

THE FIFTH ANNUAL
EAO-CRC
EARLY AGE ONSET COLORECTAL CANCER
SUMMIT 2019



Northwell Health
Cancer Institute

**Performing a Knowledge GAP Analysis and Building a Strategic
"Action Plan" to Reduce EAO-CRC Incidence and Mortality**

Thursday, May 2, 2019 • 7:30 am – 6:30 pm

Friday, May 3, 2019 • 8:00 am – 12:30 pm

The Times Center • 620 8th Avenue • New York, NY 10018

Poster Session and Reception to be held Thursday evening

REGISTER TODAY AT

coloncancerfoundation.org



#EAO CRC19

COURSE OBJECTIVES

This event will bring together leading clinicians and scientists as well as early age onset (EAO) colorectal cancer (CRC) survivors and caregivers from across the country and internationally. The program will provide extensive opportunities for participants to advance their understanding of the rapidly increasing incidence of rectal and colon cancer among young adults under 50 years of age in the U.S. and abroad.

This ground-breaking program will, for a fifth consecutive year, provide all participants the opportunity to hear and question leading clinicians and researchers on the life-saving potential of timely clinical risk assessment / family cancer health history; earliest possible stage, optimal, fertility-preserving clinical care, as well as the latest information regarding national and international EAO-CRC incidence trends, pathogenesis, and genetics. In addition, this year's program will present a "Research in Progress" segment featuring currently NCI funded and planned EAO-CRC research projects from across America and Europe. Again this year, important Break-Out Sessions based on needs-assessments from our survivor community will address challenging issues surrounding Palliative Care, support networks for caregivers and a primer on the "Epigenetics" of EAO-CRC specifically requested by our Young Adult CRC Survivor Program Advisory Group.

The course will include lectures, workshops and panel discussions designed to advance the "state-of-the-science" addressing EAO-CRC. Our faculty will once again be world class speakers representing leading academic medical centers with major additional inspiring programmatic contributions from the Early Age Onset Colorectal Cancer Survivor Community of the United States and beyond.

COURSE DIRECTORS

Thomas K. Weber, MD, FACS

COURSE DIRECTOR

Director of Surgical Oncology
Northwest Region at Northwell Health
Professor of Surgery
Zucker School of Medicine
at Hofstra/Northwell
Founder and President
Colon Cancer Foundation

Wasif M. Saif, MD, MBBS

COURSE CO-DIRECTOR

Deputy Physician-in-Chief and Director of
Medical Oncology
Northwell Health Cancer Institute
Professor of Medical Oncology
Zucker School of Medicine
at Hofstra/Northwell

Susan K. Peterson, PhD, MPH

COURSE CO-DIRECTOR AND POSTER SESSION CHAIR

Professor of Behavioral Science
The University of Texas MD Anderson
Cancer Center

PLANNING COMMITTEE

Richard Barakat, MD

Physician-in-Chief and Director
Northwell Health Cancer Institute
Professor, Obstetrics and Gynecology,
Donald and Barbara Zucker School of Medicine
at Hofstra/Northwell

Cindy R. Borassi

Executive Director
Colon Cancer Foundation

Heather Hampel, MS, LGC

Associate Director, Division of Human Genetics
Associate Director, Biospecimen Research
Professor, Internal Medicine
Licensed Genetic Counselor
The Ohio State University Comprehensive
Cancer Center

Krista Nelson LCSW, OSW-C, BCS, FAOSW

Oncology Social Worker
Program Manager, Quality & Research, Cancer
Support Services & Compassion
Providence Cancer Institute & Providence
St Joseph Health

Susan K. Peterson, PhD, MPH

Professor of Behavioral Science
The University of Texas MD Anderson Cancer
Center

Wasif M. Saif, MD, MBBS

Deputy Physician-in-Chief and Director
of Medical Oncology
Northwell Health Cancer Institute
Professor of Medical Oncology
Zucker School of Medicine at
Hofstra/Northwell

Mary B. Strong, MA

Assistant Vice President, Continuing
Medical Education
Northwell Health

Thomas K. Weber, MD, FACS

Director of Surgical Oncology
Northwest Region at Northwell Health
Professor of Surgery
Zucker School of Medicine
at Hofstra/Northwell
Founder and President
Colon Cancer Foundation

