



**JOHNS HOPKINS**  
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## Upcoming CT Courses

**34th Annual Computed  
Body Tomography 2018:  
The Cutting Edge**

February 2018

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

ARIA Hotel, Las Vegas, Nevada

October 21-24, 2017



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

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

**June 15 – 18, 2017**

**ARIA Hotel  
Las Vegas, Nevada**

**Activity Director: Elliot K. Fishman, MD, FACR**

Visit our CT Education Website: [www.CTISUS.com](http://www.CTISUS.com)

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

This activity has been approved for Category A ARRT credits  
for technologists



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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.
- Identify the role of CT in pediatric applications.
- 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

Thursday, June 15, 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: May 15, 2017

The ARIA Hotel is an exciting new hotel that is redefining 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/JHSMJUN17> 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 \$129 for the nights of June 14 and June 15, 2017 and \$229 for the nights of June 16 and June 17, 2017, 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: June 9, 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 June 9, 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 June 9, 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 June 9, 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 **June 15-18, 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.*

## 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.*

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# Program

## Thursday, June 15, 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: How We Do It**  
Elliot K. Fishman, MD, FACR
- 8:40 - 9:20 **Radiation Dose in CT: Risk and Imaging Strategies**  
Marilyn J. Siegel, MD
- 9:20 - 10:00 **Missed Diagnosis in Body CT: Pitfalls and Pearls**  
Elliot K. Fishman, MD, FACR
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **Incidental Lesions of the Liver and Pancreas: New ACR Recommendations**  
Richard M. Gore, MD
- 11:00 - 11:40 **CT Pediatric Patient 2017: How I Do It**  
Marilyn J. Siegel, MD
- 11:40 - 12:20 **Abdominal Complications in the Oncology Patient**  
Richard M. Gore, MD
- 12:20 - 12:30 **Questions and Answers Session**
- 12:30 - 2:00 Lunch (on your own)
- 2:00 - 2:40 **CT of Renal Tumors: Imaging Strategies**  
Elliot K. Fishman, MD, FACR
- 2:40 - 3:20 **Extraluminal Gas: Diagnosis and Implications**  
Richard M. Gore, MD
- 3:20 - 4:00 **CTA of Mediastinal Vascular Anomalies in Adults**  
Marilyn J. Siegel, MD
- 4:00 - 4:40 **CT Evaluation of Adrenal Masses: Imaging Strategies**  
Elliot K. Fishman, MD, FACR
- 4:40 - 4:50 **Panel Discussion**  
Elliot K. Fishman, MD, FACR, Richard M. Gore, MD, and Marilyn J. Siegel, MD
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## Friday, June 16, 2017

- 7:00 - 8:00 Continental Breakfast
- 7:00 - 8:00 **Hands on Workstation Training Session 1**
- 8:00 - 8:40 **CT of the Acute Abdomen in Children and Adults**  
Marilyn J. Siegel, MD
- 8:40 - 9:20 **Staging Upper GI Tract Malignancies**  
Richard M. Gore, MD
- 9:20 - 10:00 **MDCT of the Acute Abdomen: GU Applications**  
Karen M. Horton, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **Virtual Colonography 2017: How We Do It, Part I**  
Karen M. Horton, MD
- 11:00 - 11:40 **CT Evaluation of Small Bowel Tumors**  
Elliot K. Fishman, MD, FACR
- 11:40 - 12:20 **Virtual Colonography 2017: How We Do It, Part II**  
Karen M. Horton, MD
- 12:20 - 12:30 **Questions and Answers**
- 12:30 - 1:00 Lunch (on your own)
- 1:00 - 2:15 **Hands on Workstation Training Session 2**
- 2:20 - 3:40 **Hands on Workstation Training Session 3**

## Saturday, June 17, 2017

- 7:00 - 8:00 Continental Breakfast
- 7:00 - 8:00 **Hands on Workstation Training Session 4**
- 8:00 - 8:40 **HRCT Diagnosis of Diseases You Will See: Classic Patterns, Part I**  
W. Richard Webb, MD
- 8:40 - 9:20 **CT Evaluation of Small Bowel Obstruction**  
Karen M. Horton, MD
- 9:20 - 10:00 **HRCT Diagnosis of Diseases You Will See: Classic Patterns, Part II**  
W. Richard Webb, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **Pulmonary Infections: CT Patterns and Classification**  
W. Richard Webb, MD
- 11:00 - 11:40 **Lessons in Leadership: Improving Your Practice**  
Karen M. Horton, MD
- 11:40 - 12:20 **CT Evaluation of Pericardial Disease**  
Linda Chu, MD
- 12:20 - 12:30 **Questions and Answers**
- 12:30 - 1:00 Lunch (on your own)
- 1:00 - 2:15 **Hands on Workstation Training Session 5**
- 2:20 - 3:40 **Hands on Workstation Training Session 6**

