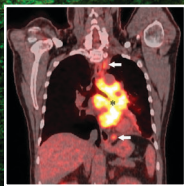
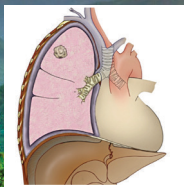
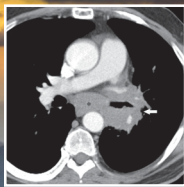


15th Oncologic Imaging: A Multidisciplinary Approach

September 13-15, 2019

For Radiologists, Oncologists, & Surgeons



*Paul M. Silverman, MD
Founder and Course Director
Asheville, NC*

Faculty from the Nation's Leading Cancer Centers

Improve your diagnostic acumen related to oncologic imaging and assess the role of current state-of-the-art imaging modalities.

Provided by



with support from



CONFERENCE FACULTY

Paul M. Silverman, MD

Professor of Radiology, ret.
Gerald D. Dodd Jr. Distinguished Chair
Division of Diagnostic Imaging
MD Anderson Cancer Center

Daniel A. Barocas, MD, MPH, FACS

Associate Professor
Urologic Surgery
Vanderbilt University
Ingram Cancer Center

Brett W. Carter, MD

Associate Professor
Department of Diagnostic Radiology
Division of Diagnostic Imaging
MD Anderson Cancer Center

Thomas E. Clancy, MD

Associate Chief, Division of Surgical Oncology
Brigham and Women's Hospital
Co-Director, Pancreatic and Biliary Tumor Center
Dana-Farber/Brigham and Women's
Cancer Center

Richard M. Gore, MD, FACR

Professor of Radiology
The University of Chicago Pritzker School
of Medicine
Chief, Gastrointestinal Radiology
North Shore University Health System

Joseph Mammarrappallil, MD, PhD

Assistant Professor
Cardiothoracic Division
Department of Radiology
Duke University Medical Center

Majid T. Maybody, MD

Interventional Radiologist
Director
Interventional Radiology Training Program
Memorial Sloan Kettering Cancer Center

Reza Mehran, MDCM, MSc, CD, FRCSC, FACS

Professor
Department of Thoracic and
Cardiovascular Surgery
Division of Surgery
MD Anderson Cancer Center

Kristin K. Porter, MD, PhD

Assistant Professor
Abdominal Imaging Section
Department of Radiology
UAB School of Medicine

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Professor
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Division of Diagnostic Imaging
MD Anderson Cancer Center

Terence Z. Wong, MD, PhD

Professor of Radiology
Chief
Nuclear Medicine Division
Duke University Medical Center

Atif Zaheer, MD

Associate Professor
Radiology and Radiological Science Associate
Program Director
Diagnostic Radiology Residency
Johns Hopkins Medicine

LOCAL FACULTY

Paul M. Ahearne, MD, FACS

Surgical Oncologist, Regional Surgical Specialists
Medical Director of Surgical Oncology
Mission Hospital

Trevor Austin, MD

Hematologist & Medical Oncologist
Cancer Care of WNC

Mehul Bhakta, MD

Co-director of Abdominal Imaging
Asheville Radiology Associates

Oliver A. R. Binns, MD

Co-Director, Thoracic Oncology Program
Mission Hospitals
Asheville Heart

Daniel C. Brown, MD

Vascular & Interventional Radiologist
Asheville Radiology Associates

Eric F. Kuehn, MD

Radiation Oncologist
Mountain Radiation Oncology

W. Mark McCollough, MD

Radiation Oncologist
Mountain Radiation Oncology

Program Agenda

FRIDAY, SEPTEMBER 13TH

- 11:30–12:00** | Registration (*light lunch provided*)
- 12:00–12:15** | Welcome and Program Introduction
Paul M. Silverman, MD

Oncologic Imaging and Oncology Perspectives: 2019 Technology Update

Moderator: Paul M. Silverman, MD

- 12:15–12:45** | The Solitary Pulmonary Nodule: Evaluation and Imaging Findings
Joseph Mammarrappallil, MD, PhD
- 12:45–1:15** | PET/CT: What You Need to Know as an Effective “Oncologic Radiologist”
Terence Z. Wong, MD, PhD
- 1:15–1:45** | Thoracic Intervention: Importance of Diagnostic Findings Prior to Biopsy
Joseph Mammarrappallil, MD, PhD
- 1:45–2:15** | PET/CT: Pitfalls, Clinical Importance for the Radiologist and Oncologist
Terence Z. Wong, MD, PhD
- 2:15–2:30** | Q & A: Meet the Professors
Joseph Mammarrappallil, MD, PhD | Terence Z. Wong, MD, PhD | Paul M. Silverman, MD
- 2:30–2:45** | Break (*refreshments provided*)

