October 22-26, 2012
Monday-Friday

The Fairmont Copley Plaza
Boston, Massachusetts

COURSE DIRECTORS
Hiroto Hatabu, MD, PhD
Srini Mukundan, PhD, MD
COURSE DESCRIPTION

The burgeoning field of Radiology, in particular CT and MRI, include new techniques and new applications that make it difficult for the practicing radiologist to stay current and up to date on when and why these techniques should be used and how to interpret them. In response to this increasing need, this is the 35th offering of our annual, postgraduate course that emphasizes clinical MRI and CT of the entire body. It is designed for practitioners using MRI and multidetector CT, and those who wish to learn the latest applications from experts. The basic format of the course is didactic lecture style supplemented by question and answer periods. The first two and a half days of the course (Monday, Tuesday, and Wednesday morning) cover body imaging, including, chest, abdomen, pelvis, cardiovascular, breast and musculoskeletal imaging; second two days (Wednesday afternoon, Thursday and Friday morning) cover Neuro Imaging. The Neuro Imaging curriculum spans the complete spectrum from spine, to brain, to head and neck/ENT. The Neuro Imaging curriculum is directed toward the practicing radiologist, with emphasis on the translation of advanced techniques and technologies to the clinical domain. The educational format will largely be didactic lectures supplemented by question and answer periods.

OBJECTIVES

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

- Demonstrate knowledge of the latest MRI and CT techniques for both body and neuroradiologic applications.
- Appropriately utilize the latest MRI and CT techniques for both body and neuroradiologic applications, many of which will be directly applicable in the clinic.
- Manage an MRI or CT facility.
- Demonstrate knowledge of how experienced radiologists perform and interpret these examinations.

WHO SHOULD ATTEND

This course is geared primarily for physicians who are practicing radiology or have an interest in the radiological sciences as well as Medical Physicists interested in CT or MR.

GUEST FACULTY

Warren B Gefter, MD: Professor of Radiology, Chief, Thoracic Imaging Section, Associate Chair, Department of Radiology, Hospital of the University of Pennsylvania, Philadelphia, PA

Jorge Soto, MD: Professor of Radiology, Vice-Chairman of Radiology, Boston University Medical Center, Boston, MA

Megan K Strother, MD: Assistant professor of Radiology and Radiological Sciences and Neurological Surgery, Vanderbilt University Medical Center, Nashville, TN

Sean Peter Symons, BASc, MPH, MD, FRCPC, DABR: Associate Professor, University of Toronto, Departments of Medical Imaging and Otolaryngology - Head and Neck Surgery, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

HARVARD MEDICAL SCHOOL FACULTY

Brian M Alexander, MD: Instructor in Radiation Oncology; Radiation Oncology Section, Brigham and Women’s Hospital

Michael A Blake, MD: Assistant Professor of Radiology; Division of Abdominal Imaging, Massachusetts General Hospital

Charles H Cho, MD, MBA: Instructor in Radiology; Neuroradiology Section, Brigham and Women’s Hospital

Mary E Cunnane, MD: Instructor in Radiology; Massachusetts Eye and Ear Infirmary, Division of Neuroradiology, Massachusetts General Hospital

Hugh D Curtin, MD: Professor of Radiology; Chief of Radiology, Massachusetts Eye and Ear Infirmary

Ian F Dunn, MD: Instructor in Surgery; Department of Neurosurgery, Brigham and Women’s Hospital

Alejandra Duran-Mendicuti, MD: Instructor in Radiology, Division of Emergency Radiology, Brigham and Women’s Hospital

Glenn C Gaviola, MD: Instructor in Radiology; Division of Musculoskeletal Imaging and Intervention, Brigham and Women’s Hospital

Victor H Gerbaudo, PhD: Lecturer on Radiology; Director, Nuclear Medicine and Molecular Imaging Program; Senior Administrative Director, Noninvasive Cardiovascular Imaging and Cardiac Stress Programs, Brigham and Women’s Hospital

