



JOHNS HOPKINS
M E D I C I N E

Office of Continuing Medical Education
Turner 20, 720 Rutland Avenue
Baltimore, Maryland 21205-2195

33RD ANNUAL

**COMPUTED BODY
TOMOGRAPHY**
2 0 1 7
THE CUTTING EDGE



LOEWS PORTOFINO BAY HOTEL AT
UNIVERSAL STUDIOS, ORLANDO, FLORIDA
FEBRUARY 18-21, 2017

UPCOMING CONFERENCES

HOT TOPICS IN BODY CT SCANNING: WHAT YOU NEED TO KNOW
ARIA Hotel, Las Vegas, Nevada • **October 20-23, 2016**
Las Vegas, Nevada • **June and October 2017**

CONTINUING MEDICAL EDUCATION

THE RUSSELL H. MORGAN
DEPARTMENT OF RADIOLOGY
AND
RADIOLOGICAL SCIENCE
PRESENTS

33RD ANNUAL

**COMPUTED BODY
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THE CUTTING EDGE

FEBRUARY 18-21, 2017



LOEWS PORTOFINO
BAY HOTEL
AT UNIVERSAL STUDIOS
ORLANDO, FLORIDA

PRESIDENT'S HOLIDAY WEEKEND!

ACTIVITY DIRECTOR
ELLIOT K. FISHMAN, MD, FACR

VISIT OUR CT EDUCATION WEBSITE AT
WWW.CTISUS.COM

THIS ACTIVITY HAS BEEN APPROVED FOR
AMA PRA CATEGORY 1 CREDITS™.

THIS ACTIVITY HAS BEEN APPROVED FOR
CATEGORY A CE CREDITS FROM THE AHRA.



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Baltimore, MD
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DESCRIPTION

Due to rapid advances in technology, radiologists and radiologic technologists often require a comprehensive review of recent advances in computed body tomography. This activity will focus on multidetector/multislice CT and newer systems including dual-source CT scanners. The schedule offers a series of 40-minute lectures designed to concentrate on specific topics in-depth, including state-of-the-art technology and software. Participants will have the opportunity to expand their knowledge of the latest concepts and principles of helical CT, thoracic CT, cardiac CT and CTA, the uses of CT in the GI tract, the liver, spleen and kidneys, as well as virtual colonoscopy and imaging the oncologic patient.

WHO SHOULD ATTEND

This activity is intended for radiologists and radiologic technologists.

OBJECTIVES

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

- Summarize the latest concepts in the chest and cardiac CT, including coronary artery imaging.
- Analyze the newest applications of multidetector/multislice CT.
- Identify the role of CT in GI pathology, including virtual colonoscopy.
- Recognize the latest concepts in liver and renal imaging.
- Define the current role of MDCT/CTA in the evaluation of pancreatic and renal tumors.
- Explain the current role of CT angiography and how to optimize its performance.

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 19.50 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 16.50 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

Venetian Foyer

Friday, February 17 • 6:00 - 7:30 p.m.

Saturday, February 18 • 7:00 - 7:55 a.m.

LOCATION

Loews Portofino Bay Hotel at Universal Studios

5601 Universal Boulevard

(866) 360-7395

Orlando, Florida 32819

(407) 503-1000

Hotel Reservation Cut-Off Date: January 26, 2017

The Loews Portofino Bay Hotel, located on-site at Universal Studios, Orlando, is a luxurious recreation-filled hotel with excellent up-to date meeting space. Take advantage of all the amenities, service and exclusive deluxe on-site hotel guest benefits by booking your stay. Located just 15 miles from Orlando International Airport (MCO), 12 miles from downtown Orlando and minutes from many other Orlando attractions.

Make your reservation early to assure your reservation and the negotiated room rate of \$259 single/double, plus taxes. Reservations are accepted by phone or online at: <http://uo.loewshotels.com/en/Portofino-Bay-Hotel/GroupPages/JohnsHopkins>.

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 \$55. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

FEES

REGISTRATION CUT-OFF DATE: February 13, 2017

Register Online at:

<https://HopkinsCME.cloud-cme.com/aph.aspx?P=5&EID=6635>

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.

