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



# Hot Topics in Body CT Scanning:

What You Need to Know

November 14 - 16, 2019

The Mirage Hotel • Las Vegas, Nevada

This activity is approved for AMA PRA Category 1 Credits™
This activity has been approved for Category A, ARRT
continuing education credits.

**36TH ANNUAL** 

# COMPUTED BODY TOMOGRAPHY 2020: THE CUTTING EDGE

February 14 - 16, 2020

Walt Disney World Swan Hotel • Lake Buena Vista, Florida

This activity is approved for AMA PRA Category 1 Credits<sup>TM</sup>. This activity has been approved for Category A, ARRT continuing education credits.

Activity Director: Elliot K. Fishman, MD, FACR • Visit our CT Education website: CTISUS.com



# **Hot Topics in Body CT Scanning:**

What You Need to Know

November 14 - 16, 2019

#### 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 three-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:

- Comprehend the current state of CT scanning today and its impact on clinical practice
- Optimize your CT scan protocols including the use of oral and IV contrast agents
- Define the role of post processing techniques like MPR and 3D imaging including Cinematic Rendering in clinical practice
- Discuss the issues of radiation dose in CT and how to minimize dose exposure for your patients
- Recognize how to manage incidentalomas in the kidney, adrenal and pancreas
- Increase your knowledge in abdominal imaging with special focus on renal, liver, adrenal and bowel imaging
- Define the role of cardiac CT in practice today including scan technique and optimal study design
- Increase your knowledge of vascular imaging including the role of 3D imaging in these applications
- Recognize the role of CT in the evaluation of musculoskeletal patholgy
- Identify the role of CT in imaging the spine
- Study the latest developments in Artificial Intelligence (AI) and their potential impact on your practice.

#### **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 18.25 AMA PRA Category I 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 14 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 14 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**

Thursday, November 14, 2019 • 7:00 - 7:55 a.m.

#### **LOCATION**

#### The Mirage Hotel

3400 South Las Vegas Boulevard Las Vegas, Nevada 89109 Call Center (702) 791-7444

### HOTEL RESERVATION CUT-OFF DATE: October 14, 2019

Make your reservation online at book.passkey.com/go/ HotTopicsbodyctscan or contact the Call Center directly at (702) 791-7444 and specify that you are attending the Johns Hopkins Hot Topics in Body CT Scanning conference to receive the special group rate of \$105 for the nights of Wednesday and Thursday, and \$195 for Friday night, single or double, plus tax. A daily resort fee of \$35 will apply.

#### GENERAL INFORMATION

The resort fee includes in-room wireless internet access and other hotel amenities.

We strongly encourage you to book your accommodations at The Mirage 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**

#### Register Online:

hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=20975

#### **REGISTRATION CUT-OFF DATE: November 9, 2019**

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 8/31/19	After 8/31/19
Physicians	\$695	\$795
Technologists/Residents*/ Fellows*/Nurses/Allied Health Professionals *with verification of status	\$550	\$650
Retired and Military Personnel	\$495	\$495
Printed Syllabus	\$65	\$65

You will receive a confirmation by e-mail. If you have not received it by November 8, 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 November 8, 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 November 8, 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 will be available to attendees to evaluate the activity and individual presentations and to 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 December 31, 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.

#### 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: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=20975

Confirmation/Certificates/Transcripts......(410) 502-9636 General Information.......(410) 955-2959 E-mail the Office of CME cmenet@jhmi.edu
Follow us on Twitter: twitter:com/HopkinsCME

Facebook: facebook.com/HopkinsCME



Check out our mobile app CloudCME.

