  
Temitope Keku, PhD, Chapel Hill, NC

2:35 pm  Fecal Microbiota Transplantation for Recurrent C. difficile Colitis and Other Inflammatory Intestinal Conditions  
Zain Kassam, MD, MPH, Somerville, MA

2:50 pm  Impact of Bowel Preparation on the Gut Microbiome  
John Migaly, MD, Durham, NC

3:05 pm  The Gut Microbiome in Postoperative Complications  
John Alverdy, MD, Chicago, IL

3:20 pm  Discussion

3:30 pm  Adjourn
Symposium

Financial Planning for the Colorectal Surgeon: Everything You Have Always Wanted to Know, But Were Afraid to Ask

2:00 – 3:30 pm
Room: Ballroom C (Level 4)

While our job satisfaction is high as colorectal surgeons, retirement should ultimately be part of each of our lives. Planning early and avoiding mistakes is essential to a successful life in retirement. While there are volumes of texts and limitless online resources to consult when making these decisions, understanding the foundation of a sound financial plan is achievable in a short amount of time.

Because our careers start at a later point in life due to the length of training, surgeons have limited time to save. Additionally, physicians typically have high incomes but little knowledge on how to most effectively manage their money. As a result, physicians are often easy prey to the finance industry. It is vital to plan correctly, carefully and efficiently to avoid financial mistakes that could have significant long-term consequences.

With this symposium, we have invited experts in the field of financial planning and insurance for physicians to provide essential information for structuring personal financial success. We have highlighted the basics, but will also add information about lesser-known strategies that are available to help physicians diversify.

Existing Gaps
What Is: Financial planning is not an area of expertise of the majority of physicians. As the demands of our careers limit time for financial research, there are common traps physicians fall into when it comes to money matters.

What Should Be: As highly successful professionals, we should achieve a basic understanding of a solid financial plan with foundational knowledge. Additionally, we should broaden our knowledge of reliable alternative investment strategies, including passive income streams.

Objectives: At the conclusion of this session, participants should be able to:
• Describe the foundation of a solid financial plan.
• Describe the pros and cons of term versus whole life insurance.
• Explain the basics of a 401k, IRA and methods of investing.
• Describe the philosophy and basic strategy of F.I.R.E. (Financial Independence Retire Early).
• Highlight common doctor mistakes and how to avoid them.
• Discuss and explain alternative forms of income for physicians.

Co-directors: Jason Mizell, MD, Little Rock, AR
Jennifer Rea, MD, Lexington, KY

2:00 pm  Introduction
Jason Mizell, MD, Little Rock, AR

2:05 pm  Dumb Doctor Mistakes and How to Avoid Them
Fahd Ahmad, MD, St. Louis, MO

2:20 pm  Investing – The Foundation of Your Successful Financial Plan
Sarah Catherine Gutierrez, CFP, Little Rock, AR

2:40 pm  Insurances: Are They Created Equal?
Jeffrey Todd, CLU, ChFC, Lexington, KY

2:55 pm  When Can I Retire?
Chad Chubb, CFP, Philadelphia, PA

3:15 pm  Panel Discussion

3:30 pm  Adjourn

3:30 – 4:00 pm
Ice Cream & Refreshment Break and E-poster Presentations in Exhibit Hall B (Level 3)
Harry E. Bacon, MD, Lectureship

4:00 – 4:45 pm
Room: Ballroom AB (Level 4)

Sticky Floors and Glass Ceilings
Caprice Greenberg, MD, MPH
Professor of Surgery, University of Wisconsin, Madison, WI

Introduction: Jamie Cannon, MD

Harry Ellicott Bacon, MD (1900-1981), was Professor and Chairman of the Department of Proctology at Temple University Hospital. His stellar contribution was the establishment of the Journal, *Diseases of the Colon and Rectum*, of which he was the Editor-in-Chief. He was a Past President of the American Society of Colon and Rectal Surgeons and the American Board of Colon and Rectal Surgery. Dr. Bacon was the founder of the International Society of University Colon and Rectal Surgeons.

As a researcher and teacher of over 100 residents, he was innovative in some operations that are forerunners of sphincter saving procedures for cancer of the rectum (pull-through operation) and inflammatory bowel disease (ileoanal reservoir anastomosis).
Monday, May 21

Symposium

New Technologies

4:45 – 6:15 pm
Room: Ballroom AB (Level 4)

Supported in part by independent educational grants from:
Boston Scientific
Briteseed
CONMED – Advanced Surgical
Intuitive
Medrobotics, Inc.
Seger Surgical Solutions Ltd.

The New Technologies Symposium has become an annual event at the ASCRS Annual Scientific Meeting and serves as a unique opportunity to work with ASCRS members and industry to present new technologies in a non-CME forum.

Co-directors: Eric Haas, MD, Houston, TX
Patricia Sylla, MD, New York, NY

4:45 pm Introduction
Eric Haas, MD, Houston, TX
Patricia Sylla, MD, New York, NY

4:47 pm New Tech Ted Talk: The (Other) Robots are Coming
Dennis Fowler, MD, New York, NY

5:12 pm Towards Enhanced Surgical Education Using an Augmented Reality Operating Room Assistant (ARORA) NT1
L. Devoto*, M. Chand1, P. Giataganas1, D. Stoyanov1, A. Chow1, J. Nehme1; 1London, United Kingdom

5:17 pm Questions and Answers

5:19 pm Usability and Acceptability of a Connected Medical Device to Aid Self-management in an Ileostomy Patient NT2
R. Fern*; 1London, United Kingdom

5:24 pm Questions and Answers

5:26 pm Long-term Results of a New Artificial Anal Sphincter in Treating Fecal Incontinence NT3
C. Ratto*, V. De Simone1, F. Litta, A. Parello1; 1Rome, Italy

5:31 pm Questions and Answers

5:33 pm A Novel Laparoscopic TA Stapling Device: Facilitating Intracorporeal Anastomoses
Barry Salky, MD, New York, NY

5:38 pm Questions and Answers

5:40 pm Is Opioid-free Colectomy a Reality? Minimally Invasive Surgery Using Low Pressure Pneumoperitoneum Valve-free Platform
Eric Haas, MD, Houston, TX

5:45 pm Questions and Answers

5:47 pm Briteseed Smart Surgical Tools: Identification Before Cutting. New Tools to Prevent Injury During Colorectal Surgery
Jay Redan, MD, Celebration, FL

5:52 pm Questions and Answers

5:54 pm ORISE Endoluminal Surgery Devices: An Innovative Tool to Create a Stable Working Environment Inside the Bowel
I. Emre Gorgun, MD, Cleveland, OH

5:58 pm Questions and Answers

6:04 pm Initial Clinical Experience With 3D Vision on a Flexible Robotic System for Transanal Surgery
Vincent Obias, MD, Washington, DC

6:06 pm Questions and Answers

6:11 pm Current and Future Value of daVinci in Colorectal Surgery
Thiru Lakshman, MD, Austin, TX

6:13 pm Questions and Answers

6:15 pm Wrap Up

6:15 pm Adjourn

Residents’ Reception

6:30 – 8:00 pm
Broadway Ballroom Salons G-K (2nd Flr), Omni Hotel Nashville • Open to residents and colorectal program directors only.
Residents are invited to network with colon and rectal surgery program directors and members of the ASCRS Residents Committee to learn more about the specialty and the ASCRS. Cocktails and hors d’oeuvres will be served, and a drawing for a copy of the ASCRS Manual of Colon and Rectal Surgery, Second Edition, will be held.
Meet the Professor Breakfasts

6:30 – 7:30 am
Registration Required • Fee $50 • Limit: 30 per breakfast • Tickets Required • Continental Breakfast Included
Registrants are encouraged to bring problems and questions to this informational discussion.

T-1 Management of Anastomotic Leak
Matthew Albert, MD, Almonte Springs, FL
Neil Hyman, MD, Chicago, IL

T-2 Difficult Reoperative Cases
Daniel Feingold, MD, New York, NY
Charles Friel, MD, Charlottesville, VA

T-3 Making the Quality Improvement Process Work for You
Arden Morris, MD, Stanford, CA
Elizabeth Wick, MD, San Francisco, CA

Objectives: At the conclusion of this session, participants should be able to:
• Describe the procedures and approaches discussed in this session.

Residents’ Breakfast

6:30 – 7:30 am
Room: Legends Ballroom Salons EFG (2nd Floor) • Omni Nashville Hotel
Registration Required • Open to Residents Only

Surviving and Thriving in Your First Year of Practice
Patricia L. Roberts, MD
Senior staff surgeon in the Division of Colon and Rectal Surgery at Lahey Hospital and Medical Center and Chair of the Department of Surgery. She is a Professor of Surgery at Tufts School of Medicine and a Past President of the American Society of Colon and Rectal Surgeons.

Introduction: T. Cristina Sardinha, MD

Parviz Kamangar Humanities in Surgery Lectureship

7:30 – 8:15 am
Room: Ballroom AB (Level 4)

Medical Ethics and Frankenstein’s Monster
Ira Kodner, MD
Emeritus Professor of Surgery, Washington University School of Medicine in St. Louis, MO

Introduction: Yanek Chiu, MD

Mr. Parviz Kamangar, a grateful patient, has funded this unique lectureship to remind physicians and surgeons to place compassionate care at the top of their priority list.
Symposium

The Best of The Diseases of the Colon and Rectum Journal

8:15 – 9:00 am
Room: Ballroom AB (Level 4)

This symposium will target the practicing colorectal surgeon who has a desire to continue to stay up to date on the latest in the pathogenesis and management of colorectal diseases. Due to daily rigors, the ability to stay current on the highest quality and most-cited publications can be difficult. In this symposium, we will review and summarize the most highly cited papers from the Diseases of the Colon and Rectum. Presentations and discussion will focus on study design and results, practical implications of the data and a critical review of submitted work.

Existing Gaps
What Is: High quality published research is frequently missed by health care providers and this may compromise further improvements in research and clinical care.

What Should Be: Manuscripts of high quality should be valid, well known and value added to the practicing health care provider.

Objectives: At the conclusion of this session, participants should be able to:
• Describe the basics of the top papers published in the DC&R.
• Distinguish the qualities of a manuscript that provides value to the practicing surgeon.
• Identify further questions that warrant additional research.
• Identify at least one key point from the presentations that will guide further research or change practice patterns for the care of patients with colorectal disease.

Director: Kelli Bullard Dunn, MD, Louisville, KY

8:15 am Introduction
Kelli Bullard Dunn, MD, Louisville, KY

8:20 am Tailored Treatment Strategy for Locally Advanced Rectal Carcinoma Based on the Tumor Response to Induction Chemotherapy: Preliminary Results of the French Phase II Multicenter GRECCAR4 Trial
Jean-Jacques Tuech, MD, Rouen, France

8:30 am Effects of Hysterectomy on Pelvic Floor Disorders: A Longitudinal Study
Mehmet Kuzu, MD, Ankara, Turkey

8:40 am Validation of MRI and Surgical Decision Making to Predict a Complete Resection in Pelvic Exenteration for Recurrent Rectal Cancer
Cherry Koh, MD, New South Wales, Australia

8:50 am Large Variation in Blood Transfusion Use After Colorectal Resection: A Call to Action
Fergal Fleming, MD, Rochester, NY

9:00 am Adjourn

9:00 – 9:30 am
Refreshment Break and E-poster Presentations in Exhibit Hall B (Level 3)
Abstract Session
General Surgery Forum

2

9:30 – 10:45 am
Room: Davidson Ballroom Salon A (Level 4)

Co-moderators: Lisa Cannon, MD, Chicago, IL
Craig Reickert, MD, Detroit, MI

9:30 am Introduction

9:35 am Rectal Cancer in Younger Patients: Rare, Aggressive and Deadly GS1
1Baltimore, MD

9:38 am Discussant
Jacqueline Blank, MD, Milwaukee, WI

9:41 am Question and Answer

9:43 am Carnoy’s Solution Fixation With Compression Significantly Increases Lymph Node Yields Compared to Standard Manual Technique in Patients Undergoing Radical Operations for Colorectal Cancer GS2
S. Flynn*, R. Burchette, M. Ghassemi, O. Ratner, D. Mandel, D. Klaristenfeld;
1San Diego, CA

9:47 am Discussant
Rocco Ricciardi, MD, Boston, MA

9:49 am Question and Answer

1Atlanta, GA

9:55 am Discussant
Justin Van Backer, MD, Loudonville, NY

9:57 am Question and Answer

9:59 am Retrorectus Biosynthetic Mesh Reinforcement During Stoma Closure Reduces the Rate of Stoma Site Incisional Hernias GS4
M.V. Gusev*, M. Sherman, M. Tam;
1Riverside, CA

10:03 am Discussant
Jessica Holland, MD, Toronto, ON, Canada

10:05 am Question and Answer

10:07 am Adenoma Risk in the Residual Colon Varies Based on Site of Previous Colectomy for Colorectal Cancer GS5
K. Suradkar*, R.P. Kiran, N. Valizadeh, B. Lebwohl; 1New York, NY

10:11 am Discussant
Audrey S. Kulaylat, MD, Hersey, PA

10:13 am Question and Answer

T. Hassinger*, J. Mehaffey, A.N. Martin, K. Bauer-Nilsen, F. Turrentine, R. Thiele, C. Friel, T. Hedrick; 1Charlottesville, VA

10:19 am Discussant
Robert Hollis, MD, Birmingham, AL

10:21 am Question and Answer

10:23 am Diverticular Complications: Do Season and Region Really Have an Impact? GS7
M. Lin*, J.C. Hsieh, S.Y. Chao; 1Flushing, NY; 2Ames, IA

10:27 am Discussant
Rishi Batra, MD, Omaha, NE

10:29 am Question and Answer

10:31 am Questions and Answers for All Abstract Presenters

10:45 am Adjourn

All abstract session presenters are noted with an *.
Although colorectal surgeons understand and often discuss the use of new technologies such as social media and robotics, they often have a limited understanding of the bigger concept of disruptive technology. Disruptive technologies are innovations that initially create a new market and value network, and then eventually disrupt existing markets and networks, thus displacing more established firms, products and alliances.

A popular example of disruptive technology is Uber, which has created an international transport system without owning any cars or hiring any drivers. Uber and similar virtual companies are lean, reactive and profitable in our current social and economic climate, and the taxi industry has suffered significant financial losses as a result. Other examples include Wikipedia and its impact on traditional encyclopedias and the impact of digital photography on traditional cameras and film development.

Disruptive technology has been prevalent in medicine and surgery for many years. A well-known example is the evolution of endoluminal techniques for vascular disease, which has made previously common procedures such as an open abdominal aortic aneurysm repair uncommon, and has allowed cardiologists and radiologists to play a larger therapeutic role in vascular patients, thus narrowing the surgeon’s grip on the market share.

The future of disruptive technology within medicine and surgery will likely be even more radical. It is changing the way patients interact with physicians, tools available to physicians and the way we will educate a future generation of doctors. In order to remain relevant in the future of health care, we must understand and anticipate the changes driven by new technologies.

**Existing Gaps**

**What Is:** Despite having a relatively limited understanding of the disruptive technologies, surgeons are impacted by these innovations on a daily basis. This includes the way that they learn, how they digest new literature and new surgical techniques and how they interact with their colleagues and patients.

**What Should Be:** Surgeons should be able to define and identify disruptive technology, and thus better understand how it can affect their lives. This will also allow them to anticipate changes in their practice and stay ahead of the curve as their profession evolves.

**Objectives:** At the conclusion of this session, participants should be able to:

- Define disruptive technology and identify examples in health care.
- Recognize how social media and consumer-driven internet searches have altered the way surgeons and patients digest new information.
- Explain how surgical education has been impacted by disruptive technology.

**Co-directors:** Sean Langenfeld, MD, Omaha, NE  
Sharon Stein, MD, Cleveland, OH

Continued next page
9:30 am  Introduction: Setting the Stage
Sean Langenfeld, MD, Omaha, NE
Sharon Stein, MD, Cleveland, OH

9:40 am  Dissemination of Information: How Technology Has Changed the Way We Can Interact With Our Colleagues
Daniel Popowich, MD, New York, NY

9:50 am  Education: What Does the Future Look Like in Surgical Education? Simulation, Tablets, Smartphones and Online Education: Are We Better or Worse Now?
Sandra de Montbrun, MD, Toronto, Canada

10:00 am  Sharing Information: Current EMRs Are Only the First Step in What Could Be a World-wide Information Network to Truly Improve Patient Care. How Interactive Technology Could Revolutionize Our Interaction With Patients.
Emily Steinhagen, MD, Cleveland, OH

10:10 am  Patient Experience: How Disruptive Technology Has Empowered Patients and the Consumer-driven Market for Surgery
George Nassif, Jr., DO, Altamonte Springs, FL

10:20 am  The Newest Tricks and Gadgets: Are High Fidelity Surgical and Endoscopic Simulation Bridging the Gap?
Daniel Herzig, MD, Portland, OR

10:30 am  Questions and Answers

10:45 am  Adjourn
What the American College of Surgeons Does for Me as an ASCRS Member

9:30 – 10:45 am
Room: Ballroom C (Level 4)

The American College of Surgeons (ACS) is the largest surgery society in the world that represents specialty surgeons. The ACS has many programs which are not familiar to all ASCRS fellows and members. In order for members of ASCRS to gain the most from their membership and interaction with ACS, it is critical to have an understanding of the programs available through the College as well as what the College does on our behalf to advocate for us as surgeons and for our patients.

Existing Gaps
What Is: Lack of knowledge of ACS offerings for colorectal surgeons.

What Should Be: Understanding of how the ACS helps colorectal surgeons in daily practice.

Objectives: At the conclusion of this session, participants should be able to:
• Describe how the ACS advocates for colorectal surgery.
• Evaluate ACS educational offerings for colorectal surgery.
• Assess the value of ACS Commission on Cancer program for colorectal surgery.

Co-directors: Patricia Turner, MD, Chicago, IL
Steven Wexner, MD, PhD (Hon), Weston, FL

9:30 am Introduction
Steven Wexner, MD, PhD (Hon), Weston, FL

9:35 am Optimizing the Quality of Our Practices with ACS Programs
Clifford Ko, MD, Los Angeles, CA

9:50 am How the Commission on Cancer Can Improve Outcomes
Frederick Greene, MD, Chapel Hill, NC

10:05 am ACS Education Programs for Colorectal Surgeons
Ajit Sachdeva, MD, Chicago, IL

10:20 am ACS Advocacy Helps Us Help Our Patients
David Hoyt, MD, Chicago, IL

10:45 am Adjourn
Masters in Colorectal Surgery Lectureship Honoring Patricia L. Roberts, MD

10:45 – 11:30 am
Room: Ballroom AB (Level 4)

The Masters in Colorectal Surgery Lectureship honors a different surgeon each year who has made a considerable contribution to the specialty and to the Society. The 2018 lectureship honors Patricia L. Roberts, MD.

From There to Here
Peter Marcello, MD
Chair, Division of Colon & Rectal Surgery, Lahey Hospital and Medical Center, Burlington, MA

Introduction: Thomas Read, MD

Women in Colorectal Surgery Luncheon
Registration Required • Complimentary
11:30 am – 1:00 pm
Room: 207

Supported by Johnson & Johnson Medical Devices Companies (Ethicon)

The Women’s Luncheon offers an opportunity for women to renew friendships and make new contacts. Female surgeons, residents and medical students attending the Annual Meeting are welcome. Trainees are particularly encouraged to attend as the Women’s Luncheon provides an opportunity to interact with experienced colon and rectal surgeons from a variety of settings.

This year, we will once again be having table topics for discussion. Please join us for:
• Balancing Research and Clinical
• Creating a Successful Team
• Managing Conflicts at Work
• Work Life Integration
• Tips for Building a Practice
• Setting Yourself Up for Colorectal Residency

Tables will be chosen on arrival to the luncheon.

11:30 am – 1:00 pm
Complimentary Box Lunch and E-poster Presentations in Exhibit Hall B (Level 3)

Memorial Lectureship Honoring Dr. Bertram Portin

1:00 – 1:45 pm
Room: Ballroom AB (Level 4)

Born in 1927, Dr. Portin received his medical degree from State University of New York Buffalo in 1953 and completed his general surgery residency at Edwin Meyer Memorial Hospital in 1959. He received his ABCRS certification in 1961 and became an ASCRS Fellow in 1964. His esteemed career included Clinical Professor of Surgery and Chair, Division of Colon and Rectal Surgery at SUNY Buffalo and Chief, Colon and Rectal Surgery at Senter Hospital, Buffalo, NY. Dr. Portin is survived by wife Rhoda, children Robert, Susan and Mark, and five grandchildren.
Abstract Session

Basic Science

1:45 – 3:15 pm
Room: Ballroom C (Level 4)

Co-moderators: Jennifer Ayscue, MD, Washington, DC
Timothy Ridolfi, MD, Milwaukee, WI

1:45 pm Introduction
1:50 pm The Role of Collagenolytic Enterococcus Faecalis on Colorectal Cancer Tumor Formation Following Surgery
S45
S. Gaines1, A.J. Williamson*1, R. Jacobson1, S. Hyojoo1, N. Hyman1, O. Zaborina1, B.D. Shogan1, J. Alverdy1; 1Chicago, IL

1:55 pm Discussion
1:58 pm Killingback Award Winner
An Immune Cytotoxic Assay: Predicting Response to Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer
S46
J.C. Kong, MS*1, 2, G.R. Guerra, MBBS1, 2, R.M. Millen, BSc(Hons)1, 2, S.K. Warrier, MS1, 2, W. Phillips, PhD1, 2, P. Neeson, PhD1, 2, A.C. Lynch, MMedSci1, 2, R.G. Ramsay, PhD1, 2, A.G. Heriot, MD1, 2; 1Melbourne, Victoria, Australia; 2Parkville, Victoria, Australia

2:03 pm Discussion
2:05 pm Novel Organoid Models to Investigate the Role of Immunotherapy for Colorectal Peritoneal Metastases
S47
V. Narasimhan*1, T. Pham1, R. Ramsay1, A. Heriot1; 1Melbourne, Victoria, Australia

2:10 pm Discussion
2:13 pm Rectal Cancer Associated Fibroblasts Activated by Radiation Promote Metastasis by Inducing Epithelial Mesenchymal Transition
S48
D. Liska1, S. Xiang1, M. Kalady1, E. Huang1; 1Cleveland, OH

2:18 pm Discussion
2:21 pm The rs7609897 Allele Variant of the Collagen Q Gene (COLQ) Is Involved in the Pathophysiology of Diverticulitis
S49
B. Kline1, K. Schieffer1, S. Deiling1, L. Harris1, G. Yochum1, W. Koltun1; 1Hershey, PA

Discussion
Chemokine mRNA Expression Is Predictive of Metastasis in Colon and Rectal Cancer
S50
A.B. Mitchell*1, A. Talukder1, A. Jordan1, S. Lahorewala1, D. Morera1, D. Albo1, A. Herline1, V. Lokeshwar1; 1Augusta, GA

Discussion
In Vivo Application of Multi-fraction Brachytherapy Combined With Chemotherapy in a Mouse Model of Anal Cancer
S51
B.L. Rademacher*1, H. Sleiman1, M. Conti1, J.A. Micka1, W.S. Culberson1, L.M. Meske1, E.H. Carchman1; 1Madison, WI

Discussion
Sulfonamide-based Derivative (3D) Induces Apoptosis in Colorectal Cancer by Inhibiting JAK2-STAT3 Pathway
S52
K. Al-Khayal*1; 1Riyadh, Saudi Arabia

Discussion
COL11A1 Is Co-expressed With EMT Markers and Over-Expressed in Early-Onset Colon Cancer
S53
D. Chen*3, L. Nfonsam3, A. Cruz2, A.N. Ewongwo1, O.P. Mogor1, R. Runyan1, V.N. Nfonsam3; 1Tucson, AZ; 2Ottawa, ON, Canada

Discussion
PARP-1 Fragments and Acid Ceramidase (AC) Expression – A Potential Mechanism of Radioresistance in Colorectal Cancer?
S54
N. Govindarajah*1, P. Sutton2, D. Bowden2, J.L. Parsons2, D. Vimalachandran1; 1Chester, United Kingdom; 2Liverpool, United Kingdom

Discussion
Adjourn

All abstract session presenters are noted with an *. 
TUESDAY, MAY 22

Abstract Session

Research Forum

1:45 – 3:15 pm
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: Joseph Carmichael, MD, Orange, CA
Karen Zaghiyan, MD, Los Angeles, CA

1:45 pm Introduction

1:50 pm SDF-1 Plasmid to Regenerate the Anal Sphincter: Are We Closer to Translation? RF1
M. Zutshi*, L. Sun¹, M.S. Damaser¹, M.S. Penn¹, R. Anna¹; ¹Cleveland, OH; ²Rootstown, OH

1:56 pm Discussant
Raul Bosio, MD, Cleveland, OH

2:00 pm Question and Answer

2:02 pm Intratumoral Heterogeneity in Rectal Cancer – The Effects of Neoadjuvant Chemoradiation RF2
R. Perez*, G. Pagin São Julião¹, B. Borba Vailati¹, L.M. Fernandez¹, F. Bettoni¹, C. Masotti¹, P. Fontes Asprino¹, A. Habr-Gama¹, J. Gama-Rodrigues¹, P. Galante¹, A. Aranha Camargo¹; ¹Sao Paulo, Brazil

2:08 pm Discussant
Dana Hayden, MD, Chicago, IL

2:12 pm Question and Answer

2:14 pm Is There a Role for Enhanced Colorectal Cancer Screening in Lung Transplant Recipients: A Single Institution Retrospective Review RF3
D.P. Mistrot*, S. Elnahas¹, R.A. Gagliano¹, D. Row¹, S. Biswas Roy¹, M. Kunz¹, P. Kang¹, R. Walia¹; ¹Phoenix, AZ

2:20 pm Discussant
Kyle Cologne, MD, Los Angeles, CA

2:24 pm Question and Answer

2:26 pm Serum Chitinase Activity Predicts Survival and Metastasis of Colorectal Cancer RF4
Z. Song*, E. Chen¹; ¹Hangzhou, Zhejiang, China

2:32 pm Discussant
Marcia Russell, MD, Los Angeles, CA

2:36 pm Question and Answer

2:38 pm Management and Outcomes of Diverticulitis After Lung Transplantation: Single-center Experience RF5
S. Elnahas¹, M. Olson¹, D. Row¹, S. Biswas Roy¹, P. Kang¹, R.A. Gagliano¹, R. Walia¹, R.M. Bremner¹; ¹Phoenix, AZ

2:44 pm Discussant
Lisa Cannon, MD, Chicago, IL

2:48 pm Question and Answer

2:50 pm The Role of Extracellular Vesicle Carried miRNAs in the Progression of Colorectal Cancer RF6
A. Klinger*, W. Chang¹, G. Maresh¹, X. Zhang¹, L. Hellmers¹, C. Salomon Gallo², L. Li³, D.A. Margolin¹; ¹New Orleans, LA; ²Brisbane, Queensland, Australia

2:54 pm Discussant
Nelya Melnitchouk, MD, Boston, MA

3:00 pm Question and Answer

3:02 pm Research Foundation Grant Awardee
Laparoscopic vs. Open Resection for Colon Cancer: Comparing Post-operative Patient-reported Outcomes RF7
N. Vela¹, L. Bubis¹, A. Mahar¹, L. Davis¹, N. Coburn¹; ¹Toronto, Ontario, Canada

3:08 pm Discussant
Scott Regenbogen, MD, Ann Arbor, MI

3:14 pm Question and Answer

3:15 pm Question and Answer for All Abstract Presenters

All abstract session presenters are noted with an *.
Symposium

Hereditary Colorectal Cancer Syndromes

1:45 – 3:15 pm
Room: Ballroom AB (Level 4)

Advanced technologies have allowed an exponential increase in our understanding of the genetic underpinnings of colorectal diseases, and in particular inherited colorectal cancer syndromes. Identification of specific genetic variations leading to hereditary colorectal cancer syndromes has allowed for more precise classifications and a more personalized risk stratification. It is essential to be up to date regarding genetics and how they relate to the diagnosis, counseling, surveillance and management of inherited colorectal cancers.

