

RC132

Update Course in Diagnostic Radiology Physics: CT and MR Imaging—MR Safety

Edward F. Jackson, PhD, Co-Director
Willi A. Kalender, PhD, Co-Director

A. MR Safety Update: The ACR 2007 White Paper on MR Safety
Emanuel Kanal, MD

B. MR Safety of Implanted Devices: Pacemakers and Neurostimulators—What's Safe and When?
Emanuel Kanal, MD

C. High Field, Radiofrequency, and Gradient Safety
Daniel Schaefer, PhD



RC150

MR Imaging-guided Breast Biopsy

(Hands-on Workshop)

Michelle D. McDonough, MD
Annamaria Wilhelm, MD
Elizabeth R. DePeri, MD
Lia Bartella, MD, FRCR
Gary J. Whitman, MD
Alice S. Rim, MD
Hiroyuki Abe, MD
Elsie Levin, MD
Christiane K. Kuhl, MD
Constance D. Lehman, MD, PhD
Mary C. Mahoney, MD
Margarita L. Zuley, MD
Stamatia V. Destounis, MD
Carol H. Lee, MD
Steven E. Harms, MD
Thomas L. Pope, Jr, MD
Francesca D. Beaman, MD
W. Phil Evans III, MD
Elizabeth A. Morris, MD
Roberta A. Jong, MD

RC151

Imaging of the Mediastinum

(How-to Workshop)

Paul L. Molina, MD
Katherine R. Birchard, MD
Lacey Washington, MD

RC152

Techniques of Freehand Invasive US with Thermal Ablation (Hands-on Workshop)

William E. Shiels II, DO
Alda F. Cossi, MD
Robert D. Lyon, MD
Michael V. Krasnokutsky, MD
Hayden W. Head III, MD
Jeong-Min Lee, MD
Sarah S. Milla, MD
Mark J. Hogan, MD
Stephen C. O'Connor, MD
Howard T. Harcke, MD
Manish N. Patel, DO
Hollins P. Clark, MD
Neil V. Patel, MD

RC153

3D Visualization Applications for Gastrointestinal and Genitourinary Imaging (Hands-on Workshop)

Matthew A. Barish, MD

RC154

Freeware, Shareware, and Open-Source Imaging Tools for Radiology

(Hands-on Workshop)

Daniel P. Barboriak, MD

Monday, November 30

8:30 AM - 10:00 AM

RC201

No course 201 for chest programming during this time. See multisession course VC21.

RC202

Institutional Models for Training Residents in Business, Information Technology, and Academic Development

A. Business/Management Course for Residents

David M. Yousem, MD

B. Information Technology Training for Residents

Eliot L. Siegel, MD

C. Academic Development Course for Residents

Mary H. Scanlon, MD

RC203 S

Update Course in Diagnostic Radiology: Cardiac—Evaluation of Acute Chest Pain

Jill E. Jacobs, MD, Co-Director
Uwe J. Schoepf, MD, Co-Director
Monvadi B. Srichai, MD
Charles S. White, MD
Robert C. Gilkeson, MD

RC204

Emerging Techniques in Musculoskeletal Imaging

Hollis G. Potter, MD
Sharmila Majumdar, PhD
Bruce M. Damon, PhD

RC205

No course 205 for neuroradiology programming during this time. See multisession course VN21.

RC206

Head and Neck Cancer: Basic Concepts and Landmarks

A. Nasopharynx

Christine M. Glastonbury, MBBS

B. Oral Cavity and Oropharynx

Suresh K. Mukherji, MD

C. Larynx: Piriform Sinus

Hugh D. Curtin, MD

RC207

No course 207 for genitourinary programming during this time. See multisession course VU21.

RC208 S

Easily Missed Findings in Emergency Radiology: Chest and Abdomen (An Interactive Session)

A. Trauma

Kathirkamanathan Shanmuganathan, MD

B. Nontraumatic Emergencies

Stephen Ledbetter, MD

Refresher Courses (continued)

RC209

Categorical Course in Diagnostic Radiology: Gastrointestinal—Small Bowel
(An Interactive Session)

Rendon C. Nelson, MD, Co-Director
Desiree E. Morgan, MD, Co-Director

- A. Techniques for CT and MR Imaging of the Small Bowel
Jeff L. Fidler, MD
- B. Small-Bowel Obstruction and Inflammatory Bowel Disease
Tracy A. Jaffe, MD
- C. Gastrointestinal Bleeding and Small-Bowel Malignancy
Michael Macari, MD
- D. Pitfalls in CT of the Small Bowel
Dean D. Maglinte, MD

RC210

No course 210 for ultrasound programming during this time. See multisession course VG21.

