

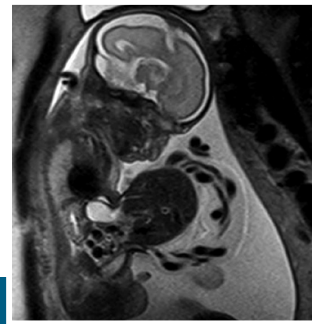
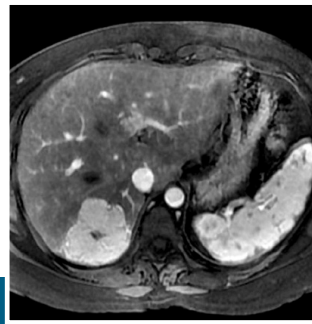
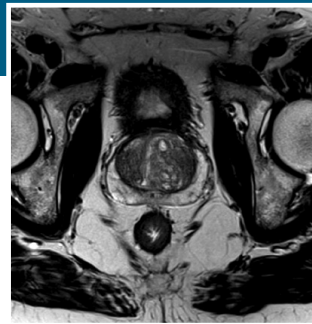
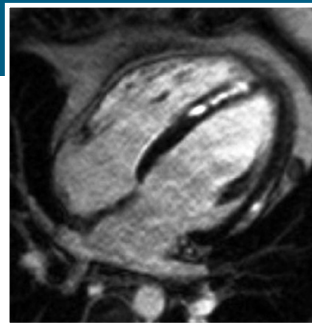
Johns Hopkins University School of Medicine  
Department of Radiology and Radiological Science  
Presents



## Virtual Series

# HOT TOPICS IN MR IMAGING

*For the Technologist*



February 27-28, 2021  
September 25-26, 2021  
February 26-27, 2022

8:00 a.m. - 3:00 p.m. EST

***A Virtual Learning Experience***

Activity Director: **Ihab R. Kamel, MD, PhD**



**JOHNS HOPKINS**  
MEDICINE

## DESCRIPTION

The field of MRI is rapidly changing. 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. New faster MRI sequences are now available, and their utility should be explored to enhance magnet utilization and accommodate the increasing demand for magnet time. The indications for performing prostate MRI continue to rise, especially with the use of MRI/Ultrasound image fusion to guide biopsy. MRI technologists need to be familiar with the optimized imaging technique for MSK, neuro and pediatric applications. It is crucial that technologists and other radiology staff receive updates and education in the latest MRI technology, not only to maintain their national license requirement but to be able to provide the best care to patients and properly address MRI safety issues. One way to accomplish these goals is to provide an annual CME type imaging seminar where we can select leaders in the field of MRI to discuss these changes and how they impact the delivery of patient care. This virtual series will take place three times throughout the next year via Zoom. Mark your calendars: February 27-28, 2021, September 25-26, 2021, and February 26-27, 2022.

## WHO SHOULD ATTEND

This activity is intended for MRI Technologists and Radiologists.

## OBJECTIVES

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

- Restate basic knowledge of underlying principles of MRI.
- List advantages and limitations of new MRI sequences.
- Define and apply the increasing role of MRI in imaging the prostate.
- Discuss the increasing role of MRI in pediatric applications.

## 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 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.

## JOHNS HOPKINS STATEMENT OF RESPONSIBILITY

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## HARDWARE/SOFTWARE REQUIREMENTS

Internet Connection.

## TO REGISTER OR FOR FURTHER INFORMATION

Register Online

[hopkinscme.cloud-cme.com/default.aspx?P=5&EID=31952](http://hopkinscme.cloud-cme.com/default.aspx?P=5&EID=31952)

Register by Phone .....(410) 502-9636

Confirmation/Certificates/Transcripts .....(410) 502-9636

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

E-mail the Office of CME .....[cmenet@jhmi.edu](mailto:cmenet@jhmi.edu)

Follow us on Twitter: [twitter.com/HopkinsCME](https://twitter.com/HopkinsCME)

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

For general information, please visit the activity webpage at: [hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=31952](http://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=31952)

# GENERAL INFORMATION

## REGISTRATION CUT-OFF DATE:

There is a 24 hour in advance written notice of cancellation required by 5:00 p.m. EST of each session start date.

## LOCATION

Online via Zoom. Recordings will be made available to attendees post activity.

## FEES

### Register Online:

<https://hopkinscme.cloud-cme.com/default.aspx?P=5&EID=31952>

Methods of Payment: We require full payment prior to the start of the activity. The registration fee includes instructional materials.

One Day..... \$ 75

Two Days..... \$150

**Pre-registration is required by 24 hours in advance.** On the day of, please log into the online platform by 7:50 a.m. EST to test your connection. Exclusive log-in details will be provided via email the week prior.

You will receive a confirmation by e-mail. If you have not received it within 48 hours of registering, 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. Under such circumstances registrants will be notified as soon as possible.

## LATE FEE AND REFUND POLICY

A \$25 late fee applies to registrations received after 24 hours prior to the start time of each session. A handling fee of \$25 will be deducted for cancellation. Refund requests must be received by 24 hours in advance of the session start date. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

## HOW TO OBTAIN CREDIT

Technologists will need to listen for the unique code announced during each session and record the code on the attendance sheet. Upon completion of the online post activity evaluation with attestation, the learner will need to enter the session codes and attest to the number of hours in attendance. You must attend each session in its entirety to obtain credit. No partial credit will be given.

Please evaluate the activity, individual presentations and provide feedback to identify future educational needs.

