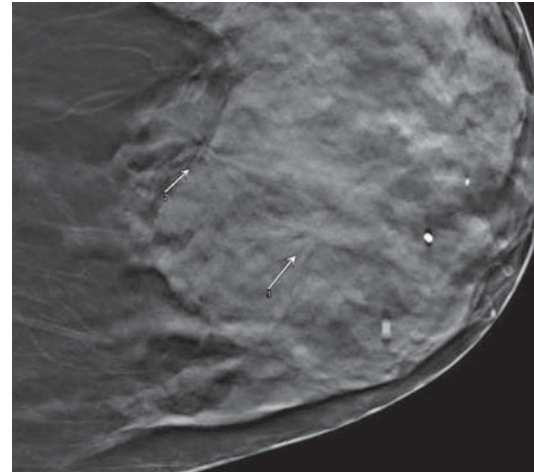




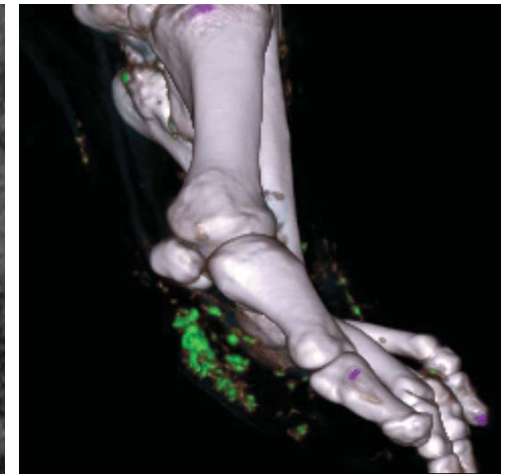
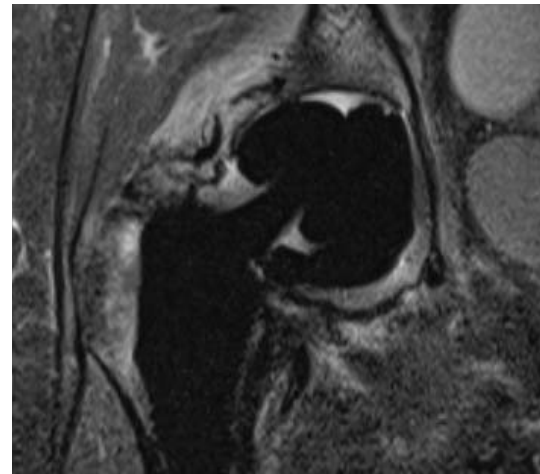
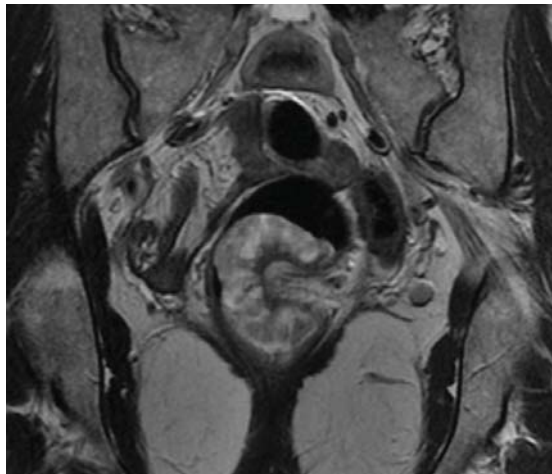
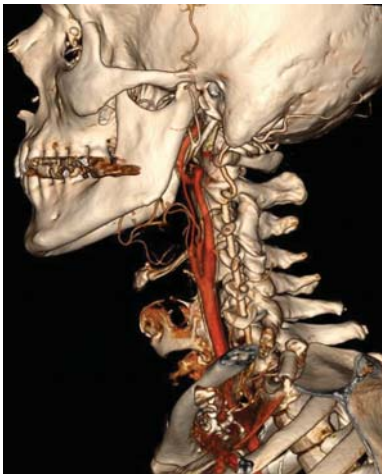
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RADIOLOGY UPDATE 2018

APRIL 30-MAY 4, 2018 | MONDAY - FRIDAY



Earn up to 40.25 *AMA PRA Category 1 Credits™*, 1.25 Risk Management Credits and SAM Credits



<https://cmeregistration.hms.harvard.edu/Radiology2018>



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Taj Boston
15 Arlington Street, Boston, MA
617-536-5700

COURSE DIRECTORS

Barbara N. Weissman, MD

Professor of Radiology,
Harvard Medical School;
Vice Chair Emeritus,
Department of Radiology,
Division of Musculoskeletal
Imaging and Intervention,
Brigham and Women's Hospital



Theresa C. McLoud, MD

Professor of Radiology, Harvard
Medical School; Vice Chair
for Education, Department of
Radiology, Division of Thoracic
Imaging and Intervention,
Massachusetts General Hospital



SAM CREDIT

Sessions of the meeting program will be submitted for SAM qualification. The total number of SAM credits approved will be confirmed prior to the meeting.