Existing Gaps
What Is: In their routine daily practice, clinicians do not often appreciate the relevance of understanding genetics as it applies to diagnosis and management of hereditary colorectal cancer syndromes. The information regarding these syndromes is growing and changing rapidly, making it difficult for clinicians to stay current. As a result, these patients may not receive appropriate treatment, surveillance and/or counseling.

What Should Be: Patients with hereditary cancer syndromes are readily identified and offered appropriate counseling and medical and surgical therapy.

Objectives: At the conclusion of this session, participants should be able to:
• Discuss the classification and diagnostic approach to hereditary colorectal cancer syndromes.
• Define the indications for surgery and surgical approach to patients with familial adenomatous polyposis, MYH-associated polyposis and Lynch syndrome.
• Describe the presentation of management options for desmoid disease in familial adenomatous polyposis.

Co-directors: Daniel Herzig, MD, Portland, OR
Matthew Kalady, MD, Cleveland, OH

1:45 pm Welcome and Introductions
Daniel Herzig, MD, Portland, OR
Matthew Kalady, MD, Cleveland, OH

1:50 pm State of the Art 2018: Classification and Genetic Testing for Hereditary Colorectal Cancer Syndromes
Molly Ford, MD, Nashville, TN

2:05 pm Managing Adenomatous Polyposes: Which Surgery and When to Operate
Robert Gryfe, MD, PhD, Toronto, Canada

2:20 pm Tackling the Surgical Challenges of Desmoid Disease
James Church, MD, Cleveland, OH

2:35 pm Colorectal Cancer in Lynch Syndrome: The Data on Extended Resection
Y. Nancy You, MD, Houston, TX

2:50 pm Case Discussions with Panel

3:15 pm Adjourn

3:15 – 3:30 pm
Refreshment Break in Foyer
ASCRS Annual Business Meeting and State of the Society Address

3:30 – 4:30 pm
Room: Ballroom AB (Level 4)

All registrants are invited to attend the Society’s Annual Business Meeting to hear reports on Society initiatives and approve proposed nominees for Fellowship and Honorary Fellowship. Outgoing ASCRS President, Dr. Guy R. Orangio, will present a State of the Society Address and honor this year’s award recipients.

Agenda

I. Call to Order – Dr. Guy R. Orangio
II. Approval of 2017 Business Meeting Minutes – Dr. Guy R. Orangio
III. Memorials – Dr. Thomas E. Read
IV. Treasurer’s Report – Dr. Neil Hyman
V. Scientific Program Report – Dr. Eric Johnson
VI. DC&R Editor-in-Chief Report – Dr. Susan Galandiuk
VII. Barton Hoexter, MD, Best Video Award – Dr. Guy R. Orangio
VIII. Research Foundation Report – Dr. Scott Strong
IX. Recognition of Question Writers – Dr. Tracy Hull
X. Election and Elevations of Members – Dr. Guy R. Orangio
XI. State of the Society Address – Dr. Guy R. Orangio
XII. Nominating Committee Report – Dr. Terry Hicks
XIII. New Business – Dr. Guy R. Orangio
XIV. Introduction of New President
XV. Next Meeting – June 1-5, 2019, Cleveland Convention Center, Cleveland, OH
XVI. Adjournment
Symposium

Drinks and Disputes: The After Hours Debates

4:30 – 5:30 pm
Room: Ballroom AB (Level 4)

Debate #1: Advanced Endoscopy: Colorectal Surgeon or Gastroenterologist?
4:30 – 5:00 pm

Debate #2: Fluorescence Imaging: Valuable Commodity or Waste of Money?
5:00 – 5:30 pm

Through both enhanced imaging capabilities and improved dissection techniques, advances in the existing endoscopic technology have allowed the possibility of minimally invasive management of a broader range of lesions encountered at the time of colonoscopy. The use of fluorescence imaging in surgery has recently become more widespread; however, its value has yet to be defined.

The adoption of new technology and techniques for surgeons in practice is challenging. There is often insufficient opportunity for the practicing surgeon to be exposed to the most state-of-the-art methods. In order to surmount these obstacles, it is necessary for the surgeon to acquire an in depth understanding of the available technology, the indications for its use and the potential benefits to the intended patient population.

Advanced endoscopic techniques have broadened the scope of potential therapy for patients with colorectal neoplasia. Through the use of enhanced imaging technology, there exists the potential for increased polyp detection. Extended submucosal dissection and the use of both CO2 and laparoscopic assistance has allowed physicians to resect more complex colonic lesions from an endoluminal approach. Other advanced techniques such as colonoscopic stenting and double balloon colonoscopy have also increased the ability to diagnose and manage patients in a minimally invasive fashion. These techniques have been employed by both colorectal surgeons and gastroenterologists, and there are advantages and disadvantages of who should be performing these procedures.

Fluorescence imaging has become increasingly prevalent in recent years. It has been utilized in the identification of various anatomical structures including the ureter and biliary tract, as well as in the intraoperative assessment of intestinal perfusion. It has been postulated that demonstrating adequate perfusion of an intestinal anastomotic segment may help to reduce the incidence of anastomotic leak; however, the exact benefit of this remains unclear.

Existing Gaps

What Is: There are several new imaging techniques for colonoscopy that many surgeons are unfamiliar with. A significant number of surgeons are not performing endoscopic submucosal resection of colorectal neoplasia or combined laparoscopic endoscopic resection. With the continued advances of technology in endoluminal therapy, surgeons will need training to incorporate these methods into their practice. The true value of fluorescence imaging in surgery has not yet been determined.

What Should Be: Surgeons need to have a comprehensive understanding of the newer visualization techniques as well as the indications and uses for endoscopic submucosal resection for colorectal neoplasia and laparo-endoscopic resection. This will allow for the meaningful implementation of these newer endoluminal techniques into their armamentarium of skills to treat disease of the colon and rectum. Surgeons must also understand the potential benefits of the use of fluorescence imaging in surgery.

Objectives: At the conclusion of this session, participants should be able to:
• Explain the indications and uses for endoscopic submucosal resection for colorectal neoplasia.
• Explain the indications and technical aspects of combined laparoscopic and endoscopic resection of colorectal neoplasia.
• Recognize the indication and utility of colonic stent placement.
• Discuss the advantages and disadvantages of the use of fluorescence imaging in colorectal surgery.

Director: David Maron, MD, Weston, FL

Continued next page
Drinks and Disputes: The After Hours Debates (continued)

4:30 – 5:00 pm

Debate #1: Advanced Endoscopy: Colorectal Surgeon or Gastroenterologist?

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<td>4:30 pm</td>
<td>Introduction</td>
<td>David Maron, MD, Weston, FL</td>
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<td>4:35 pm</td>
<td>Colorectal Surgeon Position</td>
<td>Peter Marcello, MD, Boston, MA</td>
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<td>4:39 pm</td>
<td>Gastroenterologist Position</td>
<td>Klaus Mergener, MD, Tacoma, WA</td>
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<td>4:43 pm</td>
<td>Colorectal Surgeon Position – Rebuttal</td>
<td>Peter Marcello, MD, Boston, MA</td>
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<td>Gastroenterologist Position – Rebuttal</td>
<td>Klaus Mergener, MD, Tacoma, WA</td>
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<td>Colorectal Surgeon Position – Rebuttal</td>
<td>Peter Marcello, MD, Boston, MA</td>
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<td>4:52 pm</td>
<td>Gastroenterologist Position – Rebuttal</td>
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<td>5:00 pm</td>
<td>Concluding Remarks</td>
<td>David Maron, MD, Weston, FL</td>
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5:00 – 5:30 pm

Debate #2: Fluorescence Imaging: Valuable Commodity or Waste of Money?

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<td>Introduction</td>
<td>David Maron, MD, Weston, FL</td>
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<td>5:05 pm</td>
<td>Fluorescence – Pro</td>
<td>Alessio Pigazzi, MD, PhD, Orange, CA</td>
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<td>5:09 pm</td>
<td>Fluorescence – Con</td>
<td>Bradley Davis, MD, Charlotte, NC</td>
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<td>Fluorescence – Pro Rebuttal</td>
<td>Alessio Pigazzi, MD, PhD, Orange, CA</td>
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<td>Fluorescence – Con Rebuttal</td>
<td>Bradley Davis, MD, Charlotte, NC</td>
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<td>Fluorescence – Pro Rebuttal</td>
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<td>Fluorescence – Con Rebuttal</td>
<td>Bradley Davis, MD, Charlotte, NC</td>
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<td>5:25 pm</td>
<td>Concluding Remarks</td>
<td>David Maron, MD, Weston, FL</td>
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<td>5:30 pm</td>
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ASCRS Fellowship Reception

6:00 – 7:00 pm

Legends Ballroom Salons EFG (2nd Floor)
Omni Nashville Hotel

Supported by Olympus America Inc.

Open to graduating fellows and colorectal program directors only.

The Future of Colorectal Surgical Procedures

Sang Lee, MD
USC/Keck School of Medicine

Introduction: Jennifer Beaty, MD
ASCRS Music City Gala

7:30 – 10:30 pm
Broadway Ballroom (2nd Floor)
Omni Nashville Hotel

Tickets Required

The country western theme of Nashville continues with the ASCRS Music City Gala! The gala is a wonderful opportunity to relax, socialize and enjoy an evening of delicious food and dancing.

There is no additional cost for a ticket for full-paying Members and Fellows. Nonmember or spouse/companion tickets may be purchased at the registration desk for $150 per ticket.
Meet the Professor Breakfasts

7:00 – 8:00 am

Registration Required • Fee $50 • Limit: 30 per breakfast • Tickets Required • Continental Breakfast Included

Registrants are encouraged to bring problems and questions to this informational discussion.

W-1 Complex Rectal Cancer Cases
Conor Delaney, MD, Cleveland, OH
David Dietz, MD, Cleveland, OH

W-2 Parastomal Hernia Cases
Joshua Bleier, MD, Philadelphia, PA
C. Neal Ellis, MD, Odessa, TX

Objectives: At the conclusion of this session, participants should be able to:
• Describe the procedures and approaches discussed in this session.
Symposium

Coffee and Controversies: Minimally Invasive Surgery and Big Data vs. Social Media

7:00 – 8:00 am
Room: Ballroom C (Level 4)

Supported in part by an independent educational grant from Applied Medical

Debate #1: Is There Still a Role for HALS?
7:00 – 7:30 am

Debate #2: RCT’s/Big Data or Social Media – Which Is More Effective at Driving Change?
7:30 – 8:00 am

Debate #1: Is There Still a Role for HALS?

Minimally invasive surgery provides improved short-term outcomes for colorectal surgery patients. Despite this well accepted fact, 60% of colorectal operations in the United States are performed open. There are a variety of patient related factors that weigh into this number, but the biggest driver of the lack of adoption of laparoscopy is surgeon related. Different modalities claim to make minimally invasive surgery easier and to decrease the conversion rate to open; such as robotics, transanal TME and HALS. In reality, minimally invasive surgery is a skill that requires training, practice and patience.

HALS is a technique that bridges open surgery to straight laparoscopy where the operating surgeon maintains normal tactile feedback and has a hand for retraction. HALS can be quite challenging. It can be difficult to provide proper retraction while keeping the hand out of way of the camera. Since the incision must be the size of the operating surgeon’s hand, the incision is often larger than for straight laparoscopy. Some surgeons feel that this is unnecessary, and that straight laparoscopy has decreased morbidity; therefore, HALS is no longer necessary. There are also cases of conversion to open for patient-specific factors, and HALS can help with those difficult cases by allowing the surgeon to finger fracture inflamed tissues and improve retraction with tactile feedback.

Existing Gaps
What Is: Surgeons feel that the way they perform an operation is “best.”

What Should Be: An open dialogue about when HALS is beneficial over open procedures as well as a straight laparoscopy. All surgeons appreciate that HALS is a tool that we all can use for specific cases, but it requires skill and practice.

Objectives: At the conclusion of this session, participants should be able to:
• Discuss the benefits and downsides to HALS.
• Recognize that a surgeon’s comfort with a technique can be more important than data.
• Explain the continued use and benefits of HALS in certain circumstances.

Director: Meagan Costedio, MD, Cleveland, OH

7:00 am Crystallizing the Controversy; Clinical Scenarios to Consider
Meagan Costedio, MD, Cleveland, OH

7:05 am HALS – Pro
I. Emre Gorgun, MD, Cleveland, OH

7:12 am HALS – Con
Kelly Garrett, MD, New York, NY

7:19 am HALS Pro Rebuttal
I. Emre Gorgun, MD, Cleveland, OH

7:23 am HALS Con Rebuttal
Kelly Garrett, MD, New York, NY

7:27 am Concluding Remarks
Meagan Costedio, MD, Cleveland, OH

Continued next page
Coffee and Controversies: Minimally Invasive Surgery and Big Data vs. Social Media (continued)

Debate #2: RCT’s/Big Data or Social Media – Which is More Effective at Driving Change?

In our current state of health care economics, funding for research continues to decline. As a result, randomized controlled trials are becoming more difficult to complete. Funding may come from a sponsoring company, but if the study is negative, will it get published? Large databases are a great source of a huge amount of data, allowing us to ask questions about rare diseases or outcomes. However, using large databases may lead to Type 1 error, where we find an association though one does not exist. Despite the lack of data, practitioners are learning new techniques and many of them are well publicized. Social media has catapulted this process.

Social media can provide great marketing and exposure to the provider at no cost. Physicians can use this avenue as an educational tool to alert them to new and important studies published. However, patients and physicians can be led astray. Study data still must be interpreted, and social media provides no policing of physician-driven information.

Existing Gaps

What Is: Studies are being published at a rapid rate and it can be difficult to keep with up with current standard of care. It is also difficult to interpret some of that data.

What Should Be: Use social media to help decrease the time it takes to find valuable articles to stay current with literature as well as help to improve engagement and reputation while understanding the risks of a using this public forum.

Objectives: At the conclusion of this session, participants should be able to:

• Describe the pros and cons of large database studies.
• Explain that with the current volume of data that is being published, social media helps to draw attention to important articles.
• Recognize the benefits and drawbacks of social media for both the physician and patient.

Director: Meagan Costedio, MD, Cleveland, OH

7:30 am Crystallizing the Controversy; Clinical Scenarios to Consider
Meagan Costedio, MD, Cleveland, OH

7:35 am RCT’s/Big Data – Pros
Luca Stocchi, MD, Cleveland, OH

7:42 am Social Media – Pros
Alexis Grucela, MD, New York, NY

7:49 am RCT’s/Big Data – Rebuttal
Luca Stocchi, MD, Cleveland, OH

7:53 am Social Media Rebuttal
Alexis Grucela, MD, New York, NY

7:57 am Concluding Remarks
Meagan Costedio, MD, Cleveland, OH

8:00 am Adjourn
Symposium

What’s New in the Management of Rectal Cancer?

8:00 – 9:15 am
Room: Ballroom AB (Level 4)

Supported in part by an independent educational grant from Applied Medical

The outcomes of rectal cancer surgery remain highly variable. Tremendous differences have been reported relative to sphincter-sparing versus permanent stoma operations, surgical morbidity, post-operative mortality, local tumor recurrence and survival. Further, variations also occur in the utilization of a multidisciplinary evaluation to include tumor board discussion, radiological staging and pathological evaluation, as well as adjuvant/neoadjuvant chemoradiation therapy.

In 2017, several novel approaches to treating both early-stage and locally advanced rectal cancer are challenging the traditional standard of care. While the novel treatment paradigms aim to tailor multidisciplinary management and offer options to patients based on their disease characteristics, it is critical for surgeons and physicians to understand: the quality standards and benchmark outcomes associated with the standard of care; the nature of novel treatment approaches as well as the extent and the strength of the evidence associated with them and how to practically integrate above knowledge and apply them to make treatment recommendations and decisions in daily practice.

Existing Gaps

What Is: Significant variability continues to impact the care and the outcomes of patients with rectal cancer. Health care providers may not routinely participate in the multidisciplinary team approach for the management of both early-stage and locally-advanced rectal carcinoma. They may not be aware of the emerging novel treatment paradigms for rectal cancer, or cannot articulate either the evidence or the strength of the evidence that support the emerging treatment paradigms, or could benefit from synthesis of evidence toward practical application in daily patient cases.

What Should Be: Physicians should routinely engage in discussion of all rectal cancer cases in a multidisciplinary team setting that includes colorectal cancer radiologists, pathologists, surgeons, medical oncologists and radiation oncologists. Outcomes should be more uniform to include utilization of surgical approaches following oncological principles.

Objectives: At the conclusion of this session, participants should be able to:

• Evaluate the variability in rectal cancer surgery and understand the benchmark outcomes associated with standard of care.

• Articulate emerging treatment paradigms that address the integration of surgical resection in combination with medical and radiation oncologic treatments that may modify the current standard of care, and assess the strength of the available evidence associated with these emerging paradigms.

• Describe the outcomes associated with various surgical approaches for rectal cancer.

Co-directors: Scott Steele, MD, Cleveland, OH
Y. Nancy You, MD, Houston, TX

8:00 am Introduction
Scott Steele, MD, Cleveland, OH
Y. Nancy You, MD, Houston, TX

8:05 am What is the Standard of Care and Benchmark Outcomes for Early Stage and Locally Advanced Rectal Cancer?
George Chang, MD, Houston, TX

8:20 am When Can We Preserve the Rectum Early Stage and Locally Advanced Rectal Cancer?
Rodrigo Perez, MD, PhD, Sao Paulo, Brazil

8:35 am How Do I Selectively Use Radiation to Benefit the Rectal Cancer Patient?
Ibrahim Gecim, MD, Ankara, Turkey

8:50 am Chemotherapy: When, Which Agents and How Long?
Dustin Deming, MD, Madison, WI

8:55 am Case Discussion with Panel and Questions

9:15 am Adjourn
The prevalence of fecal incontinence (FI) is difficult to estimate, as it is frequently underreported due to embarrassment and reluctance of patients to discuss symptoms with their physicians. FI profoundly affects quality of life and causes significant social and psychological distress.

We know that the pathophysiology of FI can be complex and there may be more than one etiology that needs to be addressed. Consequently, because of multiple potential etiologies and pathophysiological risk factors, the evaluation and treatment of FI has been challenging as well as the assessment of whether treatment has been successful.

**Existing Gaps**

What Is: There are many treatments available for patients with FI, and it can be difficult to determine which treatment is best for a patient and a consistent and reliable method to assess outcomes.

What Should Be: Recognize which treatment options are available and how to individualize management to meet the needs and symptoms of the specific patient.

**Objectives:** At the conclusion of this session, participants should be able to:
- Recognize the medical treatments available for fecal incontinence.
- Define the indications for overlapping sphincteroplasty or sacral nerve stimulation (SNS) for the first line treatment of FI.
- Describe the indications for magnetic sphincter use and results of treatment.
- Explain the options and novel therapies for the treatment of FI.

**Co-directors:** Martha Ferguson, MD, Cincinnati, OH  
Kelly Garrett, MD, New York, NY

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tr>
<td>8:00 am</td>
<td>Introduction</td>
<td>Martha Ferguson, MD</td>
<td>Cincinnati, OH</td>
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<tr>
<td>8:05 am</td>
<td>Pills, Powders and Injections: Medical Options</td>
<td>Sarah Vogler, MD</td>
<td>St. Paul, MN</td>
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<td>8:20 am</td>
<td>When to Tighten, When to Stimulate: SNS vs. Sphincteroplasty</td>
<td>Shane McNevin, MD</td>
<td>Spokane, WA</td>
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<td>8:35 am</td>
<td>Sphincter Augmentation or Replacement: Novel Treatments</td>
<td>Anders Mellgren, MD</td>
<td>Chicago, IL</td>
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<td>8:50 am</td>
<td>Contribution of Internal Prolapse and When to Consider Repair</td>
<td>Brooke Gurland, MD</td>
<td>Stanford, CA</td>
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<td>9:05 am</td>
<td>Case Presentations</td>
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<td>9:15 am</td>
<td>Adjourn</td>
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Symposium

The Future of Surgical Practice: How Will Changes in the Rules Affect You?

9:30 – 10:45 am
Room: Ballroom C (Level 4)

Supported in part by an independent educational grant from Johnson & Johnson Medical Devices Companies (Ethicon)

Changes in health care delivery and reimbursement are occurring rapidly and understanding those changes is necessary to put ourselves in the best possible position. Most changes are centered on reimbursement and cost containment, with the central concept to provide the highest quality of care in the most cost effective manner. Centers for Medicare & Medicaid Services (CMS) has embraced this idea by developing payment systems based on expected cost of a single episode of care and integrating with the measured outcomes of individual physicians. This is creating an environment where every decision made by a physician has direct cost and outcome influence on how we will be reimbursed going forward. Thus, the reimbursement associated with pre-operative evaluation, perioperative care and 90 day postoperative care will result in a single flat sum Alternative Payment Models (APM), or will be based on our individual and institutional scorecard for measured quality, care improvement activities, provided care information and cost Merit-based Incentive Payment System (MIPS).

To put ourselves in the best possible position, it is necessary for our members to understand these payment systems and how they impact us. Specifically, our members need to understand how surgeons will be paid as a component of health care system, what are the criteria being utilized to determine physician payment, what can individual physicians do to decrease the cost of care and how do we integrate advances in technology and care without breaking the bank.

Existing Gaps
What Is: Currently care is delivered in a very individualized manner. Each physician provides care based on their specific preferences for each individual patient. This leads to inefficiencies in the quality and cost of health care delivery.

What Should Be: The entire health care system should be able to provide the highest quality of care in the most cost effective manner. This will require a clear understanding of the rules and a realignment of priorities so that the patient, physician and system equally benefit.

Objectives: At the conclusion of this session, participants should be able to:
• Recognize the MIPS and APM payment systems.
• Explain the components of scorecards or quality metrics used to influence reimbursement.
• Distinguish strategies to provide high quality care at the lowest possible costs.

Co-directors: Matthew Mutch, MD, St. Louis, MO
Charles Whitlow, MD, New Orleans, LA

9:30 am Introduction
Matthew Mutch, MD, St. Louis, MO
Charles Whitlow, MD, New Orleans, LA

9:35 am MACRA: What Is It and How Does It Impact Colon and Rectal Surgery?
Don Selzer, MD, Indianapolis, IN

9:50 am Physician Scorecards: How to Improve Your Score
Clifford Ko, MD, Los Angeles, CA

10:05 am Managing Patients After Discharge: Containing Costs and Improving Outcomes
Anthony Senagore, MD, Galveston, TX

10:25 am Introducing New Technology: Cost vs. Outcome
Sonia Ramamoorthy, MD, San Diego, CA

10:30 am Panel Discussion

10:45 am Adjourn
When the Dust Settles – Reconstruction After Leaks, Fistulas and Abdominal Wall Defects

Supported in part by an independent educational grant from Johnson & Johnson Medical Devices Companies (Ethicon)

During a colorectal surgeon’s career, we frequently encounter patients who have recovered from significant postoperative complications and abdominal wall catastrophes. After they have survived the initial insult, many patients are left with significant defects in the abdominal wall, massive hernias, enterocutaneous (EC) and enter-atmospheric fistulae and significant loss of domain. These issues pose a significant risk to health and quality of life and need to be addressed. These are complicated patients, often with significant co-morbidities and nutritional deficits, and the approach to successful reconstruction takes careful planning and significant expertise. Through this symposium, we aim to create a systematic way to assess all the complicated issues surrounding the planning and eventual reconstruction of the abdominal wall. By reviewing the preoperative considerations, followed by didactic lectures aimed at reviewing the various techniques of abdominal wall reconstruction based on the compartments of the abdominal wall, and finally decisions regarding reconstructive adjuncts, we aim to try to bring clarity to a delicate and complicated situation.

Existing Gaps
What Is: As colorectal surgeons, we frequently encounter patients who have survived abdominal catastrophes, and are left with large abdominal wall defects, massive hernias and/or enterocutaneous or entero-atmospheric fistulas. These are very difficult and complex cases, and the techniques and principles necessary to optimize and prepare patients for complex abdominal wall reconstruction and the techniques and adjuncts needed to do so are not well understood by many surgeons.

What Should Be: In order to provide the best care for their patients, it is necessary for any colorectal surgeon that may encounter patients who have recovered from abdominal catastrophes and are left with significant abdominal wall defects, hernias or enterocutaneous fistulae, be cognizant of all of the salient issues regarding planning optimization and eventual abdominal wall reconstruction. By understanding these issues, a surgeon may be able to make an informed decision about whether or not they can safely carry out an abdominal wall reconstruction, or whether or not referral or consultation for a joint operation is required.

Objectives: At the conclusion of this session, participants should be able to:

• Identify the salient issue of preoperative nutritional assessment, imaging and EC fistula management required to prepare a patient for abdominal wall reconstruction.
• Explain the various techniques of anterior component separation needed for successful abdominal wall reconstruction and when they are appropriate to use.
• Recognize the various techniques of posterior component separation needed for successful abdominal wall reconstruction and when they are appropriate to use.
• Recall the various options of how to “bail out” of difficult abdominal wall reconstruction cases, as well as what adjunctive mesh reconstruction options are available and how to choose the appropriate one and use it safely.

Co-directors: Joshua Bleier, MD, Philadelphia, PA
Joseph Carmichael, MD, Orange, CA

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<th>Time</th>
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<tr>
<td>9:30 am</td>
<td><strong>Introduction</strong></td>
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<td></td>
<td>Joshua Bleier, MD, Philadelphia, PA</td>
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<td>Joseph Carmichael, MD, Orange, CA</td>
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<td>9:35 am</td>
<td><strong>Preparing for Surgery After an Abdominal Catastrophe</strong></td>
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<td>Eric Pauli, MD, Hershey, PA</td>
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<td>9:49 am</td>
<td><strong>Anterior Component Separation: How To Do It and Why It Is The Best!</strong></td>
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<td>Daniel Popowich, MD, New York, NY</td>
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<td>10:03 am</td>
<td><strong>Posterior Component Separation: How To Do It and Why It Is The Best!</strong></td>
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<td>Sean Orenstein, MD, Portland, OR</td>
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<tr>
<td>10:03 am</td>
<td><strong>Posterior Component Separation: How To Do It and Why It Is The Best!</strong></td>
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<td>Sean Orenstein, MD, Portland, OR</td>
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<td>10:17 am</td>
<td><strong>How to Bail Out When Things Aren't Working and Mesh Selection</strong></td>
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<td>Jeffrey Blatnik, MD, Creve Coeur, MO</td>
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<td>10:31 am</td>
<td><strong>Case Discussions with Panel</strong></td>
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<td>10:45 am</td>
<td><strong>Adjourn</strong></td>
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1.25 CME
Abstract Session

Video Session

1 2

9:30 – 10:45 am
Room: Davidson Ballroom Salon A (Level 1M)

Co-moderators: Alessandro Fichera, MD, Chapel Hill, NC
Ali Mahmood, MD, Sugar Land, TX

9:30 am  Introduction
9:35 am  Complex Robotic Pelvic Dissection With Excision of Retrorectal Cyst  WV1
S.D. Talutis*, J. Hall1; 1Boston, MA

9:40 am  Discussion
9:43 am  Robotic Extralevator Excision of a Retrorectal Giant Aggressive Angiomyxoma  WV2
B.A. Spindler*, H. Saleem1, S.R. Kelley1; 1Rochester, MN

9:48 am  Discussion
9:51 am  Robotic Assisted APR With Robotic Harvest of Rectus Abdomin Muscular Flap for Vaginal Reconstruction  WV3
G. Chedister*, P.J. Maxwell1, K.O. Delaney1, V.V. George1; 1Charleston, SC

9:56 am  Discussion
9:59 am  Transanal Pouch Revision  WV4
P.L. Burgess*, B. Sklow2; 1Augusta, GA; 2Minneapolis, MN

10:04 am  Discussion
10:07 am  Laparoscopic Suture Fixation for Ileal J-Pouch Volvulus  WV5
M. Ferrara*, H. Vargas1; 1New Orleans, LA

10:12 am  Discussion
10:15 am  Transanal Minimally Invasive Surgery for Rectal Stricture  WV6
G. Chedister*, P.J. Maxwell1, V.V. George1; 1Charleston, SC

10:20 am  Discussion
10:23 am  ASCRS Barton Hoexter, MD, Best Video Award
Redo Repair of a Recurrent Rectovaginal Fistula With Rectal Advancement Flap: Three Layer Closure  WV7
S.J. Marecik*, C. Warner2, J. Trepanier2, K. Kochar1, J. Park1; 1Park Ridge, IL; 2Chicago, IL

10:28 am  Discussion
10:31 am  Comparison of Bursa Omentalis Approach Versus Medial-to-Later Approach Laparoscopic Radical Left Hemicolectomy  WV8
W. Wang*, W. Xiong1, J. Wan1; 1Guangzhou, China

10:36 am  Discussion
10:39 am  Question and Answer
10:45 am  Adjourn

All abstract session presenters are noted with an *.
This lectureship honors Dr. Ernestine Hambrick for her dedication to patients with colon and rectal disorders, surgical students and trainees and the community at large. The first woman to be board certified in colon and rectal surgery, Dr. Hambrick provided excellent care to patients and mentored numerous students, residents and young surgeons during her clinical practice.