Roger Han, MD: Instructor in Radiology; Division of Musculoskeletal Imaging, Brigham and Women’s Hospital

Raymond Y Huang, MD, PhD: Instructor in Radiology, Brigham and Women’s Hospital

Andetta R Hunsaker, MD: Assistant Professor of Radiology; Director, Division of Thoracic Radiology, Brigham and Women’s Hospital

Francine L Jacobson, MD: Assistant Professor of Radiology; Division of Thoracic Radiology, Brigham and Women’s Hospital

Bharti Khurana, MD: Instructor in Radiology; Division of Emergency Radiology, Brigham and Women’s Hospital

COURSE DIRECTORS

Hiroto Hatabu, MD, PhD: Associate Professor of Radiology, Harvard Medical School; Clinical Director, MRI Program, Medical Director, Center for Pulmonary Functional Imaging, Director, MRI Clinical Fellowship, Department of Radiology, Brigham and Women’s Hospital

Srinivasan Mukundan, Jr, PhD, MD: Associate Professor of Radiology, Harvard Medical School; Section Head of Neuroradiology, Brigham and Women’s Hospital
MONDAY, OCTOBER 22

BODY IMAGING
7:55 Welcome and Introduction Hiroto Hatabu, MD, PhD
Moderator: Aaron Sodickson, MD, PhD

EMERGENCY RADIOLOGY
8:00 Radiation Dose Reduction in ER Aaron Sodickson, MD, PhD
8:30 Abdominal Trauma Michael Stella, MD
9:00 Chest Trauma Sandra Duran-Mendicuzzi, MD
9:30 MRI of Acute Hip Pain Bharti Khurana, MD
10:00 Questions and Answers
10:10 Coffee Break

ABDOMEN I
10:30 Use of MRI in Abdominal Emergencies Jorge Soto, MD
11:00 CT/MRI of Cystic Pancreatic Masses Koenraad J Mortele, MD
11:30 Current Concepts in Imaging of Acute Pancreatitis Jorge Soto, MD
12:00 Questions and Answers
12:15 Lunch - On Your Own

ABDOMEN II
13:00 CT/MRI of Focal Liver Lesions: Detection Characterization and Surgical Planning Dushyant Sahani, MD
2:00 Use of CT angiography in Acute Lower Intestinal Bleeding Jorge Soto, MD
2:30 MRI of the Prostate Gland Clare M C Tempany, MD
3:00 Questions and Answers
3:10 Coffee Break

TUESDAY, OCTOBER 23

THORACIC IMAGING (INCLUDING BREAST AND HEART)
7:00 Continental Breakfast
7:10 Morning Announcements Hiroto Hatabu, MD, PhD
7:15 Morning Cases - Thoracic Hiroto Hatabu, MD, PhD
8:00 MR Physics Review Larry Panich, PhD
8:30 Breast MRI Sughra Raza, MD
9:00 Thoracic MRI: Promises, Problems, and Prospects Warren B Gefter, MD
9:30 COPD Screening and Staging Francine L Jacobson, MD
10:00 Questions and Answers
11:00 From Lesion Dimensions to Molecular Pathways: Monitoring Tumor Response to Therapy Victor H Gerbaudo, PhD
THURSDAY, OCTOBER 25

7:00 Continental Breakfast

NEURORADIOLOGY GAMUTS
7:10 Morning Announcements
Srinivasan Mukundan, Jr, PhD, MD
Moderator: Srinivasan Mukundan, Jr, PhD, MD
7:15 Morning Cases - Neuroradiology
Raymond Huang, MD
7:20 Acute Stroke Imaging by CT
Megan Strother, MD
7:45 Pitfalls with CT Perfusion Imaging in Neuroradiology
Megan Strother, MD
8:00 Coffee Break

2:45 MRI Technical Pearls in MSK
Nehal Shah, MD
3:15 CT/MRI of Arthritis
Barbara N Weissman, MD
9:45 MR Technical Pearls in MSK
Nehal Shah, MD
3:45 Coffee Break

