

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

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

May 17–19, 2019
Gaylord Opryland Hotel and Convention Center
Nashville, Tennessee

Activity Director: Elliot K. Fishman, MD, FACR

Visit our CT Education Website: CTISUS.com

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

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



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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.
- 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 18 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 16.75 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 16.75 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 conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

General Information

Registration

Friday, May 17, 2019 • 7:00 – 7:55 a.m.

Hotel and Travel Arrangements

**Gaylord Opryland Hotel
And Convention Center** (877) 491-7397
(615) 889-1000
2800 Opryland Drive
Nashville, Tennessee 37214

Hotel Reservation Cut-Off Date: April 16, 2019

Enjoy a warm, southern welcome at the Gaylord Opryland Hotel and Convention Center. 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 bit.ly/2SNAdv5 or call the hotel directly at (877) 491-7397 and specify that you are attending the **Johns Hopkins University School of Medicine conference** to receive the special group rate of \$199 per night, single or double, plus tax. A daily resort fee of \$20 will apply. The resort fee includes in-room wireless internet access and other hotel amenities.

We strongly encourage you to book your accommodations at the Gaylord Opryland Hotel and Convention Center 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 3/15/2019	After 3/15/2019
Physicians	\$695	\$795
Technologists/Residents*/ Fellows*/Nurses/Allied Health Professionals *with verification of status	\$550	\$650
Printed Syllabus	\$65	\$65

You will receive a confirmation by e-mail. If you have not received it by **May 12, 2019**, 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 **May 12, 2019**. 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 **May 12, 2019**. 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 \$65. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

How to Obtain Credit

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. **The last day to access the evaluation and attest to your credits is July 3, 2019.**

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

Emergency Calls

On **May 17-19, 2019** direct emergency calls to (615) 889-1000 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

Friday, May 17, 2019

- 7:00 – 7:55 Registration and Continental Breakfast
- 7:55 – 8:00 **Welcome and Conference Goals**
Elliot K. Fishman, MD, FACR
- 8:00 – 8:40 **Protocol Optimization for Body CT: What You Need to Know**
Elliot K. Fishman, MD, FACR
- 8:40 – 9:20 **Radiation Dose Reduction in CT: Advanced Tools and Common Sense**
Geoffrey D. Rubin, MD
- 9:20 – 10:00 **Interstitial Lung Disease on HRCT – Pattern Based Approach**
Charles White, MD
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **Occupational Lung Disease – CT Findings**
Charles White, MD
- 11:00 – 11:40 **CT Evaluation of Renal Masses**
Elliot K. Fishman, MD, FACR
- 11:40 – 12:20 **CT Angiography of the Abdominal Aorta and Its Branches**
Geoffrey D. Rubin, MD
- 12:20 – 12:30 **Questions and Answers Session**
- 12:30 – 2:00 Lunch (on your own)
- 2:00 – 2:40 **CT Angiography of Peripheral Vascular Disease**
Geoffrey D. Rubin, MD
- 2:40 – 3:20 **CT of Adrenal Masses: How to Optimize Lesion Classification**
Elliot K. Fishman, MD, FACR
- 3:20 – 4:00 **Pulmonary Embolism Imaging on CT: Old and New Insights**
Charles White, MD
- 4:00 – 4:40 **CT Evaluation of Small Bowel Tumors**
Elliot K. Fishman, MD, FACR
- 4:40 – 5:00 **Questions and Answers Session**
- 5:00 – 6:00 **Hands-On Workstation Training Session I**

Saturday, May 18, 2019

- 7:00 – 8:00 Continental Breakfast
- 7:00 – 8:00 **Hands-On Workstation Training Session 2**
- 8:00 – 8:40 **CT Evaluation of Acute Aortic Emergencies**
Linda Chu, MD
- 8:40 – 9:20 **Imaging Coronary Artery Disease with CT**
Geoffrey D. Rubin, MD
- 9:20 – 10:00 **Artificial Intelligence (AI) in Radiology: What You Need to Know**
Elliot K. Fishman, MD, FACR
- 10:00 – 10:20 Refreshment Break

- 10:20 – 11:00 **Cinematic Rendering - Clinical Applications in 3D Imagery**
Steve Rowe, MD
- 11:00 – 11:40 **MDCT Evaluations of Acute Chest Pain in the Emergency Room**
Charles White, MD
- 11:40 – 12:20 **CT Evaluation of the Post-Operative Aorta**
Linda Chu, MD
- 12:20 – 12:30 **Questions and Answers Session**
- 12:30 – 2:00 Lunch (on your own)
- 1:00 – 2:00 **Hands-On Workstation Training Session 3**
- 2:00 – 2:40 **CT of Musculoskeletal System Protocols**
Jan Fritz, MD
- 2:40 – 3:20 **CT Evaluation of the Stomach**
Elliot K. Fishman, MD, FACR
- 3:20 – 4:20 **Hands-On Workstation Training Session 4**