ACGME COMPETENCIES

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education competencies:

- Patient Care and Procedural Skills
- Medical Knowledge
- Practice-based Learning and Improvement

WHO ATTENDS

- Radiologists
- Radiology Residents, Fellows
- Physicians Interested in Imaging Updates

ACCREDITATION

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 40.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The total credits are inclusive of 11 *AMA PRA Category 1 Credits*[™] in CT, 9.5 *AMA PRA Category 1 Credits*[™] in MRI, 2.0 *AMA PRA Category 1 Credits*[™] in Ultrasound, 3.75 *AMA PRA Category 1 Credits*[™] in Breast Imaging.

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for 1.25 credits of Risk Management Study.

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

Through an agreement between the American Medical Association and the European Union of Medical Specialists, physicians may convert *AMA PRA Category 1 Credits*[™] to an equivalent number of European CME Credits[®] (ECMECs[®]). Information on the process of converting *AMA PRA Category 1 Credits*[™] to ECMECs[®] can be found at: www.eaccme.eu.

Note: *AMA PRA Category 1 Credit*[™] is calculated based on submission of a preliminary agenda and may be subject to change.

RADIOLOGY UPDATE 2018

BOSTON, MA
APRIL 30-
MAY 4, 2018

COURSE DESCRIPTION

This course is designed to provide a practical update of contemporary diagnostic imaging from radiography to newer imaging techniques. Information will be provided to optimize image modality selection and performance and to facilitate accurate image interpretation. Attendees will develop an appreciation for the uses, limitations and interpretation of traditional radiography as well as important newer imaging modalities including MRI, US, CT, dual energy CT and tomosynthesis, and PET. CT dose reduction, MRI safety and artifacts are reviewed. Case sessions including “must know” and “advanced “ cases will be provided in each area. New this year, a full day is allocated to each of 5 major areas: chest, musculoskeletal, abdomen, breast /cancer, and neuroimaging. The course features lectures in the following new topics: The management of incidental findings is presented in lectures relevant to each area. Clinical correlation is provided in the musculoskeletal section to facilitate the understanding of the significance of imaging finding to treatment choices. Cancer imaging, screening, staging, reporting and standardized reporting systems such as LI-RADS are covered. Cancer treatment complications demonstrated by imaging are reviewed. Lectures on imaging in emergency situations relevant to each of the 5 major areas are presented. Self-assessment modules (SAMS) will be provided tailored to the course material.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be able to:

- ✓ Select the most appropriate studies including newer imaging modalities for various conditions.
- ✓ Interpret imaging studies for normal and various abnormal conditions.
- ✓ Describe and implement newer lexicons for image description and reporting.
- ✓ Implement screening procedures for various conditions.
- ✓ Utilize DECT in clinical practice.
- ✓ Identify and incorporate methods for reducing radiation dose from CT scanning.
- ✓ Identify and minimize MRI artifacts.
- ✓ Identify complications of cancer treatment on imaging studies.
- ✓ Report musculoskeletal imaging studies to better answer clinical questions.

IMPORTANT UPDATES IN

Abdominal Imaging

Breast Imaging

Neuro Imaging

Thoracic Imaging

Musculoskeletal Imaging

Oncoradiology

FEATURING

SAM Sessions

Must Know Cases

Advanced Cases

Incidental Findings

Dual Energy CT

Clinical Correlation

MONDAY

APRIL 30th 2018

CHEST

7:00 *Continental Breakfast*

8:00 **Must Know Cases - Chest**
Amita Sharma, MD

SAM SESSION

8:30 **Lung Cancer Screening:
Why, When and How?**
Florian J. Fintelmann, MD

9:00 **Lung-RADS: Nuts and Bolts**
Jo-Anne Shepard, MD

9:30 **Incidental Pulmonary Nodules -
New Fleischner Guidelines**
Gerald F. Abbott, MD

10:00 *Coffee Break*

SAM SESSION

10:15 **Interstitial Lung Disease**
Theresa C. McCloud, MD

10:50 **Large and Small Airway Disease**
Andetta R. Hunsaker, MD

11:20 **Chest Interventional Procedures**
Jo-Anne Shepard, MD

11:50 *Question & Answers*

12:00 *Lunch Recess*

1:15 **Advanced Chest Cases**
Rachna Madan, MD

1:45 **Must Know Chest Cases - Pediatric**
Edward Y. Lee, MD, MPH

2:15 **Optimizing CT Dose and Image Quality for
Imaging of PE and Dissection**
Aaron D. Sodickson, MD, PhD

