

2012 Clinical State of the Art Body Imaging: MR, Radiation Safety and Dual Energy CT

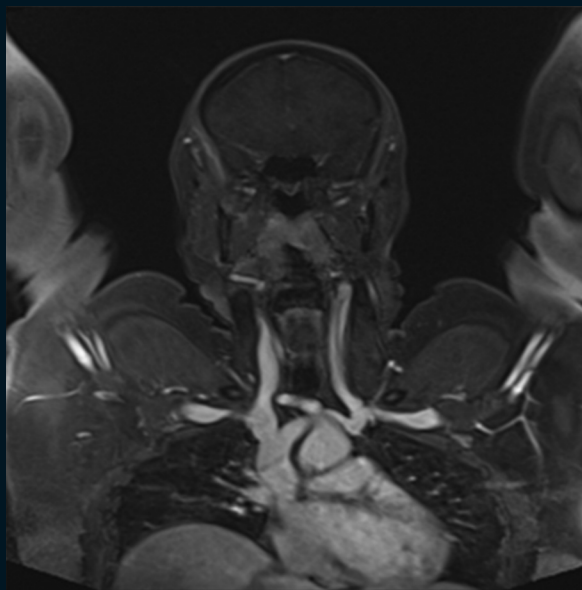
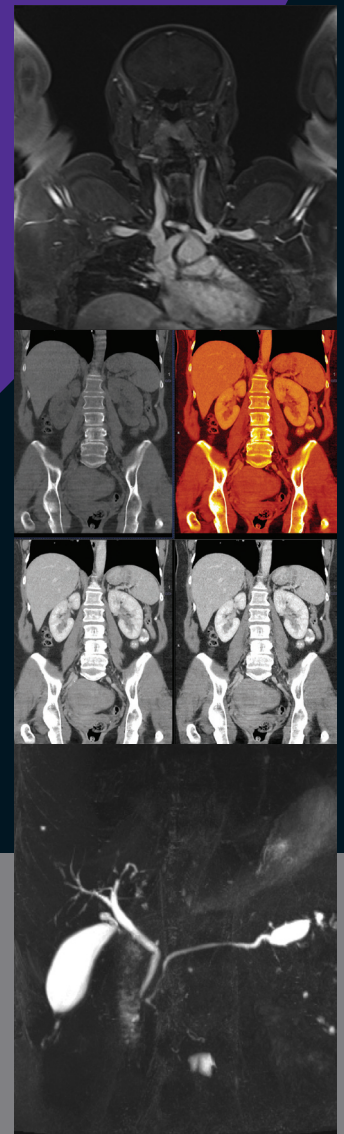
October 14-16, 2012

NYU Langone Medical Center
New York, NY



Department of Radiology

Sponsored by the
NYU Post-Graduate
Medical School



NYU Course Directors

Hersh Chandarana, M.D.

Assistant Professor of Radiology
Chief, Abdominal Imaging

Alec J. Megibow, M.D., M.P.H., F.A.C.R.

Professor of Radiology
Director, Faculty Practice Radiology

Guest Faculty

Susan M. Ascher, M.D.

Professor of Radiology
Co-Chief, Division of Abdominal Imaging
Georgetown University Hospital
Washington, DC

Norbert Pelc, Sc.D.

Professor of Radiology and Bioengineering
Associate Chair for Research, Radiology
Stanford University School of Medicine
Stanford, CA

Amy K. Hara, M.D.

Professor of Radiology
Mayo Clinic
Phoenix, AZ

Rohan Poulter, MBBS, MRCP, FRACP

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Vancouver General Hospital
Vancouver, BC

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Milwaukee, WI

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Professor and Co-Director,
Advanced Imaging Research Center
UT Southwestern Medical Center
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NYU Faculty

Genevieve L. Bennett, M.D.
Assistant Professor of Radiology

John A. Bonavita, M.D.
Assistant Professor of Radiology

Adam Davis, M.D.
Assistant Professor of Radiology

Nicole Hindman, M.D.
Assistant Professor of Radiology

Danny C. Kim, M.D.
Assistant Professor of Radiology
Director of Quality and Safety

Sooah Kim, M.D.
Assistant Professor of Radiology

David P. Naidich, M.D.
Professor of Radiology & Medicine

Andrew Rosenkrantz, M.D.
Assistant Professor of Radiology

Pippa Storey, Ph.D.
Assistant Professor of Radiology

Target Audience

Radiologists and technologists, medical physicists with an interest in state of the art clinical body MRI, radiation safety and Dual Energy CT.

