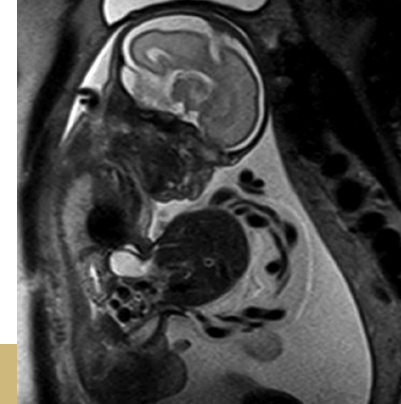
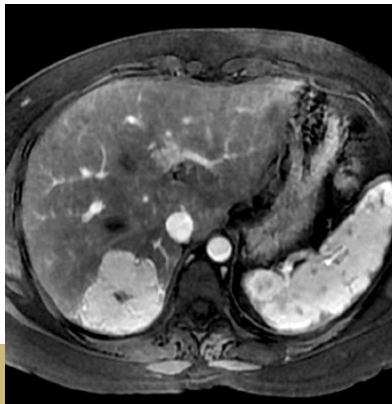
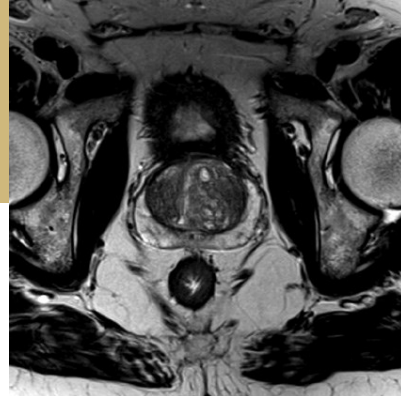
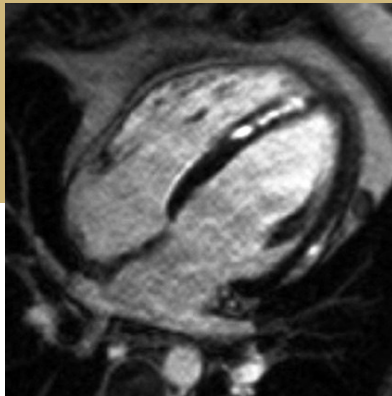


**The University of Colorado School of Medicine**  
**Department of Radiology**  
Presents

# **HOT TOPICS IN MR IMAGING**

*For the Technologist*



**October 19—20, 2024**

**In Person and Virtual Conference**

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

Register here



 University of Colorado **Anschutz Medical Campus**

**Department of Radiology**

School of 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 body, 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.

## 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.

## CREDIT INFORMATION

This activity has been approved by the American Society of Radiologic Technologists (ASRT), for a maximum of 13.5 Category A, ARRT continuing education credits. Each day will include 3 sessions worth 2.25 credits each. You must attend each session in its entirety to obtain credit. No partial session credit will be awarded.

## HOW TO OBTAIN CREDIT

A QR code will be presented at the conclusion of each of the three (3) daily sessions. This QR code will direct you to a secure Smartsheet where you will input your name, email address, ASRT number (if applicable), and post activity evaluation. In person and virtual attendees will need to complete the Smartsheet immediately after being presented with the QR code. Within 48 hours of the conclusion of the conference, you will receive a signed certificate of completion, specific to the session(s) you attended. Any questions, concerns or issues receiving your certificate can be directed to [MRItechnologist@cuanschultz.edu](mailto:MRItechnologist@cuanschultz.edu).

## REGISTRATION

Event registration is managed through the Eventbrite platform; two options for accessing the event page:

### EVENTBRITE HYPERLINK

[https://  
www.eventbrite.com/e/  
hot-topics-in-mr-imaging  
-for-the-technologist-  
tickets-998622987237](https://www.eventbrite.com/e/hot-topics-in-mr-imaging-for-the-technologist-tickets-998622987237)

### EVENTBRITE QR CODE



### REGISTRATION CUTE-OFF DATE:

October 14, 2024

**Two / One  
Days Day**

### FEES

**Registration Fee In-Person\*.....\$ 100/ \$50**

**Registration Fee Virtual.....\$ 50/ \$25**

*\* In-person registration is limited to the first 60 registrants and includes breakfast and lunch both days, and welcome reception on day 1.*

Method of Payment: Learners must register and submit full payment prior to the start of the activity.

