Course Description/ Statement of Need
MR Imaging is continually advancing in terms of hardware and software development. The latest imaging techniques and developments must be applied in the current clinical practice of the radiologist and the attendees must make these changes in order to maintain certification. The Radiology observership program incorporates our current practice which is ever changing and based upon the latest imaging techniques in the subspecialty fields of Neuroradiology, Musculoskeletal MR, Body MR, Breast MR and Cardiac MRI. NYU will also include the option to observe PET-CT Imaging if there is interest. Practicing radiologists, having completed their formal training, may attend a "mini-fellowship" to learn new skills, or refine existing skills. The Radiology Visiting Fellowship program is designed for radiologists to update their MRI interpretive skills in a practical, clinically oriented format, in addition to introducing some of the promising new developments in the field.

Participants will:
- Observe the daily scanning activities of the busy academic practice. Participants will see how NYU screens and schedules patients, positions them on the machines and retrieves the images in order to obtain the highest quality images.
- Become acquainted with NYU’s scanning protocols (provided on site) in order to optimize all MRI sequences and apply them to clinical practice.
- Participate in the daily clinical MR review sessions and discuss various imaging strategies and techniques.
- Participate in weekly conferences (both clinical and radiologic), where the fellows will become acquainted with NYU’s approach to clinical problem-solving on the 1.5T and 3T magnets.

Learning Objectives
After participating in this activity, clinicians should be able to:
- create strategies and techniques based on respiratory gating to ensure breathing, and other patient movement, do not cause image distortions and that, if sedation is used, there are no risks for excessive sedation.
- describe the latest parameters of imaging protocols and how they can be applied in the diagnosis, treatment, and management of liver, brain and head & neck, kidney, breast and prostate cancers.
- describe the techniques for imaging, interpretation and post-processing of images using the most up-to-date magnets, as well as the safety requirements for magnet-specific imaging.
- describe current MR imaging techniques such as spectroscopy, perfusion and diffusion, MRI-guided breast biopsies using magnet specific imaging, and dynamic TMJ imaging for the interpretation of head and neck scans.

Target Audience
The Radiology Visiting Fellowship is designed for radiologists who order, perform and interpret MRI studies.

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 35 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 accreditation requirements 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.

Registration Information/
Fees
$2000
35 CME credits
$1750
without credits
*Reduced fee schedule negotiable for more than one week
Refund Policy
An administrative charge of $100 will be assessed for cancellations made in writing one month in advance. Refunds after this date will be subject to a $500 fee.

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.

NYU FACULTY

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Cardiac:
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Derek Mason, M.D. – Assistant Professor of Radiology

Musculoskeletal:
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Renata La Rocca Vieira, M.D. – Assistant Professor of Radiology
Zehava Sadka Rosenberg, M.D. – Professor of Radiology & Orthopaedic Surgery
Leon D. Rybak, M.D. – Assistant Professor of Radiology

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Roy Raad, M.D. – Assistant Professor of Radiology
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