Esophageal Cancer: MDCT/MR & PET/CT, Imaging and Surgical Considerations

Moderator: Brett W. Carter, MD

- 2:45–3:15** | Esophageal Cancer: Diagnosis, Staging, and Surveillance
Richard M. Gore, MD
- 3:15–3:45** | Esophageal Cancer: A Surgeon's Perspective
Reza Mehran, MDCM, MSc, CD, FRCSC, FACS
- 3:45–4:15** | Esophageal Cancer: Evaluation of the Postoperative Thorax
Brett W. Carter, MD
- 4:15–4:30** | Q & A: Meet the Professors
Brett W. Carter, MD | Reza Mehran, MDCM, MSc, CD, FRCSC, FACS | Oliver A. R. Binns, MD | Richard M. Gore, MD | Terence Z. Wong, MD, PhD | Joseph Mammarrappallil, MD, PhD
- 4:30–5:15** | Tumor Board: Esophageal Cancer
Presenters: *Richard M. Gore, MD | Brett W. Carter, MD*
Panelists: *Reza Mehran, MDCM, MSc, CD, FRCSC, FACS | Terence Z. Wong, MD, PhD | Joseph Mammarrappallil, MD, PhD | Oliver A. R. Binns, MD | Paul M. Ahearne, MD | W. Mark McCollough, MD*
- 5:15** | Adjourn

7:30–8:00 | Registration (*breakfast provided*)

**Hepato-Biliary Cancer: MDCT/MR & PET/CT,
Imaging and Surgical Considerations**

Moderator: Paul M. Silverman, MD

- 8:00–8:30 | Primary Liver Tumors: Diagnosis, Staging, and Surveillance
Kristin K. Porter, MD, PhD
- 8:30–9:00 | Primary Liver Tumors: A Surgeon's Perspective
Thomas E. Clancy, MD
- 9:00–9:30 | Biliary Tumors: Diagnosis, Staging, and Surveillance
Kristin K. Porter, MD, PhD
- 9:30–10:00 | Primary Biliary Tumors: A Surgeon's Perspective
Thomas E. Clancy, MD
- 10:00–10:15 | Q & A: Meet the Professors
Kristin K. Porter, MD, PhD | Thomas E. Clancy, MD | Paul M. Silverman, MD
- 10:15–10:30 | Break (*refreshments provided*)

**Pancreatic Cancer: MDCT/MR & PET/CT,
Imaging and Surgical Considerations**

Moderator: Eric P. Tamm, MD

- 10:30–11:00 | Primary Pancreatic Adenocarcinoma
Eric P. Tamm, MD
- 11:00–11:30 | Cystic Tumors of the Pancreas
Atif Zaheer, MD
- 11:30–12:00 | Neuroendocrine Tumors of the Pancreas
Eric P. Tamm, MD
- 12:00–12:30 | Pancreatic Tumors: A Surgeon's Perspective
Thomas E. Clancy, MD
- 12:30–12:45 | Q & A: Meet the Professors
Eric P. Tamm, MD | Atif Zaheer, MD | Thomas E. Clancy, MD
- 12:45–1:15 | Lunch (*provided*)
- 1:15–2:30 | Tumor Board: Hepato-Biliary and Pancreatic Tumors
Presentors: *Eric P. Tamm, MD | Kristin Porter, MD, PhD*
Panelists: *Thomas E. Clancy, MD | Richard M. Gore, MD | Atif Zaheer, MD | Paul M. Ahearne, MD | W. Mark McCollough, MD | Trevor Austin, MD | Mehul Bhakta, MD*

