

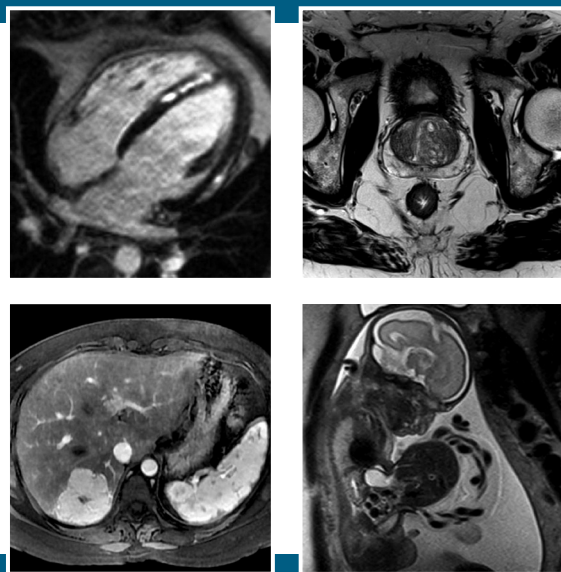
The Russell H. Morgan
Department of Radiology and Radiological Science

Presents

20th Annual

HOT TOPICS IN MR IMAGING

For the Technologist



February 22-23, 2020

Thomas B. Turner Building
Baltimore, Maryland

Activity Director: Ihab R. Kamel, MD, PhD



DESCRIPTION

The field of MRI continues to evolve. As more magnets become available, and with the increasing use of higher field strengths, MR safety awareness becomes of paramount importance for MRI technologists, radiologists, patients, and personnel working in the MRI environment. It is crucial that technologists and other radiology staff receive the latest updates and education in MRI technology, not only to maintain their national license requirements but to be able to provide the best care to our patients. The only way to accomplish this goal is to provide an annual continuing education course where we select leaders in the field of MRI to discuss the changes in MRI and how these changes impact the delivery of health care.

WHO SHOULD ATTEND

This activity is intended for MRI Technologists and Radiologists.

OBJECTIVES

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

- Restate basic knowledge of underlying principles of MRI.
- Discuss safety consideration of gadolinium-based contrast agents.
- Define and apply the increasing role of MRI in imaging the prostate.
- Discuss the increasing role of MRI in pediatric applications.

CREDIT INFORMATION

American Healthcare Radiology Administrators
This activity has been approved by AHRA, the approving RCEEM: The Association for Medical Imaging Management for a maximum of 12.5 Category A, ARRT continuing education credits.

You must attend each session in its entirety to obtain credit. No partial session credit will be awarded.

POLICY ON PRESENTER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies 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

Saturday, February 22, 2020 — 7:15 a.m.

LOCATION

Thomas B. Turner Building
Johns Hopkins School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the Contact Us tab at HopkinsCME.cloud-cme.com. Handicapped parking is available in the nearby Rutland Garage. **Johns Hopkins is smoke-free. Complimentary parking is available in the Washington Street Garage.**

FEES

Register Online:
hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=23483

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. **Early bird registration is available for registrations received prior to 5:00 p.m. ET on November 22, 2019.** The registration fee includes, continental breakfasts, refreshment breaks and lunches.

EARLY-BIRD POSTMARKED Before 11/22/2019

	Two Day Fee	One Day Fee
Physicians	\$470	\$235
Residents*/Fellows*/Technologists/ Allied Health Professionals	\$270	\$135

POSTMARKED After 11/22/2019

	Two Day Fee	One Day Fee
Physicians	\$490	\$245
Residents*/Fellows*/Technologists/ Allied Health Professionals	\$290	\$145

*with verification of status

You will receive a confirmation by e-mail. If you have not received it by **February 16, 2020**, 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 **February 16, 2020**. 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 16, 2020**. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

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.