### LATE FEE AND REFUND POLICY

Refund requests must be received by October 14th, 2024. No refunds will be made thereafter. Registration refunds will be issued net of the Eventbrite registration fee.

The University of Colorado 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.

# GENERAL INFORMATION

## AMERICANS WITH DISABILITIES ACT

The University of Colorado School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations there of. Please notify us if you have any special needs.

## DISCLAIMER STATEMENT

The opinions and recommendations expressed by faculty and other experts whose input is included in this program are their own. This activity is produced for educational purposes only. Use of University of Colorado School of Medicine name implies review of educational format design and approach. Please review the complete prescribing information of specific drugs or combination of drugs, including indications, contraindications, warnings and adverse effects before administering pharmacologic therapy to patients.

## INTERNET CME POLICY

The CU SOM Department of Radiology will keep your personal and credit information confidential when you participate in a CME Internet based program. Your information will never be given to anyone outside of the University of Colorado School of Medicine Department of Radiology. We collect only the information necessary to provide you with the services that you request.

## POLICY ON PRESENTER AND PROVIDER DISCLOSURE

The University of Colorado 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.

## UNIVERSITY OF COLORADO STATEMENT OF RESPONSIBILITY

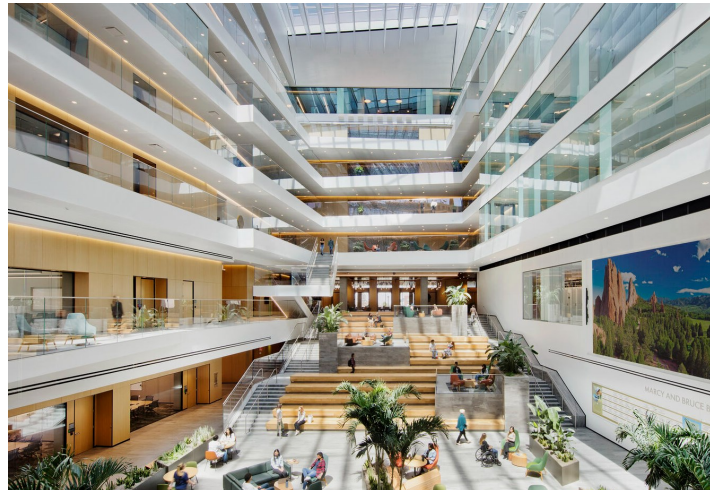
The University of Colorado School of Medicine takes responsibility for the content, quality, and scientific integrity of this CME activity.

## COPYRIGHT

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## 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.



# PROGRAM

**\*\*All times are Mountain Time\*\* virtual attendees please note time zone difference**

## **SATURDAY, DAY 1: October 19th, 2024**

- 7:00 — 7:55**     **Breakfast** (included)
- 7:55 — 8:00**     **Welcome and Conference Goals**  
Ihab Kamel, MD, PhD
- 8:00 — 8:30**     **MR Contrast Agents: An Update**  
Jeffrey Maki, MD
- 8:30 — 9:00**     **MRI of the Prostate**  
Ilana Kafer, MD
- 9:00 — 9:30**     **Anatomical and Technical Considerations in Body MRI**  
Jeffrey Maki, MD
- 9:30 — 10:00**   **MR of Uterine Anomalies**  
Ilana Kafer, MD
- 10:00 — 10:30**   Refreshment Break
- 10:30 — 11:00**   **Shoulder MRI**  
Alexander Merkle, MD
- 11:00 — 11:30**   **Knee MRI**  
James Korf, MD
- 11:30 — 12:00**   **Musculoskeletal AI for the Technologists**  
Alexander Merkle, MD
- 12:00 — 12:30**   **Hand/Wrist MR**  
Mary Elizabeth Buchanan, MD
- 12:30 — 1:30**     **Lunch** (included)
- 1:30 — 3:30**     **Vendor-Specific Sequence Optimization**
- 1:30 — 2:00     Siemens
- 2:00 — 2:30     GE
- 2:30 — 3:00     Phillips
- 3:00 — 3:30     Q&A
- 3:30 — 5:00**     **Welcome Reception**