Dr. Hambrick founded the STOP Foundation to promote the screening and the prevention of colon and rectal cancer. In addition, she has volunteered many hours to the ASCRS, which includes having served as Vice President.
Abstract Session

Neoplasia II

12:30 – 2:00 pm
Room: Ballroom C (Level 4)

Co-moderators: Karim Alavi, MD, Worcester, MA
Karim Hardiman, MD, Ann Arbor, MI

12:30 pm Introduction

12:35 pm Long-term Oncologic Outcomes After Neoadjuvant Chemoradiation Followed by Intersphincteric Resection with Coloanal Anastomosis for Locally Advanced Low Rectal Cancer

J. Park*, G. Choi¹, S. Park¹, H. Kim¹, I. Woo¹;
¹Daegu, Korea (the Republic of)

Discussion

12:40 pm Endoscopic Biomarkers as Predictors of Response to Chemoradiation in Rectal Cancer

C. Peeples¹, J.K. Douglas*, C. Cousineau¹,
H. Wasvary¹, Z.A. Hothen¹, B. Thibodeau¹,
B. Sopczynski¹, W. Li¹; ¹Royal Oak, MI

Discussion

12:48 pm Size of Rectal Neuroendocrine Tumors Predicts Metastatic Potential

S.J. Concors*, A. Sinnamon¹, I. Folkert¹,
N. Mahmoud¹, E. Paulson¹, R.E. Roses¹;
¹Philadelphia, PA

Discussion

12:54 pm What is the Risk of Anal Carcinoma in Patients With Anal Intraepithelial Neoplasia?

G. Lee*, H. Kunitake¹, C. Stafford¹,
L. Bordeianou¹, T.D. Francone¹, R. Ricciardi¹;
¹Boston, MA

Discussion

1:04 pm Minimally Invasive Surgery for Rectal Adenocarcinoma Has Improved Survival Versus Laparotomy, a National Cancer Database Observational Analysis

M. Skancke*, C. Schoolfield¹, R.L. Amdur¹,
V. Obias¹; ¹Washington, DC

Discussion

1:12 pm Discussion

1:15 pm Detection of Germline Cancer Predisposition Variants Among Advanced Colorectal Cancer Patients Undergoing Tumor Genomic Profiling for Precision Medicine

Y. You*, A. Cuddy¹, G. Chang¹, E. Borras¹,
K. Chang¹, B. Price¹, M.A. Rodriguez-Bigas¹,
E. Vilar Sanchez¹; ¹Houston, TX

Discussion

1:20 pm A Changing Spectrum of Colorectal Cancer Biology with Age: Implications for the Young Patient

H.S. Chouhan*, J. Church¹, M. Kalady¹;
¹Cleveland, OH

Discussion

1:27 pm Anorectal Dysfunction After taTME: Manometric and Endoanal Ultrasound Analysis

V. Turrado-Rodriguez*, A.T. Torroella¹, F. de Lacy Oliver¹, A. Otero-Piñeiro¹, B. Martin-Perez¹,
D. Momblan¹, R. Bravo¹, A. Ibarzabal Olano¹,
A. Lacy Fortuny¹; ¹Barcelona, Spain

Discussion

1:36 pm Use of Neoadjuvant Short-course Radiotherapy for Rectal Adenocarcinoma in the United States: Insights into Patterns of Practice and Outcomes

M.A. Adam*, M. Turner¹, H.G. Moore¹,
C.R. Manty¹, J. Migaly¹; ¹Durham, NC

Discussion

1:47 pm Cost-effectiveness Analysis of Total Neoadjuvant Therapy Followed by Radical Resection Versus Traditional Therapy for Locally Advanced Rectal Cancer

M. Wright*, C. Ternent¹; ¹Omaha, NE

Discussion

1:55 pm Question and Answer

2:00 pm Adjourn

All abstract session presenters are noted with an *.
Postoperative outcomes are increasingly used to measure and report the quality of surgical care. This data has many uses, but the most important use is to drive quality improvement. With many potential sources of data that are used to represent postoperative outcomes, it is often difficult to know which data source to trust. Even more challenging is generating a valid process that uses this data to drive quality improvement. In this session, we will review the science behind quality measurement/quality improvement with the explicit purpose of empowering the surgeon as an agent of change.

**Existing Gaps**

**What Is:** ASCRS membership is potentially unfamiliar with the strengths and pitfalls of different types of data, as well as with the science behind quality improvement.

**What Should Be:** Surgeons should be empowered as agents of change.

**Objectives:** At the conclusion of this session, participants should be able to:

- Explain the pros and cons of different types of data available in terms of their suitability for generating and monitoring quality improvement efforts.
- Recognize the pitfalls that can arise in a data-driven approach to quality improvement and how to avoid them.
- Develop strategies to select an appropriate quality improvement effort from within a range of possible targets.

**Co-directors:**

David Etzioni, MD, Phoenix, AZ  
Larissa Temple, MD, Rochester, NY

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12:30 pm  **Introduction**  
Arden Morris, MD, Stanford, CA

12:35 pm  **What Data Can You Trust?**  
David Etzioni, MD, Phoenix, AZ

12:50 pm  **Patient Reported Outcomes and YOU**  
Larissa Temple, MD, Rochester, NY

1:05 pm  **Meaningful Feedback to Surgeons**  
Rocco Ricciardi, MD, Boston, MA

1:20 pm  **QI – It Doesn’t Always Work**  
Elizabeth Wick, MD, San Francisco, CA

1:35 pm  **Closing Thoughts**  
Arden Morris, MD, Stanford, CA

1:50 pm  **Questions and Answers**  

2:00 pm  **Adjourn**
# Abstract Session

## Pelvic Floor Disorders

2:00 – 3:30 pm  
Room: Ballroom C (Level 4)

**Co-moderators:** Liliana Bordeianou, MD, Boston, MA  
Sowsan Rasheid, MD, Tampa, FL

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<td>2:00 pm</td>
<td><strong>Introduction</strong></td>
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<tr>
<td>2:05 pm</td>
<td><strong>Laparoscopic Ventral Rectopexy Versus Stapled Transanal Rectal Resection (STARR) for Treatment of Obstructed Defecation in The Elderly: Long-term Results of a Prospective Randomized Study</strong>&lt;sup&gt;65&lt;/sup&gt;</td>
<td>K. Madbouly*, A. Mohii; Alexandria, Egypt</td>
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<td>2:10 pm</td>
<td><strong>Discussion</strong></td>
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<td>2:13 pm</td>
<td><strong>Anatomy Is Not Always Destiny: Patients With Surgically Correctable Internal Intussusception Must Be Evaluated for Co-Existing Irritable Bowel Syndrome</strong>&lt;sup&gt;66&lt;/sup&gt;</td>
<td>P.M. Cavallaro*, K. Staller, L. Savitt, H. Milch, M. Weinstein, B. Nath, R. Ricciardi, L. Bordeianou; Boston, MA</td>
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<td>2:18 pm</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>2:23 pm</td>
<td><strong>Using Sacral Nerve Modulation to Improve Continence and Quality of Life in Patients Suffering Low Anterior Resection Syndrome</strong>&lt;sup&gt;67&lt;/sup&gt;</td>
<td>A. Croese*, Y. Ho; Townsville, Queensland, Australia</td>
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<td>2:28 pm</td>
<td><strong>Discussion</strong></td>
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<td>2:31 pm</td>
<td><strong>Rectal Prolapse Recurrence Following Ventral Mesh Rectopexy Can Be Minimized if Anterior Compartment Defects are Thoroughly Evaluated and Treated</strong>&lt;sup&gt;68&lt;/sup&gt;</td>
<td>B. Djenic*, D. Maun, T. Reidy, R. Melbért, F. Lane, O. Johansen, B. Tsai; Indianapolis, IN</td>
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<td>2:36 pm</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>2:39 pm</td>
<td><strong>High Doses of Botox to Treat Levator Spasm and Obstructed Defecation: To Repeat or Not</strong>&lt;sup&gt;69&lt;/sup&gt;</td>
<td>T. Reif de Paula*, B.H. Gurland, T. Hull, M. Zutshi; Cleveland, OH, Stanford, CA</td>
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**Discussion**

**Sacral Nerve Stimulation for Constipation**<sup>70</sup>  
R.D. Bennett*, A.K. Mongiu, R.W. Farmer, T. Abell, A. Stocker; Louisville, KY

**Vaginal Valium for Levator Spasm: An Alternative Route of Treatment**<sup>71</sup>  
C.A. Lynn*, M. Hawkins, J.A. Griffin, J. Scanlan; Seattle, WA

**Efficacy of Foot Stool for the Patient With Obstructed Defecation Syndrome: A Prospective Study**<sup>72</sup>  
S. Takano*; Kumamoto, Kumamoto, Japan

**Quality of Life Comparison of Two Fecal Incontinence Phenotypes: Isolated Fecal Incontinence Versus Concurrent Fecal Incontinence With Constipation**<sup>73</sup>  

**Long-term Results of Pelviperineal Rehabilitation in Patients With Fecal Incontinence**<sup>74</sup>  
L.C. Carcamo Gruebler*, S. Aljaro Ehrenberg, F. Castro Vargas, J. Leiva Valdes, G. Palominos, J. Cerda Lorca, F. Bellolio, M. Molina; Santiago, Chile

All abstract session presenters are noted with an *.
Symposium

Difficulties Surrounding the Management of Diverticulitis

2:00 – 3:30 pm
Room: Ballroom AB (Level 4)

The incidence of diverticular disease has increased over the past few decades. Increasingly, patients are managed with non-operative approaches. Although more patients are managed as outpatients, providers are frequently confronted with complex decision making in patients who have persistent symptoms or radiologic findings and suffer from multiple comorbid conditions.

We will review current strategies for evaluation and management of the patient with diverticular disease in both the acute and elective setting.

Existing Gaps
What Is: Risk factors for developing disease, best practice discussion of the threshold for elective and emergent intervention, and appropriate techniques for management of challenging issues in both the acute and elective clinical setting.

What Should Be: A clear approach to both emergent and elective disease management. Important questions for future research.

Objectives: At the conclusion of this session, participants should be able to:

• Recognize the current literature regarding etiology and impact of acute and chronic diverticulitis, and current surgical options for management in both the emergent and elective settings.

• Improve understanding and utilization of best practices for management of acute diverticulitis both in the hospitalized patient and in elective surgical planning.

• Recognize areas of treatment that need further research.

Co-directors: Timothy Geiger, MD, Nashville, TN
Jason Hall, MD, Boston, MA

2:00 pm  Introduction
Timothy Geiger, MD, Nashville, TN
Jason Hall, MD, Boston, MA

2:05 pm  Diverticulitis: Pathophysiology, Epidemiology, Genetics and Risk Factors: What Is the Best Evidence to Counsel Our Patients?
Matthew Silviera, MD, St. Louis, MO

2:25 pm  When Do We Intervene After Medical Management of a Diverticular Abscess?
Angela Kuhnen, MD, Boston, MA

2:35 pm  Management of Complicated Diverticular Disease in the Face of Significant Medical Comorbidities
Ron Landmann, MD, Jacksonville, FL

2:45 pm  Laparoscopic Lavage: What Do the Randomized Trials Tell Us?
Jonathan Laryea, MD, Little Rock, AR

2:55 pm  Atypical Diverticulitis and Post-diverticulitis IBS; the CT Scan is Normal But My Patient Still Has Symptoms?
Alexander Hawkins, MD, Nashville, TN

3:05 pm  Panel Discussion and Case Presentations

3:30 pm  Adjourn
Each E-poster has been assigned a specific presentation time where the author will present their research from a dedicated monitor to answer questions.

The E-poster presentation and viewing area is in Exhibit Hall B (Level 3) and open during normal exhibit hours.

**Dedicated Presentation Times:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday, May 21</th>
<th>Tuesday, May 22</th>
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<tbody>
<tr>
<td>9:35 – 9:55 am</td>
<td>11:40 am – 12:35 pm</td>
<td>11:40 am – 12:50 pm</td>
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<td>3:35 – 3:55 pm</td>
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### Monday, May 21

**Monitor #1 – Benign Disease**

**Co-moderators:** John Hunter, MD, Mobile, AL
Jonathan Mitchem, MD, Columbia, MO

- **9:35 am** Propensity Matched Comparison of Robotic Versus Laparoscopic-assisted Elective Sigmoid Resection for Diverticular Disease  
  R.N. Saunders*, J.L. Parker¹, J.W. Ogilvie; ¹Grand Rapids, MI
  ¹Grand Rapids, MI

- **9:40 am** Technical Considerations for Surgical Resection of Dumbbell Shaped Pelvic Lipomas  
  P. Davis*, E.J. Dozois¹, S.R. Kelley¹, P. Rose; ¹Rochester, MN
  ¹Rochester, MN

- **9:45 am** It’s Time to Retire Goodsall’s Rule: The Midline Rule Is a More Accurate Predictor of the True and Natural Course of Anal Fistulas  
  W.C. Ciococco*, J.C. Reilly; ¹Columbus, OH; ²Erie, PA
  ¹Columbus, OH; ²Erie, PA

  S.S. Brandstetter*, A.R. Bhama¹, A. Aiello¹, S. Holubar; ¹Cleveland, OH
  ¹Cleveland, OH

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### Monday, May 21

**Monitor #2 – Benign Disease**

**Co-moderators:** Elise Lawson, MD, Madison, WI
Radhika Smith, MD, St. Louis, MO

- **9:35 am** Operative Rates in Acute Diverticulitis With Concurrent Small Bowel Obstruction  
  J. Glaser*, M. Farrell¹, R. Caplan¹, M. Rubino¹; ¹Newark, DE
  ¹Newark, DE

- **9:40 am** Case Series of Single Surgeon Experience With Robotic-assisted Surgery for Complicated and Noncomplicated Diverticulitis  
  J. Xia¹, T.J. Paul Olson¹, S. Perez¹, T.W. Gillespie³, S.A. Rosen*¹; ¹Johns Creek, GA
  ¹Johns Creek, GA

- **9:45 am** Self-fixating Mesh in Parastomal Hernia Repair: A New Approach to an Old Problem  
  P. Marcinkowski*, P. Strassle¹, T. Sadiq¹, M. Koruda¹, N. Chaumont¹; ¹Chapel Hill, NC
  ¹Chapel Hill, NC

- **9:50 am** Prophylactic Mesh Use in End Colostomies to Prevent Parastomal Hernia: A Study of the Current Practice Patterns and Attitudes of North American Colorectal Surgeons  
  J.A. Holland*¹, T.R. Chesney¹, F. Dossa¹, S.A. Acuna¹, K.A. Fleschner¹, N. Baxter¹; ¹Toronto, ON, Canada; ²Ottawa, ON, Canada
  ¹Toronto, ON, Canada; ²Ottawa, ON, Canada

All e-poster presenters are noted with an *.
E-POSTER PRESENTATIONS

Monday, May 21
Monitor #3 – Case Study

Co-moderators: Leander Grimm, Jr., MD, Mobile, AL
Andrew Russ, MD, Knoxville, TN

9:35 am Chronic Hiddrenitis Suppurativae, Hurley Stage III: A Case Study
G.G. Maranon*1, R.K. Lee1; 1Taguig City, Metro Manila, Philippines

9:40 am Hidradenoma Papilliferum of the Anus: A Report of Two Cases
G. Seo*1, H. Cho1; 1Gwangju, Korea (the Republic of)

9:45 am Intraluminal Burkitt Lymphoma Presenting as Perforated Appendicitis
A.P. Russeau1, I. Kichko*1, J. Estrada1, J.P. Kaminski1; 1Chicago, IL

9:50 am Locally Invasive Ovarian Teratoma: An Unusual Case of Rectal Prolapse
P.P. Shenoy*1, S. Vaid1; 1Newark, DE

Monday, May 21
Monitor #4 – Case Study

Co-moderators: Brian Bello, MD, Washington, DC
Luis Hernandez, MD, Miami, FL

9:35 am Misdiagnosis of Transverse Diverticulitis via Computed Tomography
C. Zhang*1, D. Hart1, W. Ambroze1, M. Schertzer1, E. King1; 1Atlanta, GA

9:40 am Stercoral Ulcer Presenting as a Bowel Obstruction
D. Hart*1, C. Zhang1, E. King1, M. Schertzer1, W. Ambroze1; 1Atlanta, GA

9:45 am Laparoscopy via the Stoma Site: A Novel Use for Laparoscopy During Diverting Loop Ileostomy Reversal
A. Morgan*1, S. McClane1; 1Camden, NJ

9:50 am A Rare Case of Endometriosis Lesion in Caecum Causing Acute Small Bowel Obstruction
F.S. Halim*1; 1West Jakarta, Jakarta, Indonesia

All e-poster presenters are noted with an *.

Monday, May 21
Monitor #5 – Education

Co-moderators: Aakash Gajjar, MD, Galveston, TX
Srinivas Ivatury, MD, Lebanon, NH

9:35 am Awareness of Colorectal Cancer Among Public in Asir Region
K.A. Fayi*1, M.N. Al-sharif1, A.A. Alobaidi1, B.A. Alshamanri1; 1Khamis Moshate, Saudi Arabia

9:40 am Impact of Colorectal Robotic Surgery on General Surgery Resident Education
T. Bernaiche*1, E. Emery1, T. Plerhoples1; 1Fairfax, VA

9:45 am Landing Your First Colorectal Surgery Job: How to Find It and What to Expect
K.L. Sherman*1, E. Steinhagen2, T. Brady2, J. Mizell3, S.L. Stein2; 1Durham, NC; 2Cleveland, OH; 3Little Rock, AR

9:50 am Learning Curve in Robotic Colorectal Surgery
A. Alizadeh*1, A. Lee1, H.C. Sax1, J. Cohen1, J.D. Ellenhorn1, Y. Nasser1; 1Los Angeles, CA

Monday, May 21
Monitor #6 – Inflammatory Bowel Disease

Co-moderators: Jennifer Ayscue, MD, Washington, DC
Karen Zaghiyan, MD, Los Angeles, CA

9:35 am Does BMI Influence Decision to Perform Ileal Pouch Anal Anastomosis in Patients With Ulcerative Colitis: A Review of the ACS-NSQIP Database
M. Ferrara*1, H. Green1, A. Klinger1, N.E. Wieghard1, H. Vargas1; 1New Orleans, LA

9:40 am Small Bowel Adenocarcinoma in Crohn’s Disease: A Rare but Devastating Complication
N.A. Jeganathan*1, G. Karagkounis1, L. Stocchi1, T. Hull1, S. Shawki1, D. Liska1; 1Cleveland, OH

9:45 am Combination Therapy for Perianal Fistulizing Crohn’s Disease With Infliximab: What Is the Optimal Time for Surgical Intervention?
P. Zhu*1, Y. Gu1, B. Yang1; 1Nanjing, China
9:50 am  Outcomes for Fulminant Ulcerative Colitis With Delayed Surgery are Worse When Controlling for Preoperative Risk Factors  P24
I. Leeds1, M. Sundel2*, A. Gabre-Kidan1, B. Safar1, B. Truta1, J. Mella1, J. Efron1, S. Fang1; 1Baltimore, MD

Monday, May 21
Monitor #7 – Inflammatory Bowel Disease

Co-moderators:  Nicole Lopez, MD, La Jolla, CA
Eric Nelson, MD, Chattanooga, TN

9:35 am  Enhanced Recovery After Surgery Protocol Combined With Laparoscopic Total Proctocolectomy and Ileoanal Anastomosis for Ulcerative Colitis  P25
Y. Sato1*, T. Oshiro1, T. Kitahara1, K. Kawamitsu1, R. Takagi1, T. Urita1, Y. Yoshida1, S. Okazumi1; 1Sakura, Chiba, Japan

9:40 am  Rectal Eversion – Safe and Effective Way to Achieve Low Transaction in Ileal Pouch-Anal Anastomosis Surgery, Short and Long-term Outcomes  P26
V. Poylin1*, J. Cataneo1, T. Cataldo1; 1Boston, MA

9:45 am  Pathological Characteristics of the Remnant Rectal Mucosa After IPAA for Ulcerative Colitis  P27
A. Ikebata1*, K. Okabayashi1, H. Hasegawa1, M. Tsuruta1, Y. Kitagawa1; 1Tokyo, Japan

9:50 am  High Body Mass Index as a Risk Factor for a Large Amount of Retained Rectal Mucosa After Stapled Ileal Pouch-Anal Anastomosis for Ulcerative Colitis  P28
H. Kimura1*, R. Kunisaki1, K. Tatsumi1, K. Koganei1, A. Sugita1, I. Endo1; 1Yokohama, Japan

Monday, May 21
Monitor #9 – Neoplastic Disease

Co-moderators:  Jeffrey Barton, MD, New Orleans, LA
Gregory Quatrino, MD, Chattanooga, TN

9:35 am  Total Neoadjuvant Therapy for Rectal Cancer: Critical Assessment of a Practice Change  P33
B.C. Chapman1*, T. Shang2, A. Gleisner1, K. Goodman1, W. Messersmith1, M. Cowan1, J.D. Vogel1; 1Aurora, CO; 2Chicago, IL

9:40 am  Internal Hernia Following Laparoscopic Low Anterior Resection: A Case Series  P34
F. Rouleau Fournier1*, S. Drolet1, A. Bouchard1, P. Bouchard1; 1Quebec, QC, Canada

9:45 am  Treatment Strategies and Survival Trends for Anorectal Melanoma: Is it Time for a Change?  P35
J.P. Taylor1*, M. Stem1, D. Yu1, S.Y. Chen1, S. Fang1, S. Gearhart1, B. Safar1, J. Efron1; 1Baltimore, MD

9:50 am  Current Practice Patterns and Survival for Stage IV Squamous Cell Carcinoma of the Anal Canal: An Analysis of the National Cancer Database  P36
J.Y. Cruz1*, E.M. LeeVan1, G. Akopian1, K.S. King2, H.S. Kaufman1; 1Los Angeles, CA; 2Pasadena, CA

All e-poster presenters are noted with an *.
**Monday, May 21**

**Monitor #10 – Neoplastic Disease**

**Co-moderators:** Kurt Davis, MD, *New Orleans, LA*
Leandro Feo, MD, *Manchester, NH*

9:35 am  Flexible Sigmoidoscopy Is Not Sufficient Screening for the Rising Incidence of Colorectal Cancer in the Young African American Population  
P37  
T. Hassab*, L. Segev¹, M. Kalady¹, J. Church¹; ¹Cleveland, OH

9:40 am  A Comparison of Laparoscopic Resection for Rectal Cancer Before and After ACOSOG Z6051: Trends and Perioperative Outcomes  
P38  
C.H. Davis*, T. Gaglani¹, H. Bailey¹, M.V. Cusick¹; ¹Houston, TX

9:45 am  Distal Margins of Resection in Colorectal Cancer Specimens: Differences in Assessment Between the Surgeon and the Pathologist  
P39  
T.L. Ghezzi*, C. Tarta¹, P.D. Contu¹, A.R. Lazzaroni¹, B.G. Muller¹, D.D. Damin¹; ¹Porto Alegre, Rio Grande do Sul, Brazil

9:50 am  Submucosal Variant of Anal Squamous Cell Carcinoma  
P40  
J. Terlizzi*, S. Goldstone¹; ¹New York, NY

**Monday, May 21**

**Monitor #11 – Outcomes**

**Co-moderators:** Samuel Eisenstein, MD, *La Jolla, CA*
Janet Lee, MD, *St. Paul, MN*

P41  
J. Marcotte*, K. Patel², R. Desai², J. Gaughan², J. Dy², M. Kwiat², S. McClane¹; ¹Philadelphia, PA; ²Camden, NJ

9:40 am  Postoperative Outcomes of Super Elderly Patients Undergoing Colorectal Surgery in a Community Setting  
P42  
F. Kegel*, E.C. Hodgson¹, C. Zalai¹; ¹Montreal, ON, Canada

9:45 am  Minimally Invasive Colectomy – A Simplified Nomogram to Predict Conversion to Open Procedure  
P43  
A.R. Bhama*, A. Aiello¹, S.D. Holubar¹, H. Kessler¹, S.R. Steele¹, E. Gorgun¹; ¹Cleveland, OH

9:50 am  Hospitalizations Prior to Elective Operation for Inflammatory Bowel Disease are Associated With Inferior Outcomes and Higher Cost  
P44  
T. Weidner*, J.T. Kidwell¹, Y. Chang¹, N.P. McKenna², N. Mishra¹, T.M. Young-Fadok¹, D. Etzioni¹; ¹Phoenix, AZ; ²Rochester, MN

**Monday, May 21**

**Monitor #12 – Outcomes**

**Co-moderators:** Deborah Keller, MD, *New York, NY*
George Nassif, Jr., DO, *Orlando, FL*

9:35 am  Do We Know the Real Cost of a Complication After Colorectal Resection? Is There Any Economical Influences of the ERAS (Early Recovery After Surgery) Program in that Occurrence?  
P45  
D. Petit¹, P. Alfonsi¹, A. Perier¹, J. Loriau*¹; ¹Paris, France

9:40 am  Impact of Frailty on the ACS-NSQIP Risk Calculator in Laparoscopic Colectomy Patients  
P46  
B.D. Robinson*, M. Mrdutt¹, R. Essani¹, J.S. Thomas¹, R. Warrier¹, H.T. Papaconstantinou¹; ¹Temple, TX

9:45 am  High Compliance to an Enhanced Recovery Pathway for Frail Patients Undergoing Gastrointestinal Surgery Is Associated With Improved Postoperative Outcomes  
P47  
J.P. Hampton*, O. Owodunni², D. Bettick², S. Fang², T. Magnuson², S. Gearhart²; ¹New York, NY; ²Baltimore, MD

9:50 am  The Effects of Intraoperative ICG Fluorescence Angiography in Laparoscopic LAR: A Propensity Score-Matched Study  
P48  
T. Wada*, K. Kawada¹, N. Hoshino¹, S. Inamoto¹, M. Yoshitomi¹, K. Hida¹, Y. Sakai¹; ¹Kyoto, Japan

**Monday, May 21**

**Monitor #13 – Outcomes**

**Co-moderators:** Scott Kelley, MD, *Rochester, MN*
Rebecca Rhee, MD, *Booklyn, NY*

9:35 am  The Use of Laparoscopy in the Management of Complications Following Laparoscopic Colorectal Surgery  
P49  
M. Dean*, D. Liska¹, S.R. Steele¹, E. Gorgun¹; ¹Cleveland, OH

All e-poster presenters are noted with an *.
9:40 am  The Determinants of Palliative Care Utilization in Colorectal Cancer Patients: A Call for an Improved Multidisciplinary Approach  
P50  
D. Colibaseanu*1, O. Osagiede1, A. Spaulding1, R.D. Frank2, A. Merchea1, K.L. Mathis2, A.S. Parker1, S. Aiawadhi1; 1Jacksonville, FL; 2Rochester, MN

9:45 am  The Incidence and Risk Factors for Complications in Geriatric Patients Undergoing Colorectal Surgery  
P51  
J. Lei*, A. Abdurakhmanov1, F.J. Caliendo1, J. Procaccino1, N. La gamma1, A. Zimmern1, J.P. Ricci1; 1Glen Oaks, NJ

