SCBT-MR
Masters in Body Imaging
39th Annual Course
September 17-21, 2016
Salt Lake City, Utah
MULTI-ENERGY CT WORKSHOP

Saturday, September 17, 2016
7:00 - 8:15 am

DECT: Technology and Workflow
Introduction to DECT, Dushyant Sahani, MD, FSCBTMR
Single Source DECT Workflow, Desiree Morgan, MD, FSCBTMR
Dual Source DECT Workflow, Carlo De Cecco, MD, FSCBTMR
Detector Based DECT, Lakshmi Ananthakrishnan, MD
A Technologist's Perspective, Cristy Savage, RT(R)(CT) CIIP

8:30 - 9:55 am

DECT: Material Separation, Musculoskeletal, and Vascular Applications
Material Separation in DECT, Andrew Hardie, MD, FSCBTMR
Metal Artifact Reduction with DECT, Daniele Marin, MD, FSCBTMR
DECT in the Musculoskeletal System, Daniele Marin, MD, FSCBTMR
Thoracic Vascular Applications of DECT, Subba Digumarthy, MD
Reduced Iodine Dose Abdominal DECTA, Dushyant Sahani, MD, FSCBTMR

10:05 am - 12:00 pm

DECT: Multi-System Applications
DECT of the Liver, William Shuman, MD, FSCBTMR
DECT in the Pancreas, Desiree Morgan, MD, FSCBTMR
DECT in Renal Stones and Masses, Ravi Kaza, MD
DECT Oncologic Applications in the Abdomen, Avinash Kambadakone Ramesh, MD
Dual-Energy CT of the Pediatric Patient 2016: How I Do It, Marilyn Siegel, MD, FSCBTMR
Is There a Role for DECT in the Emergency Department?, Avinash Kambadakone Ramesh, MD
Dual Energy CT: Incorporation into Clinical Practice, Rendon Nelson, MD, FSCBTMR

2016 ANNUAL MEETING

Saturday, September 17, 2016
1:00 - 3:00 pm

CT: Technical Advances and Contrast Media
Welcome, President's Address & Program Committee Update, Erik Paulson, MD, FSCBTMR, Dushyant Sahani, MD, FSCBTMR
New DECT Techniques, Dushyant Sahani, MD, FSCBTMR
Wide Detector CT: Axial Versus Helical, W. Dennis Foley, MD, FSCBTMR
Contrast Media 2016, Matthew Davenport, MD, FSCBTMR
New Contrast Injection Strategies in Low kV and keV Imaging, Carlo De Cecco, MD, FSCBTMR
Recent Advances in CT Radiation Dose Reduction Techniques, Kalpana Kanal, PhD, FSCBTMR
Advances in CT Radiation Dose Reduction Techniques in Children, Marilyn Siegel, MD, FSCBTMR

3:15 - 5:00 pm

Thoracic Imaging
Debate: “Chasing Lung Nodules - Helping or Hurting Patients?”
Ella Kazerooni, MD, MS, FSCBTMR, Geoffrey Rubin, MD, FSCBTMR, Philip Costello, MD, FSCBTMR, Michael Orsi, MD, Subba Digumarthy, MD, William Shuman, MD, FSCBTMR
Lung Cancer Screening in Practice: Optimizing Your Program, Ella Kazerooni, MD, MS, FSCBTMR
Lung Cancer Staging Update with CT and PET/CT, Leslie Quint, MD, FSCBTMR
Choosing Wisely: Approaches to Guiding Utilization of Chest Radiography, Leif Jensen, MD, MPH
Is Dual Energy CT Ready for Prime Time in the Chest? Philip Costello, MD, FSCBTMR

5:00 - 6:30 pm

Welcome Reception – Exhibit Hall

Sunday, September 18, 2016
7:00 - 7:45 am

Round Table Discussions
Teaching at the PACS Station: How I Do It, Leslie Quint, MD, FSCBTMR, Jill Jacobs, MD, FSCBTMR, Reena Jha, MD
Dose Monitoring in CT/Radiation Dose Reduction: How Much is Too Much?, Kalpana Kanal, PhD, FSCBTMR, Sanjay Saini, MD, MBA, FSCBTMR
Update on MRI and Gadolinium Safety, Ihab Kamel, MD, PhD, FSCBTMR, Martin Prince, MD, PhD, FSCBTMR