Organization Code: hopkinscme

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

For general information, please visit the activity webpage at: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=20975

Visit our CT Education Website: CTISUS com

#### **PROGRAM**

THUR	SDAY, NOVEMBER 14, 2019	9:20 – 10:00	Incidental Findings at Abdominal CT Perry J. Pickhardt, MD
7:00 - 7:55	Registration and Continental Breakfast	10:00 - 10:20	Refreshment Break
7:55 – 8:00	Welcome and Conference Goals Elliot K. Fishman, MD, FACR	10:20 – 11:00	Artificial Intelligence in Radiology: Current Status and Trends
8:00 - 8:40	Protocol Optimization for Body CT: What You Need to Know Elliot K. Fishman, MD, FACR	11:00 – 11:40	Elliot K. Fishman, MD, FACR  Cystic Lesions of the Pancreas: An Update
8:40 - 9:20	The Use of Positive Oral Contrast in Abdominal CT	11:40 – 12:20	Atif Zaheer, MD, FACR  Cardiac CT for the
9:20 – 10:00	Perry J. Pickhardt, MD  Pitfalls and Errors in Body CT: What They Are and How to Avoid Them		Non-Cardiac Radiologist: What You Need to Know Elliot K. Fishman, MD, FACR
10.00 10.20	Elliot K. Fishman, MD, FACR	12:20 – 12:30	•
	Refreshment Break	12:30 – 2:00	· / /
	CT Evaluation of Gastric Pathology Elliot K. Fishman, MD, FACR	12:45 – 1:45	Hands-On Workstation Training Session 3
11:00 – 11:40	Abdominopelvic Complications Related to Oncologic Therapy Perry J. Pickhardt, MD	2:00 - 2:40	Cinematic Rendering – Clinical Applications in 3D Imaging Steven Rowe, MD
11:40 – 12:20	CT Evaluation of Small Bowel Tumors Elliot K. Fishman, MD, FACR	2:40 - 3:20	CT Musculoskeletal Protocols: Applications and Utilization  an Fritz, MD
12:20 - 12:30	Questions and Answers Session	3:20 - 4:20	Hands-On Workstation
12:30 - 2:00	Lunch (on your own)		Training Session 4
2.00 2.40	(III. J		
2:00 - 2:40	"Understanding" NAFLD:	SATU	RDAY, NOVEMBER 16, 2019
2:00 – 2:40	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD	7:00 – 8:00	RDAY, NOVEMBER 16, 2019  Hands-On Workstation Training Session 5
2:40 - 3:20	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD CT of Liver Masses: From Benign to Malignant	7:00 - 8:00 7:00 - 8:00	Hands-On Workstation Training Session 5 Continental Breakfast
	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD CT of Liver Masses: From Benign to Malignant Atif Zaheer, MD, FACR CT of the Adrenal Gland:	7:00 - 8:00	Hands-On Workstation Training Session 5
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2:40 - 3:20 3:20 - 4:00 4:00 - 4:40	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD  CT of Liver Masses: From Benign to Malignant Atif Zaheer, MD, FACR  CT of the Adrenal Gland: How to Evaluate an Adrenal Mass Elliot K. Fishman, MD, FACR  Renal Cell Carcinoma: Diagnosis, Staging and Surveillance Atif Zaheer, MD, FACR	7:00 - 8:00 7:00 - 8:00 8:00 - 8:40 8:40 - 9:20	Hands-On Workstation Training Session 5 Continental Breakfast When to Recommend PET/CT (and When Not To) Steven Rowe, MD CT/CTA of Musculoskeletal Trauma Jan Fritz, MD Pearls and Pitfalls in PET/CT Interpretation
2:40 - 3:20 3:20 - 4:00 4:00 - 4:40 4:40 - 4:50	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD  CT of Liver Masses: From Benign to Malignant Atif Zaheer, MD, FACR  CT of the Adrenal Gland: How to Evaluate an Adrenal Mass Elliot K. Fishman, MD, FACR  Renal Cell Carcinoma: Diagnosis, Staging and Surveillance Atif Zaheer, MD, FACR  Questions and Answers Session	7:00 - 8:00 7:00 - 8:00 8:00 - 8:40 8:40 - 9:20 9:20 - 10:00	Hands-On Workstation Training Session 5 Continental Breakfast When to Recommend PET/CT (and When Not To) Steven Rowe, MD CT/CTA of Musculoskeletal Trauma Jan Fritz, MD Pearls and Pitfalls in PET/CT Interpretation Steven Rowe, MD
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2:40 - 3:20 3:20 - 4:00 4:00 - 4:40 4:40 - 4:50 4:50 - 5:50	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD CT of Liver Masses: From Benign to Malignant Atif Zaheer, MD, FACR CT of the Adrenal Gland: How to Evaluate an Adrenal Mass Elliot K. Fishman, MD, FACR Renal Cell Carcinoma: Diagnosis, Staging and Surveillance Atif Zaheer, MD, FACR Questions and Answers Session Hands-On Workstation	7:00 - 8:00 7:00 - 8:00 8:00 - 8:40 8:40 - 9:20 9:20 - 10:00	Hands-On Workstation Training Session 5 Continental Breakfast When to Recommend PET/CT (and When Not To) Steven Rowe, MD CT/CTA of Musculoskeletal Trauma Jan Fritz, MD Pearls and Pitfalls in PET/CT Interpretation Steven Rowe, MD Refreshment Break MDCT of the Spine:
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2:40 - 3:20 3:20 - 4:00 4:00 - 4:40 4:40 - 4:50 4:50 - 5:50 FRIE 7:00 - 8:00	Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD CT of Liver Masses: From Benign to Malignant Atif Zaheer, MD, FACR CT of the Adrenal Gland: How to Evaluate an Adrenal Mass Elliot K. Fishman, MD, FACR Renal Cell Carcinoma: Diagnosis, Staging and Surveillance Atif Zaheer, MD, FACR Questions and Answers Session Hands-On Workstation Training Session I DAY, NOVEMBER 15, 2019 Hands-On Workstation Training Session 2 Continental Breakfast MDCT Evaluation of Small Bowel Obstruction	7:00 - 8:00 7:00 - 8:00 8:00 - 8:40 8:40 - 9:20 9:20 - 10:00 10:00 - 10:20 10:20 - 11:00 11:00 - 11:40	Hands-On Workstation Training Session 5 Continental Breakfast When to Recommend PET/CT (and When Not To) Steven Rowe, MD CT/CTA of Musculoskeletal Trauma Jan Fritz, MD Pearls and Pitfalls in PET/CT Interpretation Steven Rowe, MD Refreshment Break MDCT of the Spine: Pre-Operative Evaluation Jan Fritz, MD CT Evaluation of the Abdominal Aorta and Its Branches Elliot K. Fishman, MD, FACR MDCT of the Spine: Post-Operative Evaluation Jan Fritz, MD
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form and to attest to the number of hours in attendance. The Registration Desk will remain open during conference hours.