9:50 am  Cost Effectiveness of Extended Thromboprophylaxis in Patients Undergoing Colorectal Surgery From a Canadian Healthcare System Perspective  
P52  
M. Trepanier*, N. Alhassan1, C. Sabapathy1, S. Liberman1, P. Charlebois1, B. Stein1, L.S. Feldman1, L. Lee1; 1Montreal, QC, Canada

Monday, May 21  
Monitor #14 – Outcomes  
Co-moderators: Dorin Colibaseanu, MD, Jacksonville, FL  
Amy Lightner, MD, Rochester, MN

9:35 am  Retrospective Non-inferiority Study of Perphenazine Compared to Aprepitant for the Treatment of Postoperative Nausea and Vomiting (PONV) in Enhanced Recovery After Surgery (ERAS) Colorectal Surgery Patients  
P53  
J. Gealey*, K. Subramaniam1, J. Holder-Murray1, S. Esper1, M. Boisen1, K.A. Meister1, D. Medich1, J. Salgado1; 1Pittsburgh, PA

9:40 am  Loop Ileostomy With Colonic Lavage Is a Safe Treatment Option for Severe Clostridium Difficile Colitis and Does Not Result in Subsequent Colostomy  
P54  
B.R. Hall*, P.R. Armijo1, R. Batra1, M. Fuglestad1, D. Oleynikov1, S. Langenfeld1, J. Leinicke1; 1Omaha, NE

9:45 am  Composite Anatomical Reconstruction of the Perineum – Improved Perineal Wound Outcomes  
P55  
M. Wright*, M. McCain1, S. Wood1, V. Menon1, N. Ayoub1, C. Terman1; 1Omaha, NE

9:50 am  Prediction of Urinary Retention After Surgery for Rectal Cancer by Using a Novel Scaling System in the 24-hour Voiding Status Following Foley Catheter Removal  
P56  
K. Imaizumi*, Y. Tsukada1, Y. Komai2, T. Sasaki3, Y. Nishizawa1, M. Ito1; 1Kashiwa, Japan; 2Tokyo, Japan

Monday, May 21  
Monitor #15 – Outcomes  
Co-moderators: Nitin Mishra, MD, Phoenix, AZ  
Shreya Shetty, MD, Phoenix, AZ

9:35 am  Does Hospital Volume Impact the Risk of Local Recurrence of Rectal Cancer? A Retrospective Cohort Study  
P57  
M. Delisle*, R.M. Helewa1, J. Park1, D. Hochman1, M. Nash1, A. McKay1; 1Winnipeg, MB, Canada

9:40 am  Tell Us What You Really Think: A Qualitative Evaluation of Implementation of an Enhanced Recovery Pathway  
P58  
M.W. Meyers*, K. Kreutzer1, M. McGee1, S. Ahmad1, K. Gonzalez2, S. Oberoi1, K. Bilimoria1, J. Johnson1; 1Chicago, IL

9:45 am  Non-home Discharge After Colorectal Surgery Is Associated With Higher 30-day Readmission Risk  
P59  
C.M. Hoang*, J. Davids1, J. Flahive1, P. Sturrock1, J. Maykel1, K. Alavi1; 1Worcester, MA

9:50 am  Robotic Versus Laparoscopic Right Colectomy: Postoperative Hemoglobin Trends in a Community Colorectal Surgery Group  
P60  
A. Raza*, M. Downs1; 1Dallas, TX

Monday, May 21  
Monitor #16 – Pelvic Floor  
Co-moderators: Nelya Melnitchouk, MD, Boston, MA  
Steven Scarcliff, MD, Birmingham, AL

9:35 am  Clinical & Quality of Life Benefits in Fecal Incontinence After Transcutaneous Posterior Tibial Nerve Stimulation: A Prospective Single Arm Study From a Mexican Referral Center  
P61  
F.M. Abarca*, V. Maciel1, M. Puga Tejada2, J.A. Valenzuela Perez1, L. Sanchez2, I.C. Vega1, S.G. Gutierrez Guillen1, F.S. Hernandez Garcia1, M.W. Centeno Flores1; 1Guadalajara, Jalisco, Mexico; 2Guayaquil, Guayas, Ecuador

All e-poster presenters are noted with an *.
9:40 am Transanal Irrigation for Refractory Fecal Incontinence and/or Constipation: A Prospective Multicenter Clinical Study P62
T. Mimura*, A. Tsunoda, A. Sengoku, H. Katsuno, Y. Takao, Y. Kimoto, T. Yamana, T. Takahashi, M. Nomiyama, K. Maeda, Saitama, Japan; Chiba, Japan; Kobe, Japan; Aichi, Japan; Tokyo, Japan; Fukuoka, Japan

Our Rectal Prolapse Experience: Letting It All Hang Out! P63
J. Dean*, A. Crume, M. Murday, P. Bossart, J. Waldron; Salt Lake City, UT

Rectal Foreign Bodies: A Review of the Experience of a Busy Private Practice P64

Monday, May 21
Monitor #1 – Basic Science & Case Study

Co-moderators: Anuradha Bhama, MD, Cleveland, OH
Jessie Joshua Smith, MD, PhD, New York, NY

11:40 am Combined Treatment of Metastatic Colorectal Cancer in an Orthotopic Mouse Model With 5-Fluorouracil and Calcitriol P65
S. McChesney*, L. Hellmers, G. Maresh, X. Zhang, L. Li, D.A. Margolin; New Orleans, LA

Cytokine Analysis May Predict Successful Healing of Anal Fistulas P66
J. Sugrue*, J. Schwartz, A. Bartholomew, A. Paredes, H. Abcariyan, V. Chaudhry, A. Mellgren, J. Nordenstam; Chicago, IL

11:50 am Cancer Vaccine Targeting MYB In Epithelial Cancers: Preclinical Model to Clinical Trial P67
T. Pham*, S. Sampurno, S. Pereira, S. Roth, V. Narasimhan, A. Heriot, J. Desai, R. Ramsay; Melbourne, Victoria, Australia

11:55 am Altered miRNA Profiles in Stool of Patients With Colorectal Cancer or Orecancerous Lesions Detected by Next Generation Sequencing P68
G. Gallo*, S. Tarallo, B. Pardini, F. Cordero, A. Realis Luc, G. Clerico, A. Naccarati, M. Trompetto; Catanzaro, Italy; Turin, Piemonte, Italy; Vercelli, Piemonte, Italy

Noon External Iliac Vein and Its Tributaries Variations, Easy or Complex? P69
P. Kanjanasilp*, K. Kajohnwongsatit; Bangkok, Klongtoei, Thailand

12:05 pm MicroRNA-940 and MicroRNA-351 Repress Cell Proliferation of Colorectal Cancer Cell Lines by Targeting MyD88 P70
Y. Cao, Q. Zhao, X. Liu, H. Wang; Shanghai, China

Towards a Biosensor for Colorectal Anastomotic Leak: Determining the Stability of Peritoneal Fluid Biomarkers P71
E.C. Wright*, S. Moug; Glasgow, United Kingdom

Comparison of Mutational Patterns and Survival in Colorectal Cancer With and Without Lymphovascular Invasion P72

Collagen Gene COL11A1 Is Over Expressed in Early Onset Rectal Cancer and Co-expressed With EMT Markers P73
V.N. Nfonsam*, D. Chen, A. Cruz, L. Nfonsam, A.N. Ewongwo, O.P. Mogor, R. Runyan; Tucson, AZ; Ottawa, ON, Canada

SFRRP4 Gene Is Co-expressed With EMT Genes in Early Onset Cancer Patients and Associated With Poor Survival P74
L. Nfonsam*, D. Chen, O.P. Mogor, A. Cruz, A.N. Ewongwo, R. Runyan, V.N. Nfonsam; Ottawa, ON, Canada; Tucson, AZ

Delayed Presentation of Pyogenic Liver Abscesses After Hemorrhoidectomy P75
P.S. Bauer*, J. Levy, A. Reichstein; Pittsburgh, PA

Monday, May 21
Monitor #2 – Benign Disease

Co-moderators: Ellen Bailey, MD, Columbus, OH
Daniel Klaristenfeld, MD, San Diego, CA

11:40 am Effectiveness and Safety of Perianal Block With Total Intravenous Anesthesia (TIVA) in Common Anal Surgeries: A Comparison Between Outpatients and Inpatients P76
W. Boonniith*, V. Lohsiriwat; Bangkok, Bangkoknoi, Thailand
E-POSTER PRESENTATIONS

11:45 am  
**Ten Year Review of a Robotic Colorectal Surgery Program at an Academic Medical Center**  
P77  
S. Stringfield*, S. Eisenstein¹, L. Parry¹, N. Lopez¹, S. Ramamoorthy¹; ¹San Diego, CA

11:50 am  
**Computed Tomography After Percutaneous Drainage for Acute Appendicitis With Abscess May Aid in Predicting Recurrence and Necessity for Subsequent Appendectomy**  
P78  
K. Lee*¹, K. Park¹, Y. Kwon¹, Y. Kim¹, I. Song¹, J. Park¹, S. Ryoo¹, S. Jeong¹; ¹Seoul, Korea (the Republic of)

11:55 am  
**Characterizing Demographics and Clinical Associations of Patients Requiring Admission With Enteric Fistulas: A National Population Study**  
P79  
N.E. Brooks*, I. Idrees¹, M. Giglia¹, E. Steinhausen¹, S.L. Stein¹; ¹Cleveland, OH

Noon  
**Outcomes in Cecal Volvulus: Does Age Affect Outcomes in Patients Undergoing Surgery?**  
P80  
A.M. Tameron*, A.E. Murphy¹, D. Lee¹, L.R. Hussain¹, H. Guend¹; ¹Cincinnati, OH

12:05 pm  
**Can We Predict High Grade Intraepithelial Anal Neoplasia in Patients Consulting for Anal Warts?**  
P81  
A.G. Canelas*, M.B. Castro Fuentes¹, R. Reino¹, M. Galvarini¹, M. Laporte¹, M. Bun¹, C. Peczan¹, N. Rotholtz¹; ‘Ciudad Autonoma de Buenos Aires, Argentina

12:10 pm  
**A Meta-analysis of the Prevalence of Low Anterior Resection Syndrome and Systematic Review of Risk Factors**  
P82  
A. Croese*, J. Lonie¹, Y. Ho¹; ’Townsville, Queensland, Australia

12:15 pm  
**Liposomal Bupivacaine Offers Better Outcomes than Epidural Anaesthesia When Used in an Enhanced Recovery Protocol**  
P83  
C. Warner*, J. O’Rear¹, J. Tremblay², K. Kochar², S.J. Marecki², A. Mellgren¹, J. Nordenstam¹, J. Park²; ¹Chicago, IL; ²Park Ridge, IL

12:20 pm  
**Rectal Foreign Bodies: Patient Characteristics and Clinical Outcomes**  
P84  
H. Dao*, E.S. Shipper¹, J. Kempenich¹, K. Sirinek¹; ¹San Antonio, TX

12:25 pm  
**Innovative Intraoperative Ureteral Imaging in Robotic Colon and Rectal Surgery**  
P85  
A. Chudzinski*, S.I. Dattani¹, H. Massarotti¹; ¹Tampa, FL

12:30 pm  
**Doppler Guided Hemorrhoid Arterial Ligation: To Do or Not to Do?**  
P86  
T. Reif de Paula*, B.H. Gurland¹, M. Zutshi¹; ¹Cleveland, OH; ²Stanford, CA

Monday, May 21  
Monitor #3 – Benign Disease

Co-moderators: Luis Hernandez, MD, Miami, FL  
Vitaliy Poylin, MD, Boston, MA

11:40 am  
**Results of Surgical Management of Intestinal Endometriosis**  
P87  
T. Reif de Paula*, H. Kessler¹; ¹Cleveland, OH

11:45 am  
**Loop Ileostomy Takedown: Comparison of Anastomosis With and Without Small Bowel Resection**  
P88  
R. Yano*, H. Ohge¹, Y. Watadani¹, N. Shimada¹, H. Taogoshi¹, Y. Kuroo¹, H. Kitagawa¹, N. Okamoto¹, N. Nakagawa¹, N. Kondo¹, K. Uemura¹, Y. Murakami¹, T. Sueda¹; ’Hiroshima, Hiroshima Prefecture, Japan

11:50 am  
**Risk Factors Associated With Failure of Nonoperative Management of Acute Diverticulitis**  
P89  
R. Kumar*, L.M. Fernandez¹, D. Krizzuk¹, G. Dasilva¹, S.D. Wexner¹; ¹Weston, FL

11:55 am  
**Percutaneous Drainage of Diverticular Abscess – A Single Institution Experience**  
P90  
B.F. Scully*, M.P. Vivero¹, F.E. Pedroso¹, C.R. Cooper¹, B. Kuritzkes¹, D. Feingold¹, S. Lee-Kong¹; ’New York, NY

Noon  
**Acute Diverticulitis With Microperforation Is a Subset of Uncomplicated Diverticulitis**  
P91  
T. Al-Malki*, E. Kmiotek¹, V. Pelsser¹, M. Robert-Halabi¹, G. Ghitulescu¹, N. Morin¹, C. Vasilevsky¹, J. Faria¹, M. Boutros¹; ¹Montreal, QC, Canada

12:05 pm  
**Diverticular Related Colovaginal Fistulas – What Factors Contribute to Successful Surgical Management?**  
P92  
M. DeLeon*, S. Holubar¹, I. Sapci¹, N. Akeel¹, L. Stocchi¹, T. Hull¹; ’Cleveland, OH

12:10 pm  
**Topic Postoperative Analgesia in Benign Anorectal Surgery: A Comparative Randomized Double-Blinded Multicentric Clinical Trial**  
P93  
M. Martinez-Vilalta*¹; ¹Barcelona, Catalonia, Spain

All e-poster presenters are noted with an *.
12:15 pm Is the LARS Score Helpful to Evaluate Functional Result After Proctectomy for Deep Pelvic Endometriosis (DPE)?
J. Loriau*, L. Liistro, A. Mephon, B. Angliviel, E. Petit, E. Sauvanet; 1Paris, France

12:20 pm Perianal Sepsis in Immunocompromised Patients: Developing a New Standard of Care
A. Morales Aguirre*, O. Vergara-Fernández, H. Márquez-González, M. Morales Cruz, D. Velazquez-Fernández; 1México City, Mexico

12:25 pm Initial Experience With Staged Abdominal Wall Reconstruction in the Setting of Complex Colorectal Disease: Do Two Steps Forward Prevent Steps Back?
K.T. Crowell*, F. Puleo, K. McKenna; 1Hershey, PA

12:30 pm Utility of Noninvasive Testing for Colon Polyps While Awaiting Colonoscopy at Urban Medical Center
E. Arcila*, D. Sigmoid, G. Gantt, J. Harrison, A. Abcarian, J. Cintron, V. Chaudhry; 1Chicago, IL

Monday, May 21
Monitor #4 – Case Study

Co-moderators: Michael Guzman, MD, Indianapolis, IN
Radhika Smith, MD, St. Louis, MO

11:40 am Gastrointestinal Stromal Tumors of the Anus: The Mayo Clinic Experience
J.S. Scow*, K.L. Mathis; 1Rochester, MN

11:45 am Incidental Helicobacter Pylori Positive Gastric Heterotopia in the Rectum
D. Hart*, A. Adewole, C. Zhang, W. Ambroze; 1Atlanta, GA

11:50 am Ileal Mycobacterium Tuberculosis in a Patient Treated for Long-Standing Crohn’s Disease
T. Gimon*, A.R. MacLean; 1Calgary, AB, Canada

11:55 am Opioids and Intussusception: A Case Report of Mega Intussusception (160 cm) Twelve Years After a Laparoscopic Roux-en-Y Gastric Bypass in a Methadone User
P. Rosen*, D. Gross, C. Biggs, P. Chung, H. Talus; 1Brooklyn, NY

Noon Rosai-Dorfman Disease in a Patient With History of Anal Squamous Cell Carcinoma
D. Hart*, C. Zhang, W. Ambroze, M. Schertzer; 1Atlanta, GA

12:05 pm Intestinal Perforation Secondary to Histoplasmosis
M. Parker*, K.L. Mathis, S.R. Kelley; 1Rochester, MN

12:10 pm Childhood Abdominal Radiation: An Indication for Early Colon Cancer Screening?
D. Hart*, C. Zhang, M. Schertzer, W. Ambroze; 1Atlanta, GA

12:15 pm A Diagnosis of Cutaneous Anal Melanoma After Long-term TNF Inhibitor Use
S. Kawak*, B. Donald; 1Royal Oak, MI

12:20 pm Situs Ambiguus: A Rare Cause of Large Bowel Obstruction
R.M. Rochon*, I. Datta; 1Calgary, AB, Canada

12:25 pm Rare Case of Crohn’s Disease Associated With Small Bowel Adenocarcinoma and Desmoid Tumor
R. Guinto*, G. Parker; 1Neptune, NJ

12:30 pm Locally Advanced, Metastatic Adenocarcinoma of the Rectum Treated With Definitive Radiotherapy in a Patient Medically Unfit for Radical Surgery or Chemotherapy
S. Hasan*, P.B. Renz, A. Kirichenko, D. Monga, J.T. McCormick; 1Pittsburgh, PA

Monday, May 21
Monitor #5 – Education

Co-moderators: Jeffrey Barton, MD, New Orleans, LA
Jennifer Rea, MD, Lexington, KY

11:40 am Standardization and Evaluation of Robotic Colorectal Surgery Training by Incorporation of a Detailed Case Log System
R.E. Martin*, M. Soliman, A. Bastawrous, R.K. Cleary, A. Ferrara, J. Gallagher, R. Mueller, K. Foley; 1Orlando, FL; 2Seattle, WA; 3Ann Arbor, MI

11:45 am Fundamentals of Anorectal Technical Skills: A Concise Course for Various Levels of Learners
W.B. Kucera*, M.D. Nealeigh, E.M. Ritter, M.P. McNally, J.E. Duncan, W.B. Sweeney; 1Bethesda, MD
# E-Poster Presentations

## Monday, May 21

### Monitor #6 – Inflammatory Bowel Disease

**Co-moderators:** Carrie Peterson, MD, Milwaukee, WI
Timothy Ridolfi, MD, Milwaukee, WI

#### 11:40 am

**Efficacy of Preoperative Oral Antibiotic Prophylaxis for the Prevention of Surgical Site Infections in Patients With Crohn’s Disease. A Result of Randomized Control Trial**

M. Uchino\(^*\), H. Ikeuchi\(^*\), T. Bnado\(^*\), T. Chohno\(^*\), H. Sasaki\(^*\), Y. Horio\(^*\), T. Minagawa\(^*\), R. Kuwahara\(^*\), Y. Takesue\(^*\); ‘Nishinomiya, Hyogo, Japan

#### 11:45 am

**Long-term Outcomes of Ileal Pouch Anal Anastomosis for Ulcerative Colitis and Indeterminate Colitis – A Single Institution’s Experience in the Era of Biologics**

G. Poles\(^*\), A. Crume\(^*\), J. Waldron\(^*\), P. Bossart\(^*\), M. Murday\(^*\); ‘Salt Lake City, UT

#### 11:50 am

**Surgical Outcomes of Patients Treated With Ustekinumab Versus Vedolizumab in Inflammatory Bowel Disease**

M. Novello\(^*\), L. Stocchi\(^*\), S. Holubar\(^*\), S. Shawki\(^*\), J. Lipman\(^*\), E. Gorgun\(^*\), T. Hull\(^*\), S.R. Steele\(^*\); ‘Cleveland, OH

#### 11:55 am

**Management of Colorectal Stump After Colectomy: What Matters? A Comparison Between IBD and Non-IBD Patients**

R. Kumar\(^*\), L.M. Fernandez\(^*\), D. Krizzuk\(^*\), G. Kennedy\(^*\), M. Morris\(^*\); ‘Weston, FL

#### Noon

**Understanding Patients With Inflammatory Bowel Disease and Hidradenitis Suppurativa: Outcomes After Colorectal Procedures**

A.K. Brown\(^*\), D.I. Chu\(^*\), M. Brown\(^*\), G. Kennedy\(^*\), M. Morris\(^*\); ‘Birmingham, AL

#### 12:05 pm

**Bowel Function After Ileocolic Resection for Terminal Ileal Crohn’s Disease**

S.J. Ivatury\(^*\); ‘Lebanon, NH

#### 12:10 pm

**Self-efficacy of Patients With Crohn’s Disease can be Effectively Improved by Social Media Community: Experience From a Single Institution in China**

J. Zhou\(^*\), B. Yang\(^*\), Nanjing, Jiangsu, China

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**All e-poster presenters are noted with an *.”**
12:15 pm  The Combination of Surgery and Biologics in Fistulous Perianal Crohn’s Disease: A Tale of Two Treatments  
P127  
S. Naffouj*, J. Sugrue¹, S.M. Eftaiha¹, C. Warner¹, J. Park¹, K. Kocjar¹, A. Mellgren¹, J. Nordenstam¹; ¹Chicago, IL

12:20 pm  Bicontinental Analysis of Transanal Ileal Pouch-Anal Anastomosis for Ulcerative Colitis and Inflammatory Bowel Disease - Unclassified  
P128  
K.N. Zaghiyan*, J. Warusavitarne², A. Spinelli³, P. Chandrasinghe³, F. Di Candido³, P. Fleshner¹; ¹Los Angeles, CA; ²London, United Kingdom; ³Milan, Italy

12:25 pm  Role of C-Reactive Protein Kinetics After Surgery for Crohn’s Disease  
P129  
M. Carvello*, F. Di Candido¹, A. Spinelli¹; ¹Milan, Italy

12:30 pm  Functional Outcomes After Transanal Ileal Pouch Anal Anastomosis  
P130  
A. Spinelli*, P. Chandrasinghe², F. Di Candido¹, M. Carvello¹, J. Warusavitarne²; ¹Milan, Italy; ²London, United Kingdom

11:55 am  Ileal Pouch-Anal Anastomosis With Fluorescence Angiography: Initial Experience and Potential Application  
P134  
A. Spinelli*, P. Kotze², M. Carvello¹, F. Di Candido¹, N. Buchs³, F. Ris³; ¹Milan, Italy; ²Curtiba, Brazil; ³Geneva, Switzerland

Noon  Utilization and Cost of Post-discharge Venous Thromboembolism Prophylaxis After Major Abdominal Surgery for Inflammatory Bowel Disease  
P135  
J. McCullough*, J. Schumacher¹, D. Yang¹, S. Fernandes-Taylor¹, E. Lawson¹; ¹Madison, WI

12:05 pm  The Effect of Surgical Technique on Utilization of Two-stage Resections for Ulcerative Colitis  
P136  
A.C. Gasior*, A. Hinton¹, C. Zhang¹, S. Husain¹; ¹Columbus, OH

12:10 pm  Predictors of 30-day Readmission Following Major Abdominal Surgery for Crohn’s Disease  
P137  
F. Ayoub*, A. Kamel¹, N. Chaudhry¹, E. Zimmermann¹, S. Glover¹, S. Tan¹, A. Iqbal¹; ¹Gainesville, FL

12:15 pm  Risk Factors for IBD Associated Malignancy in an Afrocentric Population: Less Common Than You Think  
P138  
J. Plummer*, R. Shaw¹, K. Mills¹; ¹Kingston, Jamaica

12:20 pm  Evaluating the Impact of Vedolizumab on Postoperative Complications in Inflammatory Bowel Disease Patients  
P139  
F. Ayoub*, O. Ewelukwa¹, T. Brar¹, J. Forde¹, L. Mramba¹, S. Glover¹, A. Iqbal¹, S. Tan¹; ¹Gainesville, FL

12:25 pm  Duodenal Strictures in Crohn’s Disease  
P140  
D. Schwartzberg*, A. Jarrar¹, S.D. Holubar¹, S.R. Steele¹, B. Shen¹, L. Stocchi¹, T. Hull¹, S. Shawki¹; ¹Cleveland, OH

12:30 pm  What Is the Best Surgical Treatment for Pouch-vaginal Fistulas?  
P141  
I. Sapci*, N. Akeel¹, M. DeLeon¹, L. Stocchi¹, T. Hull¹; ¹Cleveland, OH

Monday, May 21
Monitor #7 – Inflammatory Bowel Disease

Co-moderators: Michelle Murday, MD, Salt Lake City, UT  
Rebecca Rhee, MD, Brooklyn, NY

11:40 am  What are the Consequences of the Profound Shifts in Ulcerative Colitis Management?  
P131  
T.D. Francone*, C. Stafford¹, L. Bordeianou¹, H. Kunitake¹, R. Ricciardi¹; ¹Boston, MA

11:45 am  Venous Thromboembolism in Inflammatory Bowel Disease: Is it the Disease, the Operation, or Both?  
P132  
N.P. McKenna*, O.A. Shariq¹, K.A. Bews¹, K.L. Mathis¹, A.L. Lightner¹, E.B. Habermann¹; ¹Rochester, MN

11:50 am  Is it Possible to Predict Postoperative Recurrence in the Anastomotic Site After Initial Intestinal Resection With Crohn’s Disease?  
P133  
A. Sugita*, K. Koganei¹, K. Tatsumi¹, R. Futatsuki¹, H. Kuroki¹, H. Kimura¹, T. Fukushima¹; ¹Yokohama, Japan

All e-poster presenters are noted with an *.
E-POSTER PRESENTATIONS

Monday, May 21
Monitor #8 – Neoplastic Disease

Co-moderators: Aakash Gajjar, MD, Galveston, TX
            Gabriela Vargas, MD, Salt Lake City, UT

11:40 am  The Incidence of Polyp Formation Following Bariatric Surgery  P142
            W. Sellers*, A. Gupta, K. Johnson, C. Leguen, B. Protniak; 'Wilkes Barre, PA

11:45 am  Can We Improve the Efficiency of Care in Patients With Colorectal Cancer From the Time of Their Initial Referral for Colonoscopy to Surgical Resection?  P143
            N. Kloos*, D. Keren, S. Gregg, T. MacLean, R. Mohamed, E. Dixon, R.M. Rochon, C.G. Ball; 'Calgary, AB, Canada

11:50 am  Rectal Cancer in Young Patients – Is Obesity Truly a Risk Factor?  P144
            J.J. Blank*, R. Deshpande, C. Peterson, K. Ludwig, T. Ridolfi; 'Milwaukee, WI


Noon  Overuse and Limited Benefit of Chemotherapy for Stage II Colon Cancer in Young Patients  P146
            R. Birkett*, S.J. Concors, N.M. Saur, C.B. Aaron, J. Bleier, S.S. Shanmugan, E. Paulson; 'Philadelphia, PA

12:05 pm  Treatment Implications of Universal Mismatch Repair Gene Screening in Colorectal Cancer Patients  P147
            B. Martin*, J. Bhullar, A. Kim, K. Batts, L. Burgart, S. Baldinger, C. Jensen; 'Saint Paul, MN

12:10 pm  Transanal Total Mesorectal Excision for Rectal Cancer: A Single Centre Experience  P148
            M. Taylor*, E.D. Courtney, S. Dalton; 'Bath, United Kingdom

12:15 pm  Implementing New Surgical Technology: A National Perspective on Case Volume Requirement of Proficiency in Transanal Total Mesorectal Excision (taTME)  P149
            V. Palter*, Y. Zheng, S. de Montbrun; 'Toronto, ON, Canada

12:20 pm  Does Metabolic Syndrome Increase the Risk of Postoperative Complications in Patients Undergoing Colorectal Cancer Surgery?  P150

12:25 pm  Prediction of Transabdominal TME Difficulty by Novel Method According to Pelvic Floor Attachment to Bony Pelvis  P151
            J. Lee*, N. Kim; 'Seoul, Korea (the Republic of)

12:30 pm  Survival Benefit of Lymph Node Dissection in Surgery for Colon Cancer in Elderly Patients: A Multicenter Propensity Score-matched Case-control Study in Japan  P152
            M. Takahashi, H. Niitsu, K. Sakamoto, T. Hinoi, M. Hattori, M. Goto, H. Horie, M. Watanabe; 'Bunkyo-ku, Tokyo, Japan; 'Hiroshima, Japan; 'Tochigi, Japan; 'Kanagawa, Japan

Monday, May 21
Monitor #9 – Neoplastic Disease

Co-moderators: Molly Ford, MD, Nashville, TN
            David Kleiman, MD, Burlington, MA

