UPDATE ON THE MULTIDISCIPLINARY TREATMENT OF ADVANCED COLORECTAL CANCER

FRIDAY, JUNE 26, 2015

University Conference Center
Penn State Milton S. Hershey Medical Center
500 University Drive, Hershey, PA 17033

A continuing education service of Penn State College of Medicine and the Penn State Hershey Division of Colon and Rectal Surgery.
WELCOME TO THE FIRST ANNUAL Update on the Multidisciplinary Treatment of Advanced Colorectal Cancer

PURPOSE/OBJECTIVES

- Examine the importance of colorectal cancer screening
- Review the role of genetic testing as part of the evaluation of colorectal cancer patients
- Discuss current and improved treatment options for stage IV colorectal cancer
- Explore the multidisciplinary approach to treating colorectal cancer
AUDIENCE

Primary Care Physicians, Surgeons, Gastroenterologists, Nurse Practitioners, and Physician Assistants
CREDIT
AMA
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# GUEST FACULTY

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<tr>
<th>Name</th>
<th>Title and Affiliation</th>
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<tbody>
<tr>
<td>James Church FRACS, FACS</td>
<td>Victor W. Fazio Chair of Colorectal Surgery, Director, Sandford R. Weiss MD Center for Hereditary Colorectal Neoplasia, Department of Colorectal Surgery, Digestive Diseases Institute, Cleveland Clinic Foundation</td>
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<tr>
<td>Weijing Sun, MD, FACP</td>
<td>Professor of Medicine, Director of GI Cancers, Section of Hematology-Oncology, Co-Director of University of Pittsburgh Medical Center (UMPC), GI Cancer Center of Excellence, UPMC Cancer Pavilion</td>
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# INTERNAL FACULTY

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<tr>
<th>Name</th>
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<tr>
<td>Maria J. Baker, PhD, FACMG, MS, LGC °</td>
<td>Associate Professor of Medicine, Division of Hematology/Oncology</td>
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<tr>
<td>Niraj J. Gusani, MD, MS, FACS °</td>
<td>Associate Professor of Surgery, Medicine and Public Health Sciences, Director, Program for Liver, Pancreas and Foregut Tumors</td>
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<tr>
<td>Heath Mackley, MD °</td>
<td>Associate Professor of Radiology, Medicine and Pediatrics, Division of Radiation Oncology</td>
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<tr>
<td>Thomas McGarry, MD °</td>
<td>Professor and Chief, Division of Gastroenterology and Hepatology</td>
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<tr>
<td>Abraham Mathew, MD, MSc °</td>
<td>Professor of Medicine, Interventional Endoscopy, Division of Gastroenterology</td>
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<tr>
<td>Evangelos Messaris, MD, PhD, FACS °</td>
<td>Assistant Professor of Surgery, Division of Colon and Rectal Surgery, Department of Surgery</td>
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<td>Matthew T. Moyer, MD, MS °</td>
<td>Associate Professor Medicine, Interventional Endoscopy, Division of Gastroenterology and Hepatology</td>
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<td>Colette Pameijer, MD, FACS °</td>
<td>Associate Professor of Surgery, Division of General Surgery Specialties and Surgical Oncology</td>
</tr>
<tr>
<td>Conference Director</td>
<td>David Stewart Sr., MD, FACS, FASCRS °, Associate Professor of Surgery, Division of Colon and Rectal Surgery, Department of Surgery</td>
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* Penn State College of Medicine  
  Penn State Milton S. Hershey Medical Center  
  ° Penn State Hershey Cancer Institute
THE GENETICS OF COLORECTAL CANCER AND HOW IT AFFECTS CARE

8:15 The Genetics of Colorectal Cancer and What Tests to Order
James Church, FRACS, FACS
- Discuss the role of genetics in colorectal carcinogenesis
- Describe how genetics affects biology and how this translates into patient care
- Explain the syndromes of hereditary colorectal cancer

8:45 Colorectal Cancer Genetics: The Role of the Genetic Counselor
Maria J. Baker, PhD, FACMG, MS, LGC
- Appreciate the various roles of the genetic counselor and how their involvement can impact the patient and family experience throughout the cancer genetic testing process
- Discuss the availability of various resources to support families with a hereditary predisposition to colorectal cancer