Statement of Need/Course Description

This state of the art body MRI conference is designed to update the attendee on integrating technical and clinical aspects of body MRI to enable accurate diagnoses. The program will include information on how to recognize and avoid image related artifacts, how to understand new sequence implementation to improve diagnoses, and it will review the ever expanding clinical role of body MRI. Particular topics will include Liver Imaging, Pancreatico-Biliary Imaging, GenitoUrinary Imaging, Women's Imaging, Bowel, Physics in MRI and more, and lectures will incorporate technical aspects as well as clinical aspects in a coordinated and accessible manner.

All persons who utilize CT scanning for medical diagnosis are being challenged to understand the implications of delivered ionizing radiation to the population as well as specific methods by which radiation can be limited without affecting diagnosis. Basics of understanding of the biologic evidence for radiation safety, parameters that measure CT radiation output, as well as strategies used in dose reduction are critical components of radiologist and technologist knowledge base.

The Dual Energy CT Symposium will bring together clinical, engineering and physics experts and attendees will benefit from learning how different approaches to DE can be used to benefit patient care in all areas of the body. Attendees will review the latest techniques regarding adapting DECT into daily practice, reducing radiation doses and maintaining image quality. We will discuss recent evidence supporting reliability of virtual non-contrast imaging in clinical diagnosis.

Learning Objectives

Describe the latest non-invasive imaging techniques in prostate tumor localization in order to enable optimal detection of prostate cancer.

Compare the role of MR vs. CT in imaging the abdomen and pelvis and evaluate which will result in markedly less radiation exposure.

Analyze the latest scientific data which suggests that real radiation dose savings are achievable with Dual Energy CT.

Accreditation Statement

The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

The NYU Post-Graduate Medical School designates this live activity for a maximum of 20 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement

The NYU Post-Graduate Medical School adheres to ACCME Essential Areas and Policies, including the Standards for Commercial Support regarding industry support of continuing medical education. In order to resolve any identified conflicts of interest, disclosure information is provided during the planning process to ensure resolution of any identified conflicts. Disclosure of faculty and commercial relationships as well as the discussion of unlabeled or unapproved use of any drug, device or procedure by the faculty will be fully noted at the meeting.

Special Needs

The Post-Graduate Medical School of the New York University School of Medicine, in compliance with the legal requirements of the Americans with Disabilities Act, requests any participant of this CME course who is in need of accommodation to submit written requests to our office at least one month prior to the course date.

Registration Information

You may register online at www.radcme.med.nyu.edu or by completing the registration form on page 5.



2012 Clinical State of the Art Body Imaging

October 14–16, 2012 • *Meeting Schedule*

SUNDAY, OCTOBER 14, 2012

7:15 am Registration & Breakfast

7:55 am Welcome
Hersh Chandarana, M.D.

Physics: Groundwork of Body MRI

8:00 am Signal Generation and Detection
in MRI Relaxation: Contrast & Speed
Pippa Storey, Ph.D.

8:25 am Rationale for Pulse Sequence Selection in Abdominal MRI
Nicole Hindman, M.D.

8:50 am Emerging Pulse Sequences and Their Uses
Andrew Rosenkrantz, M.D.

9:15 am Why 3T for Body Imaging?
Neil M. Rofsky, M.D., F.A.C.R.

Liver Imaging

9:40 am Liver Specific MR Contrast Agents:
Usage in the Non-Cirrhotic & Cirrhotic Liver
Hersh Chandarana, M.D.

10:05 am Focal Liver Lesions (cirrhotic)
Andrew Rosenkrantz, M.D.

10:30 am NAFLD and Hepatic Iron:
What the Radiologist Needs to Know
Hersh Chandarana, M.D.

10:55 am Questions

11:00 am Coffee Break

Pancreatico-Biliary Imaging

11:15 am MRI of Pancreatitis
Nicole Hindman, M.D.

11:40 am Bile Duct Pathology: A Case Based Approach
Sooah Kim, M.D.

12:05 pm Management of Pancreatic Cysts
Alec J. Megibow, M.D., M.P.H., F.A.C.R.

12:30 pm Questions

12:35 pm Lunch

Women's Imaging

1:35 pm MR of Gynecologic Malignancy: Focus on Revised FIGO
Susan M. Ascher, M.D.

2:00 pm MRI for Abdominal Pain in Pregnancy
Neil M. Rofsky, M.D., F.A.C.R.

2:25 pm MRI of Uterine Artery Embolization
Susan M. Ascher, M.D.

