



JOHNS HOPKINS
M E D I C I N E

Office of Continuing Medical Education
720 Rutland Avenue / Turner 20
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

(Presidents' Day Weekend)

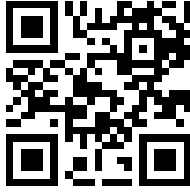
Hot Topics in Body CT Scanning:

What You Need to Know

Sheraton Music City Hotel

Nashville, Tennessee

May 5-8, 2018



CloudCME

Check out our mobile app CloudCME.

Organization Code: **HopkinsCME**

<https://hopkinscme.cloud-cme.com/aph.aspx->

?P=5&EID=9594

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

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

October 21 – 24, 2017
ARIA Hotel
Las Vegas, Nevada

Course Director: Elliot K. Fishman, MD, FACR

Visit our CT Education website at www.CTISUS.com

This activity is approved for *AMA PRA Category 1 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.
- Recognize the potential role of artificial intelligence in CT scanning and radiology.
- 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 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credit

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, October 21, 2017
7:00 – 7:55 a.m.

Hotel and Travel Arrangements

ARIA Hotel (866) 359-7757
3730 South Las Vegas Boulevard (702) 590-7111
Las Vegas, Nevada 89158

Hotel Reservation Cut-Off Date: September 20, 2017

The ARIA Hotel is an exciting new hotel and resort that is re-defining the convention and meeting experience in Las Vegas. It includes premier restaurants and boutiques, a full-service space and three unique pool experiences. Make your reservation online at <https://aws.passkey.com/go/JHSMOCT17> or call the hotel directly at (866) 359-7757 and specify that you are attending the Johns Hopkins Hot Topics in Body CT Scanning conference to receive the special group rate of \$214 per night, single or double, plus tax. This group rate will apply three days prior and three days after the conference dates. A daily resort fee of \$32 will apply. The resort fee includes the following hotel amenities: property-wide high speed internet access, public spaces and in-room unlimited local and toll-free calls, airline boarding pass printing, notary service, daily digital newspaper access and fitness center access for guests 18 and over.

We strongly encourage you to book your accommodations at the ARIA 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

Registration Cut-Off Date: October 15, 2017

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.

Physicians	\$795
Technologists/Residents*/Fellows*/	
Nurses/Allied Health Professionals	\$650
*with verification of status	

You will receive a confirmation by e-mail. If you have not received it by **October 15, 2017**, call (410) 502-9634 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 **October 15, 2017**. 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 **October 15, 2017**. 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 **October 21-24, 2017** direct emergency calls to (702) 590-7111 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.*

To Register or For Further Information

Register Online

.....<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9495>

Register by Phone.....(410) 502-9634

Register by Fax.....(866) 510-7088

Confirmation/Certificates/Transcripts.....(410) 502-9634

General Information.....(410) 955-2959

E-mail the Office of CME.....cmenet@jhmi.edu

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

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



Check out our mobile app CloudCME.

Organization Code: **HopkinsCME**

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

Visit our CT Education Website: www.CTISUS.com

Program

Saturday, October 21, 2017

- 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 Design in CT: What You Need to Know**
Elliot K. Fishman, MD, FACR
- 8:40 - 9:20 **Artificial Intelligence: What You Need to Know**
Karen M. Horton, MD
- 9:20 - 10:00 **3D Imaging in CT: Current Status**
Elliot K. Fishman, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **MDCT of the Pre-Op Aorta**
Stefan Zimmerman, MD
- 11:00 - 11:40 **CT Evaluation of Small Bowel Tumors**
Elliot K. Fishman, MD
- 11:40 - 12:20 **CT of Pancreatic Masses: Cystic Lesions**
Karen M. Horton, MD
- 12:20 - 12:30 **Questions and Answers Session**
- 12:30 - 2:00 Lunch (on your own)
- 2:00 - 2:40 **CT of Pancreatic Masses: Solid Lesions**
Karen M. Horton, MD
- 2:40 - 3:20 **MDCT of the Post-Operative Aorta**
Stefan Zimmerman, MD
- 3:20 - 4:00 **CT Evaluation of GI Bleeding: Current Strategies**
Elliot K. Fishman, MD
- 4:00 - 4:40 **MDCT in TAVR: How We Do It**
Stefan Zimmerman, MD
- 4:40 - 4:50 **Questions and Answers Session**
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Sunday, October 22, 2017