11:40 am  Relationship of Gallstone Disease to Location of Colonic Polyps  P153
            A.R. Althans, A. Jarrar, S. Sarvepalli, H.S. Chouhan, J. Church; 'Cleveland, OH

11:45 am  Individual Personality of the Colorectal Surgeon Influences the Decision to Anastomose in Rectal Cancer Surgery  P154
            C.N. Bisset*, S. Moug, N. Henderson, J. Tiernan, E. Ferguson, D. Harji, C. Maxwell-Armstrong, N. Fearnhead; 'Paisley, Scotland; United Kingdom; 'Leeds, United Kingdom; 'Nottingham, United Kingdom; 'Newcastle upon Tyne, United Kingdom; 'Cambridge, United Kingdom

All e-poster presenters are noted with an *.
11:50 am  Does Robotic Facilitate Minimally Invasive Treatment of Transverse Colon Cancer With Complete Mesocolic Excision? P155
V. Ozben**, H.K. Korkmaz, E. Aytaç, I.A. Bilgin, D. Atasoy, O. Bayraktar, A. Aghayeva, I. Erenler Bayraktar, B. Baca, I. Hamzaoglu, T. Karahasanoglu; 1Istanbul, Turkey

11:55 am  Comparison of Minimally Invasive and Open Proctectomy for Rectal Adenocarcinoma: A NSQIP Analysis of Postoperative and Short-Term Oncolotic Outcomes P156
M. Hanna*, A.M. Al-Mazrou, R.P. Kiran; 1New York, NY

Noon  Receipt of Adjuvant Chemotherapy in Stage 2 Colon Cancer P157
A.D. Morris*, Y. Liu, K. Ramonell, W. Liang, P.S. Sullivan, G. Balch, T.W. Gillespie, V. Shaffer; 1Atlanta, GA

12:05 pm  Can the Anastomotic Leakage in Laparoscopic Colorectal Surgery Decrease Using by Linear Stapler With Bioabsorbable Staple Line Reinforcement Material? P158
T. Taketa*, S. Ohigashi, A. Kishida; 1Chuo-ku, Tokyo, Japan

12:10 pm  Does Obesity Have Impact on the Cost of Open Colorectal Cancer Surgery? P159
Y. Kwon*, K. Park, D. Lee, I. Song, S. Jeong, E. Choe, K. Lee, Y. Kim; 1Seoul, Korea (the Republic of)

12:15 pm  Comparison of Anthropometric Parameters After Ultra-Low Anterior Resection and Abdominoperineal Resection in Very Low Lying Rectal Cancers P160
J. Bong*, S. Lim; 1Seoul, Korea (the Republic of)

12:20 pm  Combined Colorectal & Urologic Robotic Assisted Surgery: A Single Institution’s Case Series P161
M.T. Ganyo*, B. Zhao, S. Ramamoorthy, L. Parry, J. Buckley, S. Eisenstein; 1San Diego, CA

12:25 pm  Site of Recurrence Is Associated With Survival After Salvage Surgery for Locally Recurrent Rectal Cancer P162

12:30 pm  Neoadjuvant Strategies Leading to a Complete Clinical Response and Nonoperative Management for Rectal Cancer: A Single Institution Experience P163
M. Strode*, R. Shah, C. Mangieri, A. Saunders, V. Francescutti, S. Nurkin; 1Buffalo, NY; 2Evans, GA

Monday, May 21
Monitor #10 – Neoplastic Disease

Co-moderators: Jennifer Davids, MD, Worcester, MA
Bryan Holcomb, MD, Indianapolis, IN

11:40 am  Survival Following Diagnosis and Treatment of Squamous Cancer of the Anus Is Not Affected by High Risk Human Papillomavirus Status P164
M. Skancke, B. Pomy, R.L. Amdur*; 1Washington, DC

11:45 am  Differences Between Stage I and Stage III pT1 Lower Rectal Cancer in Long-Term Survival and Preoperative CT Images of Mesorectal Lymph Nodes P165
D. Kitaguchi*, T. Sasaki, Y. Tsukada, Y. Nishizawa, M. Ito; 1Kashiwa, Chiba, Japan

11:50 am  Lymphovascular Invasion and Perineural Invasion Negatively Impact Overall Survival for Stage I and II Adenocarcinoma of the Colon P166
M. Skancke*, S. Arnott, R.L. Amdur, R. Siegel, V. Obias, B. Umapathi; 1Washington, DC

11:55 am  Preoperative MRI Assessment of CRM Predicts Recurrence for Lower Rectal Cancer Without Preoperative Chemoradiotherapy P167
S. Tsukamoto*, M. Miyake, H. Ochiai, D. Shida, Y. Kanemitsu; 1Tokyo, Japan

Noon  Transanal Total Mesorectal Excision in Rectal Cancer – Initial Experience and Short-Term Outcome in Comparison With Laparoscopic Total Mesorectal Excision in a Regional Hospital P168
S. Kok*; 1Hong Kong, Hong Kong

12:10 pm  Interval Colorectal Cancer Following Virtual Colonoscopy: Incidence in a Single Institution P170
W.B. Kucera*, M.D. Nealeigh, J.O. Pauli, S.A. Parascandola, M.P. McNally, E.M. Ritter, J.E. Duncan, W.B. Sweeney; 1Bethesda, MD

All e-poster presenters are noted with an *.
Monday, May 21
Monitor #11 – Neoplastic Disease

Co-moderators: Jennifer Leinicke, MD, Omaha, NE
Shankar Raman, MD, Des Moines, IA

11:40 am Comparative Analysis of the MRI to Pathological Findings in the Resected Specimen of Middle-Low Rectal Cancer
T. Kobayashi*1, Hirakata, Japan

11:45 am High Risk of Proximal and Local Malignancies in Patients With Anal and Genital Extramammary Paget’s Disease
G.C. Lee*, H. Kunitake1, C. Stafford1, L. Bordeianou1, T.D. Francone1, R. Ricciardi1; Boston, MA

11:50 am Do Tumor Genetics Affect Attainment of the 12 Regional Lymph Node Quality Benchmark in Colon Cancer?
H. Pantel*1, C. Stafford2, T.D. Francone2, K. Stensland1, L. Bordeianou2, H. Kunitake2, R. Ricciardi2; Boston, MA

11:55 am Stage 3 Medullary Colon Cancer: A Worse Prognosis
A.M. Gupta*, J. Oxenberg1, B. Protyniak1, T. Erchinger1, K.U. Chu1, J. Bannor2, Wilkes-Barre, PA; Scranton, PA

All e-poster presenters are noted with an *.
Monday, May 21
Monitor #12 – Outcomes

Co-moderators: Terrah Paul Olson, MD, Atlanta, GA
Karen Sherman, MD, Raleigh, NC

11:40 am Influence of Pelvic Dimensions on Anastomotic Leak After Anterior Resection for Rectal Cancer
Y.Z. Liang*, L. Longjuan, L. Xuanhui, L. Huashan, K. Jia, L. Ping, W. Xianrui, W. Xiaojian; 1Guangzhou, Guangdong, China

11:45 am Early Urinary Catheter Removal in Patients Undergoing Colorectal Surgery With an Enhanced Recovery After Surgery Pathway

11:50 am Impact of Colectomy Complications on Post-Acute Care Utilization and Health Care Expenditures

11:55 am Epidural Analgesia Does Not Improve and May Hamper Recovery After Laparoscopic and Open Colectomy
A.M. Al-Mazrou*, J.M. Kiely, R.P. Kiran; 1New York, NY

Noon Predicting 30-day Unplanned Readmission Following Colorectal Surgery Using the National Cancer Database
J. Olson*, M. Fluck, M. Hunsinger, K. Halm, M. Shabahang, J. Blansfield; 1Danville, PA

12:05 pm Postoperative Glucose Is Associated With Increased Infection Rate in Colorectal Surgery
J. Favuzza*, J. Poirier, L. DeCesare, B.A. Orkin; 1Chicago, IL

12:10 pm Short-term Clinical and Oncological Outcomes After Single-incision Laparoscopic Surgery for Colorectal Cancer
R. Zhao*, Z. Song, K. Liu, Y. Jiang, Y. Li, Y. Shi, X. Cheng, H. Wu; 1Shanghai, China

12:15 pm Surgeon Delivered Laparoscopically Guided Transversus Abdominal Plane Blocks are Non-inferior to Anesthesiologist Ultrasound Guided Blocks
D. Wong*, T. Curran, V. Poylin, T. Cataldo; 1Boston, MA

12:20 pm Risk Factors to Predict Early Failure of Foley Catheter Removal: A Prospective Study of Postoperative Urinary Retention After Non-Proctectomy Abdominal Surgery

12:25 pm Elective Colonic Resection in the Elderly: Is Age an Effective Way to Predict Performance in Enhanced Recovery Programs? A Retrospective Cohort Study
X. Pare*, D. Simonyan, S. Drolet; 1Quebec, QC, Canada

12:30 pm Improving Processes of Care for Rectal Cancer: Results of a Pan-Canadian Multidisciplinary Quality Improvement Project
C.J. Keng, S. Schmocker, C.J. Brown, T. MacLean, D. Hochman, L. Williams, N. Baxter, M. Simunovic, S. Liberman, S. Drolet, A. Bouchard, K. Neumann; 1Toronto, ON, Canada; 2Vancouver, BC, Canada; 3Calgary, AB, Canada; 4Winnipeg MB, Canada; 5Ottawa, ON, Canada; 6Hamilton, ON, Canada; 7Montreal, QC, Canada; 8Quebec, QC, Canada; 9Halifax, NS, Canada

Monday, May 21
Monitor #13 – Outcomes

Co-moderators: Melissa Chang, MD, Ypsilanti, MI
Lawrence Lee, MD, PhD, Montreal, QC, Canada

11:40 am Tell Me What I Need to Know: A Collaborative Approach to Improving MRI Report Quality for Rectal Cancer Staging
B. Vabi*, J.J. Coury, T. Colbert, L. Shaffer, K. Khanduja; 1Columbus, OH

11:45 am Use of a Discharge Readiness Assessment to Identify Barriers to Discharge in a Safety Net Hospital
S.D. Talutis*, A.H. Kuhnen, J. Hall; 1Boston, MA

All e-poster presenters are noted with an *.
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<th>Time</th>
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<tr>
<td>11:50 am</td>
<td>Is it the Stoma or the Day of the Week? Evaluation of Perioperative Factors on Length of Stay in Colorectal Surgery Patients</td>
<td>S.D. Talutis*1, J. Hall1, K. Pearlman1, C. Zhu1, A.H. Kuhnen1; 1Boston, MA</td>
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<tr>
<td>11:55 am</td>
<td>Effect of Primary Language on Readmission After Colorectal Surgery</td>
<td>S.D. Talutis*, A.H. Kuhnen1, C. Zhu1, K. Pearlman1, J. Hall1; 1Boston, MA</td>
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<td>Noon</td>
<td>Robotic Right Hemicolectomy With Extracorporeal Anastomosis Versus Intracorporeal Anastomosis: Is There a Difference?</td>
<td>K. Baysinger*, E.K. Groves1, M. Pidala1; 1Houston, TX</td>
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<td>12:05 pm</td>
<td>ACS-NSQIP Outcomes Comparison of Open, Laparoscopic and Robotic Abdominoperineal Resection for Rectal Cancer</td>
<td>R.K. Cleary1, J. Wu*2; 1Ann Arbor, MI; 2Ypsilanti, MI</td>
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<td>12:10 pm</td>
<td>Excisional Biopsy, Not Polypectomy Should Be Performed for Resection of Small Carcinoid Tumors of the Rectum</td>
<td>M. Skancke*, A. Whitlock1, R.L. Amdur1, V. Obias1; 1Washington, DC</td>
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<td>12:15 pm</td>
<td>Superficial Closure of Stoma Site Following Reversal Leads to Higher Rates Superficial Surgical Site Infections, an Analysis Using the NSQIP Database</td>
<td>M. Skancke*, A. Abdullah1, R.L. Amdur1, V. Obias1; 1Washington, DC</td>
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<td>12:20 pm</td>
<td>Morbid Obesity Associated With Increased Intraoperative Blood Loss and Increased Readmission Following Robotic Colorectal Surgery</td>
<td>M. Skancke*, A. Abdullah1, V. Obias1; 1Washington, DC</td>
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<td>12:25 pm</td>
<td>Evaluating Outcomes of Elective Robotic-Assisted Colonic Resection for Complicated and Noncomplicated Diverticulitis at a Single Institution</td>
<td>M. Skancke*, A. Abdullah1, V. Obias1; 1Washington, DC</td>
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<tr>
<td>12:30 pm</td>
<td>Decreasing the Number of Opioids Given After Colorectal Surgery</td>
<td>R. Mittal*, M. Luchtefeld1, J.W. Ogilvie1; 1Grand Rapids, MI</td>
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</tr>
</tbody>
</table>

All e-poster presenters are noted with an *.
12:20 pm  Impact of Operating Room Personnel Changes on Perioperative Events P216
S.D. Talutis**, L. Plauche¹, A.H. Kuhnen¹, J. Hall¹;
¹Boston, MA

12:25 pm  What Are the Cost Drivers for the Major Bowel Bundled Payments for Care Improvement Initiative? P217
R. Ricciardi**, M. Moucharite², C. Stafford¹,
P.L. Roberts¹; ¹Boston, MA; ²North Haven, CT;
³Burlington, MA

12:30 pm  Sequential Hemorrhoid Banding – A Cost Effectiveness Analysis P218
O.P. Coughlin**, M. Wright¹, A. Thorson¹,
C. Ternent¹; ¹Omaha, NE

Monday, May 21
Monitor #15 – Outcomes

Co-moderators: Michelle Cowan, MD, Aurora, CO
Katharine Louise Jackson, MD, Durham, NC

11:40 am  How Do NSQIP Reported Complications Compare With Patient Reported Postoperative Complications? P219
C. Stafford¹, P.L. Roberts¹, P.W. Marcell³,
T.D. Francone¹, R. Ricciardi**; ¹Boston, MA;
²Burlington, MA

11:45 am  A Propensity Score-matched Comparison of Intracorporeal and Extracorporeal Techniques for Robotic-Assisted Right Colectomy in an Enhanced Recovery Pathway P220
W. Akram*, R. Al Natour¹, J. Albright¹, J. Wu¹,
J. Ferraro¹, B. Shanker¹, A. McClure¹, R.K. Cleary¹;
¹Ann Arbor, MI

11:50 am  Transanal Minimally Invasive Surgery (TAMIS): Pushing the Envelope Without Increased Complications P221
A.G. Lopez-Aguiao*, M.Y. Zaidi¹, S. Speegle¹,
G. Balch¹, V. Shaffer¹, C. Staley¹, S. Maithel¹,
P.S. Sullivan¹; ¹Atlanta, GA

11:55 am  When Is the Best Time for Protective Ileostomy Reversal: A Single Center Experience With Early Versus Late Reversal P222
A. Morgan**, A. Zheng¹, K. Linden¹, M. Kwiat¹,
S. McClane¹; ‘Camden, NJ

Noon  Impact of Frailty on Outcomes After Reversal of Hartmann’s Procedure P223
A.M. Kao**, K.A. Schlosser¹, T. Prasad¹,
B. Heniford¹, K. Kasten¹, B.R. Davis¹; ‘Charlotte, NC

12:05 pm  Adherence to a Modified ASCRS Rectal Cancer Management Checklist and its Association to Short-Term Surgery and Cancer-related Outcomes P224
M.P. Sacdalan**, J.B. de Leon¹; ¹Pasig City, Metro Manila, Philippines

12:10 pm  Weekend Discharge Does Not Increase Risk of Readmission After Ileostomy P225
J. Tillou**, M.J. Wheeler³, J.F. Fitzgerald³,
J.M. Ayscue⁴, T.J. Stahl², M. Bayasi², B.L. Bello¹;
¹Washington, DC; ²Omaha, NE

12:15 pm  Correlation Between Procedural and Clinical Success Rates in Colonic Stenting in a Community Colorectal Surgery Practice P226
A. Raza*, M. Downs¹; ¹Dallas, TX

E.C. Hodgson**, F. Kegel¹, Y. Kang¹, O. Ganescu¹,
C. Zalai²; ¹Montreal, QC, Canada; ²Pointe-Claire, QC, Canada

12:25 pm  Creation and Validation of a Unique Simplified Frailty Score to Predict Morbidity After Radical Pelvic Surgery P228
S. McChesney**, D. Monlezun², D.J. Canter¹,
H. Green¹, D.A. Margolin¹; ¹New Orleans, LA;
²Houston, TX

12:30 pm  Risk Factors of Postoperative Complication After Laparoscopic Proctectomy in Elderly Rectal Cancer Patients P229
H. Shimizu*, S. Yamaguchi¹, T. Ishii¹, H. Kondo¹,
K. Harai¹, K. Takemoto¹, S. Ishikawa¹, T. Okada¹,
A. Suzuki¹; ‘Hidaka, Saitama, Japan

Monday, May 21
Monitor #16 – Pelvic Floor

Co-moderators: John Hunter, MD, Mobile, AL
Jonathan Mitchem, MD, Columbia, MO

11:40 am  Transperineal Rectocele Repair Using Miniature Mesh P230
K. Kajohnwongsatit¹*, S. Gunarasa¹,
C. Sahakitrungruang¹; ¹Bangkok, Thailand

11:45 am  Propiverine Hydrochloride as a Treatment for Fecal Incontinence P231
Y. Irei*, S. Takano², K. Yamada¹, T. Nishimaki¹;
¹Nishihara, Okinawa, Japan; ²Kumamoto, Japan

All e-poster presenters are noted with an *.
11:50 am  
Stapled Muscosectomy Improves Outcomes and Provides Long-term Benefits for Symptomatic Rectal Mucosal Prolapse  
P232  
A. Croese*, S. Whiting, Y. Ho; 'Townsville, Queensland, Australia

11:55 am  
Management of ‘Obstructed Defecation Syndrome’ in a Developing Country – Outcome of ‘Stapled Transanal Rectal Resection’ Without Preoperative MR Defecogram  
P233  
A.A. Haque*, A.F. Haque, M.M. Billah; 'Dhaka, Bangladesh

Noon  
Men and Women With Fecal Incontinence Exhibit Different Physiologic Relationships Than Normal Individuals: A Three-Dimensional High Resolution Anorectal Manometry Study  
P234  
E.M. LeeVan*, J. Funston, J.Y. Cruz, K.S. King, G. Akopian, H. Kaufman; 'Pasadena, CA

12:05 pm  
Functional Outcome and Quality of Life in the Postoperative Patients With Slow Transit Constipation  
P235  
W. Tong*, Y. Tian; 'Chongqing, China

12:10 pm  
Outcomes After Rectovaginal Fistula Repair: A Single Tertiary Center Experience  
P236  
G. Gantt*, A. Abcarian, J. Nordenstam, V. Chaudhry, A. Mellgren, H. Abcarian; 'Chicago, IL

12:15 pm  
The Bridge Between Primary Care and the Colorectal Specialist in the Treatment of Fecal Incontinence and Constipation  
P237  
R.A. Weinheimer*, J. Kent, A. Berg, F. Puleo; 'Hummelstown, PA

12:20 pm  
Clinical Value of Resting Vector Volume for Prediction of Fecal Incontinence Before Ileostomy Reversal: A Longitudinal Study After Sphincter-preserving Surgery for Mid or Low Rectal Cancer  
P238  
M. Kim*, M. Ihn, M. Kim, S. Kang, H. Oh, D. Kim, S. Kang; 1Seongnam, Gyeonggi-do, Korea (the Republic of); 2Gumi, Gyeongsangbuk-do, Korea (the Republic of)

12:25 pm  
Fecal Incontinence Following Low Anterior Resection and Neoadjuvant Treatment for Rectal Cancer Can Be Managed With a New Artificial Ana Sphincter  
P239  
V. De Simone, A. Parello, F. Litta, U. Grossi, C. Ratto*; 'Rome, Italy

12:30 pm  
Algorithm for Management of Fecal Incontinence Patients Expedites Decision Making for Those that May Be Candidates for SNS  
P240  

**Monday, May 21**  
**Monitor #1 – Benign Disease**

**Co-moderators:** Molly Ford, MD, Nashville, TN  
Elise Lawson, MD, Madison, WI

3:35 pm  
A Prospective Study With a Long Follow Up to Evaluate V.A.A.F.T. (Video Assisted Anal Fistula Treatment) in the Treatment of Complex Anal Fistula  
P241  
G. Giarratano*, C. Toscana, E. Toscana, P. Sileri; 'Rome, Italy

3:40 pm  
Clinical Presentation and Outcomes of Acute Diverticulitis in a Middle Eastern Population  
P242  
A. Al-Mubarak*, F. Abdul Raheem, S. Al-Saddah, J. Alabbad, H. Al-Qattan, H. Al-Otaibi; 'Jabriya, Kuwait

3:45 pm  
A New Device for the Treatment of Complex Anal Fistulas of Cryptoglandular Origin: Long-Term Results  
P243  
F. Litta, A. Parello, V. De Simone, C. Ratto*; 'Rome, Italy

3:50 pm  
Surgical Procedures for Perforated Diverticulitis: Case-matched Analysis of a Large Integrated Health System Database  
P244  
M.H. Al-Temimi*, C.N. Trujillo, J.H. Ruan, R.M. Yuhana, N.P. Nguyen; 'Fontana, CA

**Monday, May 21**  
**Monitor #2 – Benign Disease**

**Co-moderators:** Leander Grimm, Jr., MD, Mobile, AL  
Andrew Russ, MD, Knoxville, TN

3:35 pm  
An Assessment of the Quality and Content of Stoma Information on the Internet  
P245  
T. Connelly*, K. Muhammad Shoaiib, M. Malik, F. Cooke; 'Waterford, Ireland

All e-poster presenters are noted with an *.
3:40 pm  Inpatient Hemorrhoids: Trends and Outcomes From the National Inpatient Sample (NIS)  
P246  
K.A. Schlosser*, A.M. Kao¹, J. Otero¹, T. Prasad¹, A.E. Lincourt¹, B. Heniford¹, K. Kasten¹, B.R. Davis¹; ¹Charlotte, NC

3:45 pm  Anal Fissures: Trends and Outcomes From Two National Databases  
P247  
K.A. Schlosser*, J. Otero¹, A.M. Kao¹, T. Prasad¹, A.E. Lincourt¹, B. Heniford¹, K. Kasten¹, B.R. Davis¹; ¹Charlotte, NC

3:50 pm  Management of Fistula-In-Ano: Room for Improvement in the Ohio Valley  
P248  
V. Bolshinsky*, M.A. Valente¹, J. Church¹; ¹Cleveland, OH

Monday, May 21  
Monitor #3 – Benign Disease

Co-moderators:  
Brian Bello, MD, Washington, DC  
Emily Steinhein, MD, Cleveland, OH

3:35 pm  Perianal Fistulas: Trends and Outcomes From the American College of Surgeons National Surgical Quality Improvement Program (NSQIP)  
P249  
K.A. Schlosser*, M.R. Arnold¹, A.M. Kao¹, T. Prasad¹, A.E. Lincourt¹, B. Heniford¹, K. Kasten¹, B.R. Davis¹; ¹Charlotte, NC

3:40 pm  Outcomes After Incision and Drainage of Perianal Sepsis in Immunocompetent Versus Immunosuppressed Patients: An ACS-NSQIP Analysis  
P250  
N.P. McKenna*, K.A. Bews¹, O.A. Shariq¹, E.B. Habermann¹, R. Cima¹, A.L. Lightner¹; ¹Rochester, MN

3:45 pm  Intestinal Aspergillosis: Patterns of Clinical Presentation and Management: A Systematic Review  
P251  
B.E. Lung*, A. Crean¹, S. Yelika¹, P. Denoya¹; ¹Stony Brook, NY

3:50 pm  Outcomes of Appendicular Mass in Adults  
P252  
H. Al-Qattan*, F. Abdul Raheem¹, H. Al-Otaibi¹, A. Al-Banoun¹, S. Al-Saddah¹, A. Al-Mubarak¹, J. Alabbad¹; ¹Hawally, Kuwait; ²Jabriya, Kuwait

Monday, May 21  
Monitor #4 – Benign Disease

Co-moderators:  
James Fitzgerald, MD, Washington, DC  
Irena Gribovskaja-Rupp, MD, Iowa City, IA

3:35 pm  Treatment of Chronic Anal Fissure (TOCA): A Randomized Clinical Trial on Diltiazem Versus Myoxinol/Carboxymethyl Glucan (NCT02158013)  
P253  
A. Nordholm-Carstensen*, H. Perregaard¹, H.T. Hougaard¹, K.L. Wahlstrom¹, K.K. Hagen¹, T.L. Brøndum¹, P. Krarup¹; ¹Copenhagen, Denmark; ²Aarhus, Denmark

3:40 pm  Predictors of Ostomy Creation After Elective Surgery for Diverticulitis  
P254  
S. Naffouj*, C. Warner¹, K. Kochar¹, S.J. Mareck¹, J. Nordenstam¹, A. Meldgen¹, J. Park¹; ¹Chicago, IL

3:45 pm  Incidence of Adenoma in Normal Risk Patients Younger than 50 Higher than Previously Reported  
P255  
M. Sigman*, N. Engelking¹, E. Wietfeldt¹, J. Thiele¹, J. Rakinic¹; ¹Springfield, IL

3:50 pm  Does the Application of Negative Pressure Wound Therapy to Closed Incisions Decrease Surgical Site Infections in Colorectal Surgery?  
P256  
S. Naffouj*, C. Warner¹, K. Kochar¹, S.J. Mareck¹, J. Nordenstam¹, A. Meldgen¹, J. Park¹; ¹Chicago, IL

Monday, May 21  
Monitor #5 – Case Study

Co-moderators:  
Jennifer Ayscue, MD, Washington, DC  
Karen Zaghiyan, MD, Los Angeles, CA

3:35 pm  Management of Complicated Diverticulitis With Tuboovarian Abscess  
P257  
M.L. Rossi*; ¹Springfield, IL

3:40 pm  Primary Synchronous Leiomyoma in the Perianal Region. An Exceptional Finding  
P258  
B.Z. Freitas*, P.S. Novelli¹, D.D. Peseto¹, R.S. Mendonça¹, D.T. Kanno¹, E.R. Nascimento¹, R. Nonose¹, C.R. Martinez¹; ¹Bragança Paulista, São Paulo, Brazil

3:45 pm  Benign Multicystic Peritoneal Mesothelioma: A Remarkable Case in a Male Patient  
P259  
J. Levy*, J.T. McCormick¹; ¹Pittsburgh, PA

All e-poster presenters are noted with an *.
Monday, May 21
Monitor #6 – Case Study

Co-moderators: Nicole Lopez, MD, La Jolla, CA
Eric Nelson, MD, Chattanooga, TN

3:35 pm Neoplastic Cancer-associated Retinopathy as Presenting Symptom in Colon Cancer P261

3:40 pm Robotic Colon Resection With Intracoporeal Anastomosis for Sever Diverticulitis Decreases Morbidity in Morbidly Obese Patients P262
J.B. Hurley*; 'Dallas, TX

3:45 pm Extensive Neovaginal Squamous Cancer in a Transgender Female Presents as a Large Pelvic Mass P263
O. Hashmi*, N. Gaulin, S. Nosik, A. Reichstein, T. Krivak, J.T. McCormick; 'Pittsburgh, PA

3:50 pm Clostridium Difficile Enteritis in an Ulcerative Colitis Patient, After Total Proctocolectomy and End Ileostomy P264
A. El-Sedfy*, S. Nalamati; 'Detroit, MI

Monday, May 21
Monitor #8 – Neoplastic Disease

Co-moderators: Jeffrey Barton, MD, New Orleans, LA
Gregory Quatrino, MD, Chattanooga, TN

3:35 pm Factors Influencing Time to Adjuvant Chemotherapy (TTAC): An Evaluation of Patient Characteristics in New Jersey P269
R.E. NeMoyer*, K. Donohue, V. Dombrovskiy, N. Maloney Patel; 'Dover, NJ

3:40 pm Enhanced Recovery: An Opportunity for Improved Cancer Outcomes P270
R. Baucom*, S. Dauglas, E. Saeler, D. Bennett, G. Ogola, J. Fleshman, W.R. Peters, K.O. Wells; 'Dallas, TX

3:50 pm Impact of Tumor Depth and Nodal Positivity on 30-day Operative Outcomes Following Descending Colectomy P272
A.M. Kao*, M.R. Arnold, T. Prasad, B. Heniford, B.R. Davis, K. Kasten; 'Charlotte, NC
3:40 pm  Eligibility Analysis of the Extent of Pedigrees to Screen and Diagnose Lynch Syndrome: Comparison of the Simplified and Extended Pedigree  

3:45 pm  Oncologic Outcomes for Anal Melanoma Following Local Excision Versus Abdominoperineal Resection: A National Cancer Database Analysis  
A.C. Fields*, J. Goldberg, J.C. Senturk*, R. Bleday*, N. Melnitchouk*; 'Boston, MA  

3:50 pm  Surgical Outcomes in Persistent Versus Recurrent Anal Squamous Cell Carcinoma: Is There a Difference in Survival?  

