

RC451

Starting a 3D Lab in a Community Radiology Practice (How-to Workshop)

Jay Cinnamon, MD
Gordon J. Harris, PhD

RC452

Dynamic Musculoskeletal Ultrasound of the Lower Extremity (Hands-on Workshop)

Etienne Cardinal, MD
Marnix T. van Holsbeeck, MD
Ximena L. Wortsman, MD
J. A. Bouffard, MD
Nathalie J. Bureau, MD
Ruth Y. Ceulemans, MD
Joseph G. Craig, MD
David P. Fessell, MD
Ghiyath Habra, MD
Joseph H. Introcaso, MD
Jon A. Jacobson, MD
Carlo Martinoli, MD
Matthieu Rutten, MD
Viviane Khoury, MD

RC453

3D Visualization Applications for Neuroimaging (Hands-on Workshop)

Gary J. Wendt, MD

RC454

Freeware, Shareware, and Open-Source Imaging Tools for Radiology (Hands-on Workshop)

Daniel P. Barboriak, MD

Wednesday, December 3

8:30 AM – 10:00 AM

RC502

Use of the Audience Response System in Radiology Education (An Interactive Session)

- A. Advantages and Limitations of Using an Audience Response System
Jannette Collins, MD, MEd
- B. Comparing Different Audience Response Systems: Application to Radiology Education
Michael L. Richardson, MD

RC503

Categorical Course in Diagnostic Radiology: Cardiac—Emerging CT Technologies

Jill E. Jacobs, MD, Co-Director
U. Joseph Schoepf, MD, Co-Director

- A. 256-Section CT of the Heart
Martin H. Hoffmann, MD

- B. Cardiac Volume CT with 320 Sections
Marc Dewey, MD

- C. Dual-Source CT of the Heart
U. Joseph Schoepf, MD

- D. New Horizons in Radiation Protection
James P. Earls, MD

RC505

Modern Pediatric Neuroimaging

Pratik Mukherjee, MD, PhD
Orit A. Glenn, MD
A. James Barkovich, MD

RC506

Temporal Bone: A Practical Approach to Common Problems

- A. Evaluation of CPA and IAC Masses
H. R. Harnsberger, MD
- B. Work-up of Pulsatile Tinnitus
Patricia A. Hudgins, MD
- C. Cholesteatoma: Diagnosis and Complications
Richard H. Wiggins III, MD

RC507

Challenges in Diagnosis and Management of the Solid Renal Mass

Mukesh G. Harisinghani, MD
David S. Hartman, MD
Mark A. Rosen, MD, PhD
Srinivasa R. Prasad, MD

RC508

Easily Missed Findings in Emergency Radiology: Extremity Injuries (An Interactive Session)

- A. Upper Extremity
Lee F. Rogers, MD
- B. Lower Extremity
Joseph S. Yu, MD

RC509

Imaging of the Gallbladder and Bile Ducts

- A. Techniques for CT and MR Imaging
Ivan Pedrosa, MD
- B. Anomalies, Stones, and Cholangitis (Acute and Chronic)
Benjamin M. Yeh, MD
- C. Malignant Lesions (Including Gallbladder Carcinoma)
Christine O. Menias, MD



RSNA Refresher Courses (continued)

RC510

Thyroid Sonography: Making Sense Out of a Confusing Topic (An Interactive Session)

J. William Charboneau, MD, Moderator
J. William Charboneau, MD
Carl C. Reading, MD

RC511

Update Course in Diagnostic Radiology: Clinical PET and PET/CT Imaging—PET of Extracranial Head and Neck and Thyroid Cancer

Richard L. Wahl, MD, Director

A. Normal Anatomy and Tumor Detection

Todd M. Blodgett, MD

B. Assessing Treatment Response and Follow-up

Val J. Lowe, MD

C. Thyroid Cancer

Richard L. Wahl, MD

RC512

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

RC513

Pediatric Sports Medicine Symposium

A. Pediatric Basketball Injuries

Ana M. Gaca, MD

B. Pediatric Gymnastics Injuries

Marc S. Keller, MD

C. Pediatric Football Injuries

Daniel J. Podberesky, MD

D. Pediatric Soccer Injuries

Anne Paterson, MD

RC514

Neurointerventional Procedures

Barry T. Katzen, MD
Christopher M. Zylak, MD

RC515

Screening for Breast Cancer

A. Screening Mammography

D. David Dershaw, MD

B. Screening Breast Ultrasound

Wendie A. Berg, MD, PhD

C. Screening Breast MR Imaging

Susan G. Orel, MD

RC516

Patient Safety in Imaging (In Conjunction with the American Association for Women Radiologists)

Lynn A. Fordham, MD, Moderator
Dolores H. Pretorius, MD
Kimberly E. Applegate, MD, MS
Susan M. Ascher, MD

