MULTI-ENERGY CT WORKSHOP

Saturday, September 9, 2017

7:00 – 8:35am
MECT: Technology, Workflow, and Image Processing Simplified
Introduction, Dushyant Sahani, MD, FSCBTMR
Single Source MECT Workflow, Desiree Morgan, MD, FSCBTMR
Dual Source MECT Workflow, Carlo De Cecco, MD, FSCBTMR
Detector Based MECT Workflow, Lakshmi Ananthakrishnan, MD
A Technologist’s Perspective, Cristy Savage, RT(R)(CT) CIIP
Designing MECT Protocols, Artifacts, and Radiation Dose, Rendon Nelson, MD, FSCBTMR

8:50 – 10:20 am
MECT: Material Separation, Musculoskeletal, and ER Applications
Multimaterial Separation and Quantitation (Iodine and HU), Andrew Hardie, MD, FSCBTMR
Optimizing Oral and IV Contrast Use with MECT (Including CTA), Dushyant Sahani, MD, FSCBTMR
MSK Applications, Daniele Marin, MD, FSCBTMR
Pulmonary Embolism and Lung Nodule Imaging, Subba Digumarthy, MD
MECT in Emergency Department, Avinash Kamadakone Ramesh, MD, FSCBTMR

10:35 am – 12:05 pm
MECT: Multi-System Applications
Hepatobiliary System, William Shuman, MD, FSCBTMR
Pancreas, Desiree Morgan, MD, FSCBTMR
Kidney and Adrenals, Ravi Kaza, MD
Gastrointestinal Tract, Benjamin Yeh, MD, FSCBTMR
MECT in Pediatric Patients, Marilyn Siegel, MD, FSCBTMR

1:30 – 3:10 pm
CT: Technical Advances
Welcome, President’s Address & Program Committee Update, Dushyant Sahani, MD, FSCBTMR; Garry Gold, MD, FSCBTMR
Advances in CT Technology, Hans-Christoph Becker, MD
CT Iterative Reconstruction Techniques, Kalpana Kanal, PhD, FSCBTMR
Future CT Contrast Materials, Benjamin Yeh, MD, FSCBTMR
Steroid Preps: New Data Motivating New Policy, Matthew Davenport, MD, FSCBTMR

3:15 – 5:00 pm
Abdominal & Bowel Imaging
DEBATE: “CTE vs MRE for IBD”, Michael Gee, MD, PhD, Joel Platt, MD, FSCBTMR, Aminash Kamadakone Ramesh, MD, FSCBTMR, Manohar Roda, MD, Abhijit Roychowdhury, MD, Andrew Hardie, MD, FSCBTMR
Small Bowel Obstruction: When to Worry?, Erik Paulson, MD, FSCBTMR
Tumors and Tumor-Like Conditions of the Mesentery and Omentum, Isaac Francis, MD:BS, FSCBTMR
CT Colonography: Structured Reporting and QA, Elizabeth McFarland, MD, FSCBTMR
MRI of Rectal Cancer, TBD

5:00 – 6:30 pm
Welcome Reception in the Exhibit Hall

Sunday, September 10, 2017

7:00 – 7:45 am
Round Table Discussions
Pancreatic Oncologic Imaging, Eric Tamm, MD, FSCBTMR
Mentoring Trainees and Junior Faculty, Tara Catanzano, MD, Michael Gee, MD, PhD
Routine DECT Reconstructions for Clinical Use, Andrew Hardie, MD, FSCBTMR

8:00 – 10:00 am
Impact of Technological Advances on Radiology
Keynote Talk: “Big Data, Machine Learning, and AI in Radiology”, Keith J. Dreyer, DO, PhD, FACR, FSIIIM
Starting Your 3D Printing Practice, Scott Reeder, MD, PhD, FSCBTMR
Reports of the Future Are Here Now, Les Folio, DO, FSCBTMR
Grace Under Fire: Tools to Maintain Productivity and Decrease Stress, Desiree Morgan, MD, FSCBTMR
ACR Assist Tools for Clinical Decision Support Reporting, Lincoln Berland, MD, FSCBTMR
Monday, September 11, 2017

7:00 – 7:45 am
Round Table Discussions
Improving Radiology Reports, Brian Herts, MD, FSCBTMR, Gregory Grimaldi, MD
CT Colonography: How to Implement in Clinical Practice, Elizabeth McFarland, MD, FSCBTMR
MACRA and the Body Radiologist, Andrew Rosenkrantz, MD, FSCBTMR