## **SUNDAY DAY 2: October 20th, 2024**

- 7:00 — 8:00**     **Breakfast** (included)
- 8:00 — 8:30**     **Orbit and Sellar Anatomy**  
Thomas Borges, MD
- 8:30 — 9:00**     **Vascular Disease with Vascular Wall Imaging**  
Gustavo Mendez, MD
- 9:00 — 9:30**     **MRI of Brain Tumors**  
Samantha Petrucci, MD
- 9:30 — 10:00**   **Breast MR: The Basics**  
Dulcy Wolverson, MD
- 10:00 — 10:30**   Refreshment Break
- 10:30 — 11:00**   **PET MR Operations and Workflow**  
Michael Silosky, MS
- 11:00 — 11:30**   **Basic MR Physics for the Technologist**  
Houchun Hu, PhD
- 11:30 — 12:00**   **MRI Artifacts**  
Henry Chen, PhD
- 12:00 — 12:30**   **MR Standardization and Optimization Across the Health System**  
Michelle Casler, CRA, RT(R)(MR)
- 12:30 — 1:30**     **Lunch** (included)
- 1:30 — 2:00**     **Cardiac MRI**  
Robert Quaife, MD
- 2:00 — 2:30**     **Fetal Cardiac MR Imaging/4D Flow**  
Erin Englund, PhD
- 2:30 — 3:00**     **Pearls in Pediatric Body MR Imaging**  
Elizabeth Tang, MD
- 3:00 — 3:30**     **MR of the Fetus and Placenta**  
Sarah Smith, MHA, RT(MR), MRSO
- 3:30**             **Adjourn**

## ACTIVITY DIRECTOR

**Ihab R. Kamel, MD, PhD, FSAB**  
Professor and Chair  
Department of Radiology



## UNIVERSITY OF COLORADO SPEAKERS

**Thomas Borges, MD**  
Associate Professor  
Neuroradiology



**Ilana Kafer, MD**  
Assistant Professor  
Abdominal Imaging



**Samantha Petrucci, MD**  
Assistant Professor  
Neuroradiology



**Mary Elizabeth Buchanan, MD**  
Assistant Professor  
Musculoskeletal (MSK)



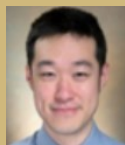
**James Korf, MD**  
Assistant Professor  
Musculoskeletal (MSK)



**Robert Quaife, MD**  
Professor  
Thoracic



**Henry Chen, PhD**  
Assistant Professor  
Radiological Sciences



**Jeffrey Maki, MD**  
Professor  
Abdominal Imaging



**Sarah Smith, MHA, RT (MR), MRSO**  
Associate Professor  
Radiological Sciences



**Erin Englund, PhD**  
Assistant Professor  
Pediatric Radiology



**Gustavo Mendez, MD**  
Assistant Professor  
Neuroradiology



**Michael Silosky, MD**  
Associate Professor  
Radiological Sciences



**Houchun Hu, PhD**  
Professor  
Radiological Sciences



**Alexander Merkle, MD**  
Assistant Professor  
Musculoskeletal (MSK)



**Elizabeth Tang, MD**  
Assistant Professor  
Pediatric Radiology



## GUEST SPEAKERS

**Michelle Casler, CRA, (RT)R(MR)**  
MRI and Clinical Operations Manager  
Johns Hopkins Hospital



**Dulcy Wolverton, MD**  
Associate Professor  
Breast Imaging



## Register Online

<https://www.eventbrite.com/e/hot-topics-in-mr-imaging-for-the-technologist-tickets-998622987237>

## MARK YOUR CALENDAR:

October 19–20, 2024  
Aurora, Colorado

## Register using the QR code