2:50 pm MRI of the Uterus: Benign Conditions
Nicole Hindman, M.D.

3:15 pm MR of the Adnexae
Susan M. Ascher, M.D.

3:40 pm Questions

4:00 pm Adjourn

MONDAY, OCTOBER 15, 2012

7:30 am Breakfast

Physics and Safety in the Clinic: Artifacts and Equipment

8:00 am Name that Artifact: Recognition and Correction
of Image Artifacts in Abdominal MRI
Pippa Storey Ph.D.

8:25 am MRI Safety: What the Radiologist Needs to Know
Danny C. Kim, M.D.

MR Angiography / MRI of the Bowel

8:50 am Time Resolved MRA: Abdominal & Pelvic Applications
Danny C. Kim, M.D.

9:15 am Peripheral MRA
Nicole Hindman, M.D.

9:40 am MR Enterography
Sooah Kim, M.D.

10:05 am Questions

10:10 am Coffee Break

10:25 am Rectal MRI
Nicole Hindman, M.D.

10:50 am MR Defecography
Genevieve L. Bennett, M.D.

GenitoUrinary Imaging

11:15 am Prostate MRI
Andrew Rosenkrantz, M.D.

11:40 am Cystic Renal Masses
Nicole Hindman, M.D.

12:05 pm Questions

12:10 pm Lunch

1:10 pm Solid Renal Masses
Hersh Chandarana, M.D.

1:35 pm Adrenal MRI: FAQ
Danny C. Kim, M.D.

2:00 pm US and MRI of the Scrotum: A Case Based Approach
John A. Bonavita, M.D.

2:25 pm CIN/NSF: Update for 2012
Nicole Hindman, M.D.

2:50 pm 10 Unknown Pelvic MRI Cases:
Can You Make the Diagnosis
Genevieve L. Bennett, M.D.

3:10 pm Questions

3:30 pm Adjourn

TUESDAY, OCTOBER 16, 2012

7:30 am Breakfast

7:55 am Introduction
Alec J. Megibow, M.D., M.P.H., F.A.C.R.

Dual Energy CT & Radiation Safety

8:00 am Radiation Dose- Concerns and Facts
Alec J. Megibow, M.D., M.P.H., F.A.C.R.

8:25 am Primer on CT Radiation Dose Terminology
Danny C. Kim, M.D.

8:50 am How to Implement CT Dose Reduction
in Your Department
Amy K. Hara, M.D.

9:15 am Questions

9:30 am Coffee Break

9:45 am Physical Basis of Dual Energy CT
Norbert Pelc, Sc.D.

10:30 am Dual Energy CT and Radiation Dose
Alec J. Megibow, M.D., M.P.H., F.A.C.R.

11:00 am Dual Energy Approach to Lung Disease
David P. Naidich, M.D.

11:30 am Single Source Dual Energy Applications
in the Upper Abdomen
Amy K. Hara, M.D.

12:00 pm Questions

12:15 pm Lunch

1:15 pm Dual Energy CTA
W. Dennis Foley, M.D.

1:45 pm Dual Energy Cardiac CT
Rohan Poulter, MBBS, MRCP, FRACP

2:15 pm Dual Energy CT Applications in Neuro Imaging
Adam Davis, M.D.

2:45 pm Advanced Applications with Dual Energy CT
Hersh Chandarana, M.D.

3:15 pm Dual Energy CT in Daily Clinical Practice
Alec J. Megibow, M.D., M.P.H., F.A.C.R.

3:45 pm Questions

4:00 pm Adjourn

For Meeting Information Please Visit
<http://www.med.nyu.edu/courses/cme/mr12>

General Information & Hotel Accommodations

Meeting Location

NYU Langone Medical Center
Alumni Hall B
550 First Avenue
New York, NY 10016

Commuting and Parking

The NYU Langone Medical Center is a 20-minute walk from both Penn Station and Grand Central Terminal. If you are driving, there is a convenient garage at 575 1st Ave, directly across from NYU with discounts available before 9 a.m.

Air Travel

LaGuardia Airport is the most convenient (25-minute drive from the airport to NYU when there is no traffic). JFK and Newark are other airport options (60–90 minutes away).

The Affinia Dumont

150 East 34th Street

www.affinia.com

(walking distance to NYU Langone Medical Center's main building)

The Affinia Dumont combines a high-tech and health-conscious concept to help travelers stay productive and fit with stylish, modern suites and an on-site fitness spa. Conveniently located in central Murray Hill, the Dumont offers 242 spacious suites featuring executive workspace with modern amenities and technology such as high-speed Internet access and in-room fax/printer/copier. The hotel's health focus is emphasized by amenities such as a 3-choice pillow menu, a Fitness Concierge, in-room Fit Kits, and the Oasis Day Spa.

