The Omni Grove Park Inn Resort & Spa in Asheville, North Carolina is one of the American South's oldest and most famous grand resorts. Built in 1913 overlooking the Blue Ridge Mountains, the Inn is a favorite year-round destination. Its splendid views, old world charm, peerless amenities, long tradition of exceptional service and hospitality make it a place to savor as one of the most enduringly original and exciting resorts in America.

Amenities include golf, tennis, two pools, sports complex, 18-station Paramount fitness center, shops, fine dining and children’s programs and the finest spa in North America with over 40,000 square feet dedicated to your relaxation.

Guest rooms in the Historic Main Inn are newly refurbished and contain original solid oak furnishings. Additional features include refrigerators, coffee makers, irons and ironing boards, in-room safes, in-room pay movies, cable television, voice mail, dataports, and windows that open for fresh mountain air. Both mountain view and property view rooms are available in both the contemporary wings and historic Main Inn. The mountain view rooms face the Blue Ridge and Smoky mountain ranges with the golf course below and the City of Asheville in between. The property view rooms overlook the Spa or the front courtyard.

HOTEL RESERVATIONS

Room Rates
Room rates are $419 (Run of House) per night single/double occupancy for Run of House rooms. Upgraded rooms are available at $479 for Mountain View Rooms, $509 for Premium, and $539 for Premium Mountain View Rooms. Executive King Suites at $769 and Club Rooms at $819 available upon request. Current room tax is 13% (subject to change) and all rooms are subject to an additional $30 mandatory Resort Charge. This charge is per night per room and includes the following services: toll free and local calling, in-room high speed internet access, entrance to fitness center, in-room coffee and tea, and a newspaper available upon request. Children under 16 stay free in room with parent or adult. There is a $40 per person charge for third and fourth persons (over 18) sharing a room. Handicap accessible rooms are available. Check-in time is after 4:00 p.m. and check-out time is 11:00 a.m. Valet parking is available for $35 per night. Self-parking or day pass is $25 per night/day.

We suggest you make reservations early. This is one of the most popular times of year in the Asheville/Blue Ridge Mountain area as the brilliant color of the changing leaves brings visitors from all over.

A block of rooms has been reserved for the dates of this meeting. The rates will be available up to three days prior and three days after the meeting, subject to availability. These rooms will be held until the block is full or until the cut-off date of Wednesday, September 13, 2023.

To make reservations, call 1.800.438.5800 and reference Duke University Radiology.

For further information regarding course registration and hotel information:
Direct Travel
410.363.1300
cme@dt.com

To The Omni Grove Park Inn Resort & Spa
Asheville is located in the Western North Carolina mountains which is home to the highest mountains east of the Mississippi River. The The Omni Grove Park Inn is located just off I-140 (take I-240 into Asheville) and the Asheville Regional Airport (AVL) is nine miles southeast of Asheville (25 minutes from the The Omni Grove Park Inn).
This course has been designed for the radiologist performing a combination of cardiothoracic, musculoskeletal, abdominal, pediatric and neuroradiology imaging as well as vascular/interventional radiology.

**LEARNING OBJECTIVES:** At the conclusion of this course the participant should be able to:

- Identify and discuss the latest modalities and techniques being used in the field of Diagnostic Radiology.
- Discuss differential diagnoses of common disease processes as they are seen on radiologic images.
- Demonstrate compliance with various governing agencies to sustain accreditation, licensing and board certification requirements.

**RESOLUTION OF CONFLICTS OF INTEREST:** Duke University Health System Clinical Education & Professional Development has implemented a process to resolve any potential conflicts of interest for each continuing education activity in order to help ensure content objectivity, independence, fair balance, and the content that is aligned with the interest of the public.

**DISCLAIMER:** The information provided at this CME activity is for continuing medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient’s medical condition.

**CREDIT DESIGNATION:** Duke University Health System Department of Clinical Education and Professional Development designates this live activity for a maximum of 20 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**FACULTY**

- Joseph Cao, MD  
  Medical Instructor
- Nicholas Befera, MD  
  Assistant Professor
- Kevin Kalisz, MD  
  Assistant Professor
- Lynne Hurwitz Koweek, MD  
  Professor
- Michael Malinzak, MD, PhD  
  Assistant Professor
- Emily Vinzent, MD  
  Associate Professor

All speakers are faculty members in the Department of Radiology at Duke University Medical Center.