Renal and Prostate Cancer: MDCT/MR & PET/CT,
Imaging and Surgical Considerations

Moderator: Atif Zaheer, MD

- 2:30–3:00** | Imaging Primary Renal Cell Cancer
Atif Zaheer, MD
- 3:00–3:30** | Unusual Renal Masses
Atif Zaheer, MD
- 3:30–4:00** | Renal Cancer: A Surgeon's Perspective
Daniel A. Barocas, MD, MPH, FACS
- 4:00–4:15** | Q & A: Meet the Professors
Atif Zaheer, MD | Daniel A. Barocas, MD, MPH, FACS
- 4:15–4:30** | Break (*refreshments provided*)
- 4:30–5:00** | Prostate Cancer: Diagnosis, Staging, and Surveillance
Atif Zaheer, MD
- 5:00–5:30** | Prostate Cancer: A Surgeon's Perspective
Daniel A. Barocas, MD, MPH, FACS
- 5:30–6:15** | Tumor Board: Renal and Prostate Cancers
Presentors: *Atif Zaheer, MD*
Panelists: *Daniel A. Barocas, MD, MPH, FACS | Atif Zaheer, MD | Eric F. Kuehn, MD | Mehul Bhakta, MD*
- 6:15** | Adjourn

SUNDAY, SEPTEMBER 15TH

7:30–8:00 | Registration (*breakfast provided*)

Complications in the Oncologic Patient: Role of Interventional Radiologist

Moderator: Daniel C. Brown, MD

- 8:00–8:30** | Treating Complications in the Oncologic Patient:
Current Role of the Interventionalist
Majid Maybody, MD
- 8:30–9:00** | Drainage and Follow-up of Abscesses: The Interventionalist's Role
Majid Maybody, MD
- 9:00–9:15** | Q & A: Meet the Professors
Majid Maybody, MD | *Daniel C. Brown, MD*

Complications in the Oncologic Patient: Making the Diagnosis

Moderator: Richard M. Gore, MD

- 9:15–9:45** | Pulmonary Infections in the Oncologic Patient
Brett W. Carter, MD
- 9:45–10:15** | Pulmonary Embolism: Technique, Diagnosis, and Pitfalls
Brett W. Carter, MD
- 10:15–10:30** | Break (*refreshments provided*)
- 10:30–11:00** | Infections: Colitis, Diverticulitis, Cholecystitis and Other "Itises"
in the Immuno-Compromised Patient
Richard M. Gore, MD
- 11:00–11:30** | Complications of Chemo- and Radiation Therapy:
Importance for the Oncologic Imager
Joseph Mammarrappallil, MD, PhD
- 11:30–12:00** | Abdominal Emergencies and Vascular Abdominal Disease
in the Oncologic Patient
Richard M. Gore, MD
- 12:00–12:15** | Q & A: Meet the Professors
Brett W. Carter, MD | *Joseph Mammarrappallil, MD, PhD* |
Richard M. Gore, MD

Multidisciplinary Oncology in Your Practice: Take Home Messages

Moderator: Paul M. Silverman, MD

- 12:15–1:00** | Multidisciplinary Approach to Cancer:
Translating This to Your Community Practice
Oliver A. R. Binns, MD | *Trevor Austin, MD* | *W. Mark McCollough, MD* |
Daniel C. Brown, MD | *Paul M. Ahearne, MD* | *Eric F. Kuehn, MD* |
Paul M. Silverman, MD | *Mehul Bhakta, MD*
- 1:00** | Evaluation and Adjourn

15th Oncologic Imaging: A Multidisciplinary Approach

CONFERENCE LOCATION

MAHEC Mary C. Nesbitt Biltmore Campus
121 Hendersonville Road, Asheville, NC 28803

FRIDAY SEPTEMBER 13, 2019	SATURDAY SEPTEMBER 14, 2019	SUNDAY SEPTEMBER 15, 2019
Registration: 11:30 am–12:00 pm	Registration: 7:30 am–8:00 am	Registration: 7:30 am–8:00 am
Program: 12:00 pm–5:15 pm	Program: 8:00 am–6:15 pm	Program: 8:00 am–1:00 pm

EARLY REGISTRATION FEES AVAILABLE THROUGH SEPTEMBER 6, 2019

FULL CONFERENCE

Program Fee	\$745.00 per person
ARA and Mission Health Physicians	\$650.00 per person
VA & Government Employed MDs	\$650.00 per person
Other Healthcare Providers	\$399.00 per person
MAHEC Employees (<i>must register</i>)	FREE

TWO-DAY RATE (Fri/Sat or Sat/Sun)

