



NYU Langone Medical Center

SPONSORED BY
NYU POST-GRADUATE MEDICAL SCHOOL
AND THE DEPARTMENT OF RADIOLOGY

27TH ANNUAL MORTON A. BOSNIAK

Head to Toe

Imaging Conference

at the Hilton New York
December 15–20, 2008

Monday, Dec. 15	Abdominal Imaging and PET/CT
Tuesday, Dec. 16	Musculoskeletal and Emergency Imaging
Wednesday, Dec. 17	Neuroradiology and Pediatric Radiology
Thursday, Dec. 18	Thoracic and Cardiac Imaging
Friday, Dec. 19	Women's and Breast Imaging
Saturday, Dec. 20	Interventional Radiology



Participating Faculty

Head to Toe

The Post-Graduate Medical School of the New York University School of Medicine is committed to improving patient care through continuing medical education.

Program Director

Georgeann McGuinness, M.D., F.A.C.R.

Associate Program Directors

Genevieve L. Bennett, M.D. (Women's Imaging)
Timothy W.I. Clark, M.D., F.S.I.R. (Vascular/Interventional)
Nancy R. Fefferman, M.D. (Pediatric Imaging)
Haskel Fleishaker, M.D. (Emergency Imaging)
Jill E. Jacobs, M.D. (Cardiac Imaging)

Edmond A. Knopp, M.D. (Neuroradiology)
Michael Macari, M.D. (Abdominal Imaging)
Karen A. Mourtzikos, M.D. (PET/CT Imaging)
Zehava Sadka Rosenberg, M.D. (Musculoskeletal Imaging)
Hildegard K. Toth, M.D. (Breast Imaging)

Guest Faculty

Thomas E. Hartman, M.D.

Associate Professor of Radiology
Mayo Clinic
Rochester, Minnesota

Brian Herts, M.D.

Associate Professor of Radiology
Section Head, Abdominal Imaging
Cleveland Clinic
Cleveland, Ohio

Michael T. Modic, M.D.

Professor of Radiology
Chairman, Neurological Institute
Cleveland Clinic
Cleveland OH

Faye C. Laing, M.D.

Professor of Radiology
Harvard Medical School
Radiologist, Division of Ultrasound
Brigham and Women's Hospital
Boston, MA

Mini Pathria, M.D.

Professor of Radiology
University of California, San Diego
San Diego, California

NYU Faculty

Theresa A. Aquino, M.D.

Assistant Professor of Radiology

Leon Axel, Ph.D., M.D.

Professor of Radiology, Medicine, Physiology
and Neuroscience

Alexander B. Baxter, M.D.

Assistant Professor of Radiology

Jenny T. Bencardino, M.D.

Associate Professor of Radiology

Genevieve L. Bennett, M.D.

Assistant Professor of Radiology
Chief, Women's Imaging

Mark P. Bernstein, M.D.

Assistant Professor of Radiology

John A. Bonavita, M.D.

Assistant Professor of Radiology

Hersh Chandarana, M.D.

Assistant Professor of Radiology

Hearns W. Charles, M.D.

Assistant Professor of Radiology

Kyunghee C. Cho, M.D., F.A.C.R.

Professor of Radiology

Gina A. Ciavarra, M.D.

Assistant Professor of Radiology

Timothy W.I. Clark, M.D., F.S.I.R.

Associate Professor of Radiology
Chief, Vascular and Interventional Radiology

Adam Davis, M.D.

Assistant Professor of Radiology

Joseph Erinjeri, M.D., Ph.D.

Assistant Professor of Radiology

Nancy R. Fefferman, M.D.

Assistant Professor of Radiology
Chief, Pediatric Radiology

Melvyn A. Feliciano, M.D.

Assistant Professor of Radiology

Haskel Fleishaker, M.D.

Assistant Professor of Radiology
Chief, Emergency Radiology

Kent P. Friedman, M.D.

Assistant Professor of Radiology

Ajax E. George, M.D.

Professor of Radiology

Elizabeth M. Hecht, M.D.

Assistant Professor of Radiology

Cathleen C. Heffernan, M.D.

Assistant Professor of Radiology

Nicole Hindman, M.D.

Assistant Professor of Radiology

Gwendolyn C. Hotson, M.D.

Associate Professor of Radiology

Jill E. Jacobs, M.D.

Associate Professor of Radiology
Chief, Cardiac Imaging

Danny C. Kim, M.D.

Assistant Professor of Radiology

Sooh Kim, M.D.

Assistant Professor of Radiology

Edmond A. Knopp, M.D.

Associate Professor of Radiology and Neurosurgery
Chief, Neuroradiology

Jane P. Ko, M.D.

Associate Professor of Radiology

Sandor Kovacs, M.D.

Assistant Professor of Radiology

Jiyon Lee, M.D.

Assistant Professor of Radiology

Richard Lefleur, M.D.

Associate Professor of Radiology

Barry S. Leitman, M.D.

Professor of Radiology
Interim Chief, Thoracic Imaging

Andrew W. Litt, M.D., F.A.C.R.