Monday, May 21  
Monitor #10 – Neoplastic Disease  
Co-moderators: Samuel Eisenstein, MD, La Jolla, CA  
Janet Lee, MD, St. Paul, MN  

3:35 pm  Health Economic Analysis in a Randomized Trial of Early Closure of a Temporary Ileostomy After Rectal Resection for Cancer (EASY trial)  

3:40 pm  Trends in Rectal Adenocarcinoma: The Impact of Age and Histology  

3:45 pm  Updated Outcomes After Local Excision Versus Radical Resection in Rectal Cancer: A National Population-Based Study Using National Cancer Database  
S.S. Kwon*, O. Baser*, Y. Cao*, R.P. Kiran*; 'Fort Lee, NJ; 2New York, NY  

3:50 pm  Bowel Function After Ultra-Low Pelvic Anastomosis for Rectal Cancer  
S.J. Ivatury*; 'Lebanon, NH  

Monday, May 21  
Monitor #11 – Neoplastic Disease  
Co-moderators: Anuradha Bhama, MD, Cleveland, OH  
Claire Peeples, MD, Royal Oak, MI  

3:35 pm  Intradural Anesthesia and Its Impact on Oncologic Outcomes in Colon Cancer  

3:40 pm  Anastomotic Leak: Impact on Disease Recurrence in Colon Cancer  

3:45 pm  Does the Difference of Surgical Difficulty in Colon Cancer According to the Location Affect Survival: Surgeon’s Perspective  
J. Lee*, N. Kim*; 'Seoul, Korea (the Republic of)  

3:50 pm  Impact of Postoperative Complications on Oncologic Outcomes in Rectal Cancer  

Monday, May 21  
Monitor #12 – Outcomes  
Co-moderators: Daniel Klaristenfeld, MD, San Diego, CA  
Ian Paquette, MD, Cincinnati, OH  

3:35 pm  Unmet Needs in Colorectal Cancer Survivors After Treatment for Curative-intent  
J. Vu*, A. De Roo*, N. Matusko*, S. Regenbogen, K. Hardiman*; ‘Ann Arbor, MI  

3:40 pm  The Safety of Outpatient Stoma Closure: On the Verge of a Paradigm Shift?  

3:45 pm  The Effect of Sex on Treatment Strategy for Ulcerative Colitis  
L.A. Sceats*, A.M. Morris*, M. Bundorf*, K. Park*, C. Kin*; 2Menlo Park, CA; 3Stanford, CA  

3:50 pm  What are the Outcomes of Patients Undergoing Multiple Procedures During a Single Abdominal Operation?  

All e-poster presenters are noted with an *.
Monday, May 21
Monitor #13 – Outcomes

Co-moderators: Dorin Colibaseanu, MD, Jacksonville, FL
Amy Lightner, MD, Rochester, MN

3:35 pm  Impact of Preoperative Bowel Preparation on the Risk of Clostridium Difficile After Colorectal Surgery: A Propensity Weighted Analysis  
P289
M. Abou Khalil*, S. Bhatnagar, J. Abou Khalil, C. Vasilevsky, N. Morin, G. Ghitulescu, J. Faria, M. Boutros; 1Montreal, QC, Canada; 2Ottawa, ON, Canada

3:40 pm  Influence of the Use of Pupillometry in Postoperative Analgesic Control in Patients With Laparoscopic Colorectal Surgery  
P290
M. Martinez-Vilalta; 1Barcelona, Catalonia, Spain

3:45 pm  Bowel Function Outcomes in Rectal Cancer Patients Managed by a Watch-and-Wait Strategy After Neoadjuvant Therapy: A Crossmatch Study  
P291

3:50 pm  Factors Associated With Readmission in New Ileostomates  
P292
M.C. Young*, A.L. Lightner, N.P. McKenna; 1Rochester, MN

Monday, May 21
Monitor #15 – Outcomes

Co-moderators: Nelya Melnitchouk, MD, Boston, MA
Carrie Peterson, MD, Milwaukee, WI

3:35 pm  Prognostic Nutrition Index Is a Significant Predictor of Postoperative Complications Among Patients Undergoing Colorectal Surgery  
P293
R. Mittal, J.L. Parker, J.W. Ogilvie; 1Grand Rapids, MI

3:40 pm  Traumatic Rectal Injuries: “Getting to the Bottom of It”  
P298
E.S. Shipper*, A. Alarhayem, H. Dao; 1San Antonio, TX

3:45 pm  Transanal Endoscopic Microsurgery (TEMS) for Mucosal Excisional Biopsy of Rectal Tumors of Uncertain Behavior – A Retrospective Case Series  
P299
K.L. Mirza*, A.M. Kaiser; 1West Hollywood, CA

3:50 pm  An Analysis of Incisional Hernia Rates After Abdominal Colectomy  
P297
A.C. Fabrizio*, J. Shao, Y.R. Alimi, H. Alexander, M. Bayasi, P. Bhanot; 1Arlington, VA

Monday, May 21
Monitor #14 – Outcomes

Co-moderators: Ellen Bailey, MD, Columbus, OH
Bryan Loh, MD, Anaheim, CA

3:35 pm  An Analysis of Incisional Hernia Rates After Abdominal Colectomy  
P297
A.C. Fabrizio*, J. Shao, Y.R. Alimi, H. Alexander, M. Bayasi, P. Bhanot; 1Arlington, VA

3:40 pm  Understanding Colonoscopy Decision Making: Applying Economic Theory  
P301
A. Qureshi*, L. Robison, J. Oliver, J.W. Ogilvie; 1Grand Rapids, MI; 2East Lansing, MI; 3Rexburg, ID

All e-poster presenters are noted with an *.
**Tuesday, May 22**

**Monitor #2 – Benign Disease**

**Co-moderators:** Luis Hernandez, MD, Miami, FL
Patrick White, MD, St. Paul, MN

9:05 am  **Right- Versus Left-Sided Diverticulitis in Korea: Clinical Manifestation and Treatment**
S. Jeon**,1, C. Kim, S. Lee**; 'Seoul, Korea (the Republic of)

9:10 am  **Fistulectomy, Sphincteroplasty and Anoplasty (FISA) to Treat Low Trans-sphincteric Perianal Fistula**
D. Mascagni**,1, D. Pironi, L. Fralleone1, P. Maccagni1, D. Di Nardo1, S. Pontone1, P. Antypas1, C. Eberspacher1; 'Rome, Italy

9:15 am  **Loop Ileostomy Closure: Comparison Between Experience of Surgeon and Methods of Anastomosis**
Y. Kim**,1, K. Lee, S. KIM, I. Song, D. Lee1, J. Park1, S. Ryoo1, S. Jeong1, K. Park**; 'Seoul, Korea (the Republic of)

9:20 am  **Laparoscopic Ventral Rectopexy: A Viable Option for Procidentia in North Indian Population With Bulky Sigmoid Colon**
A. Chandra**,1, S. Kumar, P. Singh1, N. Chopra1, V. Gupta1, V. Gupta1, P. Joshi1, A. Dangi1; 'Lucknow, Uttar Pradesh, India

**Tuesday, May 22**

**Monitor #3 – Benign Disease**

**Co-moderators:** Michael Guzman, MD, Indianapolis, IN
Radhika Smith, MD, St. Louis, MO

9:05 am  **Pneumatosis Intestinalis: Factors That Influence Survival**
M.R. Arnold**,1, K.A. Schlosser, T. Prasad1, B.R. Davis1, R.F. Sing1, B. Heniford1, K. Kasten1; 'Charlotte, NC

9:10 am  **Comparison of Preoperative and Postoperative MRI After Complex Fistula-Ano Surgery**
P. Garg1, M.M. Begani1, A. Ladha**,1; 'Panchkula, Haryana, India; 'Mumbai, Maharashtra, India; 'Indore, Madhya Pradesh, India
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<th>Time</th>
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<tr>
<td>9:10 am</td>
<td>Perirectal Abscess: A Common Surgical Problem With Significant Morbidity</td>
<td>H. Dao*, J. Kempenich, E.S. Shipper, A. Logue, N. Shah, K. Sirinek; 1San Antonio, TX, 2Providence, RI</td>
<td>East</td>
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<td>9:05 am</td>
<td>Simplified Easily Reproducible Pudendal Nerve Block Technique for Anorectal Surgery (SEPTA)</td>
<td>A. Ladha*, P. Garg, C. Puranik, M.M. Begani; 1Indore, Madhya Pradesh, India, 2Mumbai, Maharashtra, India</td>
<td>West</td>
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<tr>
<td>9:10 am</td>
<td>Mycobacterium Tuberculosis in 638 Samples of Fistula-In-Ano: Lessons Learned in 40 TB Fistula Patients</td>
<td>P. Garg, M.M. Begani, A. Ladha*, 1Panchkula, Haryana, India; 2Mumbai, Maharashtra, India, 3Indore, Madhya Pradesh, India</td>
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<td>9:10 am</td>
<td>Minimally-Invasive Techniques Improve Outcomes for Treatment of Colovaginal Fistula</td>
<td>H.L. Warren*, J. Patel, M.S. Nussbaum, F. Adkins; 1Roanoke, VA</td>
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<td>9:20 am</td>
<td>Resident Knowledge of Benign Anal Diseases: How General Surgery Compares to Other Disciplines</td>
<td>K.A. Kelley*, E. Dewey, L. Tsikitis, K. Lu; 1Portland, OR</td>
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<td>Anorectal Squamous Cell Carcinoma Following Restorative Proctocolectomy and Ileoanal Anastomosis: Report of Two Cases</td>
<td>C. Zhang*, D. Hart, J. Venable, M. Schertzer, W. Ambroze; 1Atlanta, GA</td>
<td>East</td>
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<td>9:15 am</td>
<td>Time to Build a Better Blowhole? Single Port Loop Colostomy for Management of Advanced Gynecologic Malignancy With Large Bowel Obstruction</td>
<td>E.A. Smith*, D.J. Eyvazzadeh, R. Fontem; 1Bethlehem, PA</td>
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<td>Mycobacterium Tuberculosis in 638 Samples of Fistula-In-Ano: Lessons Learned in 40 TB Fistula Patients</td>
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<td>Anorectal Squamous Cell Carcinoma Following Restorative Proctocolectomy and Ileoanal Anastomosis: Report of Two Cases</td>
<td>C. Zhang*, D. Hart, J. Venable, M. Schertzer, W. Ambroze; 1Atlanta, GA</td>
<td>East</td>
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<tr>
<td>9:05 am</td>
<td>Thong Gone Wrong – A Case Report Involving Anal Trauma From a Jet Ski Accident</td>
<td>J.D. Sohn*, S. Campbell, C. Bulauitan, G. Parker, T. Lake; 1Eatontown, NJ, 2Neptune, NJ</td>
<td>West</td>
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<tr>
<td>9:10 am</td>
<td>Resident Knowledge of Benign Anal Diseases: How General Surgery Compares to Other Disciplines</td>
<td>K.A. Kelley*, E. Dewey, L. Tsikitis, K. Lu; 1Portland, OR</td>
<td>West</td>
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All e-poster presenters are noted with an *.
Tuesday, May 22
Monitor #7 – Neoplastic Disease

**Co-moderators:** Laila Rashidi, MD, Galveston, TX
Gabriela Vargas, MD, Salt Lake City, UT

9:05 am  
**Assessing Surgical Practice Variation for Acute Malignant Bowel Obstruction**  
P329
I. Leeds*, B. Abraham, M. Sundel, M. Pozo, S. Fang; 1Baltimore, MD

9:10 am  
**Colorectal Device Development Reporting Using the IDEAL Framework: ‘Dilumen’ Endoscopic Double Balloon Platform**  
P330
S. Sharma*, K. Momose, T. Sonoda, R. Sharaibi; 1New York, NY

9:15 am  
**Short-term Outcomes of Laparoscopic Multivisceral Resection for Locally Advanced Colon Cancer**  
P331

9:20 am  
**Impact of Tumor Depth and Nodal Positivity on 30-day Operative Outcomes Following Ascending Colectomy**  
P333
A.M. Kao*, J. Otero, T. Prasad, B.R. Davis, B. Heniford, K. Kasten; 1Charlotte, NC

Tuesday, May 22
Monitor #8 – Neoplastic Disease

**Co-moderators:** Molly Ford, MD, Nashville, TN
David Kleiman, MD, Burlington, MA

9:05 am  
**Understaging and Undertreatment of Colorectal Malignancies in Ukraine**  
P337
P. Lu*, G. Shabat, H. Lyu, A.C. Fields, J. Irani, J. Goldberg, R. Bleday, N. Meltzouk; 1Boston, MA; 2Ivano-Frankivsk, Ukraine

9:10 am  
**Functional Outcomes After taTME: Retrospective Analysis of Quality of Life and Pelvic Function**  
P338
V. Turrado-Rodriguez*, A.T. Torroella, F. de Lacy Oliver, P. Guamer Piquet, A. Otero-Piñeiro, B. Martín-Perez, R. Bravo, D. Momblan, A. Ibarzabal Olano, A. Lacy Fortuny; 1Barcelona, Spain

9:15 am  
**Anastomotic Leakage After Colorectal Surgery: Impact of Aortic Calcifications**  
P339
A. Pinto*, I. Anzoua Kouakou, Y. Parè, A. Laurent, A. Civet, M. Pocard, C. Eveno; 1Paris, France; 2Creteil, France

9:20 am  
**Outcomes After Transanal Excision or Transabdominal Resection for Stage I Rectal Cancer Patients**  
P340
N. Burriss*, M. Aryan, T. Loftus, T. George, S.J. Hughes, S. Tan, A. Iqbal; 1Gainesville, FL

Tuesday, May 22
Monitor #9 – Neoplastic Disease

**Co-moderators:** Jennifer Davids, MD, Worcester, MA
Bryan Holcomb, MD, Indianapolis, IN

9:05 am  
**Postoperative Radiochemotherapy Affects Postoperative Outcomes and Functional Results at 1 year in Patients Treated by TEM for Rectal Neoplasms**  
P335
G. Rizzo*, C. Mattana, D.P. Pafundi, F. Sionne, L. Amadio, M. Gambacorta, V. Valentini, C. Coco; 1Roma, Italy

9:20 am  
**The Risk Factor of Recurrence After Curative Resection for Stage II Colorectal Cancer**  
P336
K. Takamoto*, S. Yamaguchi, H. Shimizu, H. Kondo, K. Hara, A. Suzuki, T. Okada, S. Ishikawa, T. Ishii; 1Hidaka, Saitama Prefecture, Japan

All e-poster presenters are noted with an *.
# E-Poster Presentations

## Tuesday, May 22

### Monitor #10 – Neoplastic Disease

**Co-moderators:** Jennifer Leinicke, MD, *Omaha, NE*  
Shankar Raman, MD, *Des Moines, IA*

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<tr>
<td>9:05 am</td>
<td>Pattern of Defects in Total Mesorectal Excision specimens: Is There Any Difference Between Transanal and Laparoscopic Approaches?</td>
<td>S.K. Perdawood¹, M.X. Bjoern*¹; ¹Naesteved, Denmark</td>
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<td>9:10 am</td>
<td>Surveillance of TEM Resected Lesions: Are We Being Diligent Enough?</td>
<td>A. Keeping¹, K. Neumann*¹, P. Johnson¹, C. Kenyon¹; ¹Halifax, NS, Canada</td>
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<td>9:15 am</td>
<td>Is Routine Histological Evaluation of Circular Stapler Doughnuts Necessary After Colorectal Cancer Resection?</td>
<td>E. Hyun*¹, D. Hochman¹, R.M. Helewa¹, B. Yip¹, A. Vergis¹, J. Park¹; ¹Winnipeg, MB, Canada</td>
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<td>9:20 am</td>
<td>Geographical and Facility Based Disparities in the Administration of Neoadjuvant Chemoradiotherapy in Rectal Adenocarcinoma</td>
<td>S.J. Concors*¹, A. Sinnamon¹, D. Murken¹, R. Birkett¹, C.B. Aaron¹, N. Mahmoud¹, E. Paulson¹; ¹Philadelphia, PA</td>
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### Tuesday, May 22

### Monitor #11 – Neoplastic Disease

**Co-moderators:** Terrah Paul Olson, MD, *Atlanta, GA*  
Karen Sherman, MD, *Raleigh, NC*

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<th>Time</th>
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<tr>
<td>9:05 am</td>
<td>Transanal Total Mesorectal Excision in Benign and Malignant Rectal Pathology</td>
<td>J.S. Leite*¹; ¹Coimbra, Portugal</td>
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<tr>
<td>9:10 am</td>
<td>Clinical relevance of Histopathological Diagnosis and Preoperative CT Prediction of Pelvic Sidewall Lymph Node Metastasis in Lower Rectal Cancer Treated Without Neoadjuvant Therapy</td>
<td>T. Sasaki*¹, H. Hasegawa¹, Y. Tsukada¹, Y. Nishizawa¹, M. Ito¹; ¹Kashiwa-shi, Chiba, Japan</td>
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<tr>
<td>9:15 am</td>
<td>A New Therapeutic Strategy That Could Control Local Recurrence for Locally Advanced Rectal Cancer</td>
<td>T. Nakamura*¹, T. Sato¹, T. Yamanashi¹, H. Miura¹, A. Tsutsui¹, M. Shimazu¹, M. Watanabe¹; ¹Sagamihara, Kanagawa, Japan</td>
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All e-poster presenters are noted with an *.

## Tuesday, May 22

### Monitor #12 – Neoplastic Disease

**Co-moderators:** Melissa Chang, MD, *Ypsilanti, MI*  
Seth Felder, MD, *Tampa, FL*

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<tr>
<td>9:05 am</td>
<td>Why Do Some Places Not Improve Even After Implementing an Enhanced Recovery Pathway?</td>
<td>Q.L. Hu*¹, J.Y. Liu¹, D. Hobson², E.C. Wick³, J.B. Liu¹, B.L. Hall⁴, C.Y. Ko¹; ¹Chicago, IL; ²Baltimore, MD; ³San Francisco, CA; ⁴St. Louis, MO</td>
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<td>9:10 am</td>
<td>Prolonged Operative Duration Increases Risk of Complications Regardless of Patient Comorbidity</td>
<td>A.E. Kanters*¹, S. Regenbogen¹, P. Suwanabol¹, K. Hardiman¹, L. Maguire¹, J.C. Byrn¹; ¹Ypsilanti, MI</td>
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### Tuesday, May 22

### Monitor #13 – Outcomes

**Co-moderators:** Chitra Sambasivan, MD, *Houston, TX*  
Joshua Wolf, MD, *Baltimore, MD*

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<tr>
<td>9:05 am</td>
<td>Postoperative Length of Stay: The Impact of Pre-existing Comorbidities</td>
<td>L.A. Bradney*¹, J. Deloach², H.J. Spencer², J.A. Laryea²; ¹North Little Rock, AR; ²Little Rock, AR</td>
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137
9:10 am     Bleeding Associated With Venous Thromboembolism Prophylaxis in the Postoperative Colorectal Patient: A Randomized Prospective Study of Unfractionated Heparin Versus Low Molecular Weight Heparin
W.P. Boyan*, A.M. Dinallo1, B. Shea1, P.A. Kolarsick1, V. Almagno2, D.S. Lavy1, R. Dressner1, M. Arvanitis1; 1Brick, NJ; 2True Blue, Grenada; 3Weston, FL

9:15 am     Anastomotic Leak Rates Based on Degree of Obesity in Colorectal Surgery
H.R. Howe*, W. Grimes1; 1Shreveport, LA

9:20 am     Sub Total/Total Colectomy Involve a Higher Complications Rate in Comparison to Right Hemicolecotmy
B.B. Abitbul*, A. Meiri1, J. Klausner1, H. Tulchinsky1; 1Tel Aviv, Israel

Tuesday, May 22
Monitor #15 – Outcomes

Co-moderators: John Hunter, MD, Mobile, AL
Jonathan Mitchem, MD, Columbia, MO

9:05 am     Trends in Clinical and Financial Outcomes After Robotic Colorectal Surgery Over Time: We Need to Keep Pushing the Technology Envelope
A.M. Al-Mazrou*, O. Baser1, R.P. Kiran1; 1New York, NY

9:10 am     Impact of a Post-discharge Venous Thromboembolism (VTE) Prophylaxis Program in Patients Undergoing Surgery for Colorectal Cancer or Inflammatory Bowel Disease (IBD)
P.A. Najjar*, A.L. Madenci1, N. Melnitchouk1, J. Irani1, J. Goldberg1, R. Bleday1; 1Boston, MA

9:15 am     A Population-based Analysis of the Drivers of Short-Term Costs Following Colorectal Surgery
J.E. Springer*, A. Doumouras1, J. Lee1, N. Amin1, M. Cadeddu1, C. Eskicioglu1, D. Hong1; 1Hamilton, ON, Canada

9:20 am     A Comparison of Perioperative Outcomes Using DaVinci Xi Versus Si for Colon and Rectal Surgery
K.D. Donohue*, V. Dombrovskiy1, S. Patankar1, N. Maloney Patel1, C. Rezac2; 1New Brunswick, NJ; 2Arlington, VA

Tuesday, May 22
Monitor #16 – Outcomes

Co-moderators: Elise Lawson, MD, Madison, WI
John Migaly, MD, Durham, NC

9:05 am     Clostridium Difficile Colitis in the Setting of Hypovolemic Shock
C.E. Nemhhard*, N.R. Changoo1, J. Hwabejire1, E. Cornwell III1, D. Ford1; 1Washington, DC

9:10 am     Automated Post-discharge Surveillance Reduces Avoidable Hospital Readmissions – Outcomes From the ACS-NSQIP Database
A. Al-Khamis*, C. Warner1, D. Borsuk1, K. Kochar1, S.J. Marecek1, J. Park1; 1Park Ridge, IL

All e-poster presenters are noted with an *. 
9:15 am Real-Time Auditing of an Enhanced Recovery Program (ERP). What the Truth Reveals  P367
T. Asgeirsson*; 1Grand Rapids, MI

A. Al-Khamis*1, C. Warner1, D. Kim1, D. Borsuk1, I. Zamifirova1, K. Koch1, S.J. Marecik1, J. Park1; 1Park Ridge, IL

Tuesday, May 22
Monitor #1 – Benign Disease

Co-moderators: Leander Grimm, Jr., MD, Mobile, AL
Andrew Russ, MD, Knoxville, TN

11:40 am The Correlation Between Anal Pap Cytology and Histopathologic Outcomes in HIV-Positive Males  P369
T. McCutcheon*1, A.T. Hawkins1, M.M. Ford1, T. Geiger1, M.B. Hopkins1, R.L. Muldoon1; 1Burns, TN

11:45 am “Relaparoscopy” to Treat Early Complications Following Colorectal Surgery  P370
M. Matzner Perfumo*1, M. Laporte1, F. Ocariz1, A.G. Canelas1, M. Bun1, N. Rotholtz1; 1Buenos Aires, Argentina

11:50 am Clinical Outcomes of Hartmann Resection: Benign Versus Malignant Etiology  P371
J. Bauman1, J. Wood1, J. Rakinic1, V. Poola*1; 1Springfield, IL

11:55 am Evaluating Accuracy of “Hemorrhoid”: Referral Comparison Across Specialties and Symptoms  P372
M. Clapp*1, J. Idrees1, J.T. Brady1, S.L. Stein1, H.L. Reynolds1, E. Steinhagen1; 1Cleveland, OH

Noon Is It Possible to Predict Prescription Obstructed for Patients With an Ileostomy?  P373
T. Kondo*1, T. Oishi1, Y. Sekimoto1, Y. Nishihara1, Y. Kawaguchi1, J. Tokuyama1, H. Urakami1, Y. Isobe1, S. Seki1; 1Tokyo, Japan

12:05 pm The Use of Human Dermal Allograft (Cymetra*) for the Treatment of Chronic Pilonidal Disease: Comparison to Traditional Surgical Methods  P374
N.M. Hinkle*1, D. Mullins1, R. Lewis1, S. Brown1, S. Banerjee1, A. Ayers1; 1Hartford, CT

All e-poster presenters are noted with an *. 
Tuesday, May 22
Monitor #2 – Benign Disease

Co-moderators: Abier Abdelnaby, MD, Dallas, TX
Brian Bello, MD, Washington, DC

11:40 am Hartmann’s Reversal: Factors Affecting Complications and Outcomes
S.J. Hahn1, B. Read1, A. Mui1, J. Munger1, Z. Ozment1, J. Bauer*1; 1New York, NY

11:45 am Trauma Colostomy Reversal: Are Rectal Contrast Studies Necessary?
M.K. Miller*1, J. Barton1, G.R. Orangio1, W. Rohn1, G. Squeo1, A. Toshav1, D. Smith1, P. Greffenstein1, J. Mooney1; 1New Orleans, LA

11:50 am Effect of Oral Antibiotic and Mechanical Bowel Preparation on Surgical Site Infection (SSI) for Colorectal Surgery: A Systematic Review and Update
M. Zelhart1, S. McChesney*1, K. Cologne2, R.L. Nichols1; 1New Orleans, LA; 2Los Angeles, CA

11:55 am Is the Ability to Void Spontaneously a Prerequisite to Discharge After Ambulatory Anorectal Surgeries?
S. Hatch*1, D. Peterson2, S. Husain1; 1Columbus, OH; 2Hershey, PA

Noon Comparison of Single Incision and Conventional Laparoscopic Colorectal Surgery: A Case Matched Assessment From Nation Wide Targeted Colectomy Cohort
T.B. Cengiz*1, C. Benlence1, S.D. Holubar1, L. Stocchi1, C.P. Delaney1, E. Gorgun1; 1Cleveland, OH

12:05 pm The Use of Silver Nitrate in Complex Fistula in Ano, Long-term Outcomes
M.D. Sandoval1, J.A. Villanueva-Herrero1, T.D. Navarrete-Cruces1, H.I. Morales-Rodriguez1, B. Jimenez-Bobadilla1, M.D. Reyes-Hansen*1; 1Mexico City, D.F., Mexico

12:10 pm Retrospective Analysis of Surgical Treatment Outcomes in Pilonidal Disease After Cleft Lift Repair
P.C. Pierson*1, D. Peighlal1, B. Ferrel1, S. Kraemer1, J. Franko1, S. Raman1; 1Des Moines, IA

12:15 pm Retrospective Review of Recurrence of Pilonidal Disease After Treatment With Limberg Flap Versus Other Surgical Management
J.M. Piagione*1, K. Ishihara1, N. Laferriere1, C.R. Richards1, M.B. Lustik1, S.M. Gillern1; 1Honolulu, HI

12:20 pm Rectovaginal and Rectourethral Fistula Repair With Placenta Derived Stem Cells: Preliminary Study
J.P. Taylor*1, G. Chen1, S. Gearhat1; 1Baltimore, MD

12:25 pm The Timing of Kock Pouch Complications: Do They Fit a Pattern?
D. Vitello*1, A. Jarrar1, A.R. Althans1, O.A. Lavryk1, D. Schwartzberg1, S. Shawki1, C.P. Delaney1, S. Seele1; 1Cleveland, OH

12:30 pm Patient Satisfaction and Functional Outcomes After Transphincteric Fistulotomy: A Multicenter Experience
M. Cudworth*1, J. Sugrue1, C. Warner1, S.M. Thomas1, J. Nordenstam1, A. Melgren1, V. Chaudhry1; 1Chicago, IL

