



The New England Roentgen Ray Society

President
Debra A. Gervais, MD
Massachusetts General Hospital
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Dear Colleague,

I am honored to serve as your president and present to you the 92nd annual scientific program of the New England Roentgen Ray Society (NERRS). The founders of the NERRS first met in 1914 and formally organized after World War I, making NERRS one of the oldest regional radiological societies in the United States. As we approach the 100-year mark, our goals remain unchanged. The NERRS continues to provide educational opportunities for radiologists throughout New England and to enhance professional relationships between our members.

I am indebted to our Education Committee co-chairs, Michael Beland, Michael Gee, and Raul Uppot, who have prepared six outstanding Friday programs on Chest Radiology, Musculoskeletal Radiology, Emergency Radiology, Pediatric Radiology, Neuroradiology, and Abdominal Radiology. New this year is a common theme of radiation dose education, which underlies the entire series of Friday programs. All speakers have been asked to include pertinent radiation dose information in their lectures. To underscore this theme our Holmes Lecture will be presented by Dr. James Brink, who will speak on the efforts of the Image Wisely campaign. For the Pediatric Radiology program, Dr. Donald Frush will deliver the *Edward Webster Lecture* on “Minimizing Radiation Utilization for Effective Pediatric Imaging.”

We will offer two Saturday refresher courses at the Massachusetts Medical Society headquarters this year: the biannual Breast Imaging course will be directed by Priscilla J. Slanetz, and our Body MRI refresher course will return this year to be directed by Ali Guermazi and Mukesh Harisinghani.

The society is indebted to the leadership of its executive committee and particularly to its recent past presidents: Stuart Silverman, Pamela Schaefer, and Phil Boiselle. I want to thank Secretary Edward Lee and President-Elect Bettina Siewert for their continued support. I welcome to the leadership circle Treasurer Alexander Guimaraes and Vice President Priscilla J. Slanetz, whose talents will enrich our society. I also welcome Peter Evangelista, our new IT co-chair. Under the stewardship of the executive committee, Peter will work on modernizing the NERRS website design and functionality. Finally, I want to recognize our Administrative Secretary Ginny DuLong for her consistent and outstanding service to our society.

Please join me for another year of education and camaraderie in the New England Roentgen Ray Society. I look forward to seeing you at our meetings and thank you for your participation and continued support of the New England Roentgen Ray Society.

Sincerely,

Debra Gervais, MD
President, New England Roentgen Ray Society

NOTE: THE 2011–2012 NERRS DUES BILL IS ON THE BACK PAGE OF THIS PROGRAM BOOK. PLEASE COMPLETE THE FORM AND RETURN IT WITH YOUR DUES PAYMENT. THANK YOU FOR SUPPORTING THE NERRS.



The New England Roentgen Ray Society

The New England Roentgen Ray Society
P.O. Box 9132
Waltham, MA 02454-9132
(781) 434-7313
www.NERRS.org

NERRS OFFICERS

Debra A. Gervais, MD

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Co-Chair, Education Committee

Raul N. Uppot, MD

Co-Chair, Education Committee

Peter T. Evangelista, MD

*Co-Chair, Information Technology,
Education Committee*

For questions regarding the course and scientific meetings
agenda, contact:

EDUCATION COMMITTEE

Edward Y. Lee, MD, MPH

Chair

(617) 355-7944

Michael Beland, MD

Co-Chair

(401) 444-5184

Michael S. Gee, MD, PhD

Co-Chair

(617) 724-4207

Raul N. Uppot, MD

Co-Chair

(617) 726-8396

Peter T. Evangelista, MD

Co-Chair, Information Technology

(401) 444-5184

EXECUTIVE COMMITTEE

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Massachusetts

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Executive Secretary

P.O. Box 9132

Waltham, MA 02454-9132

Tel: (781) 434-7313

Fax: (781) 893-2105

Email: vdulong@mms.org



The New England Roentgen Ray Society

COURSE AND SCIENTIFIC MEETINGS AGENDA

2011–2012

Monthly meetings are held at:

**Harvard Conference Center
77 Avenue Louis Pasteur, Boston, Massachusetts**

The Annual Refresher Courses (Saturday, March 3, 2012, and Saturday, March 31, 2012) are held at:

**Massachusetts Medical Society Headquarters
860 Winter Street, Waltham, Massachusetts**

In order to receive category 1 credit, attendance must be documented by personal signature on the date of the scientific meeting.