Sunday, May 19, 2019

- 7:00 – 8:00 Continental Breakfast
- 7:00 – 8:00 **Hands-On Workstation Training Session 5**
- 8:00 – 8:40 **When To Recommend PET/CT (and When Not To)**
Steve Rowe, MD
- 8:40 – 9:20 **MDCT of the Pancreas: Pearls and Pitfalls**
Linda Chu, MD
- 9:20 – 10:00 **Pearls and Pitfalls in PET/CT Interpretation**
Steve Rowe, MD
- 10:00 – 10:20 Refreshment Break
- 10:20 – 11:00 **MDCT of the Spine: Pre-Operative Evaluation**
Jan Fritz, MD
- 11:00 – 11:40 **MDCT Evaluation of Pancreatic Surgery
Normal Post-Op and Complications**
Linda Chu, MD
- 11:40 – 12:20 **MDCT of the Spine: Post-Operative Evaluation**
Jan Fritz, 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 FACULTY

Elliot K. Fishman, MD, FACR

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

Linda Chu, MD

*Assistant Professor of Radiology and
Radiological Science*

Jan Fritz, MD

*Associate Professor of Radiology and
Radiological Science*

Steve Rowe, MD

*Associate Professor of Radiology and
Radiological Science*

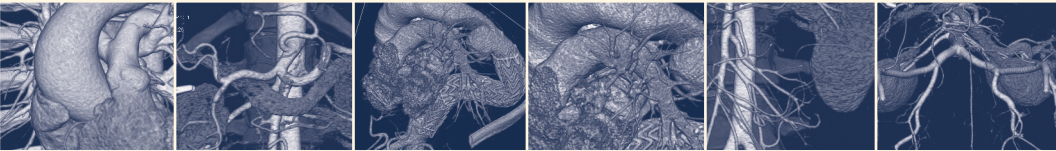
GUEST SPEAKERS

Geoffrey D. Rubin, MD

*Professor of Radiology and Bioengineering
Duke University
Durham, North Carolina*

Charles White, MD

*Professor of Radiology
Chief, Thoracic Imaging
Vice Chairman, Clinical Affairs
University of Maryland
Baltimore, Maryland*



To Register or For Further Information

Register Online hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=16734
Register by Phone (410) 502-9636
Register by Fax (866) 510-7088
Confirmation/Certificates/Transcripts (410) 502-9636
General Information (410) 955-2959
Email the Office of CME cmenet@jhmi.edu

Follow us on Twitter: twitter.com/HopkinsCME

Facebook: facebook.com/HopkinsCME

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

Visit our CT Education Website: CTISUS.com

For general information, the link for this CME activity page is: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=16734

CloudCME 

**Check out our mobile
app CloudCME.**

Organization Code: *HopkinsCME*

Registration Form

Course Number 80047902 / 16734

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

May 17–19, 2019

To Register: Online hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=16734

By fax: (866) 510-7088 **By phone:** (410) 502-9636

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
organization		mailing address	
city		state	ZIP
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 Gaylord Opryland Hotel and Convention Center 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.

FRIDAY: ___ **Session 1:** 5:00 – 6:00 p.m.

SATURDAY: ___ **Session 2:** 7:00 – 8:00 a.m. ___ **Session 3:** 1:00 – 2:00 p.m. ___ **Session 4:** 3:20 – 4:20 p.m.

SUNDAY: ___ **Session 5:** 7:00 – 8:00 a.m.

Registration Fees:

	Early Bird By 3/15/2019	After 3/15/2019
<input type="checkbox"/> Physicians	\$695	\$795
<input type="checkbox"/> Technologists/Residents*/Fellows*/Nurses/Allied Health Professionals *with verification of status	\$550	\$650
<input type="checkbox"/> Printed Syllabus	\$65	\$65

The registration fee includes instructional materials and refreshment breaks. For registrations received after 5:00 p.m. ET on **May 12, 2019** include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount \$ _____

Payment Type:

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: benefits.jhu.edu/documents/trffacandstaff.pdf

ION Form: 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



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DATED MATERIAL

Upcoming CT Courses

**35th Annual Computed
Body Tomography 2019:
The Cutting Edge**

Walt Disney World Swan Hotel
Orlando, Florida
February 7-10, 2019

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What You Need to Know**

Fall 2019



CloudCME

Check out our
mobile app CloudCME.

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