

RC551

Multidetector CT and MR Imaging Evaluation of Congenital Thoracic Disease in the Adult (Noncardiac)

(How-to Workshop)

*Fernando R. Gutierrez, MD
Kristopher W. Cummings, MD
Sanjeev Bhalla, MD*

RC552

Musculoskeletal US with Focus on Peripheral Nerves: The Brachial Plexus

(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
Kenneth S. Lee, MD*

RC553

3D Visualization Applications for Cardiac Imaging

(Hands-on Workshop)

William W. Boonn, MD

RC554

Adobe Flash for Radiologists: A Hands-on Tutorial

(Hands-on Workshop)

Kevin P. Daly, MD

Spencer B. Gay, MD

Thursday, December 3

8:30 AM - 10:00 AM

RC601

Cardiovascular Imaging for the Thoracic Radiologist: Cardiac CT, Cardiac MR Imaging, and Acute Aortic Diseases

(An Interactive Session)

*Charles S. White, MD
Gautham P. Reddy, MD
H. Page McAdams, MD*

RC602

Leadership Training in Radiology

A. How Are Current Leaders Selected?

James H. Thrall, MD

B. How to Be a Good Leader

Stephen R. Baker, MD

C. Radiology Leadership Training: A Vision for the Future

Lawrence R. Muroff, MD

RC603

Update Course in Diagnostic Radiology: Cardiac—New Developments in SPECT and PET of the Heart

*Jill E. Jacobs, MD, Co-Director
Uwe J. Schoepf, MD, Co-Director
Daniel S. Berman, MD
Marcelo F. Di Carli, MD
Markus Schwaiger, MD*

RC604

Unique Musculoskeletal Issues in Children

(An Interactive Session)

*Tal Laor, MD
A. Carl Merrow, MD
Boaz Karmazyn, MD*

RC605

Neuroradiology Film Panel: Gender Show Down

*Robert M. Quencer, MD, Moderator
Matthew T. Walker, MD, Moderator
Lawrence E. Ginsberg, MD
Robert D. Zimmerman, MD
A. Orlando Ortiz, MD, MBA
Christine M. Glastonbury, MBBS
Nancy J. Fischbein, MD
Deborah R. Shatzkes, MD*

RC606

Temporal Bone: A Practical Approach to Common Problems

A. Evaluation of Internal Auditory Canal and Petrous Apex

H. Ric Harnsberger, MD

B. Congenital Ear Problems

Caroline D. Robson, MBChB

C. Temporal Bone Inflammation and Cholesteatoma

Richard H. Wiggins III, MD

RC607

Genitourinary Emergencies: Case-based Approach

(An Interactive Session)

*Syed Zafar H. Jafri, MD
Courtney A. Woodfield, MD
Deborah A. Baumgarten, MD, MPH*

RC608

Spinal Injuries: Stable or Unstable? You Make the Call

A. Craniocervical Region

Frederick A. Mann, MD

B. Lower Cervical Region

O. Clark West, MD

C. Thoracic and Lumbar Regions

Wayne S. Kubal, MD

RC609

Categorical Course in Diagnostic Radiology: Gastrointestinal—Gallbladder and Bile Ducts

(An Interactive Session)

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

A. Techniques for CT and MR Imaging

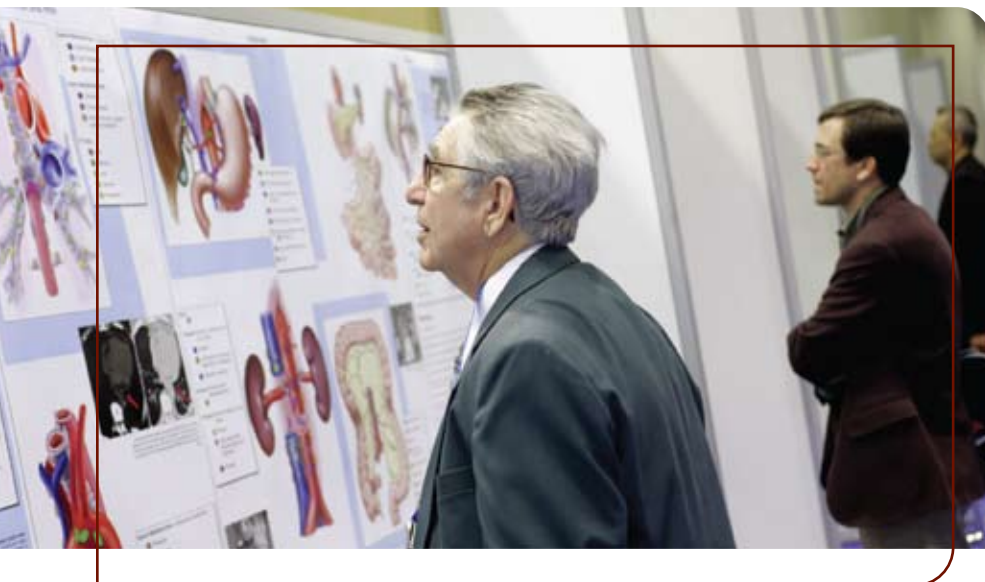
Ivan Pedrosa, MD

B. Anomalies, Stones, and Cholangitis (Acute and Chronic)

Benjamin M. Yeh, MD

C. Malignant Lesions (Including Gallbladder Carcinoma)

Christine O. Menias, MD



Refresher Courses (continued)

RC610

Obstetrics II: US (An Interactive Session)
Clifford S. Levi, MD, Moderator

- A. **Fetal Heart**
Clifford S. Levi, MD
- B. **Fetal Central Nervous System**
Ants Toi, MD
- C. **Fetal Thorax**
Beverly G. Coleman, MD
- D. **Fetal Genitourinary Tract**
Katherine W. Fong, MD

RC611

No course 611 for nuclear medicine programming during this time. See multisession courses CC51 – 54.