The New England Roentgen Ray Society designates this live activity for a cumulative maximum of 34 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The New England Roentgen Ray Society is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.

CHEST RADIOLOGY

FRIDAY, SEPTEMBER 16, 2011

Moderator: Raul N. Uppot, MD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

- 3:45 p.m. **The Postoperative Chest**
Speaker: Rachna Madan, MD
Instructor in Radiology, Harvard Medical School
Staff Radiologist, Brigham and Women's Hospital
- 4:10 p.m. **Dose Reduction in Chest and Cardiac CT**
Speaker: Mannudeep Kalra, MD
Assistant Professor of Radiology, Harvard Medical School
Assistant Radiologist, Massachusetts General Hospital
- 4:35 p.m. **Patterns of Interstitial Lung Disease**
Speaker: Kitt Shaffer, MD
Professor of Radiology, Boston University School of Medicine
Vice-Chair, Radiology Department, Boston Medical Center
- 5:00 p.m. Coffee Break
- 5:15 p.m. **Percutaneous Ablation of Lung Tumors**
Featured Speaker: Stephen Solomon, MD
Associate Professor of Radiology, Weill Cornell Medical College
Chief of Interventional Radiology, Memorial Sloan Kettering
- 6:00 p.m. **Panel of Unknown Cases**
Moderator: Amita Sharma, MD
Instructor in Radiology, Harvard Medical School
Assistant Radiologist, Massachusetts General Hospital
- Panelists: Rachna Madan, MD
Mannudeep Kalra, MD
Kitt Shaffer, MD
Stephen Solomon, MD

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Assess imaging of interstitial lung disease
- Illustrate the role of imaging and image-guided intervention in selected patients with lung tumors, including post-operative imaging and tumor ablation
- Depict radiation dose reduction strategies for chest and cardiac imaging

MUSCULOSKELETAL RADIOLOGY

FRIDAY, OCTOBER 21, 2011

Moderator: Michael S. Gee, MD, PhD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

Musculoskeletal Interventions

3:45 p.m. Speaker: Justin Kung, MD
Instructor in Radiology, Harvard Medical School
Associate Residency Director, Beth Israel Deaconess Medical Center

Meniscal Tears Beyond Lines and Triangles

4:10 p.m. Speaker: Diego Lemos, MD
Assistant Professor of Radiology, University of Vermont College of Medicine
Section Head, Musculoskeletal Imaging, Fletcher Allen Health Care

Sports Injuries

4:35 p.m. Speaker: William E. Palmer, MD
Assistant Professor of Radiology, Harvard Medical School
Director, Musculoskeletal Imaging, Massachusetts General Hospital

5:00 p.m. Coffee Break

Bone and Soft Tissue Tumor Ablation

5:15 p.m. Featured Speaker: Peter J. Littrup, MD
Professor of Radiology, Urology and Radiation Oncology, Wayne State University
Director, Image Guided Therapy Program, Karmanos Cancer Institute

Panel of Unknown Cases

6:00 p.m. Moderator: Susan Kattapuram, MD
Associate Professor of Radiology, Harvard Medical School
Associate Radiologist, Massachusetts General Hospital

Panelists: Justin Kung, MD
Diego Lemos, MD
William E. Palmer, MD
Peter J. Littrup, MD

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Become familiar with basic and advanced image-guided musculoskeletal interventions including biopsies, injections, and ablations
- Identify normal and abnormal imaging appearances of the menisci of the knee
- Understand the role of imaging in the diagnosis of sports injuries

EMERGENCY RADIOLOGY

FRIDAY, NOVEMBER 18, 2011

Moderator: Raul N. Uppot, MD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

- 3:45 p.m. **MRI of the Acute GI Tract Conditions**
Speaker: Karen S. Lee, MD
Instructor in Radiology, Harvard Medical School
Staff Radiologist, Director, Radiology Fellowship Training Program,
Beth Israel Deaconess Medical Center
- 4:10 p.m. **Cardiac Imaging in the ER**
Speaker: Udo Hoffman, MD, MPH
Associate Professor of Radiology, Harvard Medical School
Director, Cardiac MR, PET, CT Program, Massachusetts General Hospital
- 4:35 p.m. **Imaging of Penetrating Trauma**
Speaker: Thomas Egglin, MD
Associate Professor of Diagnostic Imaging, The Warren Alpert Medical School of
Brown University
Chief, Emergency/Trauma Radiology, Rhode Island Hospital
- 5:00 p.m. Coffee Break
- 5:15 p.m. **Solid Organ Embolization in the Management of Trauma**
Featured Speaker: Charles E. Ray Jr., MD, PhD
Vice Chair for Research, University of Colorado
Professor and Chief of Interventional Radiology, University of Colorado
- 6:00 p.m. **Panel of Unknown Cases**
Moderator: Laura Avery, MD
Instructor in Radiology, Harvard Medical School
Assistant Radiologist, Massachusetts General Hospital
- Panelists: Karen S. Lee, MD
Udo Hoffman, MD, MPH
Thomas Egglin, MD
Charles E. Ray Jr., MD, PhD

