Rectal Cancer
Surgical Education Institute

Preliminary Program
September 2019 to May 2020

Intended For Fellows and Early Career Surgeons

in collaboration with

The Michener Institute of Education at UHN
UHN
UHN General & Western Hospital Foundation
UHN The Princess Margaret Cancer Foundation
On behalf of our Program Committee, it is my pleasure and privilege to welcome you to the inaugural Rectal Cancer Surgical Education Institute!

The overall objective of the Rectal Cancer Surgical Education Institute (ReCSEI) is to advance the practice of fellows and surgeons early in their career, with a clinical focus in the management of rectal cancer. Through our innovative and hybrid course and symposium structure, we plan on introducing and reviewing the latest technical innovations, research, and best practices in the field. The program will be open to a wide audience of colorectal surgery and surgical oncology fellows and surgeons, from across North America.

Our local, national and international speakers will discuss the most recent advances in the management of rectal cancer, highlighted in our appended program. Topics will include a discussion of current and evolving guidelines, changes in the neoadjuvant paradigm of treatment, nonoperative management of complete responders, with multiples MDT scenarios and video-based discussions of technical advances and tips.

We have developed a web-based and in-person curriculum designed by fellows and surgeons in practice with didactic sessions, case-based learning and multidisciplinary tumour boards (MDT), video symposia for technical discussions and interactive patient panels. Using our three-module, longitudinal approach, our goal is to close the gap between education and practice, with the ultimate objective of optimizing the outcomes and experience of our patients through their journey with rectal cancer.

Our 9-month curriculum begins in September, centered around our in-person symposium in Toronto from October 18-20, 2019.

Our team is here to assist you in any way and answer your questions. Please do not hesitate to reach out to us at ReCSEI@michener.ca. We look forward to seeing you here in Toronto!

Dr. Sami Chadi MD
Chair, Rectal Cancer Surgical Education Institute
www.michener.ca/recsei
Dear Friends and Colleagues,

Welcome to the Michener Institute of Education at the University Health Network (Michener) – Canada’s first education institute to be integrated with a hospital system.

The Rectal Cancer Surgical Education Institute (ReCSEI) is one of a suite of programs and courses at Michener that aims to drive the convergence of education, care and research, to advance our mission of Teaching and Learning for a Healthier World. This mission focuses our efforts to push the boundaries of teaching and learning in a system that is ever changing and responding to rapid advancements in innovations like simulation and artificial intelligence. ReCSEI pays specific attention to emergent trends and technologies influencing the landscape of rectal cancer surgery and the current treatments available for patient care.

As one part of a series of Surgical Education Institutes coming to Michener in the next year, this innovative approach to teaching and learning in surgery will showcase world leading expertise in rectal cancer surgery in a comprehensive learning pathway using both online and workshop-based activities. This exciting venture was made possible by a collaborative team of surgeons, clinical fellows, and educators who have fashioned a program, from which we hope the teachings can positively impact your practice.

Thank you for choosing Michener for your continuing professional development, and we wish you the best of success as you pursue your learning in ReCSEI!

Best regards,

Dr. Brian Hodges
Executive Vice President, Education
Chief Medical Officer
University Health Network

Dr. Allan Okrainec
Head, Division of General Surgery
Director, Temerty/Chang Telesimulation Centre
University Health Network
International Guest Speakers

Dr. Steven D. Wexner
Director, Digestive Disease Center
Chair, Department of Colorectal Surgery,
Cleveland Clinic Florida

Dr. Rodrigo Oliva Perez
Instituto Angelita & Joaquim Gama,
Ludwig Institute for Cancer Research,
Molecular Biology and Genomics Lab,
São Paulo Branch, Brazil

Dr. Yi-Qian Nancy You
Division of Surgical Oncology,
MD Anderson Cancer Centre, Texas USA

Dr. Joep Knol
Gastrointestinal and Abdominal Surgery
Jessa Hospital, Hasselt Belgium

Dr. Joshua Smith
Division of Colorectal Surgery
Memorial Sloan Kettering Cancer Centre,
New York, USA
Program Committee

Dr. Fayez Quereshy
Division of Surgical Oncology and General Surgery, University Health Network and Princess Margaret Cancer Centre
University of Toronto, Ontario, Canada

Dr. Erin Kennedy
Division of Surgical Oncology and General Surgery,
Sinai Health System and Princess Margaret Hospital,
University of Toronto, Ontario, Canada

Dr. Shady Ashamalla
Division of Surgical Oncology and General Surgery
Sunnybrook Health Sciences Centre – Odette Cancer Centre, Toronto Canada
University of Toronto, Ontario, Canada

Dr. Rebecca Prince
Department of Medical Oncology,
Princess Margaret Cancer Centre,
University Health Network, Toronto Canada
University of Toronto, Ontario, Canada