8:00 - 10:00 am

Efficient MR Protocols
Keynote Address: The Transformation to Value Driven Health Care, Vivian Lee, MD, PhD, MBA
Economics of Efficient MRI Protocols, Sanjay Saini, MD, MBA, FSCBTMR
Pelvic MRI Under 30 minutes, Neil Rofsky, MD, FSCBTMR
Prostate MRI Under 30 minutes, Jurgen Futterer, MD, PhD, FSCBTMR
Liver MRI Under 30 minutes, Mukesh Harisinghani, MD, FSCBTMR
Fast Knee MRI, Garry Gold, MD, FSCBTMR

10:20 - 11:05 am

Workshops
Rectal Cancer MRI, Mukesh Harisinghani, MD, FSCBTMR, Kartik Jhaveri, MD, FSCBTMR
Airways: Large and Small, Philip Costello, MD, FSCBTMR
Checklist for CT of Blunt Abdominal Trauma, R. Brooke Jeffrey, MD, FSCBTMR
Radiation Dose Monitoring in CT: Quality Improvement Considerations, Kimberly Applegate, MD, MS, FSCBTMR, Olga Brook, MD, FSCBTMR

1:00 - 3:00 pm

Workshops
Rectal Cancer MRI, Mukesh Harisinghani, MD, FSCBTMR, Kartik Jhaveri, MD, FSCBTMR
Airways: Large and Small, Philip Costello, MD, FSCBTMR
Checklist for CT of Blunt Abdominal Trauma, R. Brooke Jeffrey, MD, FSCBTMR
Radiation Dose Monitoring in CT: Quality Improvement Considerations, Kimberly Applegate, MD, MS, FSCBTMR, Olga Brook, MD, FSCBTMR
Monday, September 19, 2016

7:00 - 7:45 am
Round Table Discussions
Iterative Reconstruction Techniques: Use in Current CT Practice and Integration of Dual Energy CT, William Shuman, MD, FSCBTMR, Rendon Nelson, MD, FSCBTMR
Talking to Your Colleagues & Hepatologists About LI-RADS, Frank Miller, MD, FSCBTMR, Joseph Yacoub, MD
Prostate MRI - Getting it Right, Katarzyna Macura, MD, PhD, FSCBTMR, Pranay Krishnan, MD

8:00 - 10:00 am
Oncologic/Quantitative Imaging
Debate: “Should My Practice Invest in PET MRI?” Alexander Guimaraes, MD, PhD, Anwar Padhani, MBBS, FRCP, FRCR, FSCBTMR, Lynne Hurwitz Koweek, MD, FSCBTMR, Venkateswar Surabhi, MD, Vikas Kundra, MD, PhD, FSCBTMR, N. Reed Dunnick, MD, FSCBTMR
Cholangiocarcinoma, Kartik Jhaveri, MD, FSCBTMR
Pancreatic Cancer Update, R. Brooke Jeffrey, MD, FSCBTMR
Neuroendocrine Tumors, Michael Blake, FFR(RCSI)FRCR, FSCBTMR
DW MRI of Bone Marrow in Health and Oncologic Diseases, Anwar Padhani, MBBS, FRCP, FRCR, FSCBTMR
Quantitative CT Imaging for Tumor Response Assessment, Andrew Smith, MD, PhD, FSCBTMR

10:20 - 11:05 am
Workshops
Prostate MRI PIRADS v2.0, Jelle Barentsz, MD, PhD, FSCBTMR, Jurgen Futterer, MD, PhD, FSCBTMR
MRI of Sports Medicine, Garrick Gold, MD, FSCBTMR
Tumor Assessment, RECIST or ENABLE with More Informative Multimedia Radiologist Reports, Marilyn Siegel, MD, FSCBTMR, Les Folio, DO, MPH, FAOCR
Genitourinary Cancer Imaging, Susan Ascher, MD, FSCBTMR, Anwar Padhani, MBBS, FRCP, FRCR, FSCBTMR

11:15 - 12:00 pm
Workshops
MR Neurography: Case Based Interactive Session, Kimberly Amrami, MD, FSCBTMR, Avneesh Chhabra, MD
Cardiovascular Imaging Interactive Case Discussions, U. Joseph Schoepf, MD, FSCBTMR, Satinder Singh, MD
Navigating the Biliary Tract with CT & MR: An Imaging Approach to Biliary Obstruction, Ann Fulcher, MD, FSCBTMR
Building a Successful Female Pelvic Floor Imaging Practice, Gaurav Khatri, MD, Jurgen Futterer, MD, PhD, FSCBTMR

Meeting Highlight: Scientific Session

Monday, 1:30 - 5:00pm
Come hear cutting-edge research discussed in short, concise presentations.
Tuesday, September 20, 2016