PLANNED PRESENTATIONS AND INVITED FACULTY INCLUDE

Framing the Conversation: Strategic Challenges in Current Medical Care that Contribute to Young Adult Colorectal Cancer (CRC) Incidence and Mortality. Survivor Testimonials Underscore Opportunities for Improvement in the Prevention and Care of Young Adult Colorectal Cancer

- EAO-CRC Testimonials
- Opening Remarks
 - *Richard R. Barakat, MD, Northwell Health Cancer Institute*
- How the Survivor Testimonials Framed Today's Program
 - *Thomas K. Weber, MD, FACS, Northwell Health, Colon Cancer Foundation*

SESSION I: The Dimensions of the EAO-CRC Problem: Target Item: Accurate, Regular, Up to Date Measurement of Key Metrics Describing the Early Age Onset Colorectal Cancer Public Health Crisis

- Overview of Global EAO-CRC Incidence Patterns and Trends
 - *Thomas K. Weber, MD, FACS, Northwell Health, Colon Cancer Foundation*
- Overview of United States EAO-CRC Incidence Patterns and Trends
 - *Rebecca L. Siegel, MPH, American Cancer Society*
- Innovations in Centers for Disease Control (CDC) Cancer Registry Data Accrual in the Age of Genomic Medicine
 - *Jordan Karlitz, MD, FACP, Tulane University School of Medicine*

PLANNED PRESENTATIONS (CONTINUED)

- Overview of European Cancer Registries Data Resources on EAO-CRC
 - *Irit Ben-Aharon, MD, PhD, Ranbam Health Care Campus, European Organisation for Research and Treatment of Cancer (EORTC)*
- Survey of Young Onset Patients, Survivors, and Caregivers: Self-Reported Clinical, Psychosocial, Financial and Quality of Life Experiences
 - *Ronit Yarden, PhD, MHSA, Colorectal Cancer Alliance*
- Q&A Panel Discussion – Strategic Plan Development



SESSION II: Family History Ascertainment in the U.S. (Addressing Gap 1) What Steps are Needed to Improve the Well Documented Less Than Optimal Status of This Situation? What is Our Best Information on the Documentation of Cancer Family History in Primary Care? What are the Key Elements Required for Success?

- *Moderator: Gregory Feero, MD, PhD, Maine Dartmouth Family Medicine Residency, Augusta, ME; Geisel School of Medicine at Dartmouth, Hanover, NH*
- Electronic Health Records (EHR) and Family Cancer History Ascertainment. The Path Forward?
 - *Gregory Feero, MD, PhD, Maine Dartmouth Family Medicine Residency, Augusta, ME; Geisel School of Medicine at Dartmouth, Hanover, NH*
- Review of National Colorectal Cancer Roundtable (NCCRT) Family Health History Early Age Onset Colorectal Cancer (EAO-CRC) Task Group Progress and Overview of the NCCRT Risk Assessment and Screening Toolkit to Detect Familial, Hereditary and Early Onset Colorectal Cancer and next steps for dissemination and implementation
 - *Dennis Ahnen, MD, AGAF, FACP, University of Colorado School of Medicine, Gastroenterology of the Rockies*
- Implementation plan for 2018 American Cancer Society recommendations (and rationale) for screening for the early detection of colorectal cancer.
 - *Robert A. Smith, PhD, American Cancer Society*
- Strategies for Addressing Early Onset CRC: An NCCRT Report
 - *Jan Lowery, PhD, Colorado Center for Personalized Medicine*
- Detecting Unaffected Individuals with Lynch Syndrome (DUAL)
 - *Sayoni Lahiri, MS, CGC, UT Southwestern Medical Center*
- Prevalence of Advanced Colorectal Polyps Among First Degree Relatives of EOCRC Patients
 - *Christine L. Sardo Molmenti, PhD, MPH Feinberg Institute for Medical Research, Northwell Health, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell*
- Integrating Education on the Importance of Family Health History Ascertainment and Earliest Possible Diagnosis into the Entire Continuum of Medical and Specialty Education from Medical School Through Board Certification, CME and Recertification.
- Q&A Panel Discussion – Strategic Plan Development