SOCIAL EVENT

A complimentary reception for registrants and faculty will be held Saturday, February 22, 2020, immediately following the general session. Please indicate your attendance on the registration form. *NOTE: The commercial support received is solely for the educational component of this activity and will not be used to support this social event.*

HOTEL AND TRAVEL INFORMATION

Pier 5 Hotel (866) 583-4162
711 Eastern Avenue (410) 539-2000
Baltimore, MD 21202 (410) 783-1469 FAX
Website: www.harbormagic.com

HOTEL RESERVATION CUT-OFF DATE: JANUARY, 21, 2020

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Pier 5 Hotel is nestled on its own pier directly on the water, next to the National Aquarium and behind the Power Plant entertainment complex. The Pier 5 is just steps away from all the excitement of the Inner Harbor. Make your reservation online at www.harbormagic.com or call the hotel directly and specify that you are attending the Johns Hopkins **20th Annual Hot Topics in MR Imaging for the Technologist** activity to receive the special group rate of **\$149**, single or double, plus tax. Check-in time is 4:00 p.m. Check-out time is 12:00 noon.

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 April 8, 2020.**

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins 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.*

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20th Annual
**HOT TOPICS IN
MR IMAGING**
For the Technologist
February 22-23, 2020
Baltimore, Maryland

Check out our mobile app CloudCME. CloudCME.com
Organization Code: [HopkinsCME](http://HopkinsCME.com/aph.aspx?P=5&EID=23483)
hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=23483

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

JOHNS HOPKINS
MEDICINE




PROGRAM

SATURDAY, FEBRUARY 22, 2020

7:15 – 7:55	Registration and Continental Breakfast
7:55 – 8:00	Welcome and Conference Goals Ihab R. Kamel, MD, PhD
8:00 – 8:30	Update on Black Blood Imaging Bruce Wasserman, MD
8:30 – 9:00	Contrast and Non-Contrast MRA in Body Applications Linda Chu, MD
9:00 – 9:30	Carotid MRA Bruce Wasserman, MD
9:30 – 10:00	Cardiac MRI Linda Chu, MD
10:00 – 10:30	Refreshment Break
10:30 – 11:00	Renal and Adrenal MR Imaging Linda Chu, MD
11:00 – 11:30	MRI of the Prostate Atif Zaheer, MD
11:30 – 12:00	MR Imaging of the Female Pelvis Ihab R. Kamel, MD, PhD
12:00 – 12:30	Lipid Imaging: An Update Atif Zaheer, MD
12:30 – 12:45	Questions and Answers
12:45 – 1:30	Lunch
1:30 – 3:30	Power Session: How I Do It 1:30 – 1:50 MR Enterography Osama Ali, MD 1:50 – 2:10 MR Staging of Rectal Cancer Harshna Vadvala, MD 2:10 – 2:30 MR Imaging of the Urinary Bladder Farzad Sedaghat, MD 2:30 – 2:50 MR Imaging of the Dynamic Pelvis Franco Verde, MD 2:50 – 3:10 MR Imaging of the Anal Fistula Rakhee Gawande, MD 3:10 – 3:30 Questions and Answers
3:30 – 5:00	Welcome Reception

TO REGISTER OR FOR FURTHER INFORMATION

Register Online:
hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=23483
 Register by Phone: 410-502-9636
 Register by Fax: 866-510-7088
 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: cmetsupport@jhmi.edu

Sponsoring Department Website: hopkinsmedicine.org/radiology/

For general information, please visit the activity webpage at hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=23483