7:00 – 7:45 am
**Round Table Discussions**
Pancreatic Cancer Imaging: CT/MR/PET/EUS, Eric Tamm, MD, FSCBTMR, Abjihit Roychowdhury, MD
Creating and Adopting Structured Report Templates, Brian Herts, MD, FSCBTMR, Venkateswar Surabhi, MD
Changing the Way Radiologists Work: How and Why We Need to Embrace a Culture of Safety, Kimberly Applegate, MD, MS, FSCBTMR, Julia Fielding, MD, FSCBTMR

8:00 – 10:10 am
**Gastrointestinal Imaging**
Debate: “Oral Contrast, Yea or Nay?”, Erik Paulson, MD, FSCBTMR, Mark Baker, MD, FSCBTMR, Michael Gee, MD, PhD, Julia Fielding MD, FSCBTMR, Crisy Savage, RT(R)(CT) CIIP, Avinash Kambadakone Ramesh, MD
Interpreting CTE/MRE in Crohn’s Disease, Mark Baker, MD, FSCBTMR
Gastrointestinal Stromal Tumors, Eric Tamm, MD, FSCBTMR
Small Bowel Obstruction: When to Worry, Erik Paulson, MD, FSCBTMR
Update on CTC, Judy Yee, MD, FACR, FSCBTMR

9:40 – 10:10 am
**Power Posters**

10:25 – 11:10 am
**Workshops**
Lung Cancer Screening in Practice: State of the Art, Reginald Munden, DMD, MD, MBA, FSCBTMR
Imaging Biomarkers of Crohn’s Disease Activity and Treatment Response, Michael Gee, MD, PhD
Imaging and Managing Pancreatic Cystic Lesions: CT and MRI, Isaac Francis, MBBS, FSCBTMR, Pardeep Mittal, MD
MRI of Femoracetabular Impingement, Garry Gold, MD, FSCBTMR, David Mayer, MS, MD

**Authors at Posters for Comments/Questions**
11:20 - 12:05 pm
**Workshops**
Recent Advances in CT Radiation Dose Reduction Techniques, William Shuman, MD, FSCBTMR, Kalpana Kanal, PhD, FSCBTMR
Dual Energy CT in Thoracic Masses, Subba Digumarthy, MD
How to Start a DECT Program, Rendon Nelson, MD, FSCBTMR, Avinash Kambadakone Ramesh, MD
Interesting and Challenging Liver Lesions, Barak Friedman, MD, Sudhakar Venkatesh, MD, FRCR, FSCBTMR

1:15 – 2:45 pm
**Image Interpretation Team Competition**
Michael Gee, MD, PhD
Lakshmi Ananthakrishnan, MD
Philip Costello, MD, FSCBTMR
Judy Yee, MD, FACR, FSCBTMR
Aarti Sekhar, MD
Pardeep Mittal, MD
Brian Herts, MD, FSCBTMR
Joseph Yacoub, MD

3:00 – 5:15 pm
**Multi-System and Special Interest**
CT and MR MSK Imaging Around Metal, Garry Gold, MD, FSCBTMR
MR Neurography: Technical Considerations, Avneesh Chhabra, MD
Artifacts in Body MRI, Thomas McCauley, MD, FSCBTMR
Abdominal MRI in Emergent Settings, Ivan Pedrosa, MD, FSCBTMR
Prostate MRI Update 2016: MRI/US Fusion Biopsy, Katarzyna Macura, MD, PhD, FSCBTMR
4D Flow MRI for Congenital Heart Disease, Scott Reeder, MD, PhD, FSCBTMR
Multiple Myeloma: No More Skeletal Surveys, Kimberly Amrami, MD, FSCBTMR
Radiologist Burnout: The Challenge and a Remedy, Stephen Swensen, MD, FSCBTMR

Wednesday, September 21, 2016

7:00 – 7:45 am
**Round Table Discussions**
Tumor Response Assessment Criteria in Clinical Practice, Richard Gore, MD, FSCBTMR, Andrew Smith, MD, PhD, FSCBTMR
Practical Implementation of CT Colonography, Judy Yee, MD, FACR, FSCBTMR, Elizabeth McFarland, MD, FSCBTMR
Radiologist Productivity Measures in the Era of Healthcare Reform, Giles Boland, MD