- 7:00 - 8:00 Continental Breakfast
- 7:00 - 8:00 **Hands on Workstation Training Session 1**
- 8:00 - 8:40 **Imaging of the Solitary Pulmonary Nodule: Current Status**
Charles White, MD
- 8:40 - 9:20 **Missed Diagnosis on CT: How We Do It**
Elliot K. Fishman, MD, FACR
- 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 **Interstitial Lung Disease on HRCT: Idiopathic Interstitial Pneumonia**
Charles White, MD
- 11:00 - 11:40 **Lessons in Leadership: Improving Your Practice**
Karen M. Horton, MD
- 11:40 - 12:20 **Cardiovascular Pitfalls in MDCT**
Stefan Zimmerman, MD
- 12:20 - 12:30 **Questions and Answers Session**
- 12:30 - 1:00 Lunch (on your own)
- 12:30 - 1:45 **Hands on Workstation Training Session 2**
- 2:00 - 3:15 **Hands on Workstation Training Session 3**

Monday, October 23, 2017

- 7:00 - 8:00 Continental Breakfast
- 7:00 - 8:00 **Hands on Workstation Training Session 4**
- 8:00 - 8:40 **CT of Renal Masses: A Practical Approach**
Fergus Coakley, MD
- 8:40 - 9:20 **Pulmonary Embolism Imaging: Old and New Insights**
Charles White, MD
- 9:20 - 10:00 **Pearls and Pitfalls in Body CT**
Fergus Coakley, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **Understanding and Avoiding Malpractice in Body CT**
Fergus Coakley, MD
- 11:00 - 11:40 **Findings in the Heart Visible on Chest CT**
Charles White, MD
- 11:40 - 12:20 **MDCT Angiography of Upper and Lower Extremity Trauma**
Jan Fritz, MD
- 12:20 - 12:30 **Questions and Answers Session**
- 12:30 - 1:00 Lunch (on your own)
- 12:30 - 1:45 **Hands on Workstation Training Session 5**
- 2:00 - 3:15 **Hands on Workstation Training Session 6**

Tuesday, October 24, 2017

- 7:00 - 8:00 Continental Breakfast
- 8:00 - 8:40 **MDCT of the Spine: Pre and Post-Operative Evaluation**
Jan Fritz, MD
- 8:40 - 9:20 **CT Radiation Dose: Magnitude and Mitigation**
Fergus Coakley, MD
- 9:20 - 10:00 **MDCT of Tumors and Tumor-Like Lesions of the Skeleton**
Jan Fritz, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **CT Evaluation of the GU Tract: Non-Neoplastic Disease**
Elliot K. Fishman, MD
- 11:00 - 11:40 **Hot Topics in Musculoskeletal CT**
Jan Fritz, MD
- 11:40 - 12:20 **CT of Adrenal Gland: Imaging Strategies**
Elliot K. Fishman, MD, FACR
- 12:20 - 12:30 **Questions and Answers Session**
- 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