RC211

Improving Your PET Practice: Lessons Learned in Clinical Practice, with Emphasis on Case Studies, Image Correlation, and PET/CT
(An Interactive Session)

Harry Agress, Jr, MD
Paul D. Shreve, MD

RC212

Fast and Reliable CT Angiography: Strategies for Technique Optimization

- A. Acquisition
Eric E. Williamson, MD
- B. Contrast Medium
Justus E. Roos, MD
- C. Postprocessing, Work Flow, and Interpretation
Richard L. Hallett II, MD

RC213

No course 213 for pediatric radiology programming during this time. See multisession course VP21.

RC214

No course 214 for interventional radiology programming during this time. See multisession course VI21.

RC215

Digital Mammography

- A. Equipment and Quality Control
Murray Rebner, MD
- B. How to Incorporate Digital Mammography into Your Practice
Margarita L. Zuley, MD
- C. Future Applications of Digital Mammography
Mark A. Helvie, MD

RC216

Radiology and the Family Physician
(Sponsored by the RSNA Public Information Committee)

Robert W. Bales, MD (representative from AAFP)
Carol M. Rumack, MD

RC217

Oncologic Imaging in the Era of Molecular Medicine

- A. Molecular Imaging Advances in Oncology
Homer A. Macapinlac, MD
- B. Angiogenesis Imaging
Peter L. Choyke, MD
- C. Apoptosis Imaging: Oncologic Imaging Applications
Francis G. Blankenberg, MD

RC218

US in Oncology: Applications and Pitfalls
(An Interactive Session)

Carol B. Benson, MD, Moderator

- A. Thyroid and Neck Masses
Peter M. Doubilet, MD, PhD
- B. Gynecologic Tumors
Carol B. Benson, MD
- C. Musculoskeletal Masses
Ronald S. Adler, MD, PhD

RC221

Update Course in Diagnostic Radiology Physics: Imaging Technologies in Oncology—Imaging Lung Cancer

J. Daniel Bourland, PhD, Co-Director
John D. Hazle, PhD, Co-Director

- A. PET and PET/CT for Lung Cancer Imaging
Paul E. Kinahan, PhD
- B. Four-dimensional CT and PET/CT in Radiation Therapy
Lei Xing
- C. Functional Lung Imaging
Thomas M. Guerrero, MD, PhD

RC222

Imaging Challenges for Radiation Oncology: Respiration-correlated Imaging in Radiation Therapy—What if the Target Is Moving?

Kristy K. Brock, PhD, Director

- A. Limited Information
James M. Balter, PhD
- B. Four-dimensional CT
Sastry Vedam, PhD
- C. Four-dimensional PET
Sasa Mutic, MS

RC223

Minicourse: Computer-assisted Decision Systems in Radiology—The Hope, the Hype, and the Hard Truth: CAD Applications in Breast and Lung Imaging

- A. CAD in Breast Imaging
Mia K. Markey, PhD
- B. CAD in Lung Imaging
Samuel G. Armato III, PhD

RC224

Recent Advances in Neuroradiology, Musculoskeletal, Gastrointestinal, and Gynecologic Radiology: Practical Points and Pitfalls

Ronald L. Eisenberg, MD, JD
Alexander R. Margulis, MD
Hedvig Hricak, MD, PhD
Donald L. Resnick, MD
Richard M. Gore, MD
William P. Dillon, MD

RC225

Categorical Course in Diagnostic Radiology Physics: Advances in Digital Tomosynthesis—From Physics to Clinical Application: Algorithms

James T. Dobbins III, PhD, Co-Director
Martin J. Yaffe, PhD, Co-Director

- A. Matrix Inversion Tomosynthesis
James T. Dobbins III, PhD
- B. Filtered Backprojection for Tomosynthesis
James G. Mainprize, PhD
- C. Iterative Reconstruction for Digital Breast Tomosynthesis
Tao Wu, PhD

RC226

Image Exchange and Distribution (Informatics in Practice)

- A. Profile of XDS-I (Cross-enterprise Document Sharing for Imaging)
Eugene Igras
- B. Practical Applications of XDS-I
Elliot D. Menschik, MD, PhD
- C. Image CD Importation
Bradley J. Erickson, MD, PhD