Dr. John Kim
Department of Radiation Oncology,
Princess Margaret Cancer Centre,
University Health Network, Toronto Canada
University of Toronto, Ontario, Canada

Dr. Marisa Louridas
Colorectal Surgery Fellow,
University of Toronto, Ontario, Canada

Dr. Tyler Chesney
Surgical Oncology Fellow,
University of Toronto, Toronto Canada

Dr. Trevor Wood
General Surgery Resident,
University of Toronto, Ontario, Canada

Karen Chaiton
Business Operations Lead for the EVP Office of Education at the Michener Institute of Education at UHN, Toronto Canada

Mohammad Salhia
Director of Continuing Education at the Michener Institute of Education at UHN, Toronto Canada

Dimitra Labrakos
Project Coordinator for the EVP Office of Education at the Michener Institute of Education at UHN, Toronto Canada
Course Agenda

Module 1: Pre-Symposium Activities
Intended to level-set participants with information about the latest surgical practices, issues and topics in the field of rectal cancer. Recorded Power-point slides, video, and print learning resources will be made available leveraging BlackBoard, the learning management system available through Michener. Content will be available throughout the ReCSEI for learners to access at any time, and as needed.

September 18 – October 17, 2019

Module 2: Live, Interactive Symposium
This will be conducted in person over 3 days and will assume all participants have a base-level knowledge of current rectal cancer surgical innovations discussed in Module 1. It will feature faculty lectures and case-based learning, using both print and video scenarios. Module 2 will be hosted in premium conference space at BMO Education and Conference Centre at Toronto Western Hospital. Lectures will be recorded and stored to BlackBoard as learning assets for participants to access for the duration of the program. The module will also include group discussion, a Patient Partners panel, and a multidisciplinary tumour board. A prominent panel of guest speakers, from colorectal surgery and surgical oncology, have been engaged representing a diverse global experience in treating rectal cancer to share their knowledge and expertise.

October 18 – October 20, 2019

<table>
<thead>
<tr>
<th>TIME</th>
<th>FRIDAY OCTOBER 18, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am - 8:30 am</td>
<td>BREAKFAST</td>
</tr>
<tr>
<td>8:00 am - 8:45 am</td>
<td>OPENING TALK</td>
</tr>
<tr>
<td></td>
<td>An Overview of the Current Landscape in Rectal Cancer</td>
</tr>
<tr>
<td>9 am - 11:10 am</td>
<td>SESSION 1: NEOADJUVANT THERAPY IN RECTAL CANCER</td>
</tr>
<tr>
<td></td>
<td>Indications of neoadjuvant &amp; adjuvant chemoradiation Therapy for rectal cancer</td>
</tr>
<tr>
<td></td>
<td>When do I change my approach – the short vs. long course debate</td>
</tr>
<tr>
<td></td>
<td>When is it safe to omit chemoradiation</td>
</tr>
<tr>
<td></td>
<td>How does Total Neoadjuvant Therapy fit in?</td>
</tr>
<tr>
<td></td>
<td>The stage 1 debate – chemoradiation or direct to surgery</td>
</tr>
<tr>
<td></td>
<td>When to operate early vs. delayed post-treatment options</td>
</tr>
<tr>
<td></td>
<td>Question &amp; Answer - panel discussion</td>
</tr>
<tr>
<td>11:10 am - 11:20 am</td>
<td>BREAK</td>
</tr>
<tr>
<td>11:20 am - 12:50 pm</td>
<td>SESSION 2: RADIOLOGY 101 IN RECTAL CANCER</td>
</tr>
<tr>
<td></td>
<td>An overview of reading a pelvic MRI for the surgeon</td>
</tr>
<tr>
<td></td>
<td>When to consider the use of endorectal imaging and its pitfalls – comparing and contrasting with MRI</td>
</tr>
</tbody>
</table>
SESSION 2: RADIOLOGY 101 IN RECTAL CANCER

- How and when to assess the response to neoadjuvant therapy
- How do you get your community to be engaged in optimizing rectal cancer protocols
- Question & Answer - panel discussion

LUNCH

SESSION 3: SURGICAL APPROACHES TO NON-METASTIC RECTAL CANCER

- Talk 1: Is Open TME surgery still the gold standard we should be focusing on?
- Talk 2: Laparoscopic approaches to rectal cancer: equivalent, non-inferior or a persistent debate
- Talk 3: Robotics: a potential solution to visualization and access, but does the evidence support it?
- Talk 4: Transanal approaches and TaTME: the answer to cost and access or a recipe for oncologic and functional impairment
- Talk 5: Fellow-led case based discussion proposing cases to panelists
- Question & Answer - MDT panel discussion

