For Radiologists, Oncologists, & Surgeons

16th Oncologic Imaging: A Multidisciplinary Approach
September 10-13, 2020

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.

New format this year!
Four half-day educational sessions so that you can enjoy all that Asheville and the Blue Ridge Mountains have to offer.
Welcome to Asheville, NC

Explore Asheville’s historic landmarks, cultural arts, and breathtaking natural beauty, all of which continue to entice and enchant visitors year after year. Enjoy restaurants, scenic drives, Fall leaf colors, family fun, the Biltmore Estate, the River Arts District, and many more local attractions.
Paul M. Silverman, MD  
Professor of Radiology, ret.  
Gerald D. Dodd Jr. Distinguished Chair  
Department of Diagnostic Radiology  
Division of Diagnostic Imaging  
MD Anderson Cancer Center

Abigail S. Caudle, MD, MS  
Associate Professor  
Department of Breast Surgical Oncology  
University of Texas MD Anderson Cancer Center

Angela S. Chen, MD  
Assistant Program Director  
Department of Emergency Medicine  
Icahn School of Medicine at Mount Sinai

Adrian J. Gonzales-Aguirre, MD  
Associate Director  
Interventional Radiology Training Program  
Memorial Sloan Kettering Cancer Center

Susan Hoover, MD, FACS  
Surgical Oncologist  
Department of Breast Oncology  
Moffitt Cancer Center

Neil S. Horowitz, MD  
Assistant Professor of Obstetrics  
Gynecology and Reproductive Medicine  
Director of Clinical Research  
Brigham and Women’s Hospital  
Dana-Farber Cancer Institute

Avinash Kambadakone Ramesh, MBBS, MD  
CT Service Chief and Associate Professor  
Harvard Medical School  
Medical Director  
Martha’s Vineyard Hospital Imaging

Cheng Ting “Tony” Lin, MD  
Assistant Professor  
Diagnostic Radiology  
Director of Thoracic Imaging  
Johns Hopkins University

Ines Nikolovski, MBBS, FRANZCR  
Assistant Attending Radiologist  
Body Imaging Service  
Department of Radiology  
Memorial Sloan Kettering Cancer Center  
Assistant Professor of Radiology  
Weill Cornell Medical College

Eric M. Rohren, MD, PhD  
Professor and Chair  
Department of Radiology  
Baylor School of Medicine

Boris Sepesi, MD, FACS  
Associate Professor  
Department of Thoracic and Cardiovascular Surgery  
University of Texas MD Anderson Cancer Center

Kathryn W. Zamora, MD, MPH  
Assistant Professor  
Breast Imaging Fellowship Director  
University of Alabama at Birmingham

Trevor Austin, MD  
Oncologist  
Messino Cancer Centers

Oliver A. R. Binns, MD  
Co-Director  
Thoracic Oncology Program Mission Hospitals  
Asheville Heart

Benjamin W. Deschner, MD  
Surgical Oncologist  
Mission Health

Sesalie L. Smathers, MD  
Radiation Oncologist  
Mission Health
Conference Agenda

THURSDAY, SEPTEMBER 10TH

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 2020

Moderator: Paul M. Silverman, MD

12:15–12:45  Artificial Intelligence (AI) in Oncologic Imaging: How close are we?
              Eric M. Rohren, MD, PhD
12:45–1:15   PET/CT: What You Need to Know as an Effective “Oncologic Radiologist”
              Eric M. Rohren, MD, PhD
1:15–1:45    New Frontiers in Surgical Oncology
              Boris Sepesi, MD, FACS
1:45–2:15    PET/CT: Pitfalls and Clinical Importance for the Radiologist and Oncologist
              Eric M. Rohren, MD, PhD
2:15–2:30    Q&A: Meet the Professors (refreshments provided)
              Eric M. Rohren, MD, PhD, and Boris Sepesi, MD, FACS