## Sunday, June 18, 2017

- 7:00 - 8:00 Continental Breakfast
- 8:00 - 8:40 **CT Evaluation of Pulmonary Embolism**  
W. Richard Webb, MD
- 8:40 - 9:20 **CT Evaluation of Pancreatic Cancer**  
Elliot K. Fishman, MD, FACR
- 9:20 - 10:00 **CT Evaluation of Thoracic Aortic Emergencies**  
Linda Chu, MD
- 10:00 - 10:20 Refreshment Break
- 10:20 - 11:00 **CT Evaluation of Hepatic Masses, Part I**  
Elliot K. Fishman, MD, FACR
- 11:00 - 11:40 **CT Evaluation of the Post-Operative Aorta**  
Linda Chu, MD
- 11:40 - 12:20 **CT Evaluation of Hepatic Masses, Part II**  
Elliot K. Fishman, MD, FACR
- 12:20 - 12:30 **Questions and Answers Session**  
Elliot K. Fishman, MD, FACR
- 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**

*Activity Director*

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

**Karen M. Horton, MD**

*Professor and Interim Chair*

*Department of Radiology and Radiological Science*

**Linda Chu, MD**

*Assistant Professor of Radiology and  
Radiological Science*

## Guest Speakers

**Richard M. Gore, MD**

*Professor of Radiology*

*The University of Chicago Pritzker School of Medicine  
Chief, Gastrointestinal Radiology  
North Shore University Health System  
Evanston, Illinois*

**Marilyn J. Siegel, MD**

*Professor of Radiology and Pediatrics*

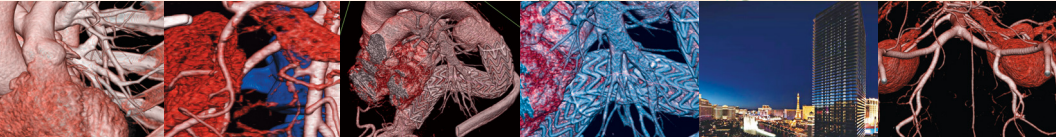
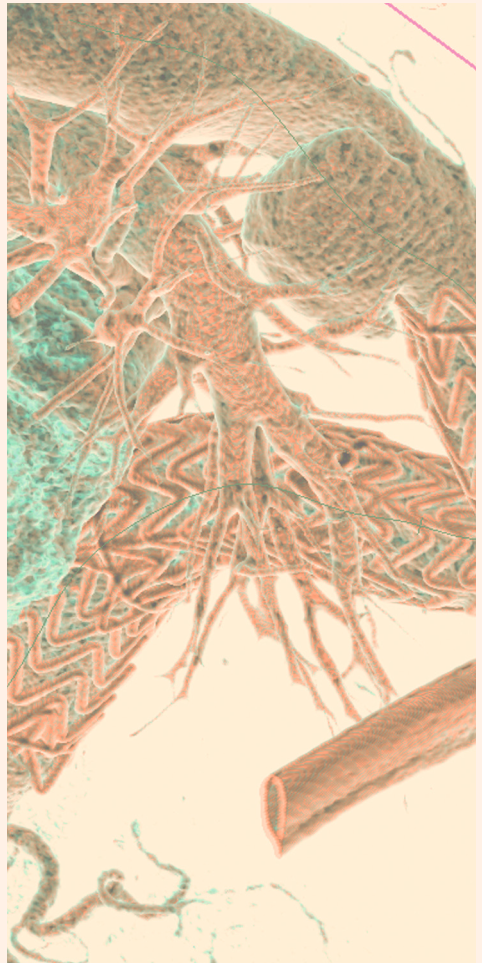
*Washington University School of Medicine  
Edward Mallinckrodt Institute of Radiology  
St. Louis, Missouri*

**W. Richard Webb, MD**

*Professor of Radiology*

*University of California, San Francisco*

*Professor Emeritus of Radiology and Biomedical Imaging  
San Francisco, California*



## To Register or For Further Information

Register Online <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9577>

Register by Phone (410) 502-9634

Register by Fax (866) 510-7088

Confirmation/Certificates/Transcripts (410) 502-9634

General Information (410) 955-2959

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

For website and CloudCME mobile app technical difficulties, email: [cmtechsupport@jhmi.edu](mailto:cmtechsupport@jhmi.edu)

Visit our CT Education Website: [www.CTISUS.com](http://www.CTISUS.com)

For general information, the link for this CME activity page is: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9577>

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**NEW! Check out our  
mobile app CloudCME.**

*Organization Code: HopkinsCME*

# Registration Form

Course Number 80042439/9577

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

June 15-18, 2017

**To Register: Online** <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=9577>

**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 ARIA Hotel in Las Vegas, NV.

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: 7:00 - 8:00 a.m. \_\_\_ Session 2: 1:00 - 2:15 p.m. \_\_\_ Session 3: 2:20 - 3:40 p.m.

**Saturday:** \_\_\_ Session 4: 7:00 - 8:00 a.m. \_\_\_ Session 5: 1:00 - 2:15 p.m. \_\_\_ Session 6: 2:20 - 3:40 p.m.

### Registration Fees:

Physicians ..... \$795

Technologists/Residents\*/Fellows\*/Nurses/Allied Health Professionals ..... \$650

Printed Syllabus ..... \$60

\*with verification of status

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. EST on **June 9, 2017**, 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