8:00 – 10:00 am
Liver Imaging
PRACTICE PEARLS: The Diagnostic Process: More Than Just Interpreting Images, Matthew Davenport, MD, FSCBTMR
Fat and Iron Quantification in Liver MRI, Scott Reeder, MD, PhD, FSCBTMR
New Developments in MR Elastography, Richard Ehman, MD, FSCBTMR
Liver Fat Fibrosis and HCC with DECT, Dushyant Sahani, MD, FSCBTMR
LI-RADS 2017: Updates, Claude Sirlin, MD
Hepatocellular Adenomas: 2017 Update, Srinivasa Prasad, MD, FSCBTMR
Wide Detector Multi-Phase Arterial Phase CT for Hyper-Enhancing Liver Lesions, William Shuman, MD, FSCBTMR

10:15 – 11:00 am
Workshops
Pancreatic Adenocarcinoma: Everything You Need to Know from Cross-Sectional Imaging to Treatment, Andrew Bowman, MD, PhD, Bhavik Patel, MD
Assessing the Many Faces of Tumor Response with Advanced Therapies, Les Folio, DO, FSCBTMR, Katrina McGinty, MD
Let’s Clear the Air: How to Prevent and Manage the Post Lung Biopsy Pneumothorax, Michael Osipow, MD, Subba Digumarthy, MD
Utility of DECT in Gynecologic Malignancy, Priya Bhosale, MD, FSCBTMR, Evan Siegelman, MD, FSCBTMR

11:15 – 12:00 pm
Workshops
Talking to Your Hepatologists and Colleagues about LI-RADS, Joseph Yacoub, MD, Claude Sirlin, MD
Tumor Response Assessment, Marilyn Siegel, MD, FSCBTMR, Hans-Christoph Becker, MD
MRI-Guided Interventions: How to Build a Successful Service, Jurgen Futterer, MD, PhD, FSCBTMR
Problem Solving Abdominal CT with Dual Energy, Benjamin Yeh, MD, FSCBTMR

1:15 – 4:25 pm
Scientific Sessions

MEETING HIGHLIGHT:
Scientific Session
Monday, 1:15 – 4:25 pm
Come hear cutting-edge research discussed in short, concise presentations.
Tuesday, September 12, 2017

7:00 – 7:45 am  
**Round Table Discussions**
CT Dose in Radiology Reports, Donald Frush, MD, FSCBTMR  
MRI Safety, Ihab Kamel, MD, PHD, FSCBTMR, Alexander Guimaraes, MD, PhD  
Intellectual Property and Technology Transfer, Andrew Smith, MD, PhD, FSCBTMR

8:00 – 10:15 am  
**Beyond Interpretation**
Mergers and Acquisitions: What's Going On?, Erik Paulson, MD, FSCBTMR  
Physician Payment Reform and Radiology, Andrew Rosenkrantz, MD, FSCBTMR  
Imaging Improvement: Aiming at Patient Outcomes, Ella Kazerooni, MD, FSCBTMR  
Implementation of a Radiology Clinical Trials Office, Ivan Pedrosa, MD, FSCBTMR

8:00 – 10:15 am  
**Workshops**  
Imaging of Hereditary Cancer Syndromes, Venkata Katabathina, MD, Srinivasa Prasad, MD, FSCBTMR  
Pearls, Pitfalls, and Challenges with Body CT in Oncology, Dushyant Sahani, MD, FSCBTMR, Alexander Guimaraes, MD, PHD  
Multi-Vendor DECT Integration into Practice, Lakshmi Ananthakrishnan, MD, Rendon Nelson, MD, FSCBTMR  
MRI of the Brachial Plexus, Christopher Beaulieu, MD, PhD, FSCBTMR

10:30 – 11:15 am  
**Workshops**  
CT of the Small Bowel, Joel Platt, MD, FSCBTMR  
Protocol Development and Radiation Dose Considerations with DECT, Rendon Nelson, MD, FSCBTMR, Bhavik Patel, MD  
Portal Venous Abnormalities: The Good, the Bad, and the Ugly, Reena Jha, MD, FSCBTMR, Aarti Sekhar, MD  
Interesting and Challenging Liver Cases, Sudhakar Venkatesh, MD, FSCBTMR, Michael Wells, MD

