Facility and Hotel Information

Special Hotel Rate has been secured at:
(includes breakfast)

Wingate by Wyndham
Greenville Airport
33 Beacon Drive, I-85 at Exit 54,
Greenville, SC 29615

Phone: (864) 281-1281

Use SC SMRT to receive this special rate! Rooms must be booked before February 20, 2015

The SC Chapter of the SMRT sponsors this continuing education meeting.

The Village Hospital is conveniently located next to the Greenville Spartanburg International Airport and off of Exit 56 off I-85. The meeting will be held in the community center at Pelham Medical Center, Medical Office Building, Entrance B.

From Spartanburg
Take I-85 South to Exit 56 (Highway 14). At the top of the exit, turn left. The Village Hospital is approximately 0.6 miles on your left at the corner of Westmoreland Road and SC-14.

From Greenville
Take I-85 North to Exit 56 (Highway 14). At the top of the exit, turn right. The Village Hospital is approximately 0.6 miles on your left at the corner of Westmoreland Road and SC-14.

South Carolina SMRT

2015
Annual MRI Registry Review
Pelham Medical Center
Sunday, March 15, 2015
8am-5pm
Pelham Medical Center
Community Center
Medical Office Building-Entrance B250
Westmoreland Rd.
Greer, South Carolina 29651

8 Category A CE Credits
Approved through SMRT
A recognized RCEEM of the ARRT

Phone: (864) 918-3740
for more information
### 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

Wendy Callahan, RT(R)(MR)
Melonee Elrod, RT(R)(M)(CT)(MR)
Cindy Hipps, BHS, RT(R)(MR) FSMRT
Carol Lee, BS, RT(R)(CT)(MR)

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### SC SMRT Chapter Meeting Agenda

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

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 14, 2015 at Pelham Medical Center, Medical Office building. Ask about the special for student attendees.

For more info go to: [http://www.ismrm.org/smrt/chapters](http://www.ismrm.org/smrt/chapters)