



**Cleveland Clinic**

School of Diagnostic Imaging

18901 Lake Shore Boulevard  
Euclid, Ohio 44119

**MRI Review**

**May 30, 2009**

**Euclid Hospital**

*Space is limited,*

*Register Today!*

# Register Now

## MRI Review

Send checks payable to the School of Diagnostic Imaging, in the amount of \$90 for Cleveland Clinic employees or \$100 for non-Cleveland Clinic employees. Registration and payment must be received by May 15, 2009. For credit card payments, please call Jackie at 216-692-7523. Full refund given with cancellation notice prior to May 15. For late registration, please add \$30 to the cost of course. Late and on site registration is limited, please register in advance!

### Which modalities are you currently registered in?

- |   |   |
|---|---|
| <input type="checkbox"/> Radiography      | <input type="checkbox"/> Radiation Therapy          |
| <input type="checkbox"/> Nuclear Medicine | <input type="checkbox"/> Magnetic Resonance Imaging |
| <input type="checkbox"/> Ultrasound       | <input type="checkbox"/> Other _____                |

### How did you hear about this course?

- |   |   |
|---|---|
| <input type="checkbox"/> Brochure sent to my home | <input type="checkbox"/> Paper advertisement    |
| <input type="checkbox"/> Brochure sent to my work | <input type="checkbox"/> Current/Former student |
| <input type="checkbox"/> Co-worker                | <input type="checkbox"/> Other _____            |

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

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Phone

\_\_\_\_\_  
Email address

\_\_\_\_\_  
Place of Employment

\_\_\_\_\_  
Department

### Send registration and payment to:

**School of Diagnostic Imaging  
CT/MRI  
Euclid Hospital  
18901 Lake Shore Blvd.  
Euclid, Ohio 44119  
Phone: 216-692-7523  
Fax: 216-692-7663**

### Other classes available through School of Diagnostic Imaging:

- Introduction to CT/MRI
  - Cross Sectional Anatomy and Pathology
  - MRI Physics
  - CT Physics
- Call 216-692-7523 for more information or [www.cchseast.org/schools](http://www.cchseast.org/schools)

# MRI Review

*Dedicate a day to review MRI principles and procedures. Whether you are preparing for the national registry exam or need to brush up on the basics, this course is for you!*

**Schedule: Saturday, May 30, 2009**

**7:30-8:00** Registration and Refreshments

**8:00-8:50** MRI Equipment, Patient Care and Safety

**8:50-9:40** Fundamental of MRI

**9:40-9:55** Break

**9:55-10:45** Imaging Parameters

**10:45-11:35** Pulse Sequences

**11:35-12:30** Lunch Provided

**12:30-1:20** Artifacts, Motion and Flow

**1:20-2:10** Advanced Imaging Procedures

**2:10-2:25** Break

**2:25-3:45** Cross Sectional Anatomy Review

**3:45-4:00** Question and Answer Session

## Directions:



Euclid Hospital Health Center  
(building in front of hospital)  
18901 Lake Shore Boulevard  
Euclid, Ohio 44119

The review is being held at the Euclid Hospital Health Center. Ample parking is available at no additional cost.

## Educational Objectives:

Upon completion of the MRI Review course, the participant will:

- Understand the importance of patient screening and the corresponding impact on patient safety
- Recognize the various components of the MRI scanner and the function of each part
- Define the different contrast agents used in MRI and when each one is indicated
- Describe how the MR image is obtained, reconstructed and displayed
- Define image quality and the impacting parameters
- Identify various pulse sequences and their clinical usefulness
- Understand the importance of various post-processing techniques
- Distinguish image artifacts and how to compensate for them
- Review special procedures and advanced imaging applications
- Identify fundamental cross sectional anatomy

## Requirements:

Participants are expected to have experience in MRI principles and procedures.

## Instructors:

**Jacqueline M. Turk B.S.,R.T.(R)  
(MR)(CT)**

CT/MRI Coordinator,  
School of Diagnostic Imaging

**Christine Gialousis B.S.,R.T.(R)(M)(MR)(CT)**  
CT/MRI Instructor, School of Diagnostic Imaging



- This seminar is pending approval from the American Society of Radiologic Technologists (ASRT) for Category A CE credits.