

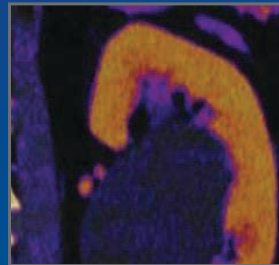
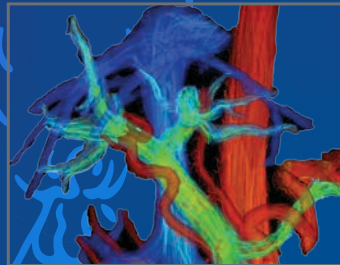
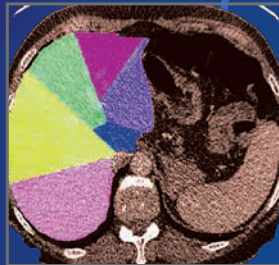
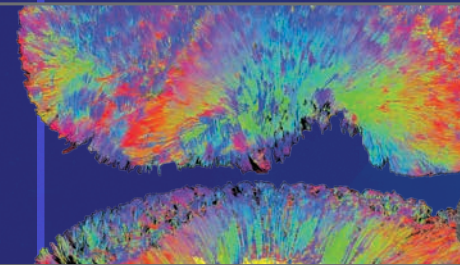
SCBT-MR

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39TH
ANNUAL
COURSE

IMAGING



SEPTEMBER 17-21, 2016
SALT LAKE CITY, UTAH



SCBT-MR

Society of Computed Body Tomography & Magnetic Resonance

AGENDA

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**

11:15 - 12:00 pm

Workshops

Musculoskeletal Findings for Abdominal Radiologists, **Kimberly Amrami, MD, FSCBTMR, Aarti Sekhar, MD**

Adrenal MR: Pearls and Pitfalls, **Frank Miller, MD, FSCBTMR, Michael Blake, FFR(RCSI)FRCR, FSCBTMR**

Structured Radiology Reports: Who Are They For? **Brian Herts, MD, FSCBTMR**

CTA Runoffs; Upper and Lower Extremity, **Vassilios Raptopoulos, MD, FSCBTMR, W. Dennis Foley, MD, FSCBTMR**

12:00 - 1:15 pm

Annual Business Meeting (Members Only)

1:15 - 2:30 pm

Don't Let This Happen to You! (Cases We'd Like to Do Over)

Mark Baker, MD, FSCBTMR

Ihab Kamel, MD, PhD, FSCBTMR

Olga Brook, MD, FSCBTMR

Gaurav Khatri, MD

W. Dennis Foley, MD, FSCBTMR

Elizabeth McFarland, MD, FSCBTMR

Jay Heiken, MD, FSCBTMR

Venkateswar Surabhi, MD

Reena Jha, MD

Joseph Yacoub, MD

3:00 - 5:15 pm

Cardiovascular CT & MRI

Vasculogenic Basis of Imaging, **John Haaga, MD, FSCBTMR**

Cardiac CT: State of the Art in 2016, **U. Joseph Schoepf, MD, FSCBTMR**

Cardiovascular Disease Evaluation: Case Based Approach for Choice of Imaging Modality, **Lynne Hurwitz Koweeck, MD, FSCBTMR**

Adult Aortic Coarctation: Imaging and Management, **W. Dennis Foley, MD, FSCBTMR**

Have You Met My Aunt Minnie? Cardiac Entities You Should Know! **Jill Jacobs, MD, FSCBTMR**

Perforator Flap MR Angiography, **Martin Prince, MD, PhD, FSCBTMR**

Wide Detector TAVR Planning CT with Reduced Iodine Dose, **William Shuman, MD, FSCBTMR**

CT Pulmonary Angiography Update, **Vassilios Raptopoulos, MD, FSCBTMR**

Meeting Highlight:

Scientific Session

Monday, 1:30 - 5:00pm

Come hear cutting-edge research discussed in short, concise presentations.

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 Koweeck, 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, **Garry 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**

1:30 - 5:00 pm

Scientific Sessions and Posters

Tuesday, September 20, 2016

7:00 - 7:45 am

Round Table Discussions

Pancreatic Cancer Imaging: CT/MR/PET/EUS, **Eric Tamm, MD, FSCBTMR, Abjith 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, Cristy 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

Pardeep Mittal, MD

Lakshmi Ananthakrishnan, MD

Brian Herts, MD, FSCBTMR

Philip Costello, MD, FSCBTMR

Joseph Yacoub, MD

Judy Yee, MD, FACR, FSCBTMR

Aarti Sekhar, 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."

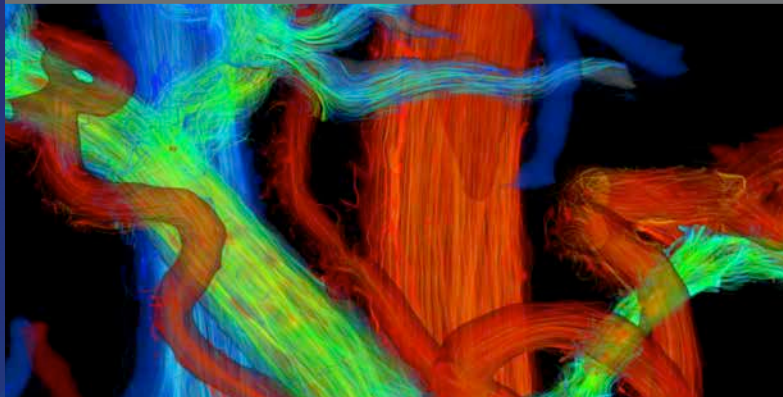
- Andrei S Purysko, MD

"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

	Early Before 7-18-16	Regular
Member	\$1,050	\$1,200
Member In Training	\$400	\$500
Non Member	\$1,500	\$1,600
Technologist	\$400	\$500
Multi-Energy CT Workshop		\$200



SCBT-MR
Society of Computed Body Tomography & Magnetic Resonance

SCBT-MR
1891 Preston White Drive
Reston, VA 20191
703-648-8900

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.

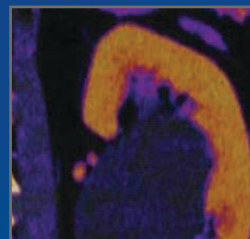
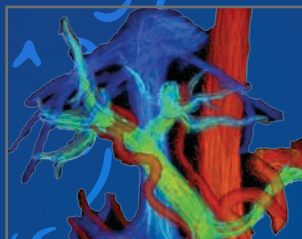
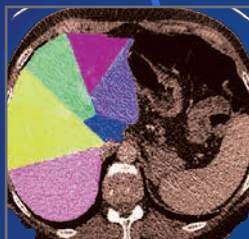
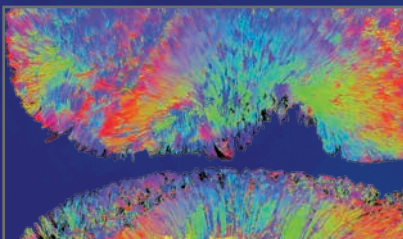
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