# 36TH ANNUAL COMPUTED BODY TOMOGRAPHY 2020: THE CUTTING EDGE

February 14 - 16, 2020

#### 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 pancreatic imaging 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 pancreas.
- · 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.

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#### **GENERAL INFORMATION**

#### REGISTRATION

Mockingbird Foyer Friday, February 14, 2020 • 7:00 – 7:55 a.m.

#### **LOCATION**

#### Walt Disney World Swan Hotel

1200 Epcot Resorts Boulevard800-227-1500Lake Buena Vista, Florida 32830407-934-4000Website: swandolphinmeetings.com

## HOTEL RESERVATION CUT-OFF DATE: Monday, January 13, 2020, 5:00 p.m. ET

The Johns Hopkins Office of CME makes every effort to secure the best rate for overnight accommodations. The rate is 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.

A recipient of the prestigious Meetings and Conventions Hall of Fame Award, the Walt Disney World Swan and Dolphin is a nationally respected and recognized leader in the Disney convention resort arena. Located just 20 minutes from Orlando International Airport (MCO), 15 minutes from downtown Orlando and minutes from many other Orlando attractions.

Take advantage of all the amenities, exclusive guest services and negotiated room rate of \$259 single/double, plus \$28 resort fee and taxes per night, by booking your stay at our headquarters hotel. Call the hotel directly and mention Group code JO2966 or reservations are accepted online at: swandolphin.com/groupres/JO2966/.