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Explain the role of imaging in the evaluation of patients presenting to the emergency department with acute cardiac and gastrointestinal conditions
- Depict the role of imaging in penetrating trauma and the role of image-guided intervention in solid organ traumatic injury
- Evaluate the use of CT dose reduction strategies and the use of MR to reduce radiation exposure to patients presenting to the emergency department for imaging

PEDIATRIC RADIOLOGY

FRIDAY, JANUARY 20, 2012

Moderator: Michael S. Gee, MD, PhD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

- 3:45 p.m. **Speaker:** **RLQ Pain Evaluation**
Thaddeus W. Herliczek, MD
Assistant Professor of Diagnostic Imaging,
The Warren Alpert Medical School of Brown University
Director, Pediatric Diagnostic Imaging, Hasbro Children's Hospital
- 4:10 p.m. **Speaker:** **Genitourinary Imaging**
Ruth Lim, MD
Instructor in Radiology, Harvard Medical School
Assistant Radiologist, Massachusetts General Hospital
- 4:35 p.m. **Speaker:** **Imaging of Osteomyelitis in Neonates and Children**
Susan A. Connolly, MD
Assistant Professor of Radiology, Harvard Medical School
Radiologist, Children's Hospital, Boston
- 5:00 p.m. Coffee Break
- Massachusetts General Hospital Edward W. Webster Lecture**
- 5:15 p.m. **Featured Speaker:** **Minimizing Radiation Utilization for Effective Pediatric Imaging**
Donald P. Frush, MD
Professor of Radiology and Pediatrics, Duke University
Chief, Division of Pediatric Radiology, Duke University Medical Center
- 6:00 p.m. **Moderator:** **Panel of Unknown Cases**
Donald Tracy, MD
Assistant Professor of Radiology, Tufts Medical School
Chief of Pediatric Radiology, Tufts Medical Center/Floating Hospital for Children
- Panelists:** Thaddeus W. Herliczek, MD
Ruth Lim, MD
Susan A. Connolly, MD
Donald P. Frush, MD

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Define radiation dose reduction strategies for imaging evaluation of right lower quadrant pain in children
- Delineate advantages and disadvantages of different imaging modalities for evaluation of the genitourinary system in children
- Identify imaging features of pediatric osteomyelitis strategies for evaluation of complex patients

NEURORADIOLOGY

FRIDAY, FEBRUARY 10, 2012

Moderator: Michael Beland, MD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

- 3:45 p.m. **Imaging Head and Neck Emergencies**
Speaker: Rohini Nadgir, MD
Assistant Professor of Radiology, Boston University School of Medicine
Attending Radiologist, Boston Medical Center
- 4:10 p.m. **MR Diffusion Tensor Imaging: Where We Were, Where We Are, Where We May Be**
Speaker: Christopher G. Filippi, MD
Professor of Radiology, University of Vermont School of Medicine
Director of MRI, Fletcher Allen Health Care
- 4:35 p.m. **Imaging the Complex Pediatric Neurovascular Patient**
Speaker: Richard Robertson, MD
Associate Professor of Radiology, Harvard Medical School
Radiologist-in-Chief, Children's Hospital Boston
- 5:00 p.m. Coffee Break
- 5:15 p.m. **Advanced CT Imaging of Acute Stroke: A New Paradigm**
Featured Speaker: Michael H. Lev, MD
Associate Professor of Radiology, Harvard Medical School
Director, Emergency Neuroradiology and Neurovascular Lab,
Massachusetts General Hospital
- 6:00 p.m. **Panel of Unknown Cases**
Moderator: Gul Moonis, MD
Assistant Professor of Radiology, Harvard Medical School
Neuroradiologist, Beth Israel Deaconess Medical Center
- Panelists: Rohini Nadgir, MD
Christopher G. Filippi, MD
Richard Robertson, MD
Michael H. Lev, MD

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Identify imaging features of acute stroke and head and neck emergencies
- Define imaging parameters and clinical applications of diffusion tensor imaging
- Determine optimum imaging strategies for evaluation of complex patients

NERRS ANNUAL REFRESHER COURSE

Massachusetts Medical Society Headquarters, 860 Winter Street, Waltham, Massachusetts

BREAST IMAGING COURSE

SATURDAY, MARCH 3, 2012

Course Director: Priscilla J. Slanetz, MD, MPH, FACR

PROGRAM DESCRIPTION:

This course will review and update practicing radiologists and radiologists-in-training with regard to the management of a variety of common problems encountered in breast imaging. Such a review promotes optimal patient care by emphasizing how the multimodality approach to imaging impacts on management decisions. In addition, attendees will devote an afternoon to the current and emerging roles of MR imaging in breast disease. Finally, with delay in diagnosis of breast cancer being the leading cause of malpractice across the country, a focused session reviewing the pitfalls in mammographic interpretation will provide attendees with strategies to minimize risk and maximize the level of care provided to patients.

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Review expected and unexpected imaging findings in women treated conservatively for breast cancer
- Better understand how to manage a variety of less common entities including ductal abnormalities, axillary findings, and imaging of pregnant patients
- Increase awareness about ongoing controversies in mammographic screening
- Present strategies to minimize risk in the practice of breast imaging, with a focus on commonly overlooked and/or misinterpreted imaging findings
- Describe the role of MRI and MR-guided biopsy in high-risk screening, breast cancer staging, and problem solving
- Discuss advances in breast MR imaging on the horizon

CME CREDIT/ACCREDITATION:

The NERRS designates this live activity for a maximum of 8 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

One (1) credit meets the criteria of the Massachusetts Board of Registration in Medicine for risk management study.

The NERRS is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.

SPEAKERS:

ROBYN L. BIRDWELL, MD, FACR, Associate Professor of Radiology, Harvard Medical School; Section Head, Division of Breast Imaging, Brigham and Women's Hospital, Dana Farber Cancer Center

VANDANA DIALANI, MD, Instructor in Radiology, Harvard Medical School; Associate Director of Breast MRI, Staff Radiologist, Beth Israel Deaconess Medical Center

DIANE FERRIS JAMES, MD, PHD, Jefferson Radiology; Staff Radiologist, Hartford Hospital

PHOEBE FREER, MD, Instructor in Radiology, Harvard Medical School; Director of Education and Program Development, Breast Imaging Division; Assistant Radiologist, Massachusetts General Hospital

REGINA HOOLEY, MD, Assistant Professor of Radiology, Yale University School of Medicine; Radiologist, Smilow Cancer Hospital at Yale-New Haven Hospital

CATHLEEN KIM, MD, Assistant Professor of Radiology, Tufts University School of Medicine; Director of Breast Imaging, Lahey Clinic

FELICIA KNAUL, MD, Associate Professor of Radiology, Harvard Medical School; Director, Harvard Global Equity Initiative

DANIEL B. KOPANS, MD, Professor of Radiology, Harvard Medical School; Director of Breast Imaging, Massachusetts General Hospital

KENNY C. LAI, MD, MBA, Instructor in Radiology, Harvard Medical School; Radiologist, Beth Israel Deaconess Medical Center

MARTHA B. MAINIERO, MD, FACR, Associate Professor of Diagnostic Imaging, The Warren Alpert Medical School of Brown University; Director, Anne C. Pappas Center for Breast Imaging, Rhode Island Hospital

A. ALAN SEMINE, MD, FACR, Clinical Professor of Radiology, Tufts University School of Medicine; Chief of Breast Imaging, Newton-Wellesley Hospital

PRISCILLA J. SLANETZ, MD, MPH, FACR, Associate Professor of Radiology, Harvard Medical School; Director of Breast MRI; Program Director, Radiology Residency, Beth Israel Deaconess Medical Center

7:30 a.m.	REGISTRATION AND COFFEE	
7:55 a.m.	Welcome and Introduction	Priscilla J. Slanetz, MD, MPH, FACR
BREAST IMAGING BASICS		
8:00 a.m.	Expected and Unexpected Imaging Findings in the Post-conservation Breast	Kenny C. Lai, MD, MBA
8:30 a.m.	Evaluation of the Axilla	Vandana Dialani, MD
9:00 a.m.	Mammographic, Sonographic, and MR Approaches to Ductal Abnormalities	Diane Ferris James, MD, PhD
9:30 a.m.	Breast Imaging of the Pregnant and Lactating Patient	Regina Hooley, MD
10:00 a.m.	BREAK	
10:30 a.m.	What You Need to Know about Screening but Wish You Didn't! Not Just Breast Cancer	Daniel B. Kopans, MD
11:00 a.m.	Minimizing Risk — Avoiding Pitfalls in Breast Imaging Interpretation	Priscilla J. Slanetz, MD, MPH, FACR
12:00 p.m.	LUNCH — Breast Cancer: An Unforeseen Public Health Priority in Low and Middle Income Countries	Felicia Knaul, MD
BREAST MRI		
1:45 p.m.	Screening Breast MRI, High Cost for High Risk	A. Alan Semine, MD, FACR
2:15 p.m.	MR for Breast Cancer	Cathleen Kim, MD
2:45 p.m.	Problem-Solving MR and MR Biopsy	Phoebe Freer, MD
3:15 p.m.	BREAK	
3:45 p.m.	Advances in Breast MR — DWI, Spectroscopy, and More	Robyn L. Birdwell, MD, FACR
4:15 p.m.	Challenging Cases in MR Imaging with Audience Response	Martha B. Mainiero, MD, FACR
5:00 p.m.	Current Topics in Breast MR: Panel Discussion	Priscilla J. Slanetz, MD, MPH, FACR

BREAST IMAGING COURSE REGISTRATION FORM — **SATURDAY, MARCH 3, 2012**

Name: _____ Address: _____

Telephone: _____ Email Address: _____

Active, Senior, or Honorary (\$175.00) Junior (Resident or Fellow) (\$100.00) Technologist (\$125.00) Nonmember (\$260.00)

Registration fee (includes lunch and refreshments) must be submitted with registration form.

Please make checks payable to the NERRS and mail with the registration form to the following address:

New England Roentgen Ray Society, P.O. Box 9132, Waltham, MA 02454-9132

Attention: Ginny DuLong

(781) 434-7313, fax (781) 893-2105, or email: vdulong@mms.org

NERRS ANNUAL REFRESHER COURSE

Massachusetts Medical Society Headquarters, 860 Winter Street, Waltham, Massachusetts

BODY MRI COURSE SATURDAY, MARCH 31, 2012

Course Directors: Ali Guermazi, MD, and Mukesh Harisinghani, MD

PROGRAM DESCRIPTION:

The role of MRI is constantly evolving in daily clinical practice. The rapid pace of technological advances calls for a need of organ-based educational programs for radiologists in order to provide up-to-date information about MR imaging technologies and enhance knowledge of organ-system entities.

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Recognize MRI imaging features of common disorders that are covered in our curriculum
- Be familiar with new MRI imaging concepts and techniques
- Update the current role of MR imaging in clinical practice
- Define how to better utilize MR imaging resources

CME CREDIT/ACCREDITATION:

The NERRS designates this live activity for a maximum of 8 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The NERRS is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.

SPEAKERS:

SUHN Y. ABBARA, MD, Associate Professor of Radiology, Harvard Medical School; Director, Cardiovascular Imaging Section, Massachusetts General Hospital

STEPHAN ANDERSON, MD, Assistant Professor of Radiology, Boston University School of Medicine; Staff Radiologist, Boston Medical Center

MICHAEL BLAKE, MD, Assistant Professor of Radiology, Harvard Medical School; Staff Radiologist, Massachusetts General Hospital

PETER T. EVANGELISTA, MD, Assistant Professor of Diagnostic Imaging, The Warren Alpert Medical School of Brown University; Director of Musculoskeletal Radiology, Rhode Island Hospital

FIONA FENNESSY, MD, Assistant Professor of Radiology, Harvard Medical School; Staff Radiologist, Brigham and Women's Hospital

MICHAEL S. GEE, MD, PHD, Instructor in Radiology, Harvard Medical School; Assistant Radiologist, Massachusetts General Hospital

BRIAN GHOSHHAJRA, MD, MBA, Instructor in Radiology, Harvard Medical School; Director, Cardiac MRI, Massachusetts General Hospital

ALI GUERMAZI, MD, Professor of Radiology, Boston University School of Medicine; Attending Radiologist, Boston Medical Center

AVNEESH GUPTA, MD, Clinical Associate Professor of Radiology, Boston University School of Medicine; Staff Radiologist, Boston Medical Center

MUKESH HARISINGHANI, MD, Associate Professor of Radiology, Harvard Medical School; Associate Radiologist, Massachusetts General Hospital

LAUREN SENA, MD, Assistant Professor of Radiology, Harvard Medical School; Staff Radiologist, Director of Cardiac Imaging, Children's Hospital Boston

STUART G. SILVERMAN, MD, FACR, Professor of Radiology, Harvard Medical School; Director, Abdominal Imaging and Intervention, Brigham and Women's Hospital

STACY E. SMITH, MD, Assistant Professor of Radiology, Harvard Medical School; Director and Distinguished Weissman Chair, Division of Musculoskeletal Imaging and Intervention, Brigham and Women's Hospital

JAROSLAW N. TKACZ, MD, Associate Professor of Radiology, Boston University School of Medicine; Staff Radiologist, Boston Medical Center

JESSE L. WEI, MD, Instructor in Radiology, Harvard Medical School; Staff Radiologist, MRI and Abdominal Imaging, Beth Israel Deaconess Medical Center

7:30 a.m.	REGISTRATION AND COFFEE	
7:55 a.m.	Welcome and Introduction	Ali Guermazi, MD Mukesh Harisinghani, MD
8:00 a.m.	MRI Focal Liver Lesions	Jesse L. Wei, MD
8:30 a.m.	MRI Diffuse Liver Disease	Stephan Anderson, MD
9:00 a.m.	MRI Pancreas and Biliary System	Avneesh Gupta, MD
9:30 a.m.	MRI Bowel	Jaroslav N. Tkacz, MD
10:00 a.m.	BREAK	
10:15 a.m.	MRI Anorectum	Michael S. Gee, MD, PhD
10:45 a.m.	MRI Kidneys	Stuart G. Silverman, MD, FACR
11:15 a.m.	MRI Adrenals	Michael Blake, MD
12:00 p.m.	LUNCH	
1:00 p.m.	MRI Uterus and Adnexa	Fiona Fennesy, MD
1:30 p.m.	MRI Prostate	Mukesh Harisinghani, MD
2:00 p.m.	MRI Congenital Cardiac Disease	Laureen Sena, MD
2:30 p.m.	BREAK	
2:45 p.m.	Cardiac and Mediastinal MRI	Suhny Abbara, MD
3:15 p.m.	Thoracic and Pulmonary Vasculature	Brian Ghoshhajra, MD, MBA
4:00 p.m.	MRI of Articular Cartilage	Ali Guermazi, MD
4:30 p.m.	MRI Pelvis	Peter T. Evangelista, MD
5:00 p.m.	MRI Knee	Stacy Smith, MD

BODY MRI COURSE REGISTRATION FORM — SATURDAY, MARCH 31, 2012

Name: _____ Address: _____

Telephone: _____ Email Address: _____

Active, Senior, or Honorary (\$175.00) Junior (Resident or Fellow) (\$100.00) Technologist (\$125.00) Nonmember (\$260.00)

Registration fee (includes lunch and refreshments) must be submitted with registration form.

Please make checks payable to the NERRS and mail with the registration form to the following address:

New England Roentgen Ray Society, P.O. Box 9132, Waltham, MA 02454-9132

Attention: Ginny DuLong

(781) 434-7313, fax (781) 893-2105, or email: vdulong@mms.org

ANNUAL HOLMES LECTURE

ABDOMINAL RADIOLOGY

FRIDAY, APRIL 13, 2012

Moderator: Michael Beland, MD

This program qualifies for 3 *AMA PRA Category 1 Credits*[™].

AFTERNOON LECTURES:

- Ovarian Neoplasms**
- 3:45 p.m. Speaker: Daniel Kowal, MD
Director of Genitourinary Imaging
Director of CT, St. Vincent Hospital
- Adrenal Incidentaloma**
- 4:10 p.m. Speaker: Julie Song, MD
Associate Professor of Diagnostic Imaging, The Warren Alpert Medical School of Brown University
Staff Radiologist, Rhode Island Hospital
- Dual-Energy CT**
- 4:35 p.m. Speaker: Dushyant Sahani, MD
Associate Professor of Radiology, Harvard Medical School
Director of CT, Massachusetts General Hospital
- 5:00 p.m. Annual NERRS Business Meeting/Coffee Break
Presentation of the 2011–2012 Long-Term Service Award
- Annual Holmes Lecture**
- Minimizing Radiation Dose for Effective Medical Imaging:
Efforts of the Image Wisely Campaign**
- 5:15 p.m. Featured Speaker: James A. Brink, MD, FACR
Professor of Radiology and Chair, Yale University School of Medicine
Chief, Diagnostic Radiology, Yale-New Haven Hospital
- Panel of Unknown Cases**
- 6:00 p.m. Moderator: Jonathan Kruskal, MD
Professor of Radiology, Harvard Medical School
Chairman, Department of Radiology, Beth Israel Deaconess Medical Center
- Panelists: Daniel Kowal, MD
Julie Song, MD
Dushyant Sahani, MD
James A. Brink, MD, FACR

PROGRAM OBJECTIVES:

As a result of participating in this program, attendees will be able to:

- Identify opportunities to decrease radiation dose through modifying CT protocols, using new CT imaging techniques, and consideration of non-ionizing alternatives
- Review the imaging appearances of the spectrum of ovarian neoplasms
- Determine the significance of the adrenal incidentaloma and when further evaluation is warranted



The New England Roentgen Ray Society

APPLICATION FOR ACTIVE MEMBERSHIP

Please print or type.

1. Name: _____ Born in 19 _____
2. Home Address: _____
_____ Telephone: _____
3. Business Address: _____
_____ Telephone: _____
4. For directory listing and Society mailings, use home business address.
5. College: _____ Year Graduated: _____
6. Medical School: _____ Year Graduated: _____
7. Other Postgraduate School: _____
Degree: _____ Year Granted: _____
8. Residency in Radiology at: _____ Year Completed: _____
9. Fellowship in _____ Radiology
at _____ Year Completed: _____
10. Licensed to practice medicine in the following states: _____

11. Member of following professional societies: _____

12. Diplomate of American Board of Radiology: YES NO
If no, are you eligible? YES NO
If yes, year certified: _____
13. List your hospital staff appointments: _____

Do not write in this space.

1. App. Received _____ 2. Circulated _____ 3. Approved _____

14. List your medical school teaching appointments: _____

15. Do you practice radiology exclusively? YES NO

16. What is your field of practice? Diagnostic Radiology Radiotherapy Nuclear Medicine
 Radiobiology Radiation Physics Other (indicate field) _____

17. What is your practice association? University Hospital Community Hospital Private Office
 Hospital and Private Office Government Facility Other _____

If "Other" describe briefly: _____

I hereby apply for ACTIVE membership in the New England Roentgen Ray Society, Inc. If elected, I will abide by its constitution, bylaws, and code of ethics.

.....
Signature

Date

Sponsor: Each applicant must be sponsored by an active member of the Society. *The sponsor must sign this application personally.*

.....
Name

Signature

State

INFORMATION CONCERNING APPLICATION FOR MEMBERSHIP:

1. Applicants are urged to read the Society's bylaws and code of ethics, especially those sections pertaining to requirements for membership and principles for the ethical practice of radiology. If you have not already received a copy, the secretary will mail one to you on request.
2. Active Membership: A candidate for active membership must be a physician or a scientist, active in radiology or an allied field. Physicians must be diplomates of the American Board of Radiology or eligible to be examined by the American Board of Radiology. The Executive Committee of this Society may grant active membership to physicians with other qualifications if these are considered appropriate. Candidates for active membership who are not physicians must hold board equivalent qualifications considered acceptable to the Executive Committee of the Society.
3. The Executive Committee will review all applications; it has the power to reject or to hold for further consideration such applications for membership that, in its opinion, do not fully comply with requirements for membership.
4. Please send the completed application with a check in the appropriate amount for membership status to the chapter administrator of the New England Roentgen Ray Society, Inc.:

Ginny DuLong
New England Roentgen Ray Society
P.O. Box 9132
Waltham, MA 02454-9132
Tel: (781) 434-7313
Fax: (781) 893-2105
Email: vdulong@mms.org

NERRS MEMBERS' SURVEY REGARDING 2010–2011 PROGRAMS

The Executive Committee of the New England Roentgen Ray Society (NERRS) is committed to providing our members with timely, valuable continuing medical education at a good value. Through this survey, we seek your input regarding (1) general operations of the society, (2) scheduling and content of the educational programs, and (3) special events (Annual Refresher Course).