SUNDAY, FEBRUARY 23, 2020

8:00 – 8:30	Neuroimaging of Abusive Pediatric Head Trauma Aylin Tekes, MD
8:30 – 9:00	MR Imaging of the Sella Turcica Rohini Nadgir, MD
9:00 – 9:30	Fetal MRI Aylin Tekes, MD
9:30 – 10:00	MR Imaging of the Temporal Bone Rohini Nadgir, MD
10:00 – 10:30	Refreshment Break
10:30 – 11:00	MRI of the Brachial Plexus Shivani Ahlawat, MD
11:00 – 11:30	MR of the Knee Shadpour Demehri, MD
11:30 – 12:00	DWI: MSK Applications and Radiological Science Shivani Ahlawat, MD
12:00 – 12:30	MR of the Ankle Shadpour Demehri, MD
12:30 – 12:45	Questions and Answers
12:45 – 1:30	Lunch
1:30 – 2:00	Diagnostic Breast MRI Lisa Mullen, MD
2:00 – 2:30	Gadolinium-Based Contrast Agents: Safety Update Ihab R. Kamel, MD, PhD
2:30 – 3:00	Emerging Trends in Breast MRI Lisa Mullen, MD
3:00 – 3:30	MR Safety Considerations for Patients with Devices Ihab R. Kamel, MD, PhD
3:30	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.

SPEAKERS

ACTIVITY DIRECTOR

Ihab R. Kamel, MD, PhD
 Professor of Radiology,
 Radiological Science and Oncology
 Chairman, Department of Imaging
 Johns Hopkins Bayview Medical Center
 Clinical Director, MRI
 The Johns Hopkins Hospital

JOHNS HOPKINS SPEAKERS

Shivani Ahlawat, MD
 Associate Professor of Radiology
 and Radiological Science
 Musculoskeletal Radiology

Osama Ali, MD
 Instructor in Radiology
 and Radiological Science
 Diagnostic Imaging

Linda Chu, MD
 Assistant Professor of Radiology
 and Radiological Science
 Diagnostic Imaging

Shadpour Demehri, MD
 Associate Professor of Radiology
 and Radiological Science
 Musculoskeletal Radiology

Rakhee Gawande, MD
 Assistant Professor of Radiology
 and Radiological Science
 Diagnostic Imaging

Lisa Mullen, MD
 Assistant Professor of Radiology
 and Radiological Science
 Interim Director, Breast Imaging

Rohini Nadgir, MD
 Assistant Professor of Radiology
 and Radiological Science
 Neuroradiology

Farzad Sedaghat, MD
 Instructor in Radiology
 and Radiological Science
 Diagnostic Imaging

Aylin Tekes, MD
 Associate Professor of Radiology
 and Radiological Science
 Director, Pediatric Radiology

Harshna Vadvala, MD
 Assistant Professor of Radiology
 and Radiological Science
 Diagnostic Imaging

Franco Verde, MD
 Assistant Professor of Radiology
 and Radiological Science
 Diagnostic Imaging

Bruce Wasserman, MD
 Professor of Radiology
 and Radiological Science
 Neuroradiology

Atif Zaheer, MD
 Associate Professor of Radiology
 and Radiological Science
 Diagnostic Imaging

REGISTRATION FORM COURSE NUMBER 80050359 / 23483

20th Annual Hot Topics in MR Imaging for the Technologist | February 22-23, 2020

To Register:

Online: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=23483
 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	
Organization		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 **Pier 5 Hotel** in Baltimore, Maryland.

Social Event:

Yes, I will attend the Welcome Reception (included in the registration fee).

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

EARLY-BIRD POSTMARKED Before 11/22/2019	Two Day Fee	One Day Fee
<input type="checkbox"/> Physicians	\$470	\$235
<input type="checkbox"/> Residents'/Fellows'/Technologists/Allied Health Professionals	\$270	\$135

POSTMARKED After 11/22/2019	Two Day Fee	One Day Fee
<input type="checkbox"/> Physicians	\$490	\$245
<input type="checkbox"/> Residents'/Fellows'/Technologists/Allied Health Professionals	\$290	\$145

Total amount \$ _____

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on **February 16, 2020**, include a \$50 late fee. On-site registrations are payable only by credit card.

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 and Date _____

ACKNOWLEDGEMENT

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 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.