#### PRINTED SYLLABUS

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#### **FFFS**

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hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=21055

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	Early Bird By 11/30/19	After 11/30/19
Physicians	\$695	\$795
Technologists/Residents*/ Fellows*/Nurses/Allied Health Professionals *with verification of status	\$550	\$650
Retired and Military Personnel	\$495	\$495
Printed Syllabus	\$65	\$65

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Confirmation/Certificates/Transcripts.....(410) 502-9636 General Information.......(410) 955-2959

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Check out our mobile app CloudCME. Organization Code: hopkinscme

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

For general information, please visit the activity webpage at: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=21055

Visit our CT Education Website: CTISUS com

### **PROGRAM**

		10.00 10.20	
FRII	DAY, FEBRUARY 14, 2020		Refreshment Break
7:00 - 7:55	Registration and Continental Breakfast	10:20 – 11:00	Pre-Operative Thoracic and Abdominal Aorta
7:55 – 8:00	Welcome and Conference Goals Elliot K. Fishman, MD, FACR		Stefan Zimmerman, MD
8:00 - 8:40	Protocol Optimization for Body CT: What You Need to Know	11:00 – 11:40	Artificial Intelligence in Radiology: Current Status and Trends Elliot K. Fishman, MD, FACR
	Elliot K. Fishman, MD, FACR	11:40 - 12:20	Post-Operative Thoracic and
8:40 - 9:20	The Use of Positive Oral Contrast in Abdominal CT		<b>Abdominal Aorta</b> Stefan Zimmerman, MD
	Perry J. Pickhardt, MD	12:20 - 12:30	Questions and Answers
9:20 – 10:00	Pitfalls and Errors in Body CT: What	12:30 - 2:00	Lunch (on your own)
	They Are and How to Avoid Them Elliot K. Fishman, MD, FACR	12:45 – 1:45	Hands-On Workstation Training Session 3
10:00 - 10:20	Refreshment Break	2:00 - 2:40	Cinematic Rendering:
10:20 - 11:00	CT Evaluation of Gastric Pathology Elliot K. Fishman, MD, FACR	2.00 2.10	Clinical Applications in 3D Imaging Steven Rowe, MD
11:00 – 11:40	Abdominopelvic Complications Related to Oncologic Therapy Perry J. Pickhardt, MD	2:40 - 3:20	CT Musculoskeletal Protocols: Applications and Utilization Jan Fritz, MD
11:40 – 12:20	MDCT of Pancreatic Cancer: Pearls and Pitfalls Linda Chu, MD	3:20 - 4:20	Hands-On Workstation Training Session 4
12:20 - 12:30	Questions and Answers Session	SUN	DAY, FEBRUARY 16, 2020
12:30 - 2:00	Lunch (on your own)	7:00 - 8:00	Hands-On Workstation
2:00 - 2:40	MDCT of Post-Op Pancreas	7.00 0.00	Training Session 5
	Linda Chu, MD	7:00 - 8:00	Continental Breakfast
2:40 - 3:20	"Understanding" NAFLD: Steatosis, NASH, Fibrosis, and Metabolic Syndrome Perry J. Pickhardt, MD	8:00 - 8:40	When to Recommend PET/CT (and When Not To) Steven Rowe, MD
3:20 - 4:00	CT of the Adrenal Gland:	8:40 - 9:20	CT/CTA of Musculoskeletal Trauma Jan Fritz, MD
	How to Evaluate an Adrenal Mass Elliot K. Fishman, MD, FACR	9:20 - 10:00	Pearls and Pitfalls in PET/CT
4:00 - 4:40	MDCT of Pancreatitis Linda Chu, MD		Interpretation Steven Rowe, MD
4:40 - 4:50		10:00 - 10:20	Refreshment Break
4:40 - 4:50 4:50 - 5:50	Questions and Answers Session  Hands-On Workstation	10:20 - 11:00	
4:50 - 5:50	Training Session I		<b>Pre-Operative Evaluation</b> Jan Fritz, MD
SATU	IRDAY, FEBRUARY 15, 2020	11:00 - 11:40	
7:00 - 8:00	Hands-On Workstation		Interpretation, and Challenges Stefan Zimmerman, MD
	Training Session 2	11:40 - 12:20	•
7:00 - 8:00	Continental Breakfast		Post-Operative Evaluation  an Fritz, MD
8:00 - 8:40	MDCT Evaluation of Small	12:20 12:20	Questions and Answers
	Bowel Obstruction Perry J. Pickhardt, MD		Summary - Adjourn
8:40 - 9:20	Cardiac CT: How We Do It		n email notification to complete the evaluation
7.20	Stefan Zimmerman, MD		st to the number of hours in attendance.
9:20 – 10:00	Incidental Findings at Abdominal CT Perry J. Pickhardt, MD	The Registration	Desk will remain open during conference hours.