12:35 pm Endorectal Advancement Flap Repair With the Use of Fluorescence Angiography: Does It Stack Up to Traditional Approaches?
A. Okonkwo*1, J.S. Turner1, A. Chase1, C. Clark1; 1Atlanta, GA

12:40 pm Intersphincteric Component in Complex Fistula-In-Ano Like an Abscess and Should Be Treated Like One: Transanal Opening of Intersphincteric Space (TROPIS) Procedure in 158 Highly Complex Anal Fistulas
P. Garg1, M.M. Begani2, A. Ladha*, M.K. Garg4; 1Panchkula, Haryana, India; 2Mumbai, Maharashtra, India; 3Indore, Madhya Pradesh, India; 4Khanpur, Haryana, India

12:45 pm BMI Influences Decision for Surgery in Elective Resection for Diverticulitis
D.O. Young*1, C. Espanza1, A. Abcarian1, J. Cintron1, J. Harrison1, V. Chaudhry1; 1Chicago, IL

All e-poster presenters are noted with an *.
E-POSTER PRESENTATIONS

Tuesday, May 22
Monitor #3 – Neoplastic Disease

Co-moderators: Irena Gribovskaja-Rupp, MD, Iowa City, IA
Vitaliy Poylin, MD, Boston, MA

11:40 am Colorectal Cancer (CRC) With Lung and Synchronous Elsewhere Metastases Treated With Definitive Lung Stereotactic Body Radiotherapy (SBRT): A Case Series
S. Hasan*, R.E. Wegner1, A. Kirichenko1, J.T. McCormick1; 1Pittsburgh, PA

11:45 am Surgical Management of Primary Colonic Lymphoma: Big Data for a Rare Problem

11:50 am A Systematic Review of Outcomes After Salvage Abdominopерineal Resection for Persistent or Recurrent Anal Squamous Cell Cancer
G. Ko*, A. Sarkari1, S. Merchant1, C. Booth1, S. Patel1; 1Kingston, ON, Canada

11:55 am Overall and Disease-free Survival Following Complete Pathologic Response to Neoadjuvant Chemoradiation: A Benchmark for Non-Operative Management
R.M. Rochon*, D. Mihalicz2, M.S. Brar3, Y. Qian4, T. MacLean5, W.D. Buie6, J.A. Heine7; 1Calgary, AB, Canada; 2Edmonton, AB, Canada; 3Toronto, AB, Canada

Noon Primary Anastomosis With or Without Diversion Is Safe in the Management of Perforated Colon Cancer
K.B. Skowron*, E.C. Poli, L.M. Cannon, R.D. Hurst, B.D. Shogan, K. Uamanskiy, N. Hyman, R. Smith; 1Chicago, IL

12:05 pm A Comparison of Perioperative Nutritional Status Among Patients With Surgically Curable Gastric or Colorectal Cancer: A Propensity Score Matched Analysis
S. Yoon*; 1Sungman-si, Korea (the Republic of)

12:10 pm Surgical Outcomes of Robotic Surgery for Colorectal Cancer Following Neoadjuvant Chemoradiation Therapy
T. Chen*, J. Liang; 1Hsinchu City, Taiwan; 2Taipei City, Taiwan

12:15 pm Novel Scoring System Evaluating Palliative Primary Tumor Resection Provides Survival Benefits for Patients With Unresectable Metastatic Colorectal Cancer
G. Cao*, W. Zhou1, Z. Song1, X. Huang1; 1Hangzhou, Zhejiang Province, China

12:20 pm Long-term Oncologic Outcomes After Robotic Versus Laparoscopic Right Colectomy: A Prospective Randomized Study
J. Park*, G. Choi1, S. Park1, H. Kim1, I. Woo1; 1Daegu, Korea (the Republic of)

12:25 pm Predicting Factors of Bowel Dysfunction After Sphincter-preserving Surgery in Rectal Cancer Patients
Y. Park*, Y. Han1, M. Cho1, H. Hur1, B. Min1, K. Lee1, N. Kim1; 1Seoul, Korea (the Republic of)

12:30 pm Costs Analysis of Robotic Rectal Resection With TME: A Comparison Between the da Vinci Si and Xi
L. Morelli*, G. Di Franco1, M. Palmeri1, N. Furbetta1, M. Bianchini1, S. Guadagni1, V. Lorenzon1, G. Turchetti1; 1Pisa, Italy

12:35 pm Prognostic Factors for Early Recurrence After Neoadjuvant Chemoradiotherapy Followed by Total Mesorectal Excision in Rectal Cancer
S. Yang*, Y. Han1, M. Cho1, H. Hur1, B. Min1, K. Lee1, N. Kim1; 1Seoul, Korea (the Republic of)

12:40 pm Distinct Prognosis of High Versus Mid/Low Rectal Cancer: A Propensity Score Matching Study
L. Cheng1, J. Chen1, S. Chen*, K. Sun1, L. Yu1, S. Han1, Y. He1, C. Chen1; 1Guangzhou, China

12:45 pm Rectal Cancers as a Proportion of the Colorectal Cancer Burden in Patients With Hereditary Colorectal Cancer Syndromes: A Clue to What Is Happening in the Young Sporadic Patients Today?
X. Xhaja*, J. Church1; 1Cleveland, OH

Tuesday, May 22
Monitor #4 – Neoplastic Disease

Co-moderators: Lawrence Lee, MD, Montreal, QC, Canada
Karen Zaghian, MD, Los Angeles, CA

11:45 am Multivisceral Resection in Colon Cancer
J. noronha*, A.L. Desouza1, N. Usman1, v. Ostwal1, A. Ramaswamy1, P. Patil1, A. Saklani1; 1Mumbai, Maharashtra, India

All e-poster presenters are noted with an *.
11:50 am  Robot-assisted Surgery for Colorectal Liver Metastasis: A Single Center Experience  
P413
L. Morelli*, N. Furbetta¹, G. Di Franco¹,
D. Gianardi¹, M. Bianchini¹, M. Guadagnucci¹,
M. Palmeri¹, S. Guadagni¹; ¹Pisa, Italy

11:55 am  Neoadjuvant Chemoradiation Improves Oncological Outcomes in Middle and Lower ctT3N0 Rectal Tumours  
P414
O.A. Lavryk*, E. Manilich¹, M. Arshiya¹,
B.J. Champagne¹, M.A. Valente¹, M. Kalady¹,
S. Shawki¹, E. Gorgun¹, C.P. Delaney¹, S. Steele¹;
¹Cleveland, OH

Noon  Robotics Confers an Advantage in Right Hemicolectomy With Intracorporeal Anastomosis When matched against Conventional Laparoscopy  
P415
J.C. Ngu*, Y.Y. Ng; ²Singaprade, Singapore

12:05 pm  Long-term Sexual Function in Rectal Cancer Survivors  
P416
Z.O. Jones*, S. Popek¹, O. Myers¹;
¹Albuquerque, NM

12:10 pm  Radiation Dose Escalation and Stoma-free Survival in Rectal Cancer Patients Undergoing Neoadjuvant Chemoradiation at a Single Institution  
P417
V. Zheleva*, V. Satyananda², Y. Chen³,
R. Nelson¹, S. Sentovich¹, K. Melstrom¹, L. Lai³;
¹Azusa, CA, ²Torrance, CA

12:15 pm  Return to the Operating Room Within 30-days After Colorectal Resection  
P418
E. Pettke*, A. Shah¹, E. Sutton¹, J. Sandhu¹,
C. Winkler¹, V. Cekic¹, N. Gandhi¹, R. Whelan¹;
¹New York, NY

12:20 pm  Colorectal Lymphoma: A Contemporary Case Series  
P419
S.J. Skube*, E.G. Arsoniadis¹, M.L. Sulciner¹,
S.R. Gilles¹, W.B. Gaertner¹, R. Madoff¹,
G.B. Melton¹, M. Kwaan¹; ¹Minneapolis, MN

12:25 pm  Are Rectal Cancer Patients With Pretreatment N2-Positive Disease Suitable for “Watch and Wait” Protocols? An ACS-NSQIP Analysis  
P420
N. Wong-Chong*, M. Abou Khalil¹, R. Garfinkle¹,
S. Bhatnagar¹, G. Ghitulescu¹, C. Vasilevsky¹,
N. Morin¹, M. Boutros¹; ¹Montreal, QC, Canada

12:30 pm  Combined Proctectomy and Hepatectomy for Stage IV Rectal Cancer Is Safe With Significant 5-year Survival Rates  
P421
C.C. Vining*, S.J. Concors¹, N.M. Saur¹,
E. Paulson¹; ¹Philadelphia, PA

12:35 pm  Utilizing 18F-FDG PET/CT to Predict Postoperative Outcomes in Patients With Primary Colorectal Cancer: A Retrospective Analysis  
P422
M. Kelley*, C. Marcus², D.N. Blitzer¹, L.B. Solnes³;
¹Brooklandville, MD; ²Morgantown, WV;
³Baltimore, MD

12:40 pm  Laparoscopic Total Pelvic Exenteration in Locally Advanced Adenocarcinoma of Rectum Post-Chemoradiotherapy: Single Centre Experience in Ten Cases  
P423
A. Pokharkar¹, A. Saklani*, P.S. Kammar¹,
P.T. Sugoor¹; ¹Mumbai, Maharashtra, India

12:45 pm  Fat Stranding as a Finding in Computed Tomography Scan and its Accuracy in Identifying Depth of Tumor Invasion  
P424
G.G. Maranon*, M. Chan¹; ¹Taguig City, Metro Manila, Philippines

Tuesday, May 22
Monitor #5 – Neoplastic Disease

Co-Moderators: Mukta Krane, MD, Seattle, WA
Nicole Lopez, MD, La Jolla, CA

11:40 am  Extramammary Paget’s: Time for a Change in Management?  
P425
T.P. Nickerson*, G. Chang¹, M.W. Taggart¹,
B.K. Bednarski¹, M.A. Rodriguez-Bigas¹,
J.M. Skibber¹, Y. You¹, C.A. Messick¹; ¹Houston, TX

11:45 am  Impact of Robotic Learning Curve on Circumferential Margin and Quality of Total Mesorectal Excision in Rectal Cancer  
P426
A. Dyatlov*, M. Gachabayov¹, H. Lee¹,
A. Chudner¹, R. Bergamaschi¹; ¹Valhalla, NY

11:50 am  Outcomes of Patients With Positive Circumferential Resection Margin After Neoadjuvant Chemoradiation In Rectal Cancer – Does Addition of Induction Chemotherapy Works  
P427
B.K. Mahendra*, K. Verma¹, A.L. Desouza¹,
A. Gupta¹, A. Saklani¹; ¹Mumbai, Maharashtra, India

11:55 am  Clinical Utility of Post-Chemoradiation Therapy Restaging With MRI for Stage II-III Rectal Cancer Patients  
P428
M. Aryan*, J. Grajo¹, P. Moser¹, N. Burris¹,
T. George¹, S.J. Hughes¹, S. Tan¹, A. Iqbal¹;
¹Gainesville, FL
E-POSTER PRESENTATIONS


12:05 pm Validation of a 5-Item Modified Frailty Index for Patients Undergoing Colorectal Cancer Surgery Using the ACS-NSQIP Database S. Lachance*, N. Morin, C. Vasilevsky, G. Ghitulescu, J. Faria, F. Carli, M. Boutros; 1Montreal, QC, Canada

12:10 pm Similar Short-term Oncological Outcomes for Robotic and Open Total Mesorectal Excision in Patients With Rectal Cancer R. Jimenez-Rodriguez*, F. Quezada, P. Lynn, P. Strombon, P. S., P.B. Paty, W.R. Martin, J. Garcia Aguilar; 1New York, NY

12:15 pm Increased Lymph Node Yield Using Fluorescence-imaging Technique During Robotic Lateral Pelvic Lymph Node Dissection H. Kim*, G. Choi, J. Park, S. Park; 1Daegu, Korea (the Republic of)


12:30 pm Incidence and Reasons for Failure to Close a Defunctioning Ileostomy Following Low Anterior Resection for Locally Advanced Rectal Cancer A. Barenboim*, H. Tulchinsky; 1Tel Aviv, Israel

12:35 pm Treatment Assessment of Colorectal Cancer by Actionable Next-Generation-Sequencing Multigene Panel A. Rencuzogullari*, A. Bisgin, K.E. Erdogan, F. Doran, O. Yalav, I. Bog, O. Sonmezler, I. Eray, O. Alabaz, E. Gorgun; 1Adana, Turkey, 2Cleveland, OH

All e-poster presenters are noted with an *.

Tuesday, May 22

Monitor #6 – Neoplastic Disease

Co-moderators: Ellen Bailey, MD, Columbus, OH
Michelle Cowan, MD, Aurora, CO

11:40 am Comparison of the da Vinci Si and Xi Platforms for Multiquadrant Robotic Rectal Resections With Total Mesorectal Excision E.H. Cha*, K.M. Izquierdo, A.R. Spivak, E. Una, J.H. Marks; 1Baltimore, MD, 2Wynnewood, PA

11:45 am Tumor Scatter: Not Just a One-hit Wonder C. Lowe*, B. Trac, A. McHenry, X. Ding, J. Eberhardt, T. Saclarides, D.M. Hayden; 1Maywood, IL, 2Chicago, IL

11:50 am Racial Disparities in Short-term Oncological Outcomes in Stage I-III Resected Rectal Cancer M.B. Morton*, Y. Zerhouni, A.C. Fields, J. Goldberg, J. Irani, R. Bleday, N. Melnitchouk; 1Boston, MA

11:55 am Clinical Presentation and Features of Patients With Lobular Breast Cancer Metastatic to the Colon and Pericolonic Lymph Nodes R. Stadler*, C.L. Simman, J. Embrey, R. Crim; 1Flower Mound, TX, 2Irving, TX

Noon Does the Combined Treatment of Neoadjuvant Chemo-Radiation and Rectal Resection Cause Higher Morbidity in Patients With Rectal Cancer? A. Barenboim*, H. Tulchinsky; 1Tel Aviv, Israel

12:40 pm Improved Survival in Rectal Cancer Patients Who Are Treated With Long Course Versus Short Course Neoadjuvant radiotherapy: A Propensity-matched Analysis of the NCDB B.C. Chapman*, A. Gleisner, P. Hosokawa, D.M. Overbey, M. Cowan, E. Birnbaum, J.D. Vogel; 1Aurora, CO

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<th>Time</th>
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<tr>
<td>12:05 pm</td>
<td>Total Neoadjuvant Therapy Does Not Increase Post-operative Morbidity Compared to Long Course Neoadjuvant Chemoradiation in the Treatment of Rectal Cancer</td>
<td>C. Atallah*, W.C. Chapman†, A. Damle†, D.R. Rosen, S. Hunt, M. Mutch, S. Glasgow, P. Wise, M. Silviera; 'St. Louis, MO</td>
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<tr>
<td>12:10 pm</td>
<td>CD44 in Rectal Cancer: A Potential Marker for Tumor Response to Neoadjuvant Chemoradiation?</td>
<td>B. Trac*, C. Lowe, A. McHenry, X. Ding, J. Eberhardt, T. Saclarides, D.M. Hayden; 'Maywood, IL; 'Chicago, IL</td>
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<tr>
<td>12:15 pm</td>
<td>Appendix Orifice Polyp: A Study of 691 Lesions at a Single Institution</td>
<td>T. Hassab, J. Church; 'Cleveland, OH</td>
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<tr>
<td>12:30 pm</td>
<td>Long-term Oncologic Outcomes After Curative Treatment of Stage I-III Colorectal Cancer in Octogenarians</td>
<td>R. Jitmungnang*, W. Riansuwan; 'Bangkok, Thailand</td>
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<tr>
<td>12:35 pm</td>
<td>Surgical Management for the Retrorectal-Presacral Tumors: A Multicentric Nationwide Cohort Study</td>
<td>E. Aytac*, S. Sokmen, T. Colak, B. Mentes, D. Bugra, S. Demirbas, E. Gecim, 'Istanbul, Turkey; 'Mersin, Turkey; 'Ankara, Turkey</td>
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<td>12:40 pm</td>
<td>An Unusual Case Report of a Cecal Mass on CT Scan Not Seen on Colonoscopy</td>
<td>M. Lin, C. Foglia; 'Flushing, NY</td>
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<tr>
<td>12:45 pm</td>
<td>Early Stage Neuroendocrine Tumors of the Colon and Rectum Have High Risk of Nodal Involvement</td>
<td>A.S. Kulaylat*, K.T. Crowell, K.A. Mirkin, M. Michalidis, E. Messaris; 'Hershey, PA</td>
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All e-poster presenters are noted with an *.
E-POSTER PRESENTATIONS

12:25 pm  Serious Complications of Sedation for Colonoscopy: A Systematic Review and Meta-Analysis  P462
S.A. Acuna*, F. Dossa¹, C. Gomez Builes¹, M. Louridas¹, N. Baxter¹; ¹Toronto, ON, Canada

12:30 pm  Primary Colorectal Lymphoma: The Mayo Clinic Experience  P463
E. Calderon¹, P.T. Hangge*, A.E. Glasgow², E.B. Habermann², N. Mishra³; ¹Phoenix, AZ; ²Rochester, MN

12:35 pm  Impact of Robotic Complete Mesocolic Excision Versus Conventional Laparoscopic Right Hemicolectomy on Surgical Specimen Quality and Short-term Outcomes in Patients With Right-sided Colon Cancer  P464
T.K. Yozgatli¹, E. Aytac*, V. Ozben¹, B. Gurbuz¹, B. Baca¹, E. Balk¹, I. Hamzaoglu¹, T. Karahasanoglu¹, D. Bugra¹; ¹Istanbul, Turkey

12:40 pm  Cost-Conscious Robotic Approach in Rectal Cancer: Long-term Comparison of Robotic Versus Open Surgery  P465
T.B. Cengiz*, C. Benlice¹, M. Kalady¹, S. Steele¹, S. Shawki¹, D. Liska¹, E. Gorgun¹; ¹Cleveland, OH

12:45 pm  Colorectal Neoplasms in an Afrocentric Population: Histology, Distribution and Clinical Significance  P466
J. Plummer*, A. Duncan¹, R. Cruickshank¹; ¹Kingston, Jamaica

Tuesday, May 22
Monitor #8 – Neoplastic Disease

Co-moderators: Kurt Davis, MD, New Orleans, LA
Leandro Feo, MD, Manchester, NH

11:40 am  Age Versus ASA – Examining 30-day Mortality in Patients Undergoing Colectomy From the ACS NSQIP Database  P467
A. Mongiu*, R. Rumma¹, A. Wise¹, R.W. Farmer¹; ¹Louisville, KY; ²Boston, MA

11:45 am  When Does Delay in Treatment Impact Survival in Non-metastatic Colon Cancer?  P468
K.A. Mirkin*, A.S. Kulaylat¹, K.T. Crowell¹, C. Hollenbeak¹, E. Messaris¹; ¹Hershey, PA

11:50 am  Evaluating the Response to Chemoradiotherapy in Clinical T4 Rectal Cancers  P469
D. Schwartzberg*, A. Jarrar¹, A. Purysko¹, M. Kalady¹, E. Gorgun¹, M.A. Valente¹, C.P. Delaney¹, D. Liska¹; ¹Cleveland, OH

11:55 am  Timing of Rectal Cancer Resection After Preoperative Chemoradiotherapy (T4RC): A Protocol for a Randomized Controlled Trial  P470
A. Caycedo*, G. Ma¹, A. Banman¹; ¹Sudbury, ON, Canada

12:05 pm  Minimally Invasive Surgery in Patients with cT4 Rectal Cancer Treated With Neoadjuvant Chemoradiation: The Effects of Downstaging  P472
A. Sipok*, L. Bjelic³, T. Plerhoples², C. Liu², C. Birisan², C. Devon², F. El Sharkawy³, V. Gushchin¹; ¹Baltimore, MD; ²Falls Church, VA

12:15 pm  Can Outcomes of Mercury II Study Be Reproduced on Post-NACTRT Response Assessment MRI Scan?  P474
R.S. Shinde*, S.K. Ankat¹, B.K. Mahenda¹, A. Saklani¹; ¹Mumbai, India

12:20 pm  Abdominotransacral Resection: Single-stage, Two-phase Technique for En Bloc Composite Resection of Locally Advanced or Recurrent Rectal Cancer  P475
C.F. Fong*, N. Bloom¹; ¹New York, NY

12:25 pm  Trends in the Characteristics of Proximal and Distal Colon Cancers: A Population-Based Study  P476
F. Dossa*, N. Baxter¹; ¹Toronto, ON, Canada

12:30 pm  Implementation of a Standardized Protocol for the Closure and Care of Perineal Wounds Leads to a Decrease in the Incidence of Perineal Wound Complications  P477
C. Cahill¹, A. Fowler¹, A. Warraich¹, H. Moloo¹, M. Reilly¹, I. Raiche¹, L. Williams¹; ¹Ottawa, ON, Canada; ²St John’s, NF, Canada

All e-poster presenters are noted with an *.
12:35 pm  Surgical and Endoscopic Interventions After Emergent Presentations of Colorectal Cancer  P478
Y. Zerhouni*, A.H. Haider¹, J. Goldberg¹, J. Irani¹, R. Bleday¹, N. Melnitchouk¹; ¹Boston, MA

12:40 pm  Inferior Mesenteric Vein First Approach to Inferior Mesenteric Artery Dissection in Laparoscopic Anterior Resection  P479
A. Pai*, S. Paul¹, S.J. Marecik², J. Park²; ¹Chennai, Tamilnadu, India; ²Chicago, IL

12:45 pm  Pilot Study of Neoadjuvant Chemotherapy With Three Cycles of CAPOX for Treatment of Locally Advanced Colon Cancer  P480
S. Park*, J. Park¹, H. Kim¹, G. Choi¹; ¹Daegu, Korea (the Republic of)

Tuesday, May 22
Monitor #9 – Outcomes

Co-moderators: Jennifer Leinicke, MD, Omaha, NE
Shankar Raman, MD, Des Moines, IA

11:40 am  The Relationship Between Race and Established Risk Factors for the Delay of Adjuvant Therapy in Rectal Cancer  P481
A. Talukder*, M. Young¹, V.H. Hooks², A.B. Mitchell¹, D. Albo¹, R. King¹; ¹Augusta, GA; ²Augusta, GA

11:45 am  Robotic Conversion Rates- One Center’s Experience  P482
J. Hsu*, K.D. Donohue¹, N. Maloney Patel¹; ¹North Brunswick, NJ

11:50 am  Readmission Following Elective Colorectal Surgery: What Happens in the Hospital Matters  P483
C. Hamsberger³, A. Wyman¹, J. Davids¹, P. Sturrock¹, J. Maykel¹, K. Alavi¹; ¹Worcester, MA

11:55 am  A Novel, Evidence-Based Smoking Cessation Program in an Outpatient Colorectal Surgery Clinic: 1-Year Outcomes  P484
J. Sadek*, P. Belanger², K. Nadeau², R. Musselman¹, K. Mullen¹, L. Williams¹, I. Raiche¹, H. Moloo¹; ¹Ottawa, ON, Canada

Noon  Male Gender Is the Single Most Important Risk Factor for Anastomotic Leak After Rectal Resection  P485
A.M. Al-Mazrou¹*, G. Yu¹, H. Zhang¹, R.P. Kiran¹; ¹New York, NY

12:05 pm  Prolonged Opioid Use After Anorectal Versus Abdominal Colorectal Operations: Who Is at Risk?  P486
C. Kin*, L.A. Sceats¹, N. Kamdar¹, A. Shelton⁵, N. Kiriluk¹, B.H. Gurland¹, A.M. Morris¹; ¹Stanford, CA

12:10 pm  Early Versus Late Unplanned Reoperation After Elective Colorectal Resection  P487
M. Hanna*, A.M. Al-Mazrou¹, B. Kuritzkes¹, J.M. Kiely¹, D. Feingold¹, R. Kiran¹, S. Lee-Kong¹; ¹New York, NY

12:15 pm  Effects of the Topic Application of Sucralfate: Proteins of Adherens Junctions in an Experimental Model of Distension Colitis  P488
B.Z. Freitas*, J.A. Pereira¹, F.C. Campos¹, D.T. Kanno¹, C.R. Martinez¹; ¹Bragança Paulista, São Paulo, Brazil

12:20 pm  Prevalence and Burden of Opioid-Induced Respiratory Depression and Postoperative Nausea/Vomiting Associated With the Treatment of Acute Postoperative Pain Following General/Colorectal Surgery  P489
A.J. Senagore*, G.M. Oderda³, K. Morland³, S.U. Iqbal³, M. Kugel³, S. Liu³, A.S. Habib³; ¹Galveston, TX; ²Salt Lake City, UT; ³Palm Harbor, FL; ⁴Chesterbrook, PA; ⁵Durham, NC

12:25 pm  Laparoscopic Splenic Flexure Mobilization for Sigmoid or Rectal Resections: A Systematic Review and Meta-analysis of Observational Studies  P490
H. Lee*, A. Dyatlov¹, A. Chudner¹, M. Gachabayov¹, R. Bergamaschi¹; ¹Valhalla, NY

12:30 pm  Influence of Obesity on Surgery for Diverticulitis  P491
O. Beresneva*, J. Hall¹, S. Rao¹; ¹Boston, MA

12:35 pm  ACS-NSQIP Risk Calculator Predicts Cohort but No Individual Risk of Complication Following Colorectal Resection  P492
L.Z. Hyde*, N. Valizadeh¹, A.M. Al-Mazrou¹, R. Kiran¹; ¹New York, NY

12:40 pm  Single Incision Laparoscopic Colectomy Is Equivalent to Multiport Laparoscopic Resection but Offers Little Benefit to Switching Technique  P493
G. Ong¹, E. Fitz*, D. Maun¹, T. Reidy¹, F. Lane¹, R. Melbert¹, O. Johansen¹, B. Tsai¹; ¹Indianapolis, IN

All e-poster presenters are noted with an *.
12:45 pm  Analysis of Splenic Flexure Vascular Anatomy Using 3-Dimensional CT Angiography  
E. Post Er prEsEntations  

Tuesday, May 22
Monitor #10 – Outcomes

Co-moderators: Surya Nalamati, MD, Detroit, MI
George Nassif, Jr., DO, Orlando, FL

11:40 am  Elective Versus Emergency Surgery for Diverticulitis in Immunosuppressed Patients: Risks Aren’t the Same for Everyone  
P495
J. Idrees*, N.E. Brooks, N. Zaza, E. Steinhagen, S.L. Stein; 1Cleveland, Oh

11:45 am  Decreasing Surgical Site Infections: Implementation of a Colorectal Bundle  
P496
M.B. Huck*, K. Chouliaras, B. Levine, P. Shen; 1Allentown, PA; 2Winston Salem, NC

11:50 am  Post-discharge Patient Phone Calls: Preventing Readmission Following Elective Colon and Rectal Surgery  
P497

11:55 am  Can Perioperative Ketamine Mitigate the Negative Effects of Chronic Narcotics in Elective Colorectal Surgery Patients?  
P498
A. Wilkes*, J.W. Ogilvie, M. Luchtelfeld, M. Dull, D. Hobbs; 1Grand Rapids, MI

Noon  Safety of Oliceridine, a G Protein-Biased Ligand at the µ-Opioid Receptor, in Patients With Moderate-to-Severe Acute Pain After Colorectal Surgery: Results From a Phase-3, Open-Label Study  
P499
S. Bergese*, K. Cochrane, F. Skobieranda; 1Columbus, OH; 2Chesterbrook, PA

12:05 pm  Preoperative Oral Immunonutritional Supplementation Improves Outcomes in Patients Undergoing Major Colorectal Procedures  
P500
R. Mittal*, A. Beauchamp, J.W. Ogilvie; 1Grand Rapids, MI

12:10 pm  Alvimopan Significantly Reduces Length of Stay and Costs Following Colorectal Resection and Ostomy Reversal Even Within an Enhanced Recovery Protocol  
P501

12:15 pm  Robotic Colorectal Surgery in the Elderly: A Promising Option  
P502
C.R. Richards*, A.T. Schlussel, M.B. Lustik, J.M. Piaggione, S.M. Gillern; 1Honolulu, HI; 2Tacoma, WA