8:00 – 10:15 am
**Liver Imaging**
Chronic Liver Disease and HCC Screening Strategies, Jeffrey Weinreb, MD, FACR, FSCBTMR
LI-RADS: Update 2016, Jay Heiken, MD, FSCBTMR
Hypervascular Liver Lesions in the Non-Cirrhotic Patient, Ihab Kamel, MD, PhD, FSCBTMR
Hepatobiliary Contrast Agents, Scott Reeder, MD, PhD, FSCBTMR
Fibrosis Quantification/MR Elastography, Sudhakar Venkatesh, MD, FRCR, FSCBTMR
Liver Fat and Iron Quantification, Scott Reeder, MD, PhD, FSCBTMR
Targeted Therapy for Hepatic Tumors: Assessing Response, Frank Miller, MD, FSCBTMR
Decision Support in Radiology, Giles Boland, MD

10:30 am – 12:45 pm
**Genitourinary Imaging**
Problematic Renal Masses, Vikas Kundra, MD, PhD, FSCBTMR
Adnexal Incidentalomas, Richard Gore, MD, FSCBTMR
Radiogenomics of Ovarian Cancer, Srinivasa Prasad, MD, FSCBTMR
Radiomics in Kidney Cancer, Ivan Pedrosa, MD, FSCBTMR
How to Interpret Prostate MRI with PI-RADS, Vikas Kundra, MD, PhD, FSCBTMR
MRI in Benign Gynecological Conditions, Susan Ascher, MD, FSCBTMR
DECT: GU Applications, Ravi Kaza, MD
Retroperitoneal Sarcoma: What Your Surgical Oncologist Wants to Know, Aarti Sekhar, MD
KEYNOTE

Vivian S. Lee, MD, PhD, MBA

The Transformation to Value Driven Healthcare

Vivian Lee is CEO of University of Utah Health Care in Salt Lake City, dean of the University of Utah School of Medicine, and senior vice president for health sciences of University of Utah. She is the author of “Cardiovascular MRI: Physical Principles to Practical Protocols” and more than 150 peer-reviewed studies. A recognized leader in academic medicine and health care, Lee is a Rhodes Scholar, member of the National Academy of Medicine, and serves on the National Institutes of Health Council of Councils. Lee will explore how to provide outstanding patient care while navigating the complexities of healthcare reform. Topics include healthcare costs and waste in the United States, the causes of waste, and solutions and tools.

What past participants are saying about SCBT-MR:

“Great meeting. I have always enjoyed the SCBTMR meetings whether I attended in person or reviewed on DVD. I always learn something that is helpful to bring back to my practice.”
- Matthew P. Shapiro, MD

“Love the meeting format and the quality of the speakers”
- Luciano P Mastrogiovanni, MD

“Round table discussions were outstanding.”
- Andrei S Purysko, MD

“Good topics, great venue, wonderful unique opportunity to talk with the experts.”
- Eric P. Tamm, MD, FSCBTMR

Great selection of topics and organization! The 15-minute format was good with adequate time for discussion! None of the speakers seem rushed and covered their slides well. The power posters were a great addition.”
- Avinash Kambadakone Ramesh, MD, DNB, FRCR

Special Add on Opportunity

Multi-Energy CT Workshop

- Practical and case based
- Emphasis on workflow and clinical applications
- Workstation based
- Friendly and interactive environment

FREE Workshop by The University of Utah-UCAIR

Optimizing MR Protocols: Bridging the Gap Between Radiologists and Imaging Physicists – The University of Utah Experience

Sunday, September 18, 2016, 5:30 – 6:30 pm
Refreshments will be served

FREE SA-CME!

Full meeting registrants will receive free streaming access to meeting lectures. A great way to earn SA-CME!

Hotel Information

Grand America Hotel
Salt Lake City, Utah

SCBT-MR discounted room rate: $269
Visit SCBTMR.org/2016-meeting or call 800-437-5288 and refer to the SCBT-MR annual meeting

Registration Fees

Visit www.scbtmr.org to register

<table>
<thead>
<tr>
<th></th>
<th>Early Before 7-18-16</th>
<th>Regular</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>$1,050</td>
<td>$1,200</td>
</tr>
<tr>
<td>Member In Training</td>
<td>$400</td>
<td>$500</td>
</tr>
<tr>
<td>Non Member</td>
<td>$1,500</td>
<td>$1,600</td>
</tr>
<tr>
<td>Technologist</td>
<td>$400</td>
<td>$500</td>
</tr>
<tr>
<td>Multi-Energy CT Workshop</td>
<td></td>
<td>$200</td>
</tr>
</tbody>
</table>
Meeting Highlights

- Hot topics in MR & CT
- Over 25 hours of lectures
- Debates on cutting-edge topics
- Image Interpretation Panel Team Competition
- Cases We'd Like to Do Over
- Outstanding Scientific Session
- Network with Experts & Peers
- Free SA-CME

Register early to take advantage of the discounted rates!
Please visit www.scbtmr.org for more information.