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

Moderator: Tony Lin, MD

2:30–3:00   Lung Cancer Screening: State-of-the-Art
              Tony Lin, MD
3:00–3:45   Lung Cancer: Diagnosis, Staging, and Surveillance
              Tony Lin, MD
3:45–4:15   Lung Cancer: A Surgeon’s Perspective
              Boris Sepesi, MD, FACS
4:15–4:45   Panel Discussion: Lung Cancer
              Tony Lin, MD; Boris Sepesi, MD, FACS; and Sesalie L. Smathers, MD
4:45–5:00   Q&A: Meet the Professors
              Tony Lin, MD; Boris Sepesi, MD, FACS; and Sesalie L. Smathers, MD
5:00–5:15   Break (refreshments provided)
5:15–6:00   Tumor Board: Lung Cancer
              Presenter: Tony Lin, MD
              Panelists: Boris Sepesi, MD, FACS; Eric M. Rohren, MD, PhD;
                        and Sesalie L. Smathers, MD
6:00        Adjourn
### FRIDAY, SEPTEMBER 11TH

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30–8:00</td>
<td>Registration <em>(breakfast provided)</em></td>
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<tr>
<td>8:00–8:30</td>
<td>Breast Cancer Screening: Current Concepts and Impact of Racial and Socio-economic Factors  &lt;br&gt; <em>Kathryn W. Zamora, MD, MPH</em></td>
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<tr>
<td>8:30–9:00</td>
<td>3D Mammography: Is it the screening tool of the future?  &lt;br&gt; <em>Kathryn W. Zamora, MD, MPH</em></td>
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<td>9:00–9:30</td>
<td>Multimodality Staging of Breast Cancer  &lt;br&gt; <em>Susan Hoover, MD, FACS</em></td>
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<td>9:30–10:00</td>
<td>New Advances in Breast Imaging: Contrast Enhanced Mammography (CESM)  &lt;br&gt; <em>Kathryn W. Zamora, MD, MPH</em></td>
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<tr>
<td>10:00–10:15</td>
<td>Break <em>(refreshments provided)</em></td>
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<tr>
<td>10:15–10:45</td>
<td>Breast Cancer: A Surgeon’s Perspective  &lt;br&gt; <em>Abigail S. Caudle, MD, MS</em></td>
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<td>10:45–11:15</td>
<td>A Surgeon’s View: Nodal Evaluation after Neoadjuvant Chemotherapy  &lt;br&gt; <em>Abigail S. Caudle, MD, MS</em></td>
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<td>11:15–11:45</td>
<td>Panel Discussion  &lt;br&gt; *Abigail S. Caudle, MD, MS; Kathryn W. Zamora, MD, MPH;  &lt;br&gt; <em>Susan Hoover, MD, FACS; and Sesalie L. Smathers, MD</em></td>
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<td>11:45–12:00</td>
<td>Q&amp;A: Meet the Professors  &lt;br&gt; *Abigail S. Caudle, MD, MS; Kathryn W. Zamora, MD, MPH;  &lt;br&gt; <em>Susan Hoover, MD, FACS; and Sesalie L. Smathers, MD</em></td>
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<td>12:00–12:15</td>
<td>Break <em>(refreshments provided)</em></td>
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<td>12:15–1:00</td>
<td>Tumor Board: Breast Cancer  &lt;br&gt; <em>Presenter: Susan Hoover, MD, FACS</em>  &lt;br&gt; <em>Panelists: Abigail S. Caudle, MD, MS; Kathryn W. Zamora, MD, MPH;  &lt;br&gt; and Sesalie L. Smathers, MD</em></td>
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<td>1:00</td>
<td>Adjourn</td>
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### SATURDAY, SEPTEMBER 12TH

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

**8:00–8:30** Ovarian Cancer: Diagnosis, Staging, and Surveillance  
*Ines Nikolovski, MBBS, FRANZCR*

**8:30–9:00** Ovarian Cancer: A Surgeon’s Approach  
*Neil S. Horowitz, MD*

**9:00–9:30** Cervical Cancer: Diagnosis, Staging, and Surveillance  
*Ines Nikolovski, MBBS, FRANZCR*

**9:30–10:00** Endometrial Cancer: Diagnosis, Staging, and Surveillance  
*Ines Nikolovski, MBBS, FRANZCR*

**10:00–10:15** Q&A: Meet the Professors  
*Ines Nikolovski, MBBS, FRANZCR, and Neil S. Horowitz, MD*

**10:15–10:30** Break *(refreshments provided)*

**10:30–11:15** Cervical and Endometrial Carcinoma: A Surgeon’s Approach  
*Neil S. Horowitz, MD*

**11:15–11:45** Emergencies in the Oncologic Patient: Perspective from an Emergency Department Physician  
*Angela S. Chen, MD*