Jan Fritz, MD

Associate Professor of Radiology and Radiological Science

Karen M. Horton, MD

Professor and Interim Chair

Department of Radiology and Radiological Science

Stefan Zimmerman, MD

Associate Professor of Radiology and Radiological Science

Guest Speakers

Fergus Coakley, MD

Professor and Chair

Department of Diagnostic Radiology

Oregon Health and Science University

Portland, Oregon

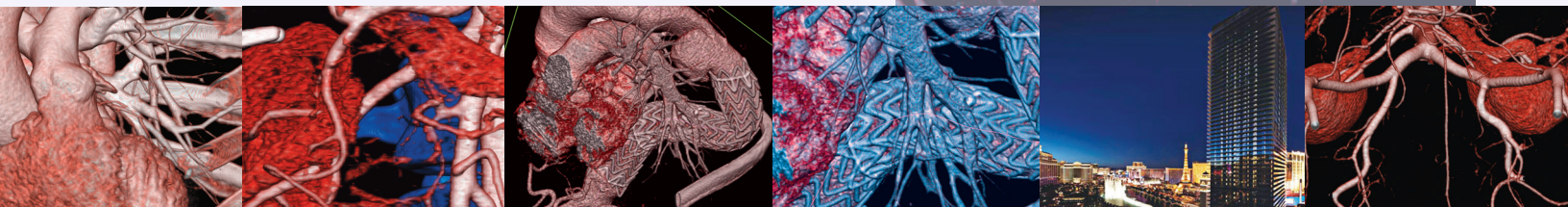
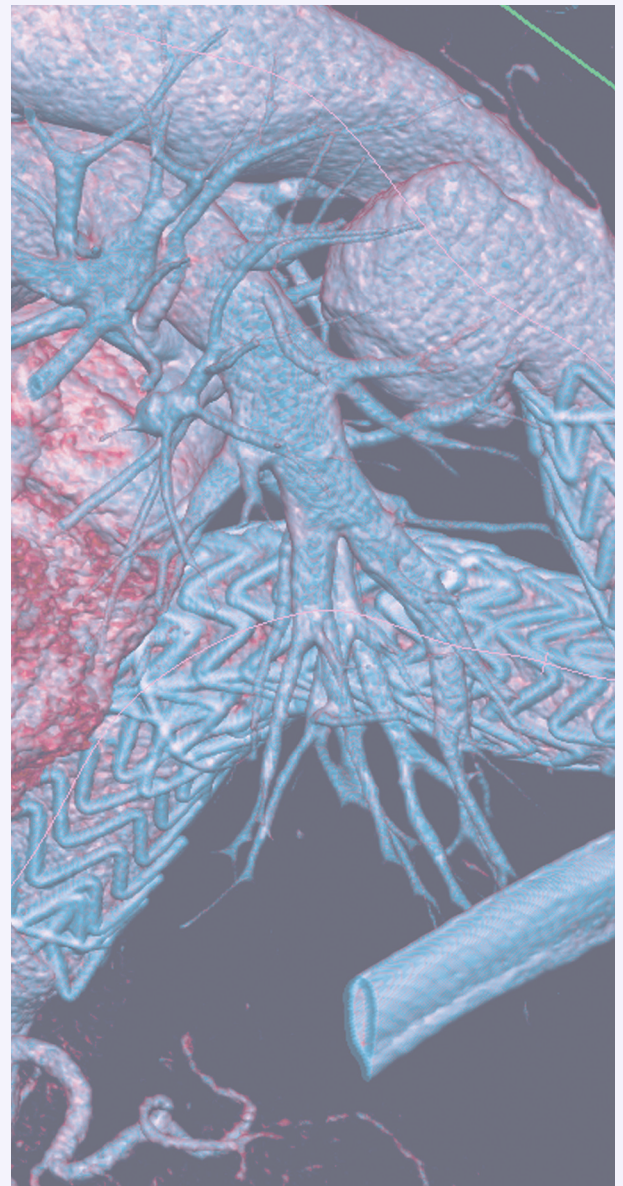
Charles White, MD

Professor of Radiology and Internal Medicine

Director of Thoracic Imaging

University of Maryland Medical Center

Baltimore, Maryland



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.

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

October 21-24, 2017

To Register: Online: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9495>

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 field)					

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

I plan to stay at the ARIA Hotel in Las Vegas, Nevada

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:

- Physicians \$795
 - Technologists/Residents*/Fellows/Nurses/Allied Health Professionals \$650
 - Printed Syllabus (Optional) \$60
- *with verification of status

The registration fee includes instructional materials and refreshment breaks. For registrations received after 5:00 p.m. ET on **October 15, 2017** 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: <http://benefits.jhu.edu/documents/trffacandstaff.pdf>

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

e-Check: Routing Number _____ Account Number _____

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ - _____ - _____ Exp. Date _____

Billing Zip Code _____ Security Code _____

Name on Card

Signature and Date