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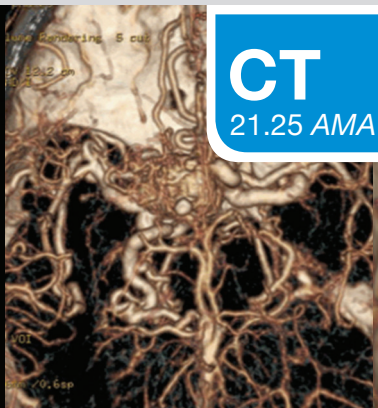
2015 Classic Lectures in Body Imaging *with* MR & CT

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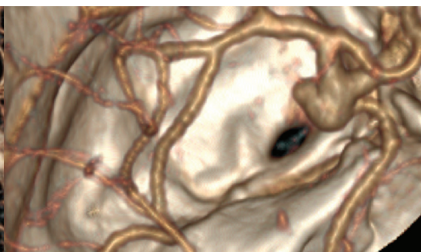
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Body Imaging with MR

About This CME Teaching Activity

This activity is designed to provide a practical yet comprehensive review of body MR imaging protocols in addition to emerging technologies. The faculty explains state-of-the-art clinical information and applications. Pearls and pitfalls on how to best image the body using MR will be presented.

Target Audience

This CME activity is primarily intended and designed to educate diagnostic imaging physicians. It should also be useful for referring physicians who order these studies so that they might gain a greater appreciation of the strengths and limitations of clinically relevant MR studies.

Scientific Sponsor

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This CME activity was planned and produced by Educational Symposia,
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This activity was planned and produced in accordance with the ACCME Essential Areas and Elements.

Educational Objectives

At the completion of this CME activity, you should be able to:

- Incorporate state-of-the-art imaging protocols to efficiently evaluate the body using MRI into clinical their practice.
- Describe the expanding role of MRI in assessing abdomen and pelvis.
- Optimize body MR angiography protocols and techniques.
- Differentiate benign and malignant neoplasms of the liver, pancreas, bowel and genitourinary system with MRI.

No special educational preparation is required for this CME activity.

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Body Imaging with CT

About This CME Teaching Activity

This CME activity is a comprehensive practical review of body CT imaging. The program is designed to transition from basic applications to more advanced protocols and techniques. Emerging technologies, pitfalls and recent technical enhancements designed to reduce radiation dose are discussed.

Target Audience

The CME activity is primarily intended and designed to educate diagnostic imaging physicians. It should also be useful for referring physicians who order these studies so that they might gain a greater appreciation of the strengths and limitations of clinically relevant CT studies.

Scientific Sponsor

Educational Symposia

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Educational Objectives

At the completion of this CME activity, you should be able to:

- Recognize the CT appearance of normal anatomy and common pathology of the abdomen and chest.
- Discuss the utility of CT and CTA in the diagnosis and evaluation of abdominal trauma.
- Differentiate benign and malignant nodules in the chest, liver, pancreas and kidneys.
- Optimize body CT protocols to minimize radiation dose.

No special educational preparation is required for this CME activity.

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Faculty - Body Imaging with MR

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Director of Cancer Imaging
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Icahn School of Medicine at Mount Sinai
New York, NY

Program - Body Imaging with MR

SESSION 1

Contrast Agents for MRA: Different Sons of the Same Mother
Thomas M. Grist, M.D., FACR

New MR Techniques Applied to Liver Disease
Bachir Taouli, M.D.

MRI of Focal Hepatic Lesions
Vamsi R. Narra, M.D., FRCR

MRI of Biliary Cancer: Gall Bladder, Intrahepatic and Extrahepatic Cancer
Janio Szklaruk, M.D., Ph.D.

SESSION 2

The Role of MRI in Liver Directed Therapy: Assessment of Response to Therapy
Janio Szklaruk, M.D., Ph.D.

Assessment of Tumor Response to Therapy
Bachir Taouli, M.D.

MRI of the Pancreas
Russel N. Low, M.D.

SESSION 3

Diffusion and Perfusion Abdominal MRI
Russel N. Low, M.D.

Renal and Adrenal MRI
Vamsi R. Narra, M.D., FRCR

MRI of the Small and Large Bowel
Vamsi R. Narra, M.D., FRCR

SESSION 4

The Role of MRI in GI and GU Oncology
Siva P. Raman, M.D.

Malignant Uterine and Adnexal Masses: Staging and Management
Russel N. Low, M.D.

MR Angiography of the Aorta and Periphery
Michael L. Steigner, M.D.

SESSION 5

Cancer Body MRI: How to See Subtle Tumors Other Tests Miss
Russel N. Low, M.D.

SESSION 5 (CONTINUED)

Prostate MRI
Neil M. Rofsky, M.D., FACR

Indications for Breast MRI
Christopher Comstock, M.D.

SESSION 6

Breast MRI Acquisitions
Christopher Comstock, M.D.

Controversies in Breast MRI: Over Diagnosis and Over Treatment
Elizabeth A. Morris, M.D., FACR

Breast MRI Interpretation
Christopher Comstock, M.D.

MR Imaging of Venous Disease
Thomas M. Grist, M.D., FACR

SESSION 7

Cardiac MRI: How I Do It
Thomas M. Grist, M.D., FACR

Practical Cardiac MRI: Viability Imaging as a Workhorse
Scott D. Flamm, M.D., M.B.A.