Associate Professor of Radiology
Executive Vice President and Vice Dean
Chief of Staff

Ruth Lim, M.D.

Assistant Professor of Radiology

John P. Loh, M.D.

Assistant Professor of Radiology

Michael Macari, M.D.

Associate Professor of Radiology
Chief, Abdominal Imaging

Georgeann McGuinness, M.D., F.A.C.R.

Professor of Radiology
Vice Chair, Education

Michael B. Mechlin, M.D.

Assistant Professor of Radiology

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

Professor of Radiology
Director, Faculty Practice Radiology

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Assistant Professor of Radiology

Sarah Sarvis Milla, M.D.

Assistant Professor of Radiology

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Sandra L. Moore, M.D.

Assistant Professor of Radiology

Karen A. Mourtzikos, M.D.

Assistant Professor of Radiology
Interim Chief, Nuclear Medicine

Linda Moy, M.D.

Assistant Professor of Radiology

David P. Naidich, M.D.

Professor of Radiology and Medicine

Annette O. Nusbaum, M.D.

Assistant Professor of Radiology

Catherine N. Petchprapa, M.D.

Assistant Professor of Radiology

Lynne P. Pinkney, M.D.

Assistant Professor of Radiology

Fabio Ponzio, M.D.

Assistant Professor of Radiology

Bidyut K. Pramanik, M.D.

Assistant Professor of Radiology

Rafael Rivera, M.D.

Assistant Professor of Radiology

Leon D. Rybak, M.D.

Assistant Professor of Radiology

Zehava Sadka Rosenberg, M.D.

Professor of Radiology & Orthopaedic Surgery

Maria C. Shiau, M.D.

Assistant Professor of Radiology

Christia M. Slywotzky, M.D.

Assistant Professor of Radiology

M. Barbara Srichai-Parsia, M.D.

Assistant Professor of Radiology and Medicine

Bachir Taouli, M.D.

Assistant Professor of Radiology

Hildegard K. Toth, M.D.

Associate Professor of Radiology
Chief, Breast Imaging

Maj L. Wickstrom, M.D.

Assistant Professor of Radiology

Joseph M. Yee, M.D.

Associate Professor of Radiology

Imaging Conference Overview



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Target Audience

The course material is intended for clinical radiologists in either general or specialized practice, and is appropriate for radiologists in training. Familiarity with the fundamentals of CT, MR, PET, and US technology and applications, as well as basic anatomy, is assumed.

Statement of Need

The continued rapid evolution of technology in CT, MR, PET, and US, with the consequent modification and expansion of clinical applications for these techniques, has resulted in an ongoing need for an annual, all-encompassing course introducing the latest developments in the field, while reviewing and updating established proven applications for these modalities. Additionally, new concepts and understandings regarding common diseases necessitate timely periodic review of clinical disorders. Due to the explosive growth of the field of radiology it is imperative for practicing radiologists to continually update their skills and gain exposure to new information. Maintenance of certification requires continued review of essential imaging techniques in all areas of radiology, including abdominal, thoracic, musculoskeletal, cardiac, breast and women's imaging, and neuroradiology.

Course Description

The 27th Annual "Morton A. Bosniak Head to Toe Imaging Conference" in its entirety offers an intensive 5 1/2 day program reviewing Neurologic, Musculoskeletal, Pediatric, Abdominal, Thoracic, Cardiac, Breast, Women's, Trauma and Emergency Imaging, PET/CT, and interventional techniques. An innovative feature of this course is that individual sections of the program can be attended on a daily basis, allowing course content to be tailored to the unique interests and requirements of each registrant.

The purpose of this course is to provide the registrant with an overview of state-of-the-art imaging methods as they pertain to clinical practice, and to introduce advances in the field in terms of imaging technology and disease diagnosis and management. The course is designed to examine the practical aspects of established CT, MRI, US, and PET techniques, as well as to introduce new techniques and applications for these modalities. Plenary sessions and workshops have been structured to review pathologic processes and image interpretation, and to update the registrant on advanced applications and image analysis.

The one-day Interventional course will provide an overview of current interventional techniques and therapies, geared toward radiologists who perform limited IR procedures and image patients following intervention. In this session, hands-on workshops running concurrently with didactic lectures will enable attendees to refine their freehand ultrasound intervention skills and gain familiarity with a wide variety of interventional devices.

Acknowledgements

The organizers gratefully acknowledge the educational grants received from the following organizations:

BAYER HEALTHCARE PHARMACEUTICALS
SIEMENS MEDICAL SOLUTIONS, INC.