Program Fee	\$595.00 per person
ARA and Mission Health Physicians	\$525.00 per person
VA & Government Employed MDs	\$525.00 per person
Other Healthcare Providers	\$299.00 per person
MAHEC Employees (<i>must register</i>)	FREE

AUDIENCE

- Radiologists
- Medical Oncologists
- Surgeons

MEDICAL COURSE DIRECTOR

Paul M. Silverman, MD

DESCRIPTION

Our primary goal is to educate radiologists, medical oncologists, and surgeons to improve their diagnostic acumen related to oncologic imaging and the role of current state-of-the-art imaging modalities, including: PET/CT, MDCT, and MRI. Gaps of knowledge may exist since some of the technology is relatively new and other technology continues to evolve. Our oncologic radiologists can provide a greater experience regarding the sensitivity, specificity, and accuracy of PET/CT, MDCT, and MRI. Attendees will be made aware of, and knowledgeable about, potential diagnostic pitfalls and how to avoid them.

The multidisciplinary approach, unique to this course, will allow registrants to not only appreciate imaging from the radiologist's standpoint, but also to integrate medical information presented by surgeons, medical oncologists, and radiation oncologists—key information for optimal decision-making by the referring clinician. The result of this is to ultimately impact and produce best patient outcomes. The structure of the course, including panel discussions, allows registrants to have direct access to world-recognized experts in the field of cancer.

Featured Topics: Technology Update—MDCT & PET/CT, Complications and their Interventional Management, Esophageal, Liver, Biliary, Pancreas, Renal, and Prostate Cancers, and Practical "Tumor Board" sessions.

OBJECTIVES

Upon completion of this conference, participants will be able to:

- Implement new techniques into clinical protocols to improve the quality of imaging results and enhance overall patient care (knowledge, competence, performance, patient outcomes)
- Provide and review data on the impact of newer imaging technologies that will improve confidence in diagnosing imaging findings, thus improving diagnosis and avoiding pitfalls (knowledge, competence, performance, patient outcomes)
- Identify clinical needs for imaging studies and determine which imaging studies provide the best chance for most accurate diagnosis and the important imaging features for accurate cancer staging (knowledge, competence, performance, patient outcomes)
- Integrate features of imaging studies which are most important and will change staging or treatment in terms of surgery or chemotherapy (knowledge, competence, performance, patient outcomes)

REGISTRATION

Early registration deadline: September 6, 2019

All conference registration fees include administrative costs, educational materials, a light breakfast, and lunch. If your registration is received after the deadline, the total fee will be the registration fee + \$50.00.

MAHEC has a pay-up-front policy for all CE programs. The only exception is for pre-approved programs where an individual payment plan is appropriate. Registrations received without accompanying payment will not be processed and participants who have not paid the course fee will not be admitted into the program.

Unless otherwise noted in course materials, the following cancellation policy applies to all continuing education programs:

- Cancellations must be in writing (via fax, email, or mail)
- Cancellations received more than 2 weeks prior to the event will receive 100% refund
- Cancellations received between two weeks and two full business days prior to the first day of the event are refunded at 70% of the registration fee subject to a minimum \$25 cancellation fee
- No refunds or credits will be given for cancellations received less than two full business days prior to the event
- No vouchers will be issued in lieu of a refund
- Transfers/substitute(s) are welcome (please notify us in advance of the program)

HAVE A QUESTION?

Contact the Program Planner

Melody Hays, BA, MA

melody.hays@mahec.net or 828-257-4762



Special Services

828-257-4468

REGISTRATION INFORMATION

828-257-4475

FAX REGISTRATION

828-257-4768

ONLINE REGISTRATION

www.mahec.net/cpd

EMAIL

registration@mahec.net

MAIL

MAHEC Registration

121 Hendersonville Road, Asheville, NC 28803

PHOTOGRAPHY STATEMENT

MAHEC assumes permission to use recorded audio, video and still images from this program for promotional and educational purposes. Please speak with a staff member if you have any concerns.



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CREDIT

Continuing Medical Education

Accreditation: Mountain Area Health Education Center (MAHEC) is accredited by the North Carolina Medical Society (NCMS) to provide continuing medical education for physicians.

Credit Designation: MAHEC designates this live activity for a maximum of **18.75** AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. **(Up to 5 hours on Day 1, up to 8.75 hours on Day 2, and up to 5 hours on Day 3)**

Disclosure Statement: MAHEC adheres to the ACCME Standards regarding industry support to continuing medical education. Disclosure of faculty and commercial support relationships, if any, will be made known at the time of the activity.