2:40 *Coffee Break*

3:00 **Primer on Dual Energy CT Technology and
Clinical Added Value**
Aaron D. Sodickson, MD, PhD

3:30 **Aortic Emergencies**
Michael L. Steigner, MD

4:00 **Imaging Chest Trauma**
Robert A. Novelline, MD, FACR

4:30 **Thoracic MRI**
Jeanne B. Ackman, MD

5:00 *Question & Answers*

5:15 *Adjourn*

TUESDAY

MAY 1st 2018

BONE

7:00 *Continental Breakfast*

7:30 **Must Know Cases - Musculoskeletal**
Violeta Nikac, MD

SAM SESSION

8:00 **Foot and Ankle Fractures**
Jacob C. Mandell, MD

8:30 **Ankle MRI Update**
Stacy E. Smith, MD

9:00 **Adult Knee MRI Update**
Glenn C. Gaviola, MD

9:30 *Coffee Break*

SAM SESSION

9:45 **Pediatric Knee Imaging-
Pitfalls and Variants**
Michele M. Walters, MD

10:15 **Pediatric Sports Related Injuries**
Kirsten Ecklund, MD

10:45 **Hip FX - Surgical Perspectives/
Implications of Imaging**
Michael J. Weaver, MD

11:15 **CT and MRI of Prostheses**
Nehal Shah, MD

11:45 *Question & Answers*

12:00 *Lunch Recess*

1:15 **Advanced Cases - Emphasis Radiographs**
Barbara N. Weissman, MD

1:45 **Imaging the Thumb**
Neena Kapoor, MD

2:05 **Dual Energy CT in MSK**
Stacy E. Smith, MD

2:25 **Incidental Findings on MSK Studies**
Varand Ghazikhanian, MD, MS

2:50 *Coffee Break*

3:10 **Impending and Pathologic Fractures**
John E. Ready, MD

3:30 **Bone Tumors**
Daniel I. Rosenthal, MD

4:00 **Bone and Soft Tissue Biopsies**
Varand Ghazikhanian, MD, MS

4:30 **Shoulder Rotator Cuff Pre and Post
Operative MRI**
Kirstin M. Small, MD

5:00 **Shoulder Instability: Clinical Perspective**
Laurence D. Higgins, MD, MBA

5:30 **MRI of Shoulder Instability**
Kirstin M. Small, MD

6:00 **Musculoskeletal Ultrasound**
Stacy E. Smith, MD

6:30 *Adjourn*

Program changes/substitutions may be made without notice.

WEDNESDAY

MAY 2nd 2018

ABDOMINAL

7:00 *Continental Breakfast*

7:30 **Must Know Cases - Abdominal**
Michael J. Shortsleeve, MD, FACR

SAM SESSION

8:00 **Acute Abdominal Pain**
Jennifer W. Uyeda, MD

8:30 **Abdominal Trauma**
Laura L. Avery, MD

9:00 **Imaging the Liver; HCC LI-RADS**
Paul B. Shyn, MD

9:30 *Coffee Break*

SAM SESSION

9:50 **Pancreatitis**
Dushyani Sahani, MD

10:20 **Renal Imaging**
Stuart G. Silverman, MD, FACR

10:50 **Adrenal Imaging**
William W. Mayo-Smith, MD, FACR

11:20 **CT Urography**
Stuart G. Silverman, MD, FACR

11:50 *Question & Answers*

12:00 *Lunch Recess*

1:15 **Must Know Cases - Ultrasound**
Elizabeth Asch, MD

1:45 **Incidental Findings**
Pari V. Pandharipande, MD, MPH

2:15 **Dual energy CT in Abdominal Disorders**
Jeremy R. Wortman, MD

2:45 *Coffee Break*

3:00 **CT Colonography**
Raquel O. Alencar, MD, PhD

3:30 **IBD-MRI**
Michael Gee, MD, PhD

4:00 **MRI of Benign Conditions of the Uterus**
Cheryl A. Sadow, MD

4:30 **Malignant Masses of the Female Pelvis:
CT, MRI and PET-CT**
Susanna I. Lee, MD, PhD

5:00 **Advanced Cases- Abdominal Ultrasound**
Robin P. Goldenson, MD, MPH

5:30 *Adjourn*

THURSDAY

MAY 3rd 2018

BREAST/CANCER

7:00 *Continental Breakfast*

7:30 **Must Know Cases - Breast**
Erin D. Yeh, MD

8:00 **Mammography - Tomosynthesis
in Clinical Practice**
Catherine S. Giess, MD

8:30 **Ultrasound of the Breast**
Constance Lehman, MD

9:00 **MRI of the Breast-Diagnostic and
Screening Applications**
Pragya A. Dang, MD