SESSION III: Earliest Possible Diagnosis and Treatment Through Timely Recognition of the Symptoms and Signs of Young Adult

CRC (Addressing Gap 2)

- *Moderator: Whitney Jones, MD, Colon Cancer Prevention Project, Gastroenterology Health Partners*
- A Review of the Published Data Documenting Delays in Diagnosis and the Consequences in Terms of Later Stage Diagnosis and Poorer Outcomes
 - *Whitney F. Jones, MD, Gastro & Endo Associates*
- Overview of the Continuum of Providers Who Interact with Patients Prior to and Up to a Diagnosis
 - *Chelsea Boet, MD, Spectrum Health Medical Group*
- Introduction of the EAO-CRC National Clinical Alert and Symptoms and Signs Index
 - Provider Education Outreach Initiatives
 - Patient Awareness and Advocacy Initiatives
 - *Andrew Albert, MD, MPH, Chicago Gastro LLC*
 - *Erin Peterson, Colon Cancer Coalition*
- Lessons Learned: What Have We Learned From Past Public Health Success Stories?
 - *Tony Foleno, Senior Vice President, Strategy & Evaluation at the Advertising Council*
 - *Jennifer Brown, PhD, NYC Department of Health & Mental Hygiene*
- Q&A Panel Discussion – Strategic Plan Development

SESSION IV: Timely, Effective, Quality of Life and Fertility Preserving State of the Art Treatment (Addressing Gap 3)

- Updates on Current Medical Oncology Approaches to Young-Onset CRC
 - *Andrea Cercek, MD, Memorial Sloan Kettering Cancer Center*
- Updates in Rectal Cancer Surgery for Young Adults
- Optimal Preservation of Fertility
 - *Nicole Noyes, MD, Northwell Health*
- Novel Approaches to Metastatic Mismatch Repair (MMR) Deficient and Microsatellite Stable (MSS) Metastatic Colorectal Cancer
 - *Cathy Eng, MD, FACP, FASCO, The University of Texas MD Anderson Cancer Center*
- From “Bench to Bedside” CRC Experimental Therapeutics and Phase I & II Trials. What’s New & What’s Next?
 - *Wasif M. Saif, MD, MBBS Northwell Health Cancer Institute*
- Gaps in Providing Palliative Care and the Cost Benefit Ratio for Hospital Systems
 - *James T. D’Olimpio, MD, FACP, FAAHPM North Shore University Hospital*
- Identifying the Key Elements of a Center for Early Age Onset Colorectal Cancer – Panel Discussion
 - *Andrea Cercek, MD, Memorial Sloan Kettering Cancer Center*
 - *Zana Correa, NP, Memorial Sloan Kettering Cancer Center*
 - *Krista Nelson, LCSW OSW-C BCD FAOSW, Providence Cancer Institute & Providence St. Joseph Health*
 - *Eric Reddy, Stage IV Colorectal Cancer Survivor*



PLANNED PRESENTATIONS (CONTINUED)

- *Christine L. Sardo Molmenti, PhD, MPH, Feinstein Institute for Medical Research, Northwell Health, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell*
- *Thomas K. Weber, MD, FACS, Northwell Health, Colon Cancer Foundation*
- Q&A Panel Discussion - Strategic Plan Development

Poster Viewing Break

SESSION V: How Did This Happen? Investigating the Causes of Early Onset Colorectal Cancers EAO-CRC (Addressing Gap 4)

- The Genetics of Heritable CRC: What's New and Important to Know Regarding the Genetics of EAO-CRC?
 - *Moderator(s): Noah D. Kauff, MD, Duke Cancer Institute, Duke University Health System and Thomas K. Weber, MD, FACS, Northwell Health, Colon Cancer Foundation*
- Prevalence and Spectrum of Germline Cancer Susceptibility Gene Mutations Among Patients with Early-Onset Colorectal Cancer
 - *Heather Hampel, MS, LGC, the Ohio State University Comprehensive Cancer Center*
- Molecular Subtype of Colorectal Cancer Associated with Early Age of Onset
 - *Xavier Llor, MD, PhD, Yale University School of Medicine Smilow Cancer Center*
- Germline Genetic Variants Associated with Young-Onset Colorectal Cancer: The MSKCC Experience
 - *Zsofia K. Stadler, MD, Memorial Sloan Kettering Cancer Center*
- Germline Genetic Features of Young Individuals with Colorectal Cancer
 - *Elena M. Stoffel, MD, MPH, University of Michigan*
- Cancer Susceptibility Gene Mutations in Individuals with Colorectal Cancer
 - *Matthew B. Yurgelun, MD, Dana-Farber Cancer Institute, Harvard Medical School*