RC612

Peripheral Arterial Occlusive Disease: Perspectives on Diagnosis and Treatment

- A. **Spectrum of Disease and Treatment Options**
John H. Rundback, MD
- B. **Imaging Advantages and Trade-offs: CT and MR Imaging**
Carlo Catalano, MD
- C. **Management Decisions from Imaging: What Is Important?**
Barry Stein, MD

RC613

Pediatric Gastrointestinal Imaging

- A. **Imaging of Acute Hepatic Disease**
George A. Taylor, MD
- B. **Imaging in Pediatric Inflammatory Bowel Disease**
Jeannette M. Perez-Rossello, MD
- C. **The Pediatric Pancreas**
Michael J. Callahan, MD

RC614

No course 614 for interventional radiology programming during this time. See multisession course VI51.

RC615

Establishing a High-Quality Breast Center

- A. **Benchmarks and Reporting Issues**
Michael N. Linver, MD
- B. **Economics/Relative Value Units of Breast Imaging**
James P. Borgstede, MD
- C. **Optimization and Centers of Excellence**
Jennifer A. Harvey, MD

RC616

Imaging and Role of Radiation in Gynecologic Malignancies (In conjunction with the American Association for Women Radiologists)
Zhongxing Liao, MD, Moderator

- A. **Staging Gynecologic Malignancies**
Julia R. Fielding, MD
- B. **Role of Imaging in the Treatment of Gynecological Malignancies with Radiation**
Patricia J. Eifel, MD
- C. **Imaging Assessment of Treatment Response in Gynecological Malignancies**
Katarzyna J. Macura, MD, PhD

RC617

Interventional Radiology in the Era of Molecular Medicine

- A. **Image-guided Tissue Analysis**
Michael D. Kuo, MD
- B. **Focused and Integrated Image-guided Delivery of Molecular Medicines: Clinical Applications and Tools**
Bradford J. Wood, MD
- C. **Optical Imaging Applications in Interventional Radiology**
Ching Tung, PhD

RC618

Imaging Evaluation of Multiple Myeloma

- A. **Diagnosis and Staging**
Andrea Baur-Melnyk, PhD
- B. **Assessment of Treatment Response and Complications**
Michael E. Mulligan, MD

RC621

Update Course in Diagnostic Radiology Physics: Imaging Technologies in Oncology—Abdominal Oncologic Imaging

- J. Daniel Bourland, PhD, Co-Director*
John D. Hazle, PhD, Co-Director
- A. **CT and MR in Abdominal Oncologic Imaging**
David J. Vining, MD
 - B. **Imaging in Hyperthermia**
James R. MacFall, PhD
 - C. **Imaging Hypoxia and Cell Proliferation in Vivo**
K. S. C. Chao, MD

RC622

Imaging Challenges for Radiation Oncology: Imaging for Treatment Assessment—Are We Doing Any Good?
Robert Jeraj, Director

- A. **MR Imaging**
Edward F. Jackson, PhD
- B. **CT Imaging**
Katja Langen, PhD
- C. **PET Imaging**
Robert Jeraj

RC623

Minicourse: Innovations and Advances in Medical Imaging Technology—ACR Accreditation of SPECT and PET
G. Donald Frey, PhD, Director

- A. **Introduction to ACR Accreditation of SPECT and PET**
G. Donald Frey, PhD
- B. **Paperwork and Administrative Issues**
Carolyn R. MacFarlane, MS, CNMT, RT(N)
- C. **PET/CT Accreditation**
Peter D. Esser, PhD
- D. **SPECT and SPECT/CT Accreditation**
Michael V. Yester, PhD

RC624

Practical Approach to Optimizing Radiation Dose for Body CT

- A. **Chest and Abdominal Protocols**
Sanjay Saini, MD
- B. **Cardiac Protocols**
James A. Brink, MD
- C. **Neuroradiology Protocols**
Michael H. Lev, MD

RC625

Categorical Course in Diagnostic Radiology Physics: Advances in Digital Tomosynthesis—From Physics to Clinical Application: Other Applications
James T. Dobbins III, PhD, Co-Director
Martin J. Yaffe, PhD, Co-Director

- A. **Skeletal Tomosynthesis Imaging**
Michael J. Flynn, PhD
- B. **Applications of Tomosynthesis for Radiation Therapy Targeting**
Devon J. Godfrey, PhD
- C. **Inverse Geometry Imaging in Tomosynthesis**
Rebecca Fahrig, PhD

RC626

Continuing Medical Education in the Clinical Practice (Informatics in Practice)

- A. Yottalook™: How to Avoid Searching for Content in All of the Wrong Places?
Khan M. Siddiqui, MD
- B. MIRC® Teaching Files: Integration in Practice
Adam E. Flanders, MD
- C. Concept-based Image Retrieval: The GoldMiner® Image Search Engine
Charles E. Kahn, Jr, MD

RC627

Malpractice Minefields in Radiology: Mammography, Interventional Radiology, and Failure to Communicate

Leonard Berlin, MD
Robert A. Schmidt, MD
Robert L. Vogelzang, MD

RC630

Imaging as a Biomarker (Informatics: Advances)

- A. Imaging in Clinical Trials
C. Carl Jaffe, MD
- B. Methