



JOHNS HOPKINS
M E D I C I N E

Office of Continuing Medical Education
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Baltimore, Maryland 21205-2195

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Upcoming CT Courses

34th Annual Computed Body Tomography 2018:

The Cutting Edge
Loews Portofino Hotel
at Universal Studios
Orlando, Florida
February 16-19, 2018

Hot Topics in Body CT Scanning: What You Need to Know

Fall 2018



DATED MATERIAL

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10883>

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Organization Code: HopkinsCME

The Russell H. Morgan
Department of Radiology and Radiological Science
presents

Hot Topics in Body CT Scanning: What You Need to Know

May 5 – 8, 2018

**Sheraton Music City Hotel
Nashville, Tennessee**

Activity Director: Elliot K. Fishman, MD, FACR

Visit our CT Education Website: www.CTISUS.com

This activity is approved for *AMA PRA Category 1 Credits™*.

This activity has been approved for Category A, ARRT
continuing education credits.



JOHNS HOPKINS
MEDICINE

Description

The rapid evolution of multidetector CT (MDCT) has impacted all aspects of patient diagnosis from cardiac imaging to vascular imaging to hepatic imaging. The development of these new scanners requires a close look at all aspects of our CT programs ranging from our scan protocols, to contrast injection to the use of oral contrast. The new clinical applications require a better understanding of our scanners as the “room for error” has decreased with scanners routinely acquiring datasets in under 10 seconds. New applications have evolved from coronary CTA to virtual colonoscopy to dual energy imaging, to name a few. Classic applications like imaging the liver, kidneys or pancreas have changed with the role of multiphase acquisition and post processing techniques becoming more critical. This has been both a time of change and a time of excitement. This meeting will provide the attendee with an improved understanding of the role of MDCT today and will help them improve their practice skills and knowledge base. Whether it is designing new scan protocols or learning new skill sets, this meeting will be a catalyst for increasing your core competencies through a series of lectures and hands-on training over a four-day period. The goal of the meeting is to improve your ability to do the best studies possible for optimal patient care in your own practice.

Who Should Attend

This activity is intended for radiologists and radiologic technologists.

Objectives

After attending this activity, the participant will demonstrate the ability to:

- Describe the current state-of-the-art of CT scanning today and its impact in clinical practice.
- Define the role of post processing techniques like MPR and 3D in clinical practice.
- Discuss the issues of radiation dose in CT and how to minimize dose exposure for your patients.
- Identify the newest scan protocols including the optimal use of oral and IV contrast agents.
- Recognize how to manage incidentalomas in the kidney, adrenal and pancreas.
- Define the role of Cardiac CT in practice today including study technique and optimal study design.
- Apply your expertise in abdominal imaging including details of renal, liver, kidney and bowel imaging.
- Summarize your knowledge in thoracic imaging including pulmonary embolism studies and HRCT.
- Identify the current applications for musculoskeletal CT imaging.
- Assess your knowledge of vascular imaging including the role of 3D imaging in these applications.

Accreditation Statement

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



Credit Designation Statement

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 21 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credits

This activity has been approved by AHRA, the approving RCEEM: The Association for Medical Imaging Management for a maximum of 19 Category A, ARRT

continuing education credits. *You must attend each session in its entirety to obtain credit. No partial session credit will be awarded.*

This activity meets all Certified Radiology Administrator (CRA) renewal credit criteria and has been approved for up to 19 continuing education credits in the following CRA domains: Operations Management and Asset Management.

Policy on Speaker and Provider Disclosure

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

General Information

Registration

Saturday, May 5, 2018 • 7:00 – 7:55 a.m.

Hotel and Travel Arrangements

Sheraton Music City Hotel (888) 627-7060
777 McGavock Pike (615) 885-2200
Nashville, Tennessee 37214

Hotel Reservation Cut-Off Date: April 16, 2018

Enjoy a warm, southern welcome at the Sheraton Music City Hotel. Connect with the heart of downtown Nashville at the Country Music Hall of Fame or experience the awe of The Grand Ole Opry. The Nashville International Airport is also just minutes away. Make your reservation online at <https://www.starwoodmeeting.com/events/start.action?id=1707201823&key=2B9F1B6D> or call the hotel directly at (888) 627-7060 and specify that you are attending the **Johns Hopkins Hot Topics in Body CT Scanning Conference** to receive the special group rate of \$179 per night, single or double, plus tax. This group rate will apply three days prior and three days after the conference dates.

We strongly encourage you to book your accommodations at the Sheraton Music City Hotel which is the conference headquarters hotel. The Johns Hopkins Office of CME makes every effort to secure the best rate for overnight accommodations. The rates are part of a negotiated conference package that incorporates many services. By staying at the host hotel and booking within the room block, you help us maintain current conference benefits and keep future registration fees reasonable. Please consider this when making your overnight accommodations decision.

Fees

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, continental breakfasts, and refreshment breaks.

	Early Bird by 2/15/2018	After 2/15/2018
Physicians	\$695	\$795
Technologists/Residents*/ Fellows*/Nurses/ Allied Health Professionals	\$550	\$650

*with verification of status

You will receive a confirmation by e-mail. If you have not received it by **April 29, 2018**, call (410) 502-9636 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

Late Fee and Refund Policy

A \$50 late fee applies to registrations received after 5:00 p.m. ET on April 29, 2018. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by April 29, 2018. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

Printed Syllabus

All registrants will receive a flash drive with the slides and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of \$60. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

Evaluation and Outcomes Survey

Post activity, an online evaluation form will be available to attendees to evaluate the activity and individual presentations and identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner's practice.

Emergency Calls

On **May 5-8, 2018** direct emergency calls to (615) 885-2200 and ask that a message be sent to the Johns Hopkins registration desk. Messages will be posted for participants.

Americans with Disabilities Act

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

Acknowledgment

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

Program

Saturday, May 5, 2018

- 7:00 – 7:55 Registration and Continental Breakfast
- 7:55 – 8:00 **Welcome and Conference Goals**
Elliot K. Fishman, MD, FACP
- 8:00 – 8:40 **Protocol Design for CT: Pearls and Pitfalls**
Elliot K. Fishman, MD, FACP
- 8:40 – 9:20 **Artificial Intelligence in Radiology: What You Need to Know**
Karen M. Horton, MD
- 9:20 – 10:00 **3D Imaging: Current State-of-the-Art**
Elliot K. Fishman, MD, FACP
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **CT Evaluation of GI Bleeding**
Elliot K. Fishman, MD, FACP
- 11:00 – 11:40 **Pancreatic Carcinoma and Its Aggressive Imaging Phenotype**
R. Brooke Jeffrey, MD
- 11:40 – 12:20 **Missed Diagnosis in CT: Pearls and Pitfalls**
Elliot K. Fishman, MD, FACP
- 12:20 – 12:30 **Questions and Answers Session**
- 12:30 – 2:00 Lunch (on your own)
- 2:00 – 2:40 **Pancreatic Cystic Lesions: Update and Recommendations**
R. Brooke Jeffrey, MD
- 2:40 – 3:20 **CT of the Adrenal Gland: Imaging Strategies**
Elliot K. Fishman, MD, FACP
- 3:20 – 4:00 **Lessons in Leadership: Improving Your Practice**
Karen M. Horton, MD
- 4:00 – 4:40 **Acute Abdomen: Challenging Cases**
R. Brooke Jeffrey, MD
- 4:40 – 4:50 **Questions and Answers Session**
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Sunday, May 6, 2018

- 7:00 – 8:00 Continental Breakfast
- 7:00 – 8:00 **Hands on Workstation Training Session 1**
- 8:00 – 8:40 **Renal Tumor Imaging**
Ronald Zagoria, MD
- 8:40 – 9:20 **Blunt Trauma: Challenging Cases**
R. Brooke Jeffrey, MD
- 9:20 – 10:00 **CT Urography**
Ronald Zagoria, MD
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **CT of Incidentalomas: Strategies**
Elliot K. Fishman, MD, FACP
- 11:00 – 11:40 **Imaging Urinary Tract Infections**
Ronald Zagoria, MD
- 11:40 – 12:20 **Patient Centered Radiology**
Ella Kazerooni, MD
- 12:20 – 12:30 **Questions and Answers**
- 12:30 – 1:45 **Hands on Workstation Training Session 2**
- 2:00 – 3:15 **Hands on Workstation Training Session 3**

Monday, May 7, 2018

- 7:00 – 8:00 Continental Breakfast
- 7:00 – 8:00 **Hands on Workstation Training Session 4**
- 8:00 – 8:40 **Radiographic Contrast Agents**
Ronald Zagoria, MD
- 8:40 – 9:20 **HRCT in Interstitial Lung Disease**
Ella Kazerooni, MD
- 9:20 – 10:00 **Medical Management and Follow Up of Aortic Diseases**
Thomas Traill, MD
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **Lung Cancer Screening – Lung RAD**
Ella Kazerooni, MD
- 11:00 – 11:40 **What the Radiologist Needs to Know About Adults with Congenital Heart Disease**
Thomas Traill, MD
- 11:40 – 12:20 **Lung Cancer Screening – Quality and Performance**
Ella Kazerooni, MD
- 12:20 – 12:30 **Questions and Answers**
- 12:30 – 1:45 **Hands on Workstation Training Session 5**
- 2:00 – 3:15 **Hands on Workstation Training Session 6**
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Tuesday, May 8, 2018

- 7:00 – 8:00 Continental Breakfast
- 8:00 – 8:40 **MDCT Angiography of Upper and Lower Extremity Trauma**
Jan Fritz, MD
- 8:40 – 9:20 **Acute Pancreatitis: What the Referring Physician Need to Know**
Atif Zaheer, MD
- 9:20 – 10:00 **MDCT of the Spine: Pre-Operative Evaluation**
Jan Fritz, MD
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **CT of Liver Masses: From Benign to Malignant**
Atif Zaheer, MD
- 11:00 – 11:40 **MDCT of the Spine: Post-Operative Evaluation**
Jan Fritz, MD
- 11:40 – 12:20 **MDCT of the Mesenteric Vaculature**
Atif Zaheer, MD
- 12:20 – 12:30 **Questions and Answers**
- 12:30 Adjourn
You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance. The Registration Desk will remain open during conference hours.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

This schedule is subject to change.

Speakers

Johns Hopkins Speakers

Elliot K. Fishman, MD, FACR

Course Director

Professor of Radiology and Radiological Science and
of Oncology, Surgery & Urology
Director, Diagnostic Imaging and Body CT

Jan Fritz, MD

Associate Professor of Radiology and Radiological Science

Karen M. Horton, MD, FACR

Professor and Chair

Department of Radiology and Radiological Science

Thomas Traill, MD

Professor of Medicine

Atif Zaheer, MD

Associate Professor of Radiology and Radiological Science

Guest Speakers

R. Brooke Jeffrey, MD

Professor of Radiology

Stanford University

Stanford, California

Ella Kazerooni, MD

Professor of Radiology and Internal Medicine

University of Michigan

Ann Arbor, Michigan

Ronald Zagoria, MD

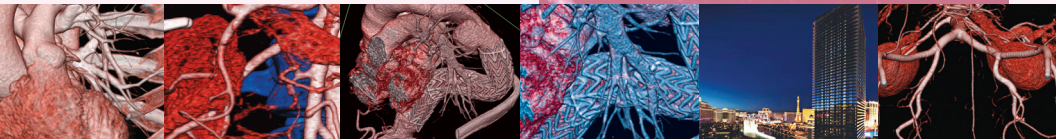
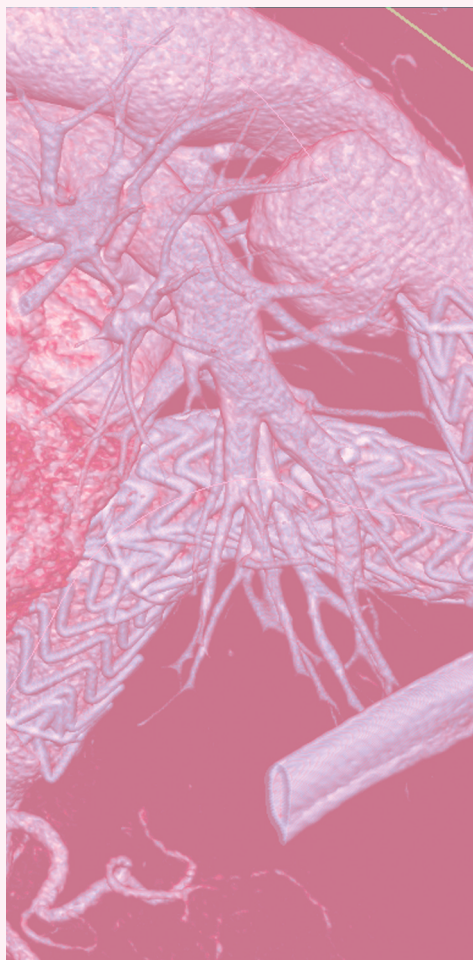
Professor, Abdominal Imaging Section Chief

and Vice Chair

UCSF Department of Radiology and

Biomedical Engineering

San Francisco, California



To Register or For Further Information

Register Online <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10883>

Register by Phone (410) 502-9634

Register by Fax (866) 510-7088

Confirmation/Certificates/Transcripts (410) 502-9634

General Information (410) 955-2959

Email the Office of CME cmenet@jhmi.edu

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>

For website and CloudCME mobile app technical difficulties, email: cmetechnicalsupport@jhmi.edu

Visit our CT Education Website: www.CTISUS.com

For general information, the link for this CME activity page is: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10883>

CloudCME 

Check out our mobile
app **CloudCME**.

Organization Code: HopkinsCME

Registration Form

Course Number 80043934/10883

Hot Topics in Body CT Scanning: What You Need to Know

May 5–8, 2018

To Register: **Online** <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10883>

By fax: (866) 510-7088 **By phone:** (410) 502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

last name		first name		m.i.	
highest degree	primary specialty		Hopkins faculty/staff only: JHED ID		
For Physicians Only: NPI – 10 digits			State License #		State of License
mailing address					
city		state	ZIP	country	
daytime telephone			fax number		
e-mail (required)					

Check here if you wish to receive e-mail notices about upcoming CME activities.

I plan to stay at the Sheraton Music City Hotel in Nashville, Tennessee.

What do you hope to learn by attending this activity? _____

Please notify us if you have any special needs. _____

Workshops:

Each registrant will attend one workshop. Please select in order of preference – 1, 2, 3.

Sunday: ___ Session 1: 7:00 - 8:00 a.m. ___ Session 2: 12:30 - 1:45 p.m. ___ Session 3: 2:00 - 3:15 p.m.

Monday: ___ Session 4: 7:00 - 8:00 a.m. ___ Session 5: 12:30 - 1:45 p.m. ___ Session 6: 2:00 - 3:15 p.m.

Registration Fees:

	Early Bird by 2/15/2018	After 2/15/2018
<input type="checkbox"/> Physicians	\$695	\$795
<input type="checkbox"/> Technologists/Residents*/Fellows*/Nurses/Allied Health Professionals.....	\$550	\$650
<input type="checkbox"/> Printed Syllabus	\$60	\$60

*with verification of status

The registration fee includes instructional materials and refreshment breaks. For registrations received after 5:00 p.m. ET on **April 29, 2018** include a \$50 late fee. On-site registrations are payable only by credit card.

Payment Type:

Total amount \$ _____

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

TR Form: <http://benefits.jhu.edu/documents/trffacandstaff.pdf>

ION Form: <http://hopkinscme.edu/migration/IonRequest.pdf>

e-Check: Routing #: _____ **Account #:** _____

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ Exp. Date _____

Billing Zip Code _____ Security Code _____

Name on Card

Signature & Date