BREAK

VIDEO SESSION #1: SURGICAL APPROACHES TO NON-METASTATIC RECTAL CANCER

- Laparoscopic Rectal Dissection - My approach part 1
- Laparoscopic Rectal Dissection - My approach part 2
- Laparoscopic Splenic Flexure Mobilization
- Robotic approach to the Pelvis - Experience with pitfalls and how to avoid them
- Robotic approach to the Pelvis - Standardization and Efficiency
- TaTME - How I do it?
- TaTME - Pitfalls and Misadventures
- Laparoscopic sidewall dissection
- APR Prone
- Question & Answer - panel discussion

DINNER SOCIAL - EVENING ACTIVITY

SESSION 4: WATCH AND WAIT - NON-OPERATIVE MANAGEMENT

- What is the rationale for watch and wait: history of protocol development, challenges in implementation and creating a successful program
- Functional and oncologic outcomes of WW: what can I tell my patients with the current evidence
- How do I identify a response and surveil my patients: case based discussion of clinical, endoscopic and radiographic findings
- Management of the near-complete response and local regrowth: chemotherapy, local excision or TME?
- Offering your patient treatment options: what are you ethical obligations?
- Question & Answer - discussion
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION 5: RECTAL CANCER BEYOND THE TME (Debates)</th>
<th>SESSION 6: SPHINCTER PRESERVATION IN RECTAL CANCER SURGERY AND FUNCTIONAL OUTCOMES</th>
<th>BREAK</th>
<th>SESSION 7: PATIENT EXPERIENCE PANEL: QOL WITH LARS</th>
<th>BREAK</th>
<th>BREAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:35 am - 10:45 am</td>
<td>BREAK</td>
<td>Surgical management of the lateral nodes is optimal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45 am - 1:00 pm</td>
<td>SESSION 5: RECTAL CANCER BEYOND THE TME (Debates)</td>
<td>Radiation of the pelvic sidewall provides equivalent outcomes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rebuttal of surgical approach</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rebuttal of radiation approach</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Managing the recurrent rectal mass: principles in the assessment and management</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Question &amp; Answer - discussion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 pm - 2 pm</td>
<td>LUNCH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 pm - 3 pm</td>
<td>VIDEO SESSION 2: HOW TO GET OUT OF TROUBLE VIDEOS #2</td>
<td>Discussion with question and answers about difficulties in approaching the pelvis and practical tips on management (example - finding the ureter, pelvic bleeding, positive leak test, etc)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 pm - 4:15 pm</td>
<td>SESSION 6: SPHINCTER PRESERVATION IN RECTAL CANCER SURGERY AND FUNCTIONAL OUTCOMES</td>
<td>Dos and don’ts for ostomy creation, placement and care (and management of stoma complications)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>The anal sphincter – to preserve or not to preserve</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>When is quality of life better with a stoma? - present data and evidence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low anterior resection syndrome – identifying the patient at risk and the management options</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:15 pm - 4:30 pm</td>
<td>BREAK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30 pm - 5:30 pm</td>
<td>SESSION 7: PATIENT EXPERIENCE PANEL: QOL WITH LARS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:30 pm</td>
<td>END OF DAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sunday October 20, 2019**

**8:00 am - 10 am**

**SESSION 8: 6 LENSES TO THE PRINCIPLES IN THE MGMT OF STAGE 4 DISEASE**

Surgical principles in the sequence of treatment

The role and timing of chemotherapy

When and how can radiation improve our outcomes

Dealing with liver metastases - resectability, timing, and alternate options

Principles in assessing the patient with lung metastases

Evidence in management of peritoneal disease

Question & Answer - MDT panel discussion

**10 am - 10:15 am**

**BREAK**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 10:15 am - 1:00 pm | **SESSION 9: CASE PRESENTATIONS**  
Case 1: Group 1 vs 2 panel presentation with panel discussion and Q&A  
Case 2: Group 3 vs 4 panel presentation with panel discussion and Q&A  
Case 3: Group 5 vs 6 panel presentation with panel discussion and Q&A  
Case 4: Group 7 vs 8 panel presentation with panel discussion and Q&A |
| 1 pm - 2 pm   | **SESSION 10: AM I CUT OUT FOR THIS? REFLECTIONS OF SURGEONS IN PRACTICE**  
*Session Run During Lunch Break*  
Session run during lunch break  
Things I wish I knew in my 1st year of practice  
Adapting to an intermediate career stage  
The most common pitfalls I see my junior colleagues making.  
How to build a rectal cancer practice from scratch  
Q&A - discussion |
| 2 pm - 2:15 pm | **CLOSING REMARKS**  
**END OF MODULE 2** |

**Module 3: Journal Club Discussion Series**
In follow-up to the Live, Interactive Symposium, an online discussion forum will be available to participants, in addition to bi-monthly, synchronous discussions that will occur over the 7-month period following Module 2.

*November 2019 – May 2020*