**11:45–12:15** Tumor Board: Cervical, Endometrial, and Ovarian Cancers  
*Presenter: Ines Nikolovski, MBBS, FRANZCR  
Panelists: Neil S. Horowitz, MD, and Angela S. Chen, MD*

**12:45–1:00** Q&A: Gynecologic Wrap-up

**1:00** Adjourn
### SUNDAY, SEPTEMBER 13TH

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

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| 8:00–8:30 | **Complications in the Oncologic Patient:**  
Tony Lin, MD  
Pulmonary Infections in the Oncologic Patient  
*Tony Lin, MD* |
| 8:30–9:00 | **Complications of Chemo and Radiation Therapy:**  
Importance for the Oncologic Imager  
Avinash Kambadakone Ramesh, MBBS, MD  
Complications of Chemo and Radiation Therapy:  
Importance for the Oncologic Imager  
*Avinash Kambadakone Ramesh, MBBS, MD* |
| 9:00–9:30 | **Infections: Colitis, Diverticulitis, Cholecystitis, and Other “Itises” in the Immuno-compromised Patient**  
Avinash Kambadakone Ramesh, MBBS, MD  
Infections: Colitis, Diverticulitis, Cholecystitis, and Other “Itises” in the Immuno-compromised Patient  
*Avinash Kambadakone Ramesh, MBBS, MD* |
| 9:30–10:00| **Pitfalls in Abdominal Imaging in the Oncologic Patient**  
Avinash Kambadakone Ramesh, MBBS, MD  
Pitfalls in Abdominal Imaging in the Oncologic Patient  
*Avinash Kambadakone Ramesh, MBBS, MD* |
| 10:00–10:15| **Q&A: Meet the Professors**  
Avinash Kambadakone Ramesh, MBBS, MD, and Tony Lin, MD  
Q&A: Meet the Professors  
*Avinash Kambadakone Ramesh, MBBS, MD, and Tony Lin, MD* |
| 10:15–10:30| **Break** *(refreshments provided)*  
Break *(refreshments provided)* |

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| 10:30–11:00| **Complications in the Oncologic Patient:**  
Role of the Interventional Radiologist  
Moderator: Adrian J. Gonzales-Aguirre, MD  
Treating Complications in the Oncologic Patient:  
Current Role of the Interventionist  
*Adrian J. Gonzales-Aguirre, MD* |
| 11:00–11:30| Drainage and Follow-up of Abscesses: The Interventionist’s Role  
Adrian J. Gonzales-Aguirre, MD  
Drainage and Follow-up of Abscesses: The Interventionist’s Role  
*Adrian J. Gonzales-Aguirre, MD* |
| 11:30–12:00| Case Presentations and Discussion:  
Complications and Therapeutic Considerations  
Adrian J. Gonzales-Aguirre, MD  
Case Presentations and Discussion:  
Complications and Therapeutic Considerations  
*Adrian J. Gonzales-Aguirre, MD* |

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| 12:00–1:00 | **Multidisciplinary Oncology in your Practice:**  
Take-Home Messages  
Moderator: Paul M. Silverman, MD  
Multidisciplinary Approach to Cancer:  
Translating This to Your Community Practice  
Oliver A. R. Binns, MD; Trevor Austin, MD; Sesalie L. Smathers MD; Benjamin W. Deschner, MD; and Paul M. Silverman, MD  
Multidisciplinary Approach to Cancer:  
Translating This to Your Community Practice  
*Oliver A. R. Binns, MD; Trevor Austin, MD; Sesalie L. Smathers MD; Benjamin W. Deschner, MD; and Paul M. Silverman, MD* |
| 1:00       | **Evaluation and Adjourn**  
Evaluation and Adjourn |