The 37-story Affinia Dumont offers 241 neutral-toned guestrooms with custom Affinia Beds. The beds feature 280-thread count linens, down comforters, pillowtop mattresses and padded headboards. Accommodations include honor bars and coffeemakers. Bathrooms contain granite vanities, bathrobes, makeup mirrors and Aveda toiletries. In-room safes are complimentary.

Studio Suite: \$289/night (High-speed Internet access is complimentary.)

Reservations:

Call 1-866-233-4642 and mention **NYU MRI/Dual Energy Meeting Fall 2012**

The cut-off date for accepting reservations at this rate is **Friday, September 28th**.

Special Topics/Questions

If there is a specific topic or question that would help fulfill your educational needs, please submit it on the registration form or on-line form.

Dietary Restrictions

Please indicate any dietary restrictions when registering.



Registration Form

You may register online:
www.radcme.med.nyu.edu

Please Print Clearly

Name

Address

City

State

Zip

Day Phone

Fax

E-mail (required for course confirmation)

Degree

Specialty

Subspecialty

Dietary Restrictions
(Please indicate any dietary restrictions on the registration form when you register.)

Registration Fee Options

(Please check appropriate boxes below)

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- \$925 Registration fee for physician
 \$675 Discounted fee*

* Discounted fees apply to NYU School of Medicine alumni, M.D.s employed by the Dept. of Veterans Affairs, full-time active military personnel, technologists, current residents/fellows, retirees, Canadian and other non-US physicians.

Optional Printed Syllabus

All meeting attendees will receive a USB drive uploaded with the meeting lectures. If you wish to purchase an additional printed syllabus, there is a fee of \$30 and you may order this when you register for the meeting.

- \$30 Optional Printed Syllabus

Methods of Payment

Check in U.S. Dollars: Made payable to
NYU Department of Radiology

If Sending Check, Please Mail to:

Marisa Costello
Department of Radiology
462 First Avenue
OBH, C&D, Floor 1, Room 4
New York, NY 10016

Payment by Credit Card:

Bill to: Visa Mastercard American Express

Card Member's Name (print carefully)

Card #

Exp Date: Month/Year _____/_____

Amount to be Charged: \$ _____

Signature (required to process)

Fax Form to: (212) 263-3959

Confirmation of Course Acceptance:

We no longer send out written or faxed confirmations. A confirmation receipt will be sent to you by e-mail if you provide your email address clearly.

Refund Policy:

If you need to cancel your enrollment, a \$75 service fee will be assessed for your tuition payment if written notice is received at least 30 days in advance and a \$150 service fee for cancellations made within 30 days. No refunds are possible if written notification is not sent.

Course Cancellation Policy:

In the unusual circumstance that this course is cancelled, two weeks' notice will be provided and full tuition refunded. The NYU Department of Radiology is not responsible for any airfare, hotel or other costs incurred.

Educational Needs

If there is a specific question or topic relating to this course, please submit it on the registration form or on the website when registering online.

In Case of Questions, Contact:

Michelle R. Koplik, Director of CME
(212) 263-3936 or michelle.koplik@nyumc.org

Marisa Costello, Program Manager
(212) 263-0724 or marisa.bruno@nyumc.org

We hope you'll plan on joining us at one of these CME courses.
WWW.RADCME.MED.NYU.EDU



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2012

JUN 27-30	Clinical Imaging Update	The Sagamore Resort Lake George, NY
JUL 30-AUG 3	Summer Radiology Symposium in Whistler	Four Seasons Whistler, Canada
OCT 14-16	2012 Clinical State of the Art Body Imaging: MR, Radiation Safety and Dual Energy CT	NYU Langone Medical Center New York, NY
OCT 22-26	Fall Radiology Symposium	The Roosevelt Hotel New Orleans, LA
DEC 17-21	31st Annual Head To Toe Imaging Conference	The Hilton New York New York, NY

2013

JAN 28-FEB 1	Clinical Imaging Symposium in Aruba	Hyatt Regency Resort Aruba
MAR 11-15	11th Annual Alpine Imaging Symposium	Westin Snowmass Snowmass, CO
MAY 20-22	Sports Medicine Imaging State of the Art	NYU Langone Medical Center New York, NY
MAY 23	Read with the Experts: Sports Medicine Imaging Workshop 2013	NYU Langone Medical Center New York, NY

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