# Hot Topics in Body CT Scanning:

What You Need to Know November 14 – 16, 2019

#### 36<sup>TH</sup> ANNUAL

# COMPUTED BODY TOMOGRAPHY 2020:

THE CUTTING EDGE

February 14 - 16, 2020

#### **SPEAKERS**

#### **JOHNS HOPKINS**

#### Elliot K. Fishman, MD, FACR

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

#### Ian Fritz, MD

Associate Professor of Radiology and Radiological Science

#### Steven Rowe, MD

Associate Professor of Radiology and Radiological Science

#### Atif Zaheer, MD, FACR

Associate Professor of Radiology and Radiological Science

#### **GUEST**

#### Perry J. Pickhardt, MD

Professor of Radiology Chief, Gastrointestinal Imaging Medical Director, Cancer Imaging University of Wisconsin School of Medicine and Public Health Madison, Wisconsin

#### **ACKNOWLEDGMENT**

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#### **SPEAKERS**

#### **JOHNS HOPKINS**

#### Elliot K. Fishman, MD, FACR

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

#### Linda Chu, MD

Associate Professor of Radiology and Radiological Science

#### Jan Fritz, MD

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#### Steven Rowe, MD

Associate Professor of Radiology and Radiological Science

#### Stefan Zimmerman, MD

Associate Professor of Radiology and Radiological Science

#### **GUEST**

#### Perry J. Pickhardt, MD

Professor of Radiology Chief, Gastrointestinal Imaging Medical Director, Cancer Imaging University of Wisconsin School of Medicine and Public Health Madison, Wisconsin

#### **UPCOMING CT COURSES**

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

> The Mirage Hotel Las Vegas, Nevada November 14 – 16, 2019

36th Annual Computed Body Tomography 2019: The Cutting Edge

> Walt Disney World Swan Hotel Orlando, Florida February 14 – 16, 2020

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

> Nashville, Tennessee TBD

#### REGISTRATION FORM COURSE NUMBER 80049828/20975

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November 14 - 16, 2019

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### I plan to stay at the The Mirage Hotel in Las Vegas, Nevada.

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Each participant will attend one workshop. F Thursday (11/14): Session 1: 4:50 – 5:50 P.M.	Please select in order of prefere Session 3: 12:45 – 1 Session 4: 3:20 – 4:2	:45 P.M.
Friday (11/15):	Saturday (11/16)	00
Session 2: 7:00 – 8:00 A.M.	Session 5: 7:00 – 8:0	JU A.M.
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What do you hope t	o learn by attending	this activity?	
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WORKSHOPS:			
Each participant will atti Friday (2/14):		Session 3: 12	f preference (1-5) 1:45 — 1:45 p.m. 20 — 4:20 p.m.

Each participant will attend one workshop.	Please select in order of preference (1
Friday (2/14):	Session 3: 12:45 - 1:45 P.M
Session 1: 5:50 – 6:50 P.M.	Session 4: 3:20 - 4:20 P.M.
Saturday (2/15):	Sunday (2/16):
Session 2: 7:00 - 8:00 A.M.	Session 5: 7:00 – 8:00 A.M.
	FARLY BIRD BY AFTER

REGISTRATION FEES:	EARLY BIRD BY 11/30/19	AFTER 11/30/19
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THE CUTTING EDGE February 14 – 16, 2020

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