12:20 pm  Salvage Surgery for Failed Colorectal or Coloanal Anastomosis After Total Mesorectal Excision for Rectal Cancer: A Retrospective Analysis of 51 Patients  
P503
I. Mizrahi*, A. Ioannidis, M. Abu-Gazala, S. Wexner; 1Winston Salem, NC

12:25 pm  The Utility of the Delphi Process in Defining Anastomotic Leak Following Colorectal Surgery  
P504

12:30 pm  Colorectal Infections and Bundle Block: When Bundles Are Not the Answer  
P505
Z.O. Jones*, R. McKee, L. Lucero, C. Fiser, J. Blewett, L. Kenna; 1Albuquerque, NM

12:35 pm  Primary Anastomosis Versus Nonrestorative Colonic Resection for Perforated Diverticulitis With Peritonitis: A Patient-level Pooled Analysis of Randomized Trials  
P506
J. Tuech, G.A. Bindia, C.E. Oberkofler, D. Hanloser, C. Sabbagh, M. Gachabayov, R. Bergamaschi, 1Rouen, France; 2Genoa, Italy; 3Zurich, Switzerland; 4Lausanne, Switzerland; 5Amiens, France; 6Valhalla, NY

P507
D.J. Gunnell*, G. L Gloss, S. Kennedy, D.I. Chiu, M. Morris; 1Birmingham, AL

12:45 pm  Laparoscopic Approach Is associated With Improved 30-day Outcomes for Colonic J-Pouch  
P508
A. Klinger*, H. Green, D.E. Beck, B. Kann, C. Whitlow, D.A. Margolin, H. Vargas; 1New Orleans, LA

All e-poster presenters are noted with an *.
Tuesday, May 22
Monitor #11 – Outcomes

Co-moderators: Avinash Bhakta, MD, Lexington, KY
Scott Regenbogen, MD, Ann Arbor, MI

11:40 am Robotic Total Mesorectal Excision Optimizes the Pathologic Outcome in Overweight Males With Low Rectal Cancer. An Analysis of 836 Cases
P509
A. Chudner*, M. Gachabayov, A. Dyatlov, H. Lee, R. Bergamaschi; 1Valhalla, NY

11:45 am Perineal Wound Complications After Initiation of Closed Incision Negative Pressure Therapy in Patients Undergoing APR: A Comparative Study
P510
A. Rather*, A. Fisher, R. Nedelcovicu, E. Alexander; 1Dover, DE

11:50 am Colectomy and Urinary Retention: What’s the Hold Up?
P511
M. Lin, J.C. Hsieh, S.Y. Chao; 1Flushing, NY, 2Ames, IA

11:55 am Impact of Obesity on Postoperative Wound Infections in Diabetic Patients After Colorectal Surgery
P512
A.C. Gasior*, A. Hinton, C. Zhang, S. Husain; 1Columbus, OH; 2Columbus, OH

Noon From Laparoscopic to Robotic Right Hemicolecotomies With Intra-corporeal Anastomosis – Should We Convert?
P513
A. El-Sedfy*, S. Webb, S. Nalamati; 1Detroit, MI

12:05 pm Development of a Local Recurrence Prediction Tool After Rectal Cancer Surgery
P514
M. Delisle, R.M. Helewa, J. Park, D. Hochman, M. Nashed, A. McKay; 1Winnipeg, MB, Canada

12:10 pm Anorectal Melanoma: Radical Resection an Appropriate Option
P515
W.C. Chapman*, S. Jayarajan, M. Silviera, S. Hunt, S. Glasgow, P. Wise, M. Mutch; 1St. Louis, MO

12:15 pm Surgical Site Infection in Elective Colon & Rectal Resections: Effect of Oral Antibiotics
P516
A. Ghuman*, N. Kasteel, C.J. Brown, A.A. Kariimuddin, M.J. Raval, T. Phang; 1Abbotsford, BC, Canada; 2Vancouver, BC, Canada

12:20 pm Mortality and Readmission Risk Factors Following Surgery for Enteric Fistulas
P517
M. Giglia*, L. Goss, S.L. Stein, D.I. Chu; 1Cleveland, OH; 2Birmingham, AL

12:25 pm Comparison of Laparoscopy and Open Surgery for Colorectal Cancer in Octogenarians
P518
H. Aydini*, H.T. Kirat, M. Grieco, F. Remzi; 1New York, NY

12:30 pm Node Positivity and Waiting Period May Predict Tumor Scatter in Irradiated Rectal Cancers
P519

12:35 pm Conquering the Myth – Robotics Is Not More Expensive Than Laparoscopy Alone in Colorectal Surgery
P520
L. Rashidi*, O. Nunez-Lopez, V. Collins, C. Shah, A. Gajjar, G. Gomez; 1Galveston, TX; 2Seattle, WA

12:40 pm Bringing Geriatrics Onto the Colorectal Surgery Team: Decreased Medical Complications and Cost
P521
S. Cizginer*, S. Schechter, E. Prohl, F.G. Monteiro, A. Klipfel, M. Vrees, L. McNicoll; 1Providence, RI

12:45 pm The Role of Preoperative Bowel Preparation in Cases With Ostomy Creation After Colectomy. A Retrospective Analysis of ACS-NSQIP
P522
A. El-Sedfy*, I. Rubinfeld, A. Stefanou; 1Detroit, MI

Tuesday, May 22
Monitor #12 – Outcomes

Co-moderators: Dorin Colibaseanu, MD, Jacksonville, FL
Amy Lightner, MD, Rochester, MN

11:40 am Outcomes After Colon Surgery Based on Wound Classification. A Retrospective Nationwide Analysis
P523
A. El-Sedfy*, I. Rubinfeld, A. Stefanou; 1Detroit, MI

11:45 am Surgery for Sigmoid Volvulus: Is Laparoscopy Beneficial?
P524
E.C. Poli*, K.B. Skowron, J. Dignam, L.M. Cannon, B.D. Shogan, K. Umanskiy, N. Hyman, R. Smith; 1Chicago, IL

All e-poster presenters are noted with an *.
### E-Poster Presentations

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<tr>
<td>11:50 am</td>
<td>Incisional Hernias After Laparoscopic Right Hemicolecotomies: Does Specimen Extraction Site Alter the Risk?</td>
<td>D.M. Christian*, T. Kuwada¹, K. Thompson¹; ¹Charlotte, NC</td>
<td>¹Charlotte, NC</td>
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<tr>
<td>11:55 am</td>
<td>Surgical Outcomes After the Administration of Neo-adjuvant Chemoradiotherapy for Upper Rectal Cancers</td>
<td>E.C. Poli*, E. Huang¹, K.B. Skowron¹, L.M. Cannon¹, N. Hyman¹, R. Smith¹; ¹Chicago, IL</td>
<td>¹Chicago, IL</td>
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<tr>
<td>Noon</td>
<td>The Impact of Surgical Approach on Segmental Colectomy Outcomes as Analyzed in a Large Population Controlled Database</td>
<td>P. Pourghaderi*, L. Rashidi², L. Mansfield³, C. Guetter⁴, ¹Denton, TX; ²Galveston, TX; ³Boston, MA; ⁴Curitiba, Brazil</td>
<td>¹Denton, TX; ²Galveston, TX; ³Boston, MA; ⁴Curitiba, Brazil</td>
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<tr>
<td>12:05 pm</td>
<td>Project CLOT (Central Line, Out of Bed, and Transfers): Identifying High Value Targets for Reduction of Postoperative Venous Thromboembolism</td>
<td>A. Damle*, D.R. Rosen¹, C. Atallah¹, S. Glasgow¹, S.R. Hunt¹, M. Mutch¹, P. Wise¹, M. Silviera¹; ¹St. Louis, MO</td>
<td>¹St. Louis, MO</td>
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<td>12:10 pm</td>
<td>Changing the Culture of the Institution Through Standardized Enhanced Recovery After Surgery (ERAS) Protocol in Colorectal Surgery Patients</td>
<td>V. Rodriguez-Rapale*, G. Ramos-Gonzalez¹, A. Schone², K. Freyre², I. Iriarte², H. Soler-Bernardini²; ¹Coamo, Puerto Rico; ²Ponce, Puerto Rico</td>
<td>¹Coamo, Puerto Rico; ²Ponce, Puerto Rico</td>
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<tr>
<td>12:15 pm</td>
<td>A Comparison of Age and Molecular Profiling in Colorectal Cancer Patients</td>
<td>J. Purchla*, F. Lambreton¹, N. Nweze¹, N. Goel¹, E. Lamb¹, S. Reddy¹, E. Sigurdson¹, J. Farma¹; ¹Philadelphia, PA</td>
<td>¹Philadelphia, PA</td>
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<tr>
<td>12:20 pm</td>
<td>Intrathecal (IT) Analgesia: A Safe, Reliable, and Effective Pain Modality Within a Laparoscopic Colorectal Enhanced Recovery Program (ERP)</td>
<td>M.X. Kiely*, O. Nitu¹, A.V. Hayman¹, B.B. Chesebro¹; ¹Portland, OR</td>
<td>¹Portland, OR</td>
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<tr>
<td>12:25 pm</td>
<td>Transanal Excision for T2 or Greater Rectal Cancer Has Favorable Outcomes: A Retrospective Analysis</td>
<td>J. Guardado*, B. Mahler¹, J. Salgado¹, C. James¹, D. Medich¹, J. Holder-Murray¹; ¹Pittsburgh, PA</td>
<td>¹Pittsburgh, PA</td>
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<td>12:30 pm</td>
<td>Is There a Role for Routine, Office-based Flexible Sigmoidoscopy to Evaluate Left-sided Colorectal Anastomoses?</td>
<td>S. Luka*, K. Wilkins¹, B. Chinn¹, J. Calata¹, J. Notaro¹, S. Alva¹; ¹New Brunswick, NJ</td>
<td>¹New Brunswick, NJ</td>
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<tr>
<td>12:35 pm</td>
<td>Urinary Retention in Abdominoperineal Resection and Low Anterior Resection Patients on the Enhanced Recovery After Surgery Pathway</td>
<td>L. Saadat*, A.C. Fields¹, N. Melnitchouk¹, J. Irani¹, R. Bleday¹, J. Goldberg¹; ¹Boston, MA</td>
<td>¹Boston, MA</td>
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<td>12:40 pm</td>
<td>A Novel ERAS Protocol: The Quest for Narcotic-Free Colectomy</td>
<td>E.K. Groves*, E. Askenasy¹, K. Baysinger¹; ¹Houston, TX</td>
<td>¹Houston, TX</td>
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<td>12:45 pm</td>
<td>Rising Use of Robotics in Colorectal Surgery Associated With Less in Open Procedures But No Change in Laparoscopic: An ACS NSQIP Database Analysis</td>
<td>B. MacLaughlin*, K. Baysinger¹, M.J. Snyder¹, J. Cali¹; ¹Houston, TX</td>
<td>¹Houston, TX</td>
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**Tuesday, May 22**

**Monitor #13 – Benign Disease & Outcomes**

*Co-moderators: Nitin Mishra, MD, Phoenix, AZ
Shreya Shetty, MD, Phoenix, AZ*

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<tr>
<td>11:40 am</td>
<td>Negative Pressure Wound Therapy Is Beneficial in the Treatment of Pilonidal Disease With Excision and Primary Closure</td>
<td>D. Rivadeneira¹, J. Lei¹, T. Adegboyega¹, S. Shih¹, M. Berroes¹, S. Purdy¹; ¹Huntington, NY</td>
<td>¹Huntington, NY</td>
</tr>
<tr>
<td>11:45 am</td>
<td>Anal Abscess Management Strategy to Reduce the Incidence of Anal Canal Fistula Formation</td>
<td>M.A. Rosado*, G. Galicia¹; ¹Mexico City, Mexico</td>
<td>¹Mexico City, Mexico</td>
</tr>
<tr>
<td>11:50 am</td>
<td>Formal Adoption of Cancer Quality Metrics Can Reduce Disparities Between Cancer Centers</td>
<td>A.E. Kanters¹, S. Shubeck¹, A.G. Antunez¹, S. Regenbogen¹; ¹Ypsilanti, MI</td>
<td>¹Ypsilanti, MI</td>
</tr>
</tbody>
</table>

All e-poster presenters are noted with an *.
### E-Poster Presentations

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<th>Authors</th>
<th>Location</th>
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<tr>
<td>Noon</td>
<td>Insurance Status and 30-day Readmissions After Colectomies: An Analysis of National Readmissions Database</td>
<td>Changoo*, E. Nembhard, Shah, Ortega, Ford, Washington, DC</td>
<td></td>
</tr>
<tr>
<td>11:55 am</td>
<td>Perioperative Outcomes of Older Adults Undergoing Elective Curative Resection for Rectal Cancer</td>
<td>Lipson*, Rochon, Deardon, Heine, MacLean, Tang, Buie, Calgary, AB, Canada</td>
<td></td>
</tr>
<tr>
<td>Noon</td>
<td>Does It Measure Up: Comparing Pelvic MRI to Rigid Proctoscopy for Measuring Distance to Anal Verge</td>
<td>Miller*, Das, Houston, TX</td>
<td></td>
</tr>
<tr>
<td>12:05 pm</td>
<td>Rectal Obstruction and Fecal Incontinence Secondary to a Primary Urothelial Cancer of the Urinary Bladder</td>
<td>Pena, Luebbers, Feigl, Edinburg, TX</td>
<td></td>
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<tr>
<td>12:10 pm</td>
<td>Home to Stay: An Integrated Monitoring System Using a Mobile App to Support Patients at Home Following Colorectal Surgery</td>
<td>Keng, Goriawala, Rashid, Schmocker, Easson, Kennedy, Toronto, ON, Canada</td>
<td></td>
</tr>
<tr>
<td>12:10 pm</td>
<td>Colectomies Are Safe in the Appropriate Nonagenarian Diagnosed With Colon Cancer</td>
<td>Mueller*, Tadaki, Honolulu, HI</td>
<td></td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Accuracy of the Revised Bethesda Criteria for Detection of Mismatch Repair Protein Loss in a Chilean Population</td>
<td>Quezada*, Gomez, Fulle, Villalon, Castillo, Kusanovich, Torres, Bellolio, Santiago, Region Metropolitana, Chile</td>
<td></td>
</tr>
</tbody>
</table>

**Tuesday, May 22**  
Monitor #14 – Neoplastic Disease

**Co-moderators:** Rebecca Rhee, MD, Brooklyn, NY  
Patrick Sullivan, MD, Atlanta, GA

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:40 am</td>
<td>Increase Incidence of Young Patients With Rectal Cancer in a Single Surgeon Experience</td>
<td>Ky, Wang, Miyasaka, New York, NY</td>
<td></td>
</tr>
<tr>
<td>11:45 am</td>
<td>A Decision Analysis for Locally Advanced Rectal Cancer in Patients With HNPCC: Total Proctocolectomy With Ileal Pouch-Anal Anastomosis Versus Low Anterior Resection</td>
<td>Goldberg*, Saadat, Fields, Senturk, Irani, Bleday, Melnitchouk, Boston, MA</td>
<td></td>
</tr>
</tbody>
</table>

*All e-poster presenters are noted with an *. 
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All identified conflicts of interest have been resolved.

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Product Theaters are commercial presentations organized by Industry and designed to enhance your learning experience. The following sessions will be presented on Monday and Tuesday during the lunch and refreshment breaks in Exhibit Hall B (Level 3).

**Monday, May 21**

11:35 am – 12:45 pm

*Supported by THD America Inc.*

**Advanced Solutions for the Colorectal Surgeon**

THD America will present their principal product lines for colorectal surgeons.
- THD ProctoStation: the only fully dedicated platform for screening and treatment of anal dysplasia and cancer.
- THD Anopress: the first anal manometry system for clinical use.
- THD Doppler: the minimally invasive surgical treatment of hemorrhoidal disease.

Also, visit THD America Inc. at **Booth #415**

3:35 – 4:00 pm

*Supported by Boston Scientific*

**ELSI | The Future of EndoLuminal Surgical Interventions**

*Presented by:*

Sang Lee, MD

New technologies are on the horizon – poised to create an inflection point in Endoluminal Surgery. Hear about what’s new in minimally invasive approaches to help make colorectal resection easier, safer, faster and with enhanced patient recovery.

Also, visit Boston Scientific at **Booth #116**
Product Theaters are commercial presentations organized by Industry and designed to enhance your learning experience. The following sessions will be presented on Monday and Tuesday during the lunch and refreshment breaks in Exhibit Hall B (Level 3).

Tuesday, May 22

11:35 am – 1:00 pm

**Supported by Clinical Genomics**

**COLVERA™: A New ctDNA Blood Test to Detect Residual Disease Post-Resection in Colorectal Cancer Patients**

*Presented by:*
Lawrence LaPointe, PhD  
Tadd Lazarus, MD  
Roberto Rodriguez Ruesga, MD

The role of COLVERA and two methylated genes (BCAT1/IKZF1) to detect disease in the pre and post-surgical settings for patients who have been diagnosed with colorectal cancer.

Also, visit Clinical Genomics at **Booth #610**
Exhibition Hall and Exhibitor Disclaimer

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ASCRS Product/Service Endorsement Policy

It is the policy of the American Society of Colon & Rectal Surgeons not to endorse commercial products or services.
11 Health offers the world’s first digital solution for Ostomy Patients. We are a digital platform offering connected care for patients who live with challenging chronic conditions and use medical bags.

Adler MicroMed, Inc. will offer video demonstrations of the neoLaser soft tissue diode laser cleared for laser ablation of Pilonidal Sinus, Anal Fistulae and Level 3 and 4 Hemorrhoids. The laser on display is offered on a “Cost per Case” basis with the national Laser service company, Fortec Medical, Inc. or through direct purchase. In addition, a full line of Colorectal disposable Hemorrhoid Banding Ligators, Anoscopes, Proctoscopes and Rectoscopes from the quality SapiMed line will be on display.

Aesculap, Inc., a B. Braun company, is part of a 180-year-old global organization focused on meeting the needs of an ever-changing healthcare community. Through close collaboration with its customers, Aesculap provides industry leading technologies that include the Caiman® Vessel Sealers and a comprehensive line of laparoscopic instrumentation. Aesculap continues a proud heritage of leadership and responsiveness and strives to deliver products and services that improve the quality of patients’ lives. For more information on Aesculap’s laparoscopic portfolio, call 800-282-9000 or visit www.aesculapusa.com/products/surgical-instruments/laparoscopy

Allergan develops and markets innovative tissue repair products for reconstructive, plastic, and general surgery. STRATTICE™ Reconstructive Tissue Matrix is indicated for use as a soft tissue patch to reinforce soft tissue where weakness exists, and for the surgical repair of damaged or ruptured soft tissue membranes. Indications for use include the repair of hernias and/or body wall defects which require the use of reinforcing or bridging material to obtain the desired surgical outcome.
The National Accreditation Program for Rectal Cancer (NAPRC) was developed through collaboration between The OSTRiCh Consortium (Optimizing the Surgical Treatment of Rectal Cancer) and the Commission on Cancer (CoC), a quality program of the American College of Surgeons. The NAPRC’s goal is to ensure patients with rectal cancer receive appropriate care using a multidisciplinary approach. The NAPRC is based on successful international models that emphasize:

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22872 Avenida Empresa
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Website: www.appliedmedical.com

Applied Medical is dedicated to developing and providing technologies that enable advanced surgical procedures and optimize patient outcomes. It is our mission to achieve this while also reducing healthcare costs and offering unrestricted choice. Applied is committed to advancing minimally invasive surgery by offering clinical solutions and sophisticated training, including workshops, symposia and our simulation-based training programs.

**Automated Medical Products Corp**

P O Box 759
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Phone: (732) 602-7717
Fax: (732) 602-7706
Website: www.ironintern.com
Contact Email: sales@ironintern.com

Automated Medical Products Corp. develops, manufactures and distributes surgical instruments. Its principle product is the Automatic Retractor Holder the Iron Intern®, a single and a double arm that simulates the function of a human arm, but is always steady. The Iron Intern® is a perfect choice for any type of surgery including laparoscopic and bariatric. The Stieber Rib Grip Kit is our perfect solution for superior exposure in open abdomen surgery. We were the first company to introduce Nathanson Hook Liver Retractors to the U.S. market. The Iron Intern® has become the leader in bariatric surgery.

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BK Ultrasound systems are the leading choice for colorectal procedures. Offering premium performance in small, lightweight systems, our bk5000 and bk3000 systems as well as our Flex Focus systems are designed to help you clearly visualize the anal canal and rectum. Our easy-to-use anorectal transducers provide complete 360-degree imaging and encapsulated automatic 3D, enabling you to image the layers of the rectal wall, see the extent of fistula tracts, visualize rectal tumors and assess anal sphincter tears. Our dedicated solutions help you plan treatment with increased diagnostic confidence.
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Booth 116

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Boston Scientific is dedicated to transforming patient lives by developing diagnostic and therapeutic devices that support less invasive, more efficient procedures for a variety of GI conditions. Through innovation and partnership, we are advancing important clinical research, supporting education programs and helping healthcare institutions deliver high quality healthcare while managing costs.

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Clinical Genomics

Booth 610

1031 US Highway 202/206, Suite 100
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Phone: (855) 870-0096
Website: www.colveratest.com

Clinical Genomics is a leading provider of colorectal cancer testing and solutions offering COLVERA™, a new liquid biopsy test identifying circulating tumor DNA for detection of minimal residual disease post-surgical resection and recurrence in post treatment patients, and InSure® ONE™, a one sample fecal immunochemical test used in screening programs to detect lower GI bleeding in healthy adults. Clinical Genomics is committed to providing physicians with information to guide earlier and better treatment decisions in cancer care management, and continues to apply its proprietary innovation in molecular pathology to commercialize other diagnostic tools in other cancer types.

Coloplast

Booth 309

1601 W River Rd
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Website: www.coloplast.us

Coloplast develops products and services that make life easier for people with very personal and private medical conditions. Working closely with the people who use our products, we create solutions that are sensitive to their special needs. We call this intimate healthcare. Our business includes ostomy care, urology and continence care, and wound and skin care.
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CooperSurgical will be highlighting our range of products including the Carter-Thomason Closure System for Laparoscopic Port Site Closure, and our LoneStar Colorectal Retractor System, Please see us at Booth # 315

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**Creo Medical, Ltd.**

Block B Beaufort Park  
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United Kingdom  
Phone: 44 1291 643937  
Website: creomedical.com

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**CS Surgical, Inc.**

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General Surgery News is a monthly newspaper designed to keep surgeons abreast of the latest developments in the field online, in print and around the world. The publication features extensive meeting coverage, analysis of journal articles, educational reviews, and information on new drugs and products.

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Website: www.intuitivesurgical.com

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Invuity, Inc. is a medical technology company focused on developing and marketing advanced photonics devices to improve the ability of surgeons to illuminate and visualize the surgical cavity during open minimal access surgery. The company’s patented Intelligent Photonics® technology enables enhanced surgical precision, efficiency and safety by providing superior visualization. Clinical applications include breast and thyroid oncology, plastic reconstructive, spine, orthopedic, cardiothoracic and general surgery among others. Invuity is headquartered in San Francisco, CA. For more information, visit www.invuity.com

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Website: www.karlstorz.com

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Fax: (617) 977-5972  
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Contact Name: Holly Fondots  
Contact Email: hollyf@aol.com

Kyra Medical’s innovative stirrup provides unparalleled pelvic site access during robot assisted surgical procedures.

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LABORIE takes great pride in improving patients’ lives through innovations in pelvic floor and gastroenterology diagnostic and treatment options. LABORIE’s GI product line includes Ambulatory Impedance-pH recorders for diagnosing GERD and advanced manometry solutions for esophageal and anorectal manometry studies.

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Website: www.medicalsolutionstechnologies.com

Medrobotics Corp
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Website: www.medrobotics.com
Contact Email: customerservice@medrobotics.com

Medrobotics manufactures and markets the Flex® Robotic System, the world’s first robotic surgical platform with a steerable and shapeable robotic scope. The Flex® Robotic System offers surgeons the unique ability to navigate complex anatomy through a single, small entry point while operating in hard-to-reach anatomical locations that might otherwise be inaccessible with straight, rigid surgical tools. The Company’s vision is to provide more patients with access to Scarfree™ surgical options. Medrobotics received FDA clearances for the Flex® Robotic System for ENT applications in July 2015 and for colorectal surgery in May 2017. The CE mark was issued in March 2014.

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United Ostomy Associations of America, Inc.

PO Box 525
Kennebunk, ME 04043
Phone: (800) 826-0826
Fax: (888) 747-9655
Website: www.ostomy.org

United Ostomy Associations of America, Inc. (UOAA) promotes quality of life for people with ostomies and continent diversions through information, support, advocacy and collaboration. Our 300+ Affiliated Support Groups in the United States provide vital peer support for patients and caregivers alike.

UOAA works toward a society where people with ostomies and intestinal or urinary diversions are universally accepted and supported socially, economically, medically, and psychologically. Visit us at Booth #402 to learn more about working together to enhance the quality of life for all who have or may have surgery!

Zinnanti Surgical Design Group, Inc.

343 Soquel Ave. Suite 409
Santa Cruz, CA 95062
Phone: (800) 459-1389
Fax: (800) 459-1389
Website: http://www.zinnantisurgical.com/

Zinnanti Surgical Design Group, Inc. combines experience in device development, medical training and research. We create innovative surgical devices that improve safety, effectiveness and efficiency. We specialize in developing devices with dual function. Our patented design technology, “Smoke-Evac Fusion”, suction both smoke and fluids directly through the active electrode for all types of surgery.

Wolters Kluwer

Two Commerce Square
Philadelphia, PA 19103
Phone: (215) 521-8300
Fax: (215) 814-8911
Website: www.shop.lww.com
Contact Email: customerservice@lww.com

Wolters Kluwer Health is a leading global provider of medical information and point of care solutions for the healthcare industry. Our solutions are designed to help professionals build clinical competency and improve practice so that healthcare organizations can succeed in value-based care delivery models. We offer premier medical, nursing and allied health content; clinical decision support tools; drug information and patient surveillance; structured documentation and coding; healthcare terminology, data management and systems interoperability solutions; precision medical research tools; and continuing medical education solutions. Our leading product solutions include Lippincott, Ovid®, UpToDate®, and others.

ViOptix, Inc.

39655 Eureka Drive
Newark, CA 94560
Phone: (510) 226-5860
Fax: (510) 226-5864
Website: www.vioptix.com
Contact Name: Mark Lonsinger
Contact Email: lonsingerm@vioptix.com

ViOptix is the recognized leader in real-time measurement of tissue viability. We give clinicians a revolutionary new capability – to obtain non-invasive, objective, real-time measurement of oxygen saturation (StO2) in the soft tissues affected by many surgical procedures – to help improve patient surgical outcomes by detecting problems before symptoms are visible.
LEVEL 4
• General Sessions
• Speaker Ready Room

LEVEL 3
• Exhibits
• E-posters
• Product Theater

LEVEL 2
• Registration
• Coat Check

LEVEL 1M

LEVEL 1
The primary mission of the Research Foundation of the American Society of Colon and Rectal Surgeons is to raise and award funds to support research and educational programs related to colon and rectal diseases. During the 2017-2018 year, the Foundation awarded over $418,000 in research grants.

The Research Foundation Meet the Challenge Campaign – held during Sunday’s Welcome Reception and throughout the 2018 Annual Meeting – challenges attendees to donate to the Foundation to support colorectal research and the future of the specialty. Donation forms will be available at the Welcome Reception and throughout the meeting at the Research Foundation table.

The Research Foundation would like to thank the Regional Societies who have generously donated to the 2018 Meet the Challenge Campaign:

- Chicago Society of Colon and Rectal Surgeons
- Michigan Society of Colon and Rectal Surgeons
- Midwest Society of Colon and Rectal Surgeons
- New England Society of Colon and Rectal Surgeons
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Visit the Online Learning Center at www.fascrs.org
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Cleveland Convention Center
Cleveland, OH

June 6 – 10, 2020
Hynes Convention Center
Boston, MA

April 24 – 28, 2021
San Diego Convention Center
San Diego, CA

April 30 – May 4, 2022
Tampa Convention Center
Tampa, FL

June 3 – 7, 2023
Washington State Convention Center
Seattle, WA

ASCRS
The American Society of Colon & Rectal Surgeons

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