1. How many of the Friday Scientific Meetings did you attend in 2010–2011 in addition to the Saturday Ultrasound and Body MRI Courses? (Check appropriate boxes.)								
0	1	2	3	4	5	6	Ultrasound Course	MRI Course

2. Concerning the nature and content of the Scientific Meetings, please respond by checking the appropriate box.					
With respect to the 2010–2011 meetings:	Opinion 1 = strongly agree 5 = strongly disagree				
	1	2	3	4	5
Educational objectives were clearly stated.					
Program content is relevant to my daily work.					
Information was audience appropriate and relevant to my practice.					
After attending the courses, changes were made in my practice.*					
After attending the courses, quality improvement areas were identified and implemented to improve patient care.*					
Meeting format is good (three 25-minute lectures, featured lecture, then panel of unknown cases).					
Meetings were free of commercial bias/conflicts were disclosed appropriately.					
I prefer more Saturday programs and fewer Friday programs.					
*Please provide a specific example(s):					

3a. As you may know, the NERRS meetings have been held in three different locations in the past several years.					
Please rate the following locations on a scale of 1 to 5:	Opinion 1 = outstanding 3 = neutral 5 = poor				
	1	2	3	4	5
Harvard Conference Center, Longwood Medical Area, Boston					
Longwood Inn, Longwood Medical Area, Boston					
Radisson Hotel, Cambridge					
3b. Please provide comments about your preference for one or more of these locations:					

4a. With respect to receipt of **communications** (programs of the scientific meetings, surveys, announcements) *from the NERRS*, what is your preference?

With respect to receipt of communications from the NERRS:	Opinion				
	1 = strongly agree 5 = strongly disagree				
	1	2	3	4	5
I would prefer electronic mail <i>only</i> .					
I would prefer regular mail <i>only</i> .					
I would prefer <i>both</i> email and regular mail.					

4b. Please provide your email address:

5a. Have you ever visited the NERRS website? YES NO
Please comment on the information you would like to see on the NERRS website.

I would like to see the following information on the NERRS website (www.nerrs.org):	Opinion				
	1 = strongly agree 5 = strongly disagree				
	1	2	3	4	5
List of all senior and active members					
Program of the Scientific Meetings					
Unknown cases from the Friday meetings					
Common links to resource materials					
Membership application					
Results of most recent survey of the membership					
Registration form for Annual Refresher Course(s)					

5b. Please list any other topics you would like to see on our website:

6. I would like to see the following topics included in the 2012–2013 educational program. (Please be as specific as possible — suggest name of lecturer if possible.)

7. Please use this space to provide the Executive Committee with feedback — comments, criticisms, recommendations, etc. — regarding the Scientific Meetings or Saturday refresher course(s).

8. I am currently: Resident or fellow Staff

9. Please mark the following statements true or false.	True	False
With respect to the Friday sessions, CME credit is important.		
If CME credit was not offered, I would be unlikely to attend the Friday sessions.		
With respect to the Saturday Course(s), CME credit is important.		
If CME credit was not offered, I would be unlikely to attend the Saturday Course(s).		

Thank you for completing this survey. Please return this survey by fax at (781) 893-2105 or mail to Ginny DuLong, New England Roentgen Ray Society, P.O. Box 9132, Waltham, MA 02454.

2011–2012 NERRS DUES STATEMENT

Please remit the amount due on your membership status by October 7, 2011.

Alexander R. Guimaraes, MD, PhD, Treasurer

Please make your check payable to:

New England Roentgen Ray Society, P.O. Box 9132, Waltham, MA 02454-9132

Attention: Ginny DuLong

(781) 434-7313 • (781) 893-2105 (Fax) • vdulong@mms.org

- Active (\$85.00):** A candidate for active membership must be a physician or scientist active in radiology or an allied field. Physicians must be diplomates of the American Board of Radiology (ABR) or be eligible to be examined by the ABR.
- Active Outside of New England (\$25.00)**
- Senior (No Dues):** A candidate for senior membership shall be an active or associate member who is 65 years or older, or who has retired from active practice.
- Honorary (No Dues):** Honorary membership may be bestowed by the society on an individual who is considered to have made a distinguished contribution in the field of radiology or in an allied field.

ADDRESS UPDATE

- My address is correct.
- Please change my address to: _____
- My email address is: _____

NERRS
P.O. Box 9132
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First-Class Mail
U.S. Postage
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Permit No. 59673