For further information regarding the course and AMA PRA Category 1 Credit(s)™:

- **Debbie Griffin**  
  Department of Radiology  •  Box 3808  
  Duke University Medical Center  
  Durham, NC 27710  
  919.684.7228  
  deborah.griffin@duke.edu
MONDAY, OCTOBER 16, 2023

7:30 am  MRI of the Ankle: Lateral Ankle Pain – Emily Vinson
8:15 am  Neuro-oncology Imaging: Pearls and Pitfalls Post-2021 WHO Update – Mike Malinzak
9:00 am  Imaging and Intervention for the Acute GI Bleed – Nick Befera
9:30 am  Q&A
9:45 am  Break
10:00 am CT and MRI Findings in Chronic Central Venous Occlusion – Nick Befera
10:30 am Postoperative Spine Imaging – Mike Malinzak
11:15 am Hepatocellular Carcinoma — Expected and Unexpected Imaging Findings Post-Intervention – Nick Befera
11:45 am Interesting MSK Cases – Emily Vinson
12:30 pm Q&A
12:45 pm Adjourn

TUESDAY, OCTOBER 17, 2023

7:30 am  When It’s Not an RCC: Imaging of Uncommon Renal Lesions – Kevin Kalisz
8:15 am  Imaging Findings Post-Cryo and RF Ablation of Renal Masses – Nick Befera
8:45 am  Acute Findings in Pediatric Neuroradiology – Mike Malinzak
9:30 am  Q&A
9:45 am  Break
10:00 am New Treatments for Spontaneous Intracranial Hypotension — Embolization of Spinal CSF-Dural Venous Fistulae – Nick Befera
10:30 am Headache Imaging and Management of Post Dural Puncture Headache – Mike Malinzak
11:15 am It’s in the Pipes: Interesting Vascular Cases in the Abdomen and Pelvis – Kevin Kalisz
11:45 am Diagnostic Dilemmas in IR – Nick Befera
12:15 pm Beyond CT: Imaging of Abdominal Emergencies at MRI – Kevin Kalisz
12:45 pm Q&A
1:00 pm Adjourn
<table>
<thead>
<tr>
<th>Time</th>
<th>Wednesday, October 18, 2023</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Cardiac CTA: Current Guidelines and Outcomes – Lynne Koweek</td>
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<tr>
<td>8:15 am</td>
<td>Cardiovascular Findings on Non-cardiac Cross-sectional Imaging: Relevance to the Non-cardiac Radiologist – Kevin Kalisz</td>
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<tr>
<td>9:00 am</td>
<td>Mediastinal Spaces and Masses – Joseph Cao</td>
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<tr>
<td>9:45 am</td>
<td>Q&amp;A</td>
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<td>10:00 am</td>
<td>Break</td>
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<tr>
<td>10:15 am</td>
<td>Cardiac CTA: CADRADS 2.0 Interpretation and Reporting – Lynne Koweek</td>
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<tr>
<td>10:45 am</td>
<td>Hydronephrosis and UTD – Joseph Cao</td>
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<tr>
<td>11:30 am</td>
<td>Uncommon Pancreatic Masses and Pitfalls Mimicking Malignancy – Kevin Kalisz</td>
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<tr>
<td>12:00 pm</td>
<td>Cardiac CT: Workflow Opportunities – Lynne Koweek</td>
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<tr>
<td>12:30 pm</td>
<td>Q&amp;A</td>
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<td>12:45 pm</td>
<td>Adjourn</td>
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<thead>
<tr>
<th>Time</th>
<th>Thursday, October 19, 2023</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Ground-glass Opacities on Thoracic CT Part 1 – Lynne Koweek</td>
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<tr>
<td>8:15 am</td>
<td>MRI of the Knee Part 1: Focus on Meniscus Pathology – Emily Vinson</td>
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<tr>
<td>9:00 am</td>
<td>Ground-glass Opacities on Thoracic CT Part 2 – Lynne Koweek</td>
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<tr>
<td>9:30 am</td>
<td>Q&amp;A</td>
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<tr>
<td>9:15 am</td>
<td>Break</td>
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<tr>
<td>10:00 am</td>
<td>Pediatric Fracture Patterns and Normal Variants – Joseph Cao</td>
</tr>
<tr>
<td>10:45 am</td>
<td>MRI of the Knee Part 2: Avoiding Common Pitfalls – Emily Vinson</td>
</tr>
<tr>
<td>11:30 am</td>
<td>Neonatal Head Ultrasound – Joseph Cao</td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>12:30 pm</td>
<td>Adjourn</td>
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REGISTRATION FEES
Registration fee is $1,050 on or before September 16, 2023. We offer discounted registration rates to Duke Radiology alumni of $900 and Military/NonMD/Intraining/Retired of $850. Beginning September 17 there is a $75 late fee in addition to the registration fee. In an effort to be more environmentally conscious, we will only distribute syllabus materials to the attendees electronically. The fee is payable by check made out to “Direct Travel” or by Visa, MasterCard, American Express or Discover. There is a $100 administrative fee for cancellation. Written notification must be received by October 13, 2023 to receive refund.

We are excited to announce that Duke Radiology now has an app available where you can access ALL course content. In an effort to be more environmentally conscious, we no longer offer any printed materials on site. You will be able to download lecture pdf’s as well as connect with speakers and attendees. More details on how to access it will be emailed to you after you register for the course.

SPECIAL NEEDS STATEMENT
Americans with Disabilities
Act (ADA) The Duke Department of Radiology is committed to making its activities accessible to all individuals. If you are in need of an accommodation, please do not hesitate to call and/or submit a description of your needs in writing in order to receive service.