RC227

How Payment Policy Will Impact Technology Development in the 21st Century: An ACR Interactive Session

(An Interactive Session) (In conjunction with the American College of Radiology)

Maurine Spillman-Dennis, Moderator

Daniel Picus, MD

James V. Rawson, MD

Robert K. Zeman, MD

Geraldine B. McGinty, MD

Bibb Allen, Jr, MD

Richard Duszak, Jr, MD

Christopher G. Ullrich, MD

RC229

Minicourse: Optimize Your Body MR Practice—Recognize That Artifact

(An Interactive Session)

A. Pitfalls: Their Identification and Avoidance

Evan S. Siegelman, MD

B. Artifacts and Their Remedies

Donald G. Mitchell, MD

RC230

Using Information Technology to Improve Quality and Safety (Informatics: Advances)

A. Picking Metrics: You Can't Manage What You Don't Measure

Reuben S. Mezrich, MD, PhD

B. Prospective Quality and Safety Initiatives

Ramin Khorasani, MD

C. Data Mining: Feedback to Altering Practice

Louise I. Schneider, MD

RC232

Update Course in Diagnostic Radiology Physics: CT and MR Imaging—MR-guided Interventional Therapies

Willi A. Kalender, PhD, Co-Director

Edward F. Jackson, PhD, Co-Director

A. Recent Advances in MR-guided Interventional Radiology

Jeffrey L. Duerk, PhD

B. MR-guided Thermal Therapy: Recent Advances and Applications

R. Jason Stafford, PhD, DABR

C. Functional MR Imaging: Recent Advances and Applications in MR-guided Neurosurgery

Edward F. Jackson, PhD

RC250

Intraarterial Acute Ischemic Stroke Therapy (How-to Workshop)

Michael N. Brant-Zawadzki, MD

John D. Barr, MD

RC251

Advanced Vascular Cross-sectional Imaging (How-to Workshop)

Klaus D. Hagspiel, MD

Patrick T. Norton, MD

RC252

US-guided Interventional Breast Procedures (Hands-on Workshop)

Annamaria Wilhelm, MD

Elizabeth R. DePeri, MD

Francesca D. Beaman, MD

Gary J. Whitman, MD

Elsie Levin, MD

Alice S. Rim, MD

Stamatia V. Destounis, MD

Dianne Georgian-Smith, MD

Michelle D. McDonough, MD

Christopher E. Comstock, MD

Richard M. Chesbrough, MD

Paula B. Gordon, MD

Michael N. Linver, MD

Alda F. Cossi, MD

Christine A. Bliven, MD

Albert V. Porambo, MD

John T. Blackwelder, MD

Eren D. Yeh, MD

Christine A. Quinn, MD

Lia Bartella, MD, FRCR

Michael P. McNamara, Jr, MD

RC253

3D Visualization Applications for Gastrointestinal and Genitourinary Imaging (Hands-on Workshop)

Matthew A. Barish, MD

RC254

Data Collection, Organization, and Analysis with Excel and FileMaker (Hands-on Workshop)

Krishna Juluru, MD

John Eng, MD

Tuesday, December 1

8:30 AM - 10:00 AM

RC301

Case-based Review: Interstitial Lung Disease, Pulmonary Infection, and Solitary Pulmonary Nodule

(An Interactive Session)

David A. Lynch, MD

Ann N. Leung, MD

Jeffrey S. Klein, MD

RC302

Current Activities of the Radiology Residency Review Committee

(In conjunction with the Residency Review Committee)

E. Stephen Amis, Jr, MD

Missy Fleming

RC303

Update Course in Diagnostic Radiology: Cardiac—Evaluation of Ischemia with CT, MR, and Nuclear Imaging

Jill E. Jacobs, MD, Co-Director

Uwe J. Schoepf, MD, Co-Director

A. Nuclear Imaging

Dominique Delbeke, MD, PhD

B. MR Imaging

David A. Bluemke, MD, PhD

C. CT Imaging

Joao A. Lima, MD

RC304

Tendon Failure: Anatomy, Pathogenesis, Biomechanics, and MR Imaging with Emphasis on the Shoulder, Elbow, and Ankle

Donald L. Resnick, MD

Christine B. Chung, MD

RC305

Modern Pediatric Neuroimaging

A. Advanced MR Imaging for Pediatric Central Nervous System Disorders

Pratik Mukherjee, MD, PhD

B. Head and Neck

Susan I. Blaser, MD

C. Malformations

A. James Barkovich, MD