3:30 – 5:30 pm  
**Kidney and Pancreas**  
DEBATE: CT vs MR for Evaluating Renal Masses, Ivan Pedrosa, MD, FSCBTMR, Stuart Silverman, MD, FSCBTMR, Bhavik Patel, MD, Nicole Hindman, MD, Les Folio, DO, FSCBTMR, Jurgen Futterer, MD, PhD, FSCBTMR  
Managing the Incidental Renal Mass - What’s New?, Brian Herts, MD, FSCBTMR  
Pediatric Renal Masses, Donald Frush, MD, FSCBTMR  
Essential Report Elements for the Indeterminate Renal Mass, Andrew Smith, MD, PhD, FSCBTMR  
Review of New Pancreatic ACR Incidental Findings Recommendations, Lincoln Berland, MD, FSCBTMR  
Pancreatic Neuroendocrine Tumors, Eric Tamm, MD, FSCBTMR

Wednesday, September 13, 2017

8:00 – 10:00 am  
**Thoracic and Cardiac Imaging**  
Lung Cancer Screening: Update on Practice Performance, Ella Kazerooni, MD, FSCBTMR  
Small Airway Diseases, Philip Costello, MD, FSCBTMR  
Incidental Findings on Chest CT, Reginald Munden, MD, FSCBTMR  
The Economics of Coronary CTA, Geoffrey Rubin, MD, FSCBTMR  
Cardiac CT in Adult Congenital Heart, Satinder Singh, MD  
Practical Utility of DECT in Cardiothoracic Imaging, Prabhakar Rajiah, MD  
Cardiac CT - State of the Art in 2017, U. Joseph Schoepf, MD, FSCBTMR

10:15 am – 12:00 pm  
**Interventional and Functional Imaging**  
Renal Mass Biopsy: Needed Now More Than Ever, Stuart Silverman, MD, FSCBTMR  
Management of Complex Procedures, David Bolus, MD  
Novel MRI Metrics to Assess Treatment Response, Ihab Kamel, MD, PhD, FSCBTMR  
Planning and Response Assessment to Loco-Regional Therapies, Daniel Brown, MD  
Never Say No: Tricks for That Impossible Access for Biopsy and Drainage, Olga Brook, MD, FSCBTMR  
ABCs of Immunotherapy, Priya Bhosale, MD, FSCBTMR
**KEYNOTE**

**Keith J. Dreyer, DO, PhD, FACR, FSIIIM**  
*Big Data, Machine Learning, and AI in Radiology*

![Profile Picture](image)

Vice Chairman of Radiology,  
Massachusetts General Hospital  
Associate Professor of Radiology,  
Harvard Medical School  

Keith J. Dreyer, DO, PhD, FACR, FSIIIM,  
is Vice Chairman of Radiology and Director of the Center for Clinical Data Science at Massachusetts General Hospital and Associate Professor of Radiology at the Harvard Medical School. He is ABR board certified in diagnostic radiology with a BS in Mathematics, MS in Image Processing, PhD in Computer Science and medical fellowships in Imaging Informatics and Magnetic Resonance Imaging from Harvard University at MGH. Dr. Dreyer has held numerous board, chair, advisory and committee positions with the American College of Radiology, Radiological Society of North America, Society of Imaging Informatics in Medicine and numerous global healthcare corporations. He has authored hundreds of scientific papers, presentations, chapters, articles and books; lecturing worldwide on clinical data science, cognitive computing, clinical decision support, clinical language understudying, digital imaging standards, and implications of technology on the quality of healthcare and payment reform initiatives.

**WHAT PAST PARTICIPANTS ARE SAYING ABOUT SCBT-MR:**

“**This meeting is unique in that the speakers are very approachable. The meeting is unique in that it focuses on how to do something. It is an opportunity to learn about new techniques and how to implement them.**”  
– Eric Tamm, MD, FSCBTM

“**Excellent clinically relevant talks. Excellent dovetailing of scientific and clinical information.**”  
– Chris Goscin, MD, MBA

“**Provided real life information. What can be used to today and what is on the horizon. The keynote address was fantastic.**”  
– Allison Pearl, MD

“**Great up to date information on new imaging protocols and great detailed overviews of different aspects of body imaging like adrenal pearls and attention to pi rads imaging.**”  
– Blaise Jones, MD

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**Multi-Energy CT Workshop**  
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**HOTEL INFORMATION**

**Omni Nashville Hotel**  
Nashville, Tennessee  
SCBT-MR discounted room rate: $266  
Visit SCBTMR.org/2017-Meeting or call (615) 782-5300 and refer to the SCBT-MR Annual Meeting

**REGISTRATION FEES**

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