CEUs: Mountain Area Health Education Center (MAHEC) designates this live continuing education activity as meeting the criteria for **1.9** CEUs as established by the National Task Force on the Continuing Education Unit. **(Up to 0.5 hours on Day 1, up to 0.9 hours on Day 2, and up to 0.5 hours on Day 3)**

Contact Hours: Mountain Area Health Education Center (MAHEC) designates this live continuing education activity as meeting the criteria for **18.75** contact hours. **(Up to 5 hours on Day 1, up to 8.75 hours on Day 2, and up to 5 hours on Day 3)**

DIRECTIONS

MAHEC Mary C. Nesbitt Biltmore Campus 121 Hendersonville Road, Asheville, NC 28803

From I-40 E: Take Exit 50 and turn left onto Hendersonville Road.

From I-40 W: Take Exit 50B and merge onto Hendersonville Road.

At the first light, turn left into the DoubleTree Hotel complex. Turn left (away from the hotel). You will see a steep driveway on your right. Turn right and go up that driveway to the MAHEC Biltmore Campus.

From 19-23 (I-26): Take 240 East to Exit 5B (Charlotte Street). Exit right onto Charlotte Street. At the 4th light, make a left onto Biltmore Avenue. Proceed through 8 traffic lights. At the 9th light, turn right into the DoubleTree Hotel complex. Turn left (away from the hotel). You will see a steep driveway on your right. Turn right up that driveway to the MAHEC Biltmore Campus.

ACCOMMODATIONS

Hampton Inn & Suites Asheville Biltmore Village 117 Hendersonville Road, Asheville, NC 28803

A block of rooms has been reserved for September 12, 2019–September 15, 2019. The special room rate of **\$129.00 per night** will be available until August 21, 2019 or until the group block is sold-out, whichever comes first. Please call **828-277-1800** and request the “Oncological Imaging Conference” group rate to make your reservation over the phone, or click here to [reserve online](#).

DoubleTree by Hilton Hotel Asheville–Biltmore 115 Hendersonville Road, Asheville, NC 28803

A block of rooms has been reserved for September 12, 2019–September 15, 2019. The special room rate of **\$135.00 per night** will be available until August 21, 2019 or until the group block is sold-out, whichever comes first. Please call **828-274-1800** and request the “Oncological Imaging Conference” group rate to make your reservation over the phone, or click here to [reserve online](#).

15th Oncologic Imaging: A Multidisciplinary Approach

Updated contact information below.

#20ME001/58278

NAME _____

CREDENTIALS _____

SOCIAL SECURITY # XXX-XX- _____ (last 4 digits required)

OCCUPATION _____

EMAIL ADDRESS _____

HOME ADDRESS _____

CITY _____ STATE _____ ZIP _____

HOME COUNTY _____

HOME # _____ WORK # _____

EMPLOYER _____

DEPARTMENT _____

EMPLOYER'S ADDRESS _____

CITY _____ STATE _____ ZIP _____

WORK COUNTY _____

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Please remove my name from the MAHEC mailing list.

MEAL PREFERENCE

Vegetarian

Gluten-free

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Registration Fees

Physicians

ARA/Mission Health physicians

VA/Government Employed MDs

Other healthcare providers

MAHEC Employees (must register)

Full Event Pricing

Full Event After 9/6/19

Two-Day Pricing

Two-Day After 9/6/19

\$745

\$795

\$595

\$645

\$650

\$700

\$525

\$575

\$650

\$700

\$525

\$575

\$399

\$449

\$299

\$349

FREE

FREE

FREE

FREE

If selecting two-day, please choose one: Friday/Saturday **OR** Saturday/Sunday

Full payment must accompany all submitted registrations unless a payment plan has been approved in advance. Registrations received without accompanying payment will not be processed.

Check is enclosed Credit card information provided

Visa MasterCard Discover Card American Express

ACCOUNT # _____

EXP ____ / ____ CODE ON BACK OF CARD _____ (3 digits)

NAME ON CARD _____

SIGNATURE _____

Send completed registration form to:

MAHEC Registration, 121 Hendersonville Road, Asheville, NC 28803

Fax registration to:

828-257-4768