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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; Lung, Breast, and Gynecologic Cancers; and Practical “Tumor Board” sessions

**TARGET AUDIENCE**
This course will be of value to Radiologists, Medical Oncologists, and Surgeons.

**MEDICAL COURSE DIRECTOR**
Paul M. Silverman, MD

**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 patient care
- Provide and review data on the impact of newer imaging technologies to improve confidence in diagnosing imaging findings and avoiding pitfalls
- Identify clinical needs for imaging studies and apply imaging studies which provide the most accurate diagnosis for cancer staging
- Integrate features of imaging studies which impact staging and treatment
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 19.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. (Up to 5.25 hrs on Day 1, 4.5 hrs on Day 2, 4.5 hrs on Day 3, and 4.75 hrs on Day 4)

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 2.0 CEUs as established by the National Task Force on the Continuing Education Unit. (Up to 0.5 hrs per day)

Contact Hours: Mountain Area Health Education Center (MAHEC) designates this live continuing education activity as meeting the criteria for 19.0 contact hours. (Up to 5.25 hrs on Day 1, 4.5 hrs on Day 2, 4.5 hrs on Day 3, and 4.75 hrs on Day 4)

REGISTRATION

All conference registration fees include administrative costs, educational materials, and light meals. 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)

DIRECTIONS

MAHEC Education Building
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.
DISCOUNTED LODGING

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

A block of rooms has been reserved for September 9, 2020–September 13, 2020. Please call 828-277-1800 and request the “Oncological Imaging Symposium” 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 9, 2020–September 13, 2020. Please call 828-274-1800 and request the “Oncological Imaging Symposium” group rate to make your reservation over the phone, or click here to reserve online.

FEATURED LODGING

The Omni Grove Park Inn
290 Macon Avenue, Asheville, NC 28804 | 828-252-2711 | visit website

The Inn on Biltmore Estate
1 Antler Hill Road, Asheville, NC 28803 | 800-411-3812 | visit website

Grand Bohemian Hotel Asheville
11 Boston Way, Asheville, NC 28803 | 828-505-2949 | visit website

Haywood Park Hotel & Atrium
1 Battery Park Avenue, Asheville, NC 28801 | 828-252-2522 | visit website

Cambria Hotel Downtown Asheville
15 Page Avenue, Asheville, NC 28801 | 828-348-4850 | visit website

Aloft Asheville Downtown
51 Biltmore Avenue, Asheville, NC 28801 | 828-232-2838 | visit website

Send completed registration form on following page to:
MAHEC Registration, 121 Hendersonville Road, Asheville, NC 28803
Fax registration: 828-257-4768

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
828-257-4768
www.mahec.net/cpd
registration@mahec.net

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.
Updated contact information below.

NAME ____________________________

CREDENTIALS ____________________________

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

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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 OPTIONS

☐ Vegetarian

☐ Gluten-free

☐ Vegan

EARLY BIRD RATES UNTIL 7/15/2020

Physicians (select attendance below)

☐ $725.00 Full Conf.

☐ $299.00 One Day

☐ $575.00 Two Days

Other Healthcare Providers (select attendance below)

☐ $375.00 Full Conf.

☐ $150.00 One Day

☐ $275.00 Two Days

Medical Residents (select attendance below)

☐ $225.00 Full Conf.

☐ $75.00 One Day

☐ $150.00 Two Days

REGULAR RATES EFFECTIVE 7/16/2020

Physicians (select attendance below)

☐ $799.00 Full Conf.

☐ $325.00 One Day

☐ $625.00 Two Days

Other Healthcare Providers (select attendance below)

☐ $450.00 Full Conf.

☐ $175.00 One Day

☐ $325.00 Two Days

Medical Residents (select attendance below)

☐ $299.00 Full Conf.

☐ $110.00 One Day

☐ $199.00 Two Days

MAHEC Employees ☐ FREE (must register in order to attend; select attendance below)

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)

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