9:15 Newer Strategies in the Management of Colorectal Cancer
Daniel J. Berg, MD
- Describe the prognostic and predictive value of BRAF and KRAS mutations in advanced colorectal cancer
- Integrate mutation analysis into the treatment of colorectal cancer
- Identify new therapeutic options for the treatment of advanced colorectal cancer

9:45 Break

ENDOSCOPIC CARE FOR COLORECTAL CANCER

10:00 Stenting the Obstructed Patient
Matthew T. Moyer, MD, MS
- Review the management of a patient with malignant intestinal obstruction
- Illustrate the safety and efficacy of endoscopic stenting in patients with malignant intestinal obstruction
- Explore the need for multidisciplinary management of these high-risk patients

10:30 Endoscopic Mucosal Resection (EMR)/Endoscopic Surgical Resection (ESR)
Abraham Mathew, MD, MSc
- Review indications of ESR
- Demonstrate EMR/ESR
- Discuss the outcomes of EMR/ESR

11:00 Surveillance and Screening in the High-Risk Patient
Thomas McGarrity, MD*
- Discuss the epidemiology of colorectal cancer identifying average and high-risk groups
- Describe the menu of options for colorectal screening
- Examine the importance of knowing the family history in assessing risk for the development of colorectal cancer

11:30 Panel Discussion
12:00 Lunch in Pavilion
NEWER SURGICAL THERAPY FOR COLORECTAL CANCER
1:00 Minimally Invasive Surgery for Colorectal Cancer (SSL, Robotics)
   David Stewart, Sr., MD, FACS, FASCRS
   - Review data supporting the role of laparoscopic surgery in patients with colon and rectal cancer
   - Discuss the advantages and the distinct challenges associated with laparoscopic colorectal surgery as compared to open surgery
   - Illustrate the benchmarks for a proper resection for colon and rectal cancers

1:30 Surgical Techniques to Preserve Anal Function (TEM, TAMIS/Direct)
   Evangelos Messaris, MD, PhD, FACS
   - Discuss different treatment approaches for early rectal cancer
   - Learn about sphincter preserving surgical options for early rectal cancer
   - Review the risks and benefits of the transanal approach for excision of rectal cancers

CARING FOR THE ADVANCED-STAGE PATIENT
2:00 Overview of Stage IV Colorectal Cancer
   David Stewart, Sr., MD, FACS, FASCRS
   - Explore the decision-making process required to manage a patient with stage IV colorectal cancer
   - Discuss the role of surgery in patients with stage IV cancer, including the management of malignant obstructions
   - Describe the outcomes for stage IV colorectal cancer patients in the era of newer chemotherapeutic agents

2:20 Treatment Options for Hepatic Metastatic Disease
   Niraj Gusani, MD, MS, FACS
   - Discuss the epidemiology and time-trends in metastatic colorectal cancer
   - Define the indications and techniques for surgical treatment of hepatic metastases from colorectal cancer
   - Discuss surgical and oncologic outcomes and long-term survival in patients with colorectal metastases

2:40 Break

2:55 Carcinomatosis
   Colette Pameijer, MD, FACS
   - Discuss the rationale for regional therapy for advanced cancer
   - Identify potential candidates for cytoreductive surgery and hyperthermic intraperitoneal chemotherapy
   - Describe prognostic indicators and expected outcomes for hyperthermic intraperitoneal chemotherapy

3:15 Minimizing the Complications of Radiation Therapy
   Heath Mackley, MD
   - Explore the role of radiotherapy in the treatment of rectal cancer
   - Illustrate how newer radiation technologies can be utilized to decrease morbidity without compromising efficacy in the treatment of rectal cancer
   - Review how pharmaceutical interventions can decrease morbidity from pelvic radiotherapy

3:35 Multidisciplinary Colorectal Care Management Program at the Penn State Milton S. Hershey Medical Center
   David Stewart, Sr., MD, FACS, FASCRS

3:55 Panel Discussion
4:25 Evaluation
4:30 Closing Remarks / Adjournment
ACCOMMODATIONS

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FEE

- $95 per person
- $60 HMC/COM per person

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Friday, June 26, 2015

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