What is Driving the Increases in EAO-CRC, 80+% of Which is Not Related to the Named Hereditary CRC Syndromes?

- The Usual Suspects : New Data – Journal of the American Medical Association (JAMA) Obesity Study
 - *Yin Cao, MPH, ScD, MPH, Washington University School of Medicine*
- New Suspects: Diet, Microbiome, Immunology and Cancer Risk
 - *Semir Beyaz, PhD, Cold Spring Harbor Laboratory*
- New Research Information: Current Efforts to Investigate the Causes of Increases in MSS CRC Among Young Adults.
 - The United States:
 - Current NCI Funded Investigations into the Causes of Early Age Onset Colorectal Cancer:
 - Colorectal Cancer Risks in People < 50 Years of Age NIH (RO3): Epidemiology
 - *Richard Hayes, DDS, PhD, MPH, The Cancer Institute at NYU Langone*
 - Integrating Diet, Lifestyle and Tumor Tissue Molecular Subtyping to Study the Role of Adolescent Calcium Intake on the Risk of Early Onset Colorectal Neoplasia (R21)
 - *Kana Wu, MD, PhD, Harvard T.H. Chan School of Public Health, Dana-Farber, Harvard Cancer Center*
 - The European Union: Funded Investigations
 - European Organisation for Research and Treatment of Cancer (EORTC): Young Onset CRC: Causation, Treatment and Outcomes
 - *Irit Ben-Aharon, MD, PhD, EORTC European Organisation for Research and Treatment of Cancer*
 - European Study of Early-Onset Colorectal Cancer (EUREOC): A Collaborative Study of the Biology of Young Onset CRC
 - *Jose Perea, MD, PhD, Fundacion Jimenez Diaz University Hospital, Madrid, Spain*

In Development

- CRAYON: ColoRectal Cancer in Adults at Young ONset: New York City Based Prospective Accrual Study of Young Onset Colorectal Cancer
 - *Steven H. Itzkowitz, MD, Icahn School of Medicine at Mount Sinai*
- The Search for Novel Drivers of Young Onset MSS CRC: An Overview of Current NIH, CDC and ACS Efforts
 - *Thomas K. Weber, MD, FACS, Northwell Health*
- Report Back from The Denver EAO-CRC Research Meeting
 - *Heather Hampel, The Ohio State University Comprehensive Cancer Center*
- Discussion and "Next Steps"

Poster Session and Reception

SESSION VI: Palliative Care: Why Early is Best (Including Guidance, Support and Resources for Patients and Caregivers During Their Treatment Journey/Continuum of Care) (Addressing Gap 5)

- *James T. D'Olimpio, MD, FACP, FAAHPM, North Shore University Hospital*
- *Sarah Debord, Colon Cancer Coalition*
- *Andy Esche, MD, MBA, Palliative Care and Survivorship of Western New York*
- *Krista Nelson, LCSW, OSW-C, BCD, FAOSW*

SESSION VI: Epigenetics and its Future Role in the Diagnosis and Treatment of Individuals More Specifically and Accurately

- *C. Richard Boland, MD, AGAF, UC San Diego*

Strategic Planning Session (Breakout Groups According to Gap)

- Advancing the Accurate Measurement of Key EAO-CRC Metrics
- Family History Ascertainment
- Earliest Possible Stage Diagnosis
- Development of Centers of Excellence Dedicated to the Treatment of EAO-CRC Patients and Caregivers
- Research into the Causes of Early Onset Colorectal Cancers
- Palliative Care: Providing Support as Early Possible

Report Back From Strategic Action Plan Breakout Groups

The EAO CRC National Action Plan

Poster Session Awards and Closing Remarks