Educational Objectives

1. Given challenging clinical scenarios, such as pregnancy or emergency and trauma medicine, enhance diagnostic acumen in evaluating the entire body using MR, MR Spectroscopy, CT, PET, US and non-invasive angiography.
2. Demonstrate improved detection and characterization of disease and injury based on new and advanced imaging techniques.
3. Given patients presenting with CNS neoplasia, degenerative joint disease, bone marrow disorders, focal and diffuse liver disease, interstitial lung disease, atherosclerotic cardiovascular disease, and breast cancer, among other conditions, design optimized protocols utilizing state-of-the-art imaging technology, based on new imaging algorithms.
4. In assessing the rapid evolution of new imaging technology, critically evaluate the strengths and weaknesses of these methodologies and apply optimal utilization of these techniques in clinical practice.
5. Through lectures and hands-on workshops, demonstrate familiarity with freehand ultrasound interventional techniques and a variety of interventional devices.

Course Format

The course runs for 5 1/2 days, with a combination of didactic lectures and interactive workshops on most days. **Pre-registration for workshops is not required.** Attendance of the entire course will provide a comprehensive imaging review, including advanced and cutting edge techniques. Registrants may choose to enroll in any combination of individual course days, thereby creating a unique course content tailored to an individual's distinct interests.

- Day 1: **ABDOMINAL IMAGING AND PET/CT**
Day 2: **MUSCULOSKELETAL AND EMERGENCY IMAGING**
Day 3: **NEURORADIOLOGY AND PEDIATRIC RADIOLOGY**
Day 4: **THORACIC AND CARDIAC IMAGING**
Day 5: **WOMEN'S AND BREAST IMAGING**
Day 6: **INTERVENTIONAL RADIOLOGY**



General Information



Enjoy These Low Rates!

Conference Location

Hilton New York
1335 Avenue of the Americas (53rd Street)
New York City

Telephone for Reservations: 1-800-HILTONS

Telephone in New York: 212-586-7000

Group Name: NYU Head to Toe Group

Group Rates: \$325 (single or double)
plus taxes

Hilton New York

The Hilton New York is a sophisticated hotel conveniently located in the midst of business and media centers in New York City, at West 53rd Street and Avenue of the Americas (Sixth Avenue).

Hilton New York hotel guestrooms are spacious and stylish with a comfortable work area, high-speed internet access (wired and wireless), multiple-line phones, voicemail and data port, alarm clock radio with MP3 connection and complimentary newspaper Monday through Friday. All guest rooms feature marble baths, in-room thermostat control, 27 inch television, on-demand entertainment including video games, refreshment center, and coffeemaker.

The hotel offers a Fitness Club and Spa on the fifth floor of the hotel. We think you'll enjoy the location of the Hilton for the Broadway theatre district, 5th Avenue shopping and major museums.



NYU Room Block and Rates

Our room block begins Saturday, December 13th and concludes on Sunday, December 21st.

Our NYU Group Rates are \$325 per night (single or double) plus applicable taxes. Please reserve your room early (as our block could sell out quickly) but the official cut-off date is **November 14, 2008**.

To reserve your room, call 1-800-HILTONS and indicate that you are part of the NYU Head to Toe Group or, even easier, go to the NYU Radiology Website (www.radcme.med.nyu.edu) and register for the meeting and then click on the Hilton New York link to reserve your room online.

Registration Procedure

Registration fees are found on the Registration Form at the back of this brochure. You may sign up for the entire 5½ days or you may register on a daily basis (but half-day rates are not possible). The easiest way to register is online by going to www.radcme.med.nyu.edu. Please be sure to provide your email address to receive a confirmation/receipt. If you need to submit a check, please mail the registration form and check to our offices.

Accreditation Statement

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

Credit Designation Statement

The NYU Post-Graduate Medical School designates this educational activity for a maximum of *44.50 AMA PRA Category 1 Credits™*. Physicians should only claim credits commensurate with the extent of their participation in the activity.

Daily Credits

MONDAY

(ABDOMINAL IMAGING AND PET/CT):

7.75 Category I Credits

TUESDAY

(MUSCULOSKELETAL AND EMERGENCY IMAGING):

7.50 Category I Credits

WEDNESDAY

(NEURORADIOLOGY & PEDIATRIC RADIOLOGY):

7.50 Category I Credits

THURSDAY

(THORACIC AND CARDIAC IMAGING):

7.50 Category I Credits

FRIDAY

(WOMEN'S AND BREAST IMAGING):

7.50 Category I Credits

SATURDAY

(INTERVENTIONAL RADIOLOGY):

6.75 Category I Credits

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.

AHRA CE Credits

Category A CE Credits are pending approval by the AHRA.

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.

Dietary Restrictions

Please indicate any dietary restrictions on the registration form or online form.

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 online form.

Tour of Contemporary Art Galleries in Chelsea • (Tuesday & Thursday Mornings)

West Chelsea is the center of the international Contemporary Art scene. Jill Nathanson, artist and guide, will lead a walking tour of important current exhibitions. We will stop at some of the most avant garde galleries and see work ranging from the beautiful to the outrageous. Tours will integrate art lovers, collectors, the curious and the artistically ignorant into a walking conversation.

(Dress warmly, wear comfortable shoes and meet at the NYU Meeting Registration Desk at 9:15 a.m.; departure at 9:45 a.m. You will be back in time for lunch. Cost per person is \$35; min 4 persons/max of 20. Register in advance on the Registration Form or on-line.)

Head to Toe Imaging

Program Information

SUNDAY, DECEMBER 14, 2008

4:00– *Registration* (Hilton, New York)
6:00

MONDAY, DECEMBER 15, 2008

ABDOMINAL IMAGING

- 6:45 *Registration & Continental Breakfast*
7:35 *Introduction & Greeting*
Georgeann McGuinness, M.D., F.A.C.R.
Program Director
- 7:40 *Welcome*
Michael Macari, M.D.
Associate Program Director
- 7:45 **MDCT AND MRI OF PANCREATIC MASSES**
Michael Macari, M.D.
- 8:15 **SMALL BOWEL IMAGING: UPDATE**
Alec J. Megibow, M.D., M.P.H., F.A.C.R.
- 8:45 **MRI OF FOCAL LIVER LESIONS (non cirrhotic)**
Nicole Hindman, M.D.
- 9:15 **THE MORTON A. BOSNIK LECTURE**
IMAGING OF RENAL NEOPLASMS—
MOVING BEYOND CHARACTERIZATION
Brian Herts, M.D.
- 10:00 *Questions and Discussion*
10:15 *Coffee Break*
10:30 **PITFALLS & VARIANTS IN ABDOMINAL MR**
Elizabeth M. Hecht, M.D.
- 10:55 **CT OF THE ACUTE ABDOMEN**
Michael Macari, M.D.
- 11:25 **ADRENAL IMAGING**
Ruth Lim, M.D.
- 11:55 **DIFFUSE DISEASES OF THE LIVER:**
MRI EVALUATION?
Bachir Taouli, M.D.
- 12:25 *Questions and Discussion*
12:40 *Lunch*

PET/CT

- 1:45 **PET/CT IN LUNG CANCER**
Fabio Ponzio, M.D.
- 2:15 **PET/CT IN THE MANAGEMENT OF**
CUTANEOUS MELANOMA
Kent P. Friedman, M.D.
- 2:45 **APPLICATIONS OF PET/CT IN LYMPHOMA AND IN**
THE EVALUATION OF LYMPH NODES
Karen A. Mourtzikos, M.D.
- 3:15 *Coffee Break*

WORKSHOPS—Abdominal & PET/CT

- 3:30 **Workshop #1**
- A. CT/MR OF THE SPLEEN**
Kyunghee C. Cho, M.D., F.A.C.R.
 - B. ABDOMINAL DISASTERS**
John A. Bonavita, M.D.
 - C. VIRTUAL COLONOSCOPY: GETTING STARTED**
Michael Macari, M.D.
 - D. MRCP**
Hersh Chandarana, M.D.
 - E. US/CT & MRI OF THE GALLBLADDER**
Genevieve Bennett, M.D.
 - F. PRINCIPLES AND APPLICATIONS OF PET/CT**
Karen A. Mourtzikos, M.D.
- 4:15 **Workshop #2**
- A. 3D IMAGING POST PROCESSING**
Danny C. Kim, M.D.
 - B. ABDOMINAL MR DIFFUSION: APPLICATIONS**
Bachir Taouli, M.D.
 - C. INTERESTING US CASES WITH CT/MRI CORRELATION**
Joseph Yee, M.D. & Chrystia Slywotzky, M.D.
 - D. MRI OF THE BOWEL: A CASE BASED APPROACH**
Sooah Kim, M.D.
 - E. DUAL ENERGY APPLICATIONS IN THE ABDOMEN**
Alec J. Megibow, M.D., M.P.H., F.A.C.R.
 - F. PET/CT: PEARLS AND PITFALLS**
Kent Friedman, M.D.
- 5:00 *Adjournment*

TUESDAY, DECEMBER 16, 2008

MUSCULOSKELETAL RADIOLOGY AND EMERGENCY IMAGING

- 7:00 *Registration and Continental Breakfast*
7:40 *Welcome*
Zehava Sadka Rosenberg, M.D.
Associate Program Director
- 7:45 **MRI OF THE ELBOW**
Leon D. Rybak, M.D.
- 8:15 **TRAUMATIC MUSCLE DISORDERS**
Mini Pathria, M.D.
- 9:00 **IMPINGEMENT SYNDROMES OF THE ANKLE**
Zehava Sadka Rosenberg, M.D.
- 9:30 **MRI OF SPINE TRAUMA**
Mini Pathria, M.D.
- 10:15 *Panel Discussion*
10:25 *Coffee Break*
10:40 **RADIOGRAPHIC INDICATIONS OF**
KNEE LIGAMENT INJURY
Mini Pathria, M.D.
- 11:25 **SHOULDER INSTABILITY**
Jenny Bencardino, M.D.
- 11:55 **MRI OF WRIST TENDONS**
Catherine Petchprapa, M.D.
- 12:25 *Panel Discussion*
12:35 *Lunch*

TRAUMA & EMERGENCY IMAGING

- 1:40 *Welcome*
Haskel Fleishaker, M.D.
Associate Program Director
- 1:45 **MDCT OF MAXILLOFACIAL TRAUMA**
Mark P. Bernstein, M.D.
- 2:15 **MDCT OF PELVIC ACETABULAR TRAUMA**
Melvyn A. Feliciano, M.D.
- 2:45 **VASCULAR AND SOFT TISSUE EMERGENCIES**
OF THE NECK
Alexander B. Baxter, M.D.
- 3:15 *Coffee Break*

WORKSHOPS—Musculoskeletal & Emergency Imaging

- 3:30 **Workshop #1**
- A. MUSCULOSKELETAL ULTRASOUND**
Gina Ciavarra, M.D.
 - B. IMAGING OF STRESS INJURIES**
Nogah Shabshin, M.D.
 - C. MUSCULOSKELETAL COMPLICATIONS OF DIABETES**
Sandra L. Moore, M.D.
 - D. MRI OF CALF PAIN**
Michael B. Mechlin, M.D.
 - E. INTERESTING SPINE TRAUMA CASES**
Alexander Baxter, M.D. and Mark Bernstein, M.D.
 - F. NONTRAUMATIC EMERGENCY ABDOMINAL CASES**
Haskel Fleishaker, M.D.
- 4:15 **Workshop #2**
REPEAT OF WORKSHOP #1
- 5:00 *Adjournment*

WEDNESDAY, DECEMBER 17, 2008

NEURORADIOLOGY

- 7:40 *Welcome*
Edmond A. Knopp, M.D.
Associate Program Director
- 7:45 **IMAGING OF BRAIN TUMORS**
Edmond A. Knopp, M.D.
- 8:15 **THE AGING BRAIN AND HYDROCEPHALUS**
Ajax E. George, M.D.
- 8:45 **THE IRVIN KRICHEFF LECTURE**
SPINAL MARROW CHANGES - DIFFERENTIAL &
BIOMECHANICAL IMPLICATIONS
Michael Modic, M.D.
- 9:45 *Questions & Discussion*
10:00 *Coffee Break*
10:15 **NEUROVASCULAR NONINVASIVE ANGIOGRAPHY**
Andrew W. Litt, M.D., F.A.C.R.
- 10:45 **STROKE IMAGING**
Bidyut K. Pramanik, M.D.
- 11:15 **CNS INFECTIOUS DISEASE**
Gwendolyn C. Hotson, M.D.
- 11:45 **TEMPORAL BONE MR IMAGING**
John P. Loh, M.D.
- 12:15 *Questions & Discussion*
12:30 *Lunch*

PEDIATRIC IMAGING

- 1:40 *Welcome*
Nancy R. Fefferman, M.D.
Associate Program Director
- 1:45 **PEDIATRIC NEURORADIOLOGY: SEIZURES**
Sarah Sarvis Milla, M.D.
- 2:15 **PEDIATRIC BODY CT IN THE MULTISLICE ERA:**
AN UPDATE
Nancy R. Fefferman, M.D.
- 2:45 **PEDIATRIC MUSCULOSKELETAL MRI—I**
Rafael Rivera, M.D.
- 3:15 **PEDIATRIC MUSCULOSKELETAL MRI—II**
Lynne P. Pinkney, M.D.
- 3:45 *Coffee Break*

WORKSHOPS—Neuroradiology & Pediatrics

- 4:00
- A. CHALLENGING PEDIATRIC RADIOLOGY CASES**
Nancy R. Fefferman, M.D., Lynne P. Pinkney, M.D.,
Rafael Rivera, M.D., Sarah Milla, M.D.
 - B. NEUROVASCULAR CT ANGIOGRAPHY**
Adam Davis, M.D.
 - C. DEGENERATIVE SPINAL DISORDERS**
Michael Modic, M.D.
 - D. NEURORADIOLOGY CASE REVIEW**
Robin J. Mitnick, M.D.
 - E. IMAGING THE SEIZURE PATIENT**
Annette O. Nusbaum, M.D.
 - F. SNAKE IN THE HOUSE:**
THE LOCALIZATION OF SPINAL LESIONS
John P. Loh, M.D.
- 5:00 *Adjournment*

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THURSDAY, DECEMBER 18, 2008

THORACIC IMAGING

- 7:40 **Welcome**
Georgeann McGuinness, M.D., F.A.C.R.
Program Director
- 7:45 **EVALUATION OF NON-TRAUMATIC AORTIC DISEASE**
Jane P. Ko, M.D.
- 8:15 **EVALUATION AND MANAGEMENT OF SUB-SOLID NODULES**
David P. Naidich, M.D.
- 8:45 **THYROID NODULES: WHAT NOT TO BIOPSY**
John A. Bonavita, M.D.
- 9:15 **CENTRAL AIRWAY DISEASE**
Maria C. Shiau, M.D.
- 9:45 **Questions & Discussion**
- 10:00 **Coffee Break**
- 10:15 **HRCT LEXICON AND SIGNS: HOW TO SPEAK THE LANGUAGE**
Georgeann McGuinness, M.D., F.A.C.R.
- 10:45 **DIFFUSE NODULAR LUNG DISEASE: A DIFFERENTIAL ALGORITHM**
David P. Naidich, M.D.
- 11:15 **HRCT OF DIFFUSE INTERSTITIAL LUNG DISEASE**
Thomas E. Hartman, M.D.
- 11:45 **UNKNOWN HRCT PANEL**
MODERATOR: Georgeann McGuinness, M.D., F.A.C.R.
PANEL: Thomas E. Hartman, M.D.,
David P. Naidich, M.D., and Jane P. Ko, M.D.
- 12:30 **Lunch**

CARDIAC IMAGING

- 1:40 **Welcome**
Jill E. Jacobs, M.D.
Associate Program Director
- 1:45 **EVALUATION OF CORONARY ARTERY DISEASE WITH CARDIAC CT ANGIOGRAPHY**
Jill E. Jacobs, M.D.
- 2:15 **BASICS OF CARDIAC MRI**
Ruth Lim, M.D.
- 2:45 **THE ROLE OF MRI IN VIABILITY IMAGING**
M. Barbara Srichai-Parsia, M.D.
- 3:15 **Coffee Break**

WORKSHOPS—Thoracic & Cardiac

- 3:30 **Workshop #1**
- A. IMAGING OF THORACIC TRAUMA**
Thomas E. Hartman, M.D.
 - B. INTERESTING THORACIC CASES**
Maria C. Shiau, M.D.
 - C. CT OF PULMONARY THROMBOEMBOLIC DISEASE**
Maj L. Wickstrom, M.D.
 - D. IMAGING IN THE ICU**
Barry S. Leitman, M.D.
 - E. CARDIAC CT/MR: INTERESTING CASES**
Danny C. Kim, M.D.
- 4:15 **Workshop #2**
- A. ACUTE LUNG SYNDROMES**
Georgeann McGuinness, M.D., F.A.C.R.
 - B. DUAL ENERGY CT IN THE THORAX**
David P. Naidich, M.D.
 - C. MANAGEMENT OF PULMONARY NODULES—FLEISCHNER SOCIETY AND ACCP GUIDELINES UPDATE**
Jane P. Ko, M.D.
 - D. SMALL AIRWAY DISEASE**
John A. Bonavita, M.D.
 - E. CONGENITAL HEART DISEASE WITH MRI: A CASE-BASED APPROACH**
Leon Axel, Ph.D., M.D.

5:00 **Adjournment**

FRIDAY, DECEMBER 19, 2008

WOMEN'S IMAGING

- 7:40 **Welcome**
Genevieve L. Bennett, M.D.
Associate Program Director
- 7:45 **CT OF THE FEMALE PELVIS: EVALUATION OF EMERGENT CONDITIONS**
Genevieve L. Bennett, M.D.
- 8:30 **SONOGRAPHIC EVALUATION OF THE OVARY—TO WORRY OR NOT TO WORRY?**
Faye C. Laing, M.D.
- 9:15 **IMAGING CHALLENGES IN THE FEMALE PELVIS: CAN MRI HELP?**
Elizabeth M. Hecht, M.D.
- 10:00 **Questions and Discussion**
- 10:15 **Coffee Break**
- 10:30 **EVALUATION OF ECTOPIC PREGNANCY: 2008**
Faye C. Laing, M.D.
- 11:15 **EVALUATION OF THE PREGNANT PATIENT WITH ABDOMINAL PAIN: US, CT AND MR**
Genevieve L. Bennett, M.D.
- 11:45 **FETAL MRI: CURRENT STATUS**
Sarah Milla, M.D.
- 12:15 **Questions and Discussion**
- 12:30 **Lunch**

BREAST IMAGING

- 1:45 **ROLE OF MRI IN THE EVALUATION OF BREAST CANCER**
Linda Moy, M.D.
- 2:15 **HIGH RISK LESIONS: MANAGEMENT CONSIDERATIONS**
Cecilia L. Mercado, M.D.
- 2:45 **DIGITAL MAMMOGRAPHY: AN OVERVIEW**
Hildegard K. Toth, M.D.
- 3:15 **Coffee Break**

WORKSHOPS—Women's Imaging & Breast Imaging

- 3:30 **Workshop #1**
- A. CHALLENGES AND PITFALLS IN THE FEMALE PELVIS: CASE BASED REVIEW**
Genevieve L. Bennett, M.D.
Chrystia M. Slywotzky, M.D.
 - B. IMAGE-GUIDED INTERVENTIONS IN THE BREAST: PROCEDURES AND PITFALLS**
Jiyon Lee, M.D.
 - C. MRI-GUIDED BREAST INTERVENTIONS: HOW WE DO IT**
Cathleen C. Heffernan, M.D.
 - D. AN INTRODUCTION: THE MALE BREAST**
Hildegard K. Toth, M.D.
- 4:15 **Workshop #2**
REPEAT OF WORKSHOP #1
- 5:00 **Adjournment**

SATURDAY, DECEMBER 20, 2008

INTERVENTIONAL RADIOLOGY

- 7:40 **Welcome**
Timothy W.I. Clark, M.D., F.S.I.R.
Associate Program Director
- 7:45 **HOW TO DRAIN (ALMOST) ANYTHING IN THE ABDOMEN**
Hearns Charles, M.D.
- 8:15 **HOW TO BIOPSY (ALMOST) ANYTHING IN THE CHEST**
Sandor Kovacs, M.D.
- 8:45 **THERMAL ABLATION OF THE LUNG: RFA, CRYO, MICROWAVE, AND IMAGING OF THE POST-ABLATED LUNG**
Joseph Erinjeri, M.D., Ph.D.
- 9:15 **RENAL CANCER ABLATION: TECHNIQUE AND IMAGING OF THE POST-ABLATED KIDNEY**
Timothy W.I. Clark, M.D., F.S.I.R.
- 9:45 **Questions & Discussion**
- 10:00 **Coffee Break**

REGISTRANTS MAY CHOOSE FROM THE FOLLOWING:

CONTINUATION OF GENERAL SESSION

- 10:15 **RADIATION SAFETY FOR THE INTERVENTIONALIST**
Theresa Aquino, M.D.
- 10:45 **COMPLEX BILIARY INTERVENTIONS MADE EASY**
Sandor Kovacs, M.D.
- 11:15 **NEPHROSTOMY, NEPHROURETERAL & DOUBLE-J URETERAL STENTS: WHAT TO USE AND WHEN TO USE THEM**
Joseph Erinjeri, M.D., Ph.D.
- 11:45 **ADVANCES IN CHRONIC TOTAL OCCLUSIONS: RECANALIZATION, ENDOGRAFTS, ATHERECTOMY**
Timothy W.I. Clark, M.D., F.S.I.R.
- 12:15 **Questions & Discussion**
- 12:30 **Adjournment**

CONCURRENT HANDS-ON WORKSHOPS

- 10:15 – 12:15
- Workshop A:**
ULTRASOUND FREEHAND BIOPSY TECHNIQUES
Hearns Charles, M.D.
Theresa Aquino, M.D.
Sandor Kovacs, M.D.
Joseph Erinjeri, M.D., Ph.D.
- Workshop B:**
HOW TO USE THE TOOLS OF THE TRADE: CATHETERS, GUIDEWIRES, FILTERS, EMBOLICS
Richard Lefleur, M.D.
- 12:15 **Questions & Discussion**
- 12:30 **Adjournment**

Registration Form

27TH ANNUAL MORTON A. BOSNIAK Head to Toe Imaging Conference December 15-20, 2008

Online
Registration
[www.radcm.
med.nyu.edu](http://www.radcm.med.nyu.edu)

PLEASE PRINT CLEARLY

First Name _____
Last Name _____
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City _____
State _____ Zip _____
Day Phone _____
Fax _____
email _____
(must be provided for confirmation/receipt)
Degree _____ Specialty _____
Sub-Specialty _____
Dietary Restrictions _____

Refund Policy

Full-Course Cancellations

An administrative charge of \$150 will be assessed for cancellations made in writing prior to December 1, 2008. Refunds will be possible after this date subject to a \$250 service charge.

Daily Cancellations

An administrative charge of \$75 will be assessed for daily cancellations made in writing prior to December 1, 2008. Refunds will be possible after this date subject to a \$100 service charge.

Methods of Payment

- Check in U.S. Dollars made payable to **NYU Department of Radiology**
- Credit Card Payment (see below)

Methods of Registration

- Mailing Form with Check or Credit Card Information
- Faxing Form with Credit Card Information

Do not Fax form if registering online.

Mail To

Michelle R. Koplik, NYU Langone Medical Center
Department of Radiology
560 1st Avenue, TCH - HW-231, New York, NY 10016-4998

Fax To: (212) 263-3959

In Case of Questions, Contact:

Michelle R. Koplik, Director of Education
Phone: (212) 263-3936 • email: michelle.koplik@nyumc.org
or **Marisa P. Bruno, Program Coordinator**
Phone: (212) 263-0724 • email: marisa.bruno@nyumc.org

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Confirmation of Course Acceptance:

A confirmation will be sent to you by email if your email address is provided. Faxed confirmations are no longer possible.

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.

Tuition Payment Options (Please Check)

	Full	Discounted
Entire 5½ Day Course	<input type="checkbox"/> \$1295	<input type="checkbox"/> \$950

—Stop here if you are registering for the entire course—

Start here if you are registering for individual days and check ALL days that you want to attend.