4:15 MDCT, ASL, and Hypercapnic BOLD fMRI for Evaluating Perfusion in patients with Intracranial Stenosis
Megan Strother, MD
4:45 Neurons and Nephrons: Gadolinium Based Contrast Agents 2012
Srinivasan Mukundan, Jr, PhD, MD

5:00 Adjourn

FRIDAY, OCTOBER 26

7:00 Continental Breakfast

ENT IMAGING
7:10 Morning Announcements
Srinivasan Mukundan, Jr, PhD, MD
Moderator: Thomas Lee, MD
7:15 Morning Cases - Neuroradiology
Mary Beth Cunnane, MD
8:00 Landmarks in Head and Neck Cancer
Hugh D Curtin, MD
8:45 Temporal Bone Anatomy
Sean Symons, MD
9:30 Coffee Break

9:45 Parapharyngeal and Masticator Spaces
Hugh D Curtin, MD
10:30 Temporal Bone Pathology
Sean Symons, MD
11:15 Larynx
Hugh D Curtin, MD
11:45 Questions and Answers
12:00 Adjourn

Please note: Program changes/substitutions may be made without notice.
The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 36 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Body Imaging: A maximum of 20 AMA PRA Category 1 Credits™

Neuro Imaging: A maximum of 16 AMA PRA Category 1 Credits™

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

* Patient care
* Medical knowledge
* Practice-based learning and improvement

REGISTRATION INFORMATION
Tuition Fee:

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Registration by credit card (VISA or MasterCard) can be made at: www.cme.hms.harvard.edu/courses/mrict. Registration by check (draft on a United States bank), please make payable to Harvard Medical School and mail with registration form to Harvard Medical School-Department of Continuing Education, PO Box 417476, Boston, MA 02241-7476. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration an email confirmation from the HMS-DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information including: registration confirmation, evaluation and certificate.

INQUIRIES
By phone 617-384-8600, Monday-Friday, 10 AM to 4 PM (EST) or by email at: hms-cme@hms.harvard.edu.

ONLINE INFORMATION
To register or view activity information online, visit: www.cme.hms.harvard.edu/courses/mrict. To ensure proper registration, please add the first three characters of the source code.

DISCLOSURE POLICY
Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

REFUND POLICY
A handling fee of $60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior this activity. No refunds will be made thereafter.

COURSE LOCATION
All sessions will be held at the Fairmont Copley Plaza, 138 St. James Avenue, Boston, MA 02116 (617-267-5300).

ACCOMMODATIONS/TRAVEL
A limited number of rooms have been reserved at the Fairmont Copley Plaza, (800) 441-1414 or (617) 267-5300 until September 30, 2012. Please specify that you are enrolled in this activity to receive a reduced room rate of $319 and $349 Deluxe room per night Single/Double. You may also reserve your hotel reservations online via the dedicated booking website: https://resweb.passkey.com/go/hmsmrict. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airline reservations contact the HMS Travel Desk toll free 1-877-4-426444 (1-877-442-7863) Monday - Friday 9 AM - 8 PM (EST). From outside the US, Canada and Virgin Islands, please call 617-559-3764.

MRI/CT UPDATE COURSE # 321050

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Print Name Clearly – All Fields Required

Full Name, Mailing Address

Daytime Phone (___) _______ Fax Number (___)

PLEASE NOTE: Your email address is used for critical information about the course including: registration confirmation, course evaluation and certificate. Please be sure to include an email address you check daily or frequently.

Print Name Clearly

Email Address

Please check if you wish to be excluded from receiving email notices of future Harvard Medical School - Department of Continuing Education programs

Professional School Attended (Physicians Only)

Primary Specialty (Physicians Only)

Board Certified: Yes ☐ No ☐

Year of Graduation

Online Registrants - add the first three characters of the source code found here:

Source Code: XZZZ