RC517

Interventional Radiology in the Era of Molecular Medicine

A. Molecular Medicine for the Interventionalist: Biomarkers, Genomics, and Proteomics

Jonathan B. Kruskal, MD, PhD

B. Image-guided Tissue Analysis

Michael D. Kuo, MD

C. Focused and Integrated Image-guided Delivery of Molecular Medicines: Clinical Applications and Tools

Bradford J. Wood, MD

RC518

Pitfalls in Oncologic Imaging

A. Central Nervous System

Andrei I. Holodny, MD

B. Chest

Ella A. Kazerooni, MD

C. Abdomen and Pelvis

Ali Shirkhoda, MD

D. Bone and Soft Tissue

David M. Panicek, MD

RC521

Update Course in Diagnostic Radiology Physics: Imaging Technologies in Oncology—Imaging Genitourinary and Prostate Cancer

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

A. Prostate MR Imaging

John Kurhanewicz, PhD

B. Tomosynthesis in Prostate Radiation Therapy

Qing-Rong J. Wu, PhD

C. Multimodality Image Integration

Michael B. Sharpe, PhD

RC522

Minicourse: Image Optimization for Treatment Planning—Brain, Head and Neck, and Extremities

Debra Brinkmann, PhD, Director

A. Brain

John H. Suh, MD

B. Head and Neck

Mark H. Phillips, PhD

C. Extremities

Zhiheng Wang, PhD
Nicole A. Larrier, MD

RC523

Minicourse: Innovations and Advances in Medical Imaging Technology—Innovations and Advances in Ultrasound Imaging Technology

James A. Zagzebski, PhD, Director

A. Advances in 2D Transducer and Data Acquisition Technology

James A. Zagzebski, PhD

B. Advances in B-mode, Doppler, and Harmonic Signal Processing

J. Brian Fowlkes, PhD

C. Innovations and Advances in 3D Technology and Display

Thomas R. Nelson, PhD

RC524 **Osteoporosis: Clinical and Imaging Features**

- A. Pathophysiology and Management
Karl L. Insogna, MD
- B. Dual X-ray Absorptiometric Scan Interpretation
Donald M. Bachman, MD
- C. Quantitative CT
Jean M. Weigert, MD

RC525**Update Course: Diagnostic Radiology Physics—From Invisible to Visible: The Science and Practice of X-ray Imaging and Radiation Dose Optimization**

Donald P. Frush, MD, Co-Director
Kent M. Ogden, PhD, Co-Director

- A. Mammography: Dosimetry
Lawrence N. Rothenberg, PhD
- B. Mammography: Screen-Film
Robert J. Pizzutiello, Jr, MS
- C. Mammography: Digital
Loren T. Niklason, PhD

RC526 **Results and Reporting (Basic Imaging Informatics)**

- A. Dictation Techniques Utilizing Speech Recognition
David L. Weiss, MD
- B. Multimedia Reports
David L. Weiss, MD
- C. Structured Reporting
Curtis P. Langlotz, MD, PhD

RC527**Tracking Radiologist Productivity: Is It Necessary and How Should It Be Done? (An Interactive Session)**

Fred Gaschen, MBA
Stephen Chan, MD
Richard Duszak, Jr, MD

RC530**CAD for the Rest of the Body (Advanced Imaging Informatics)**

- A. Liver and Its Neighbors
Hans-Peter Meinzer, PhD
- B. Brain
Bradley J. Erickson, MD, PhD

RC531**Optimizing Targeted Treatment of Liver Cancers (How-to Workshop)**

Steven C. Rose, MD
Charles W. Nutting, DO
Nishita Kothary, MBBS

RC532**Categorical Course in Diagnostic Radiology Physics: CT and MR Imaging—MR Safety**

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

RC550**MR-guided Breast Biopsy (Hands-on Workshop)**

Michelle D. McDonough, MD
Elizabeth R. DePeri, MD
Annamaria Wilhelm, 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
Peter R. Eby, MD
Petrina A. Causer, MD
Thomas L. Pope, Jr, MD
Francesca D. Beaman, MD
Simone Schradling, MD
W. Phin Evans III, MD
Lisa Broddle, RT
Sandra Brennan, MBBS, MSC
Roberta A. Jong, MD
Janet Davis, RT, R MR

RC551**Body MR Imaging: Current Role and New Ideas (How-to Workshop)**

Richard C. Semelka, MD
Diego R. Martin, MD, PhD
Ersan Altun, MD

RC552**Musculoskeletal Ultrasound with Focus on Peripheral Nerves: Lower Extremity (Hands-on Workshop)**

Carlo Martinoli, MD
J. A. Bouffard, MD
Catherine J. Brandon, MD
Etienne Cardinal, MD
Ruth Y. Ceulemans, MD
Joseph G. Craig, MD
David P. Fessell, MD
Ghiyath Habra, MD
Marina Kislyakova, MD
Joseph H. Introcaso, MD
Jon A. Jacobson, MD
Matthieu Rutten, MD
Marnix T. van Holsbeeck, MD
Ximena L. Wortsman, MD

RC553**3D Visualization Applications for Cardiac Imaging (Hands-on Workshop)**

Udo Hoffmann, MD

RC554**Essential Internet Resources for Decision Support and Learning While You Work (Hands-on Workshop)**

Michael P. D'Alessandro, MD
Jeffrey R. Galvin, MD
James J. Choi, MD