Imaging Acute Aortic Syndrome
Thomas M. Grist, M.D., FACR

SESSION 8

MRI/MRA of the Kidneys and Renal Arteries
Scott D. Flamm, M.D., M.B.A.

MR Guided HiFU: Just Around the Corner
Neil M. Rofsky, M.D., FACR

MRI of Thoracic Aorta Disease
Scott D. Flamm, M.D., M.B.A.

A Critical Look at MR Biomarkers
Neil M. Rofsky, M.D., FACR

SESSION 9

Breast Cancer Staging in the Dense Breast
Elizabeth A. Morris, M.D., FACR

4D Flow Imaging
Thomas M. Grist, M.D., FACR

Tough Cases: When Not to Use MRI
Elizabeth A. Morris, M.D., FACR

Faculty & topics subject to change.

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Section Chief-Cardiothoracic Imaging
Medical Director, Imaging, Keck Hospital of USC

Program - Body Imaging with CT

SESSION 1

Diagnosis and Staging in Colorectal Caner: Role of CT
Dushyant V. Sahani, M.D.

How to Implement a CT Colonography Clinical Program
Elizabeth G. McFarland, M.D., FACR

CT Colonography: Techniques and Hot Topics
Elizabeth G. McFarland, M.D., FACR

CT Colonography: Clinical Case Review and Reading Strategies with Integrated Workstation Review
Elizabeth G. McFarland, M.D., FACR

SESSION 2

Virtual Colonoscopy Essentials
Rizwan Aslam, MB, ChB

Virtual Colonoscopy Pitfalls
Rizwan Aslam, MB, ChB

Renal Stone Applications of Dual Energy
James P. Earls, M.D.

SESSION 3

New and Evolving Concepts in CT Urolithiasis and Reducing Radiation Risk
Dushyant V. Sahani, M.D.

Diagnosis of Acute Renal and Collecting System Injury
Stuart E. Mirvis, M.D., FACR

CT Evaluation of Renal Masses
Elliot K. Fishman, M.D., FACR

SESSION 4

CT Imaging of Solid Pancreatic Cancer
Siva P. Raman, M.D.

MDCT in Acute Intestinal Obstruction
Jorge A. Soto, M.D.

Imaging Focal Liver Lesions
Rizwan Aslam, MB, ChB

SESSION 5

Imaging the Acute Abdomen: When To Worry
Erik K. Paulson, M.D.

The Role of CTA in the Detection and Staging of the Oncology Patient
Elliot K. Fishman, M.D., FACR

Imaging the Patient with Blunt Abdominal Trauma: Update
Jorge A. Soto, M.D.

MDCT of Bowel and Mesenteric Trauma
Jorge A. Soto, M.D.

SESSION 6

Injuries to the Solid Organs of the Abdomen
Stuart E. Mirvis, M.D., FACR

Those Pesky Abdominopelvic CT Incidentalomas
Joel F. Platt, M.D.

What is the Role of Contrast Media in Routine CT Abdomen and Pelvis? Can We Eliminate it?
Jonas Rydberg, M.D.

SESSION 7

Multislice CT Evalaution of the Thoracic Aorta
Jonas Rydberg, M.D.

Multislice CT of the Abdomen and Lower Extremities
James P. Earls, M.D.

State of the Art 3D Reconstruction for Surgical Planning with Integrated Workstation Review
Michael L. Steigner, M.D.

Program continued on next page...

Program - Body Imaging with CT (continued)

SESSION 8

CT of PE: New Observations
James F. Gruden, M.D.

Fever, SOB, and Chest Pain: Is PE the Diagnosis? How to Evaluate the Patient for Possible PE
Diana Litmanovich, M.D.

Optimizing Image Quality and Radiation Dose in Imaging of Pulmonary Embolus
Aaron Sodickson, M.D., Ph.D.

SESSION 9

Making Sense and Managinging Lung Nodules
Allison G. Wilcox, M.D., FSCCT

CT of Idiopathic Interstitial Lung Disease
James F. Gruden, M.D.

Non-Neoplastic Smoking Related Lung Disease
James F. Gruden, M.D.

SESSION 10

Cardiac CT in the Emergency Room
Brian B. Ghoshhajra, M.D., MBA

Interesting Cardiothoracic Cases
James F. Gruden, M.D.

Enhancing Your CT Practice with Dual Energy in the ER
Aaron Sodickson, M.D., Ph.D.

Aortic and Pericardial/Myocardial Imaging
Stuart E. Mirvis, M.D., FACR

SESSION 11

Spectral and Dual Energy CT is There A Role in the Abdomen?
Dushyant V. Sahani, M.D.

Radiation Risks and Dose Reduction Opportunities Before, During and After the Scan
Aaron Sodickson, M.D., Ph.D.

Dose Management in Clinincal CT
Lawrence N. Tanenbaum, M.D., FACR

Faculty & topics subject to change.

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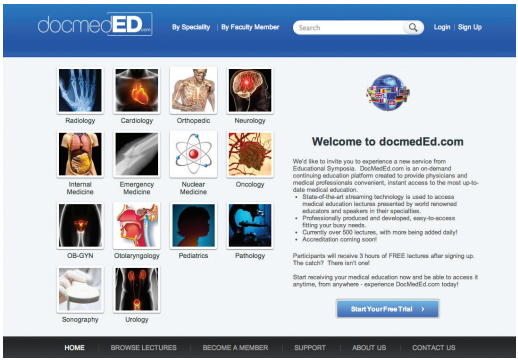
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