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 45 day post activity session:

**April 14, 2021, November 10, 2021 and April 13, 2022.**



Check out our mobile app CloudCME.  
Organization Code: *HopkinsCME*

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

For general information, please visit the activity webpage at  
[hopkinscme.cloud-cme.com/default.aspx?P=5&EID=31952](https://hopkinscme.cloud-cme.com/default.aspx?P=5&EID=31952)

## SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity.

## 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.

*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.

**SATURDAY, FEBRUARY 27, 2021**

7:55 – 8:00	<b>Welcome and Conference Goals</b>
8:00 – 8:25	<b>MRI of the Prostate</b> Atif Zaheer, MD
8:25 – 8:50	<b>DWI in Body Applications</b> Atif Zaheer, MD
8:50 – 9:15	<b>MRCP: 2021 Updates</b> Linda Chu, MD
9:15 – 9:40	<b>MR Enterography</b> Linda Chu, MD
9:40 – 9:55	<b>Questions and Answers</b>
9:55 – 10:15	<b>Break</b>
10:15 – 10:40	<b>MR Elastography</b> Javad Azadi, MD
10:40 – 11:05	<b>Cardiac MRI</b> Javad Azadi, MD
11:05 – 11:30	MR Evaluation of Pelvic Pathology in Pregnancy Erin Gomez, MD
11:30 – 11:55	<b>Commonly Encountered MR Artifacts</b> Erin Gomez, MD
11:55 – 12:10	<b>Questions and Answers</b>
12:10 – 1:00	<b>Lunch Break</b>
1:00 – 3:00	<u>Power Session: How I Do It</u>
1:00 – 1:20	<b>MR Imaging of Dynamic Pelvis</b> Hima Tadimetri, MD
1:20 – 1:40	<b>MR Imaging Staging of Rectal Cancer</b> Harshna Vadvala, MD
1:40 – 2:00	<b>MR Imaging of the Anal Fistula</b> Homeira Zahiri, MD
2:00 – 2:20	<b>MR Imaging of the Pancreatic Cyst</b> Franco Verde, MD
2:20 – 2:40	<b>MR Imaging of Living Liver Donors</b> Ihab Kamel, MD, PhD
2:40 – 3:00	<b>Questions and Answers</b>

**SUNDAY, FEBRUARY 28, 2021**

8:00 – 8:25	<b>MR Imaging in Multiple Sclerosis</b> Amirali Shanechi, MD
8:25 – 8:50	<b>MR Imaging of Spinal Cord Lesions</b> Amirali Shanechi, MD
8:50 – 9:15	<b>Introduction to Arterial Spin Labeling</b> Vivek Yedavalli, MD
9:15 – 9:40	<b>RAPID Pitfalls</b> Vivek Yedavalli, MD
9:40 – 9:55	<b>Questions and Answers</b>
9:55 – 10:15	<b>Break</b>
10:15 – 10:40	<b>MRI in Acute Appendicitis</b> Jennifer Son, MD
10:40 – 11:05	<b>Fetal MRI</b> Judith Machnitz, MD
11:05 – 11:30	<b>MR Imaging of MSK Tumors</b> Laura Fayad, MD
11:30 – 11:55	<b>MR Imaging of the Knee</b> Laura Fayad, MD
11:55 – 12:10	<b>Questions and Answers</b>
12:10 – 1:00	<b>Lunch Break</b>
1:00 – 3:00	<u>Fast MRI Protocols: The Debate Continues</u>
1:00 – 1:20	Fast Brain MR - Pediatrics Aylin Tekes, MD
1:20 – 1:40	Fast Brain MR - Adults Doris Lin, MD
1:40 – 2:00	Fast MSK MR Laura Fayad, MD
2:00 – 2:20	Fast MRI - Body Applications Amir Batouli, MD
2:20 – 2:40	Challenges Dennis Agostino, AS, RT/MR
2:40 – 3:00	<b>Questions and Answers</b>
3:00	<b>Adjourn</b>

*You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.*

*The Johns Hopkins School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity. This schedule is subject to change.*

## ACTIVITY DIRECTOR

**Ihab R. Kamel, MD, PhD**

Professor of Radiology and Radiological Science and Oncology  
Chairman, Department of Imaging Johns Hopkins Bayview Medical Center

## JOHNS HOPKINS SPEAKERS

Dennis Agostino, AS, RT/MR  
Technical Imaging Coordinator  
The Johns Hopkins Health System

Javad Azadi, MD  
Assistant Professor of Radiology and  
Radiological Science  
Diagnostic Imaging

Amir Batouli, MD  
Clinical Associate of Radiology and  
Radiological Science  
Diagnostic Imaging

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

Laura Fayad, MD  
Professor of Radiology and  
Radiological Science  
Musculoskeletal Radiology

Erin Gomez, MD  
Assistant Professor of Radiology and  
Radiological Science  
Diagnostic Imaging

Doris Lin, MD, PhD  
Associate Professor of Radiology and  
Radiological Science  
Neuroradiology

Judit Machnitz, MD  
Assistant Professor of Radiology and  
Radiological Science  
Pediatric Radiology

Amirali Shanechi, MD  
Instructor of Radiology and Radiological Science  
Neuroradiology

Jennifer Son, MD  
Assistant Professor of Radiology and  
Radiological Science  
Pediatric Radiology

Hima Tadimeti, MD  
Instructor of Radiology and Radiological Science  
Diagnostic Imaging

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

Harshna Vadvala, MD  
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Radiological Science  
Diagnostic Imaging

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

Vivek Yedavalli, MD  
Assistant Professor of Radiology and  
Radiological Science  
Neuroradiology

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

Homeira Zahiri, MD  
Clinical Associate of Radiology and  
Radiological Science  
Diagnostic Imaging

**Mark Your Calendars:**

September 25-26, 2021

February 26-27, 2022