By/After November 30, 2016

Physicians	\$695/\$795
Residents*/Fellows*/Technologists/ Allied Health Professionals	\$550/\$650
Retired and Military Personnel.....	\$495
*with verification of status	

You will receive a confirmation by e-mail. Otherwise confirmation will be sent by mail. If you have not received it by **February 13, 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. EST on **February 13, 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 **February 13, 2017**. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

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 **February 18-21, 2017**, direct emergency calls to (407) 503-1000 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

SATURDAY, FEBRUARY 18, 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 **HRCT Diagnosis of Diseases You Will See: Classic Patterns (Part 1)**
 W. Richard Webb, MD
 9:20 - 10:00 **Missed Diagnosis in Abdominal CT: How To Avoid Them**
 Elliot K. Fishman, MD, FACR
 10:00 - 10:20 Refreshment Break
 10:20 - 11:00 **HRCT Diagnosis of Diseases You Will See: Classic Patterns (Part 2)**
 W. Richard Webb, MD
 11:00 - 11:40 **Cystic Renal Disease**
 Michael P. Federle, MD
 11:40 - 12:20 **CT of Adrenal Masses: A Pattern Approach**
 Elliot K. Fishman, MD, FACR
 12:20 - 12:30 Questions and Answers Session
 12:30 - 2:00 Lunch (on your own)
 2:00 - 2:40 **Pulmonary Infections: CT Patterns and Classifications (Part 1)**
 W. Richard Webb, MD
 2:40 - 3:20 **CT Imaging of the Mesentery**
 Michael P. Federle, MD
 3:20 - 4:00 **CT of Incidentalomas – Management Strategies**
 Elliot K. Fishman, MD, FACR
 4:00 - 4:40 **CT Evaluation of Colon Pathology**
 Michael P. Federle, MD
 4:40 - 4:50 Questions and Answers Session

SUNDAY, FEBRUARY 19, 2017

- 7:00 - 8:00 **Hands-on Workstation Training 1**
 7:00 - 8:00 Continental Breakfast
 8:00 - 8:40 **Focal Liver Lesions in the Non-Cirrhotic Liver**
 Michael P. Federle, MD
 8:40 - 9:20 **CT Diagnosis of Pulmonary Embolism – Update and Controversies**
 W. Richard Webb, MD
 9:20 - 10:00 **Diffuse Liver Disease – CT Evaluation**
 Michael P. Federle, MD
 10:00 - 10:20 Refreshment Break
 10:20 - 11:00 **Pulmonary Infection: CT Patterns and Classification (Part 2)**
 W. Richard Webb, MD
 11:00 - 11:40 **CT Evaluation of Small Bowel Tumors**
 Elliot K. Fishman, MD, FACR
 11:40 - 12:20 **Virtual Colonoscopy 2017: Where Are We?**
 Karen M. Horton, MD
 12:20 - 12:30 Questions and Answers
 12:30 - 1:00 Lunch (on your own)
 12:45 - 2:15 **Hands-on Workstation Training 2**
 2:30 - 4:00 **Hands-on Workstation Training 3**

MONDAY, FEBRUARY 20, 2017

- 7:00 - 8:00 **Hands-on Workstation Training 4**
 7:00 - 8:00 Continental Breakfast
 8:00 - 8:40 **MDCT Evaluation of the Pre-Operative Aorta**
 Stefan Zimmerman, MD
 8:40 - 9:20 **MDCT of the Acute Abdomen: GI Applications**
 Karen M. Horton, MD
 9:20 - 10:00 **MDCT Evaluation of the Post-Operative Aorta**
 Stefan Zimmerman, MD
 10:00 - 10:20 Refreshment Break
 10:20 - 11:00 **CT Evaluation of Small Bowel Obstruction**
 Karen M. Horton, MD
 11:00 - 11:40 **CT Imaging of the Mesenteric Vasculature**
 Atif Zaheer, MD
 11:40 - 12:20 **Cardiac CT: What You Need to Know**
 Stefan Zimmerman, MD
 12:20 - 12:30 Questions and Answers
 12:30 - 1:00 Lunch (on your own)
 12:45 - 2:15 **Hands-on Workstation Training 5**
 2:30 - 4:00 **Hands-on Workstation Training 6**