Monday, Dec. 15 (Daily Fee) (Abdominal Imaging & PET/CT)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$225
Tuesday, Dec. 16 (Daily Fee) (Musculoskeletal & Emergency Imaging)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$225
Tuesday, Dec. 16 Chelsea Art Tour (9:45-Noonish)	<input type="checkbox"/> \$35 per ticket	
Wednesday, Dec. 17 (Daily Fee) (Neuroradiology & Pediatric Radiology)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$225
Thursday, Dec. 18 (Daily Fee) (Thoracic & Cardiac Imaging)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$225
Thursday, Dec. 18 Chelsea Art Tour (9:45-Noonish)	<input type="checkbox"/> \$35 per ticket	
Friday, Dec. 19 (Daily Fee) (Women's & Breast Imaging)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$225
Saturday, Dec 20 (Daily Fee) (Interventional Radiology)	<input type="checkbox"/> \$325	<input type="checkbox"/> \$175
TOTAL DUE	\$ _____	\$ _____

Reduced Fees

(If you are registering on-line, you must fax a letter of authorization with the attendee's full name and date registered to (212) 263-3959). Please state reason for using reduced fee. If you are mailing a registration form and check, please enclose the authorization letter at the same time.

Reduced fees apply to physicians in training (with a letter from the Chief of Service), NYU School of Medicine alumni, former NYU Radiology residents, fellows or faculty, M.D.'s employed by the Dept of Veterans Affairs, full-time active military personnel, retirees, nurses, technologists and other non-M.D. healthcare professionals, Canadian and overseas physicians.

Reason for Reduced Fee: _____

For Alumni (dates of your NYU Radiology Training): _____

**FUTURE NYU
HEAD TO TOE
IMAGING DATES:**
December 14-19, 2009
(Hilton New York)
December 13-18, 2010
(Hilton New York)

27TH ANNUAL MORTON A. BOSNIAK

Head to Toe Imaging Conference

at the Hilton New York
December 15-20, 2008



For More Information, Contact:

Michelle R. Koplik

Director, Education & Corporate Relations
NYU Langone Medical Center • 560 1st Avenue (HW-231), New York, NY 10016
Phone: (212) 263-3936 • email: michelle.koplik@nyumc.org

Marisa P. Bruno

Program Coordinator, Education & Corporate Relations
NYU Langone Medical Center • 560 1st Avenue (HW-231), New York, NY 10016
Phone: (212) 263-0724 • email: marisa.bruno@nyumc.org

Visiting MRI Fellowships

Week-long Visiting MRI Fellowships are available to radiologists who desire to update their MRI interpretive skills, tailored to specific needs. These are available by arrangement for one or two weeks. For more information, please contact Marisa P. Bruno at 212-263-0724.

We hope you'll plan on joining us at one of these CME courses.

WWW.RADCME.MED.NYU.EDU

2008 REMAINDER	OCT. 31-NOV. 1	VIRTUAL COLONOSCOPY WORKSHOP	THE CARLTON HOTEL NEW YORK, NY
	DEC. 15-20	27TH ANNUAL HEAD TO TOE IMAGING CONFERENCE	HILTON HOTEL NEW YORK, NY
	JAN. 5-9	ESSENTIALS OF IMAGING IN COSTA RICA	FOUR SEASONS COSTA RICA
		NYU RADIOLOGY IN HUALALAI	FOUR SEASONS HUALALAI BIG ISLAND OF HAWAII
	MARCH 23-27 TENTATIVE	CLINICAL IMAGING ESSENTIALS	DEER VALLEY, UTAH
	APRIL 24-25	VIRTUAL COLONOSCOPY WORKSHOP	SOUTH BEACH, FLORIDA
	SPRING	6TH ANNUAL SPORTS MEDICINE IMAGING CONFERENCE	NEW YORK, NY
	JUNE 29-JULY 3	SUMMER RADIOLOGY PRACTICUM IN CHATHAM	CHATHAM BARS INN CHATHAM, MA
	AUGUST 3-7	NYU RADIOLOGY IN BANFF	FAIRMONT BANFF SPRINGS BANFF, CANADA
	FALL	MRI: CLINICAL STATE-OF-THE-ART	NEW YORK, NY
FALL	VIRTUAL COLONOSCOPY WORKSHOP	NEW YORK, NY	
OCT. 19-23	NYU IMAGING UPDATE	FOUR SEASONS SANTA BARBARA	
DEC. 14-19	28TH ANNUAL HEAD TO TOE IMAGING CONFERENCE	HILTON HOTEL NEW YORK, NY	
2010	JAN. 25-29	IMAGING SYMPOSIUM IN MAUI	FOUR SEASONS, MAUI
	MARCH TENTATIVE	NYU RADIOLOGY IN BUENOS AIRES	BUENOS AIRES, ARGENTINA
	OCTOBER TENTATIVE	NYU IMAGING UPDATE	FOUR SEASONS SCOTTSDALE
DEC. 13-18	29TH ANNUAL HEAD TO TOE IMAGING CONFERENCE	HILTON HOTEL NEW YORK, NY	
2011	JAN. 3-7	ESSENTIALS OF IMAGING IN NEVIS	FOUR SEASONS, NEVIS
	JULY TENTATIVE	NYU RADIOLOGY PRACTICUM IN ICELAND	REYKJAVIK, ICELAND

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