9:50 **The Medical Audit in Breast MRI**
Sona A. Chikarmane, MD

10:20 **Dense Breast Evaluation**
Sughra Raza, MD, FACR, FSBI

10:50 **Radioactive Seed Localization**
Gunjan M. Senapati, MD

11:10 **MRI Safety, Artifacts and Contrast Agents**
Susie Yi Huang, MD, PhD

11:50 *Question & Answers*

12:00 *Lunch Recess*

1:15 **Evolving Role of the Radiologist in
Management of Cancer Patients**
Atul B. Shinagare, MD

1:45 **DECT in Oncology**
Avinash Kambadakone Ramesh, MBBS, MD,
DNB, FRCR

2:15 **Modern Cancer Drugs and
Their Side Effects**
Katherine M. Krajewski, MD

2:45 *Coffee Break*

3:00 **Pancreatic Carcinoma**
Michael H. Rosenthal, MD, PhD

3:30 **Prostate Carcinoma Imaging and PI-RADS**
Clare Tempany-Afdhal, MB BAO Bch, FISMRM

4:00 **Colorectal Cancer and CRC Staging**
Michael H. Rosenthal, MD, PhD

4:30 **Imaging Oncological Emergencies in the
Era of Precision Medicine**
Marta Braschi-Amirfarzan, MD

5:00 **Pet Scans and Newer Radiotracers**
Hyewon Hyun, MD

5:30 *Question & Answers*

5:45 *Adjourn*

FRIDAY

MAY 4th 2018

NEURO/SPINE

7:00 *Continental Breakfast*

7:30 **Must Know Cases - Neuro**
Thomas C. Lee, MD

SAM SESSION

8:00 **Approach to Brain MRI**
Srinivasan Mukundan, Jr., MD, PhD

8:30 **Stroke from Diagnosis to Treatment**
Pamela W. Schaefer, MD

9:00 **Imaging of Dementia, Common Disorders**
John W. Chen, MD, PhD

9:30 *Coffee Break*

SAM SESSION

9:50 **Demyelinating Disease Brain and Spine**
Amir A. Zamani, MD

10:20 **Spine - Degenerative Disease and Inflammation**
Roman A. Klufas, MD

10:50 **Imaging Thoracic/Lumbar Spine Trauma**
Bharti Khurana, MD

11:20 **Thyroid Ultrasound**
Carol B. Benson, MD

11:50 *Question & Answers*

12:00 *Lunch Recess*

1:15 **Must Know Cases - Head and Neck**
Mary E. Cunnane, MD

1:45 **Head and Neck Trauma**
Diego Nunez, MD, MPH, FACR

2:15 **Sinus Disease**
Amy Juliano, MD

2:45 *Coffee Break*

3:00 **Squamous Cell Carcinoma of the Head and Neck**
Hugh Curtin, MD

3:20 **Incidental Findings in Head and Neck Imaging**
Christopher A. Potter, MD

4:00 *Adjourn*

LOCATION, TRAVEL & ACCOMMODATIONS

All sessions for this activity will be held at:
Taj Boston, 15 Arlington Street,
Boston, MA 02109
(Telephone: 617-536-5700)

A limited number of rooms have been reserved at the Taj Boston until April 6, 2018. Please specify that you are enrolled in this activity to receive a reduced room rate of \$329 per night Single/Double. Hotel arrangements can also be made online at <http://tiny.cc/radiologyupdate2018>

Please do not purchase nonrefundable airline ticket(s) until you have received an email from our office confirming your paid registration.

REFUND POLICY

Refunds, less an administrative fee of \$75, will be issued for all cancellations received two weeks prior to the start of the course. No refund will be issued should cancellation occur less than two weeks prior. "No shows" are subject to the full course fee.

ONLINE REGISTRATION

To register or view activity information online visit:

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MON-FRI 9AM – 5PM ET

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RADIOLOGY UPDATE 2018

BOSTON, MA
APRIL 30-
MAY 4, 2018

REGISTRATION INFORMATION

Registration by credit card or check (VISA, MasterCard or American Express) can be made through Harvard Medical School's secure online registration system at:
<https://cmeregistration.hms.harvard.edu/Radiology2018>

Registration by check (draft on a US bank), please make payable to Harvard Medical School. Learners who choose to pay by check will be prompted to download an online form to send in with a payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted.

Upon receipt of your payment, you will receive an email confirmation. Be sure to include an email address that you check frequently.

TUITION FEE

Physician Fee	\$1,225
Resident/Fellow Fee	\$800
One Day Fee	\$400
Optional Printed Course Materials**	\$95

*Processing \$5 (non-refundable service fee)
*All fees shown in USD

Your email address is used for critical information including registration confirmation, evaluation and certificate.

** Each participant will receive an electronic syllabus. If you also desire a printed copy of these materials, you can purchase them for a fee of \$95.

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