TUESDAY, FEBRUARY 21, 2017

- 7:00 - 8:00 Continental Breakfast
 8:00 - 8:40 **Cardiovascular Pitfalls on MDCT**
 Stefan Zimmerman, MD
 8:40 - 9:20 **MDCT of the Acute Abdomen: GU Applications**
 Karen M. Horton, MD
 9:20 - 10:00 **CT of Gastric Pathology: A Second Look at a Classic Application**
 Elliot K. Fishman, MD, FACR
 10:00 - 10:20 Refreshment Break
 10:20 - 11:00 **Reporting Pancreatic Adenocarcinoma: What the Surgeon Needs to Know**
 Atif Zaheer, MD
 11:00 - 11:40 **3D Imaging: Is It Finally Time?**
 Elliot K. Fishman, MD, FACR
 11:40 - 12:20 **Cystic Lesions of the Pancreas**
 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.

JOHNS HOPKINS SPEAKERS

ELLIOT K. FISHMAN, MD, FACR

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

KAREN M. HORTON, MD

Professor and Interim Chair
Department of Radiology and
Radiological Science

ATIF ZAHEER, MD

Associate Professor of Radiology and
Radiological Science

STEFAN ZIMMERMAN, MD

Associate Professor of Radiology and
Radiological Science

GUEST SPEAKERS

MICHAEL P. FEDERLE, MD

Professor of Radiology
Associate Chair, Education
Stanford University
Stanford, California

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=6635>
Register by Phone (410) 502-9634
Register by Fax (866) 510-7088
Confirmation/Certificates (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>

For general information, the direct link for this CME activity is:
<https://HopkinsCME.cloud-cme.com/aph.aspx?P=5&EID=6635>

Visit our CT Education Website: www.CTISUS.com

NEW! Check out our mobile app CloudCME.
Organization Code: HopkinsCME



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

UPCOMING CONTINUING MEDICAL EDUCATION ACTIVITIES

HOT TOPICS IN BODY CT SCANNING: WHAT YOU NEED TO KNOW

ARIA Hotel, Las Vegas, Nevada

October 20 – 23, 2016

HOT TOPICS IN BODY CT SCANNING: WHAT YOU NEED TO KNOW

Las Vegas, Nevada

June and October 2017

34TH ANNUAL COMPUTED BODY TOMOGRAPHY 2018:

THE CUTTING EDGE

Florida

February 2018

REGISTRATION FORM Course Number 80040379/6635

33RD ANNUAL COMPUTED BODY TOMOGRAPHY 2017: THE CUTTING EDGE

February 18-21, 2017

TO REGISTER:

Online: <https://HopkinsCME.cloud-cme.com/aph.aspx?P=5&EID=6635>

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, 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	
mailing address				
city		state	ZIP + 4 code	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 Loews Portofino Hotel in Universal Orlando, Florida.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Workshops: Each participant will attend one workshop. Please select in order of preference—1, 2, 3.

Sunday, February 19, 2017:

___ Session 1, 7:00-8:00 AM
___ Session 2, 12:45-2:15 PM
___ Session 3, 2:30-4:00 PM

Monday, February 20, 2017:

___ Session 4, 7:00-8:00 AM
___ Session 5, 12:45-2:15 PM
___ Session 6, 2:30-4:00 PM

Registration Fees:

By/After November 30, 2016

Physicians..... \$695/\$795
 Residents*/Fellows*/Technologists/
Allied Health Professionals..... \$550/\$650
*with verification of status
 Retired and Military Personnel \$495
 Printed Syllabus..... \$55

The registration fee includes instructional materials, food and beverage.

For registrations received after 5:00 p.m. EST on **February 13, 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>

Check: Routing # _____ Account # _____

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ - _____ - _____ Exp. Date _____

Billing Zip Code _____ Security Code _____

Name on Card

Signature and Date