

Objectives

To identify the major hardware components.

To understand the basic concepts of magnetism and MR principles as it relates to MR imaging

To understand how tissue relaxation characteristics can be utilized to alter the MR images

To understand the basic difference between spin echo, GE and inversion recovery sequences and how they are utilized in acquiring images with various contrast differences

To understand the general concepts relating to MR data acquisition, k-space and how acquisition time is determined

To understand how the various imaging parameters affect MR image quality with regards to spatial resolution, contrast resolution and SNR.

To learn about paramagnetic contrast agents approved for use in patient care

A better understanding of patient care and how it relates to MR safety

Meeting Organizers

Melonee Elrod, RT(R)(M)(CT)(MR)

Cindy Hipps, BHS, RT(R)(MR)

Carol Lee, BS, RT(R)(CT)(MR)

Wendy Porter, RT(R)(MR)

Special thanks to:

*Michael J. Schlenk, M.S., R.T.(R)(MR) and
Lexington Medical Center*

Hotel Accommodations-\$92.00 per night. Use the code **SMR** when registering to receive this special rate. Register on line at:

www.holidayinn.com/westcolumbia or call

Holiday Inn Hotel & Suites West Columbia Airport

110 MCSWAIN DRIVE

WEST COLUMBIA , SC 29169

803-391-4000

South Carolina SMRT

2011 Chapter Meeting

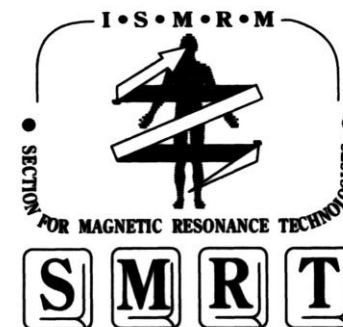
“A Registry Review”

March 11, 2011 8am-5pm

Lexington Medical Center

2720 Sunset Blvd.

West Columbia, SC 29169



**8 Category A ECE Credits
Approved through SMRT**

**Phone: (864) 442-7472 for
more information**

Directions

<http://www.lexmed.com/visitors/maps-directions/>

Lexington Medical Center is located off US-378 which is exit 110 off I-26. Follow the link above for more specific directions.

The meeting room is located in Classroom 2, Lower Level North Tower of the Medical Center.

Lexington Medical Center
2720 Sunset Blvd.
West Columbia, SC 29169
www.lexmed.com

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Special thanks to: Michael J. Schlenk, M.S., R.T.(R)(MR) and Lexington Medical Center for the meeting space.

A continental breakfast and box lunch will be provided for attendees.

Thanks to Bracco Diagnostics for helping to sponsor Candi!



SC SMRT Chapter Meeting Agenda

8:00-8:30 AM	Continental Breakfast
8:30-9:20 AM	<i>MR Review: Content Specifications & Clinical Requirements</i>
9:20-10:10 AM	<i>Review MR System Components (Instrumentation)</i>
10:10- 10:30 AM	Break
10:30-11:20 AM	<i>Review MR Principles</i>
11:20-12:10 PM	<i>MR Pulse Sequences</i>
12:10-1:10 PM	Box Lunch-Provided
1:10-2:00 PM	<i>K-space & Image Formation</i>
2:00-2:50 PM	<i>Patient Care in MR</i>
2:50-3:10 PM	Break
3:10-4:00 PM	<i>MR Contrast Agents</i>
4:00-4:50 PM	<i>Parameters, Options & Artifacts for MR Imaging</i>

This one day course is designed to provide a basic overview of MR principles for those preparing to take the MR Registry in the near future. MR Students will also benefit by hearing one of the leading MR experts explain MR physics in a simply, fun and understandable way!! Candi Roth comes highly recommended by her peers from across the globe. Candi is the CEO of Imaging Education Associates, a company that provides Technologist education. She is one of the industry's most acclaimed, published and highly sought after MR professionals for her vast knowledge and expertise in the field of MR.

In addition to this one day registry, the SMRT will host a Regional meeting on March 12, 2011 at Lexington Medical Center in the Auditorium.

For more info go to:

<http://www.ismrm.org/smrt/chapters>

Registration Information

Early registration is recommended.

Name _____

Institution _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Note: Confirmation will be sent via email only

Registration Fee:	Early	On-site
	<i>(February 25, 2011)</i>	
	\$100	\$110

Note: Space is limited. First come, first serve. Deadline for early fee is February 25, 2011.

We cannot take credit cards for this chapter meeting. Checks only, please.

All registration fees should be made payable to SC-SMRT and sent to the following:

**SCSMRT
c/o Cindy Hipps
104 Homestead Dr.
Piedmont, SC 29673
Phone: (864) 442-7472
Fax: (864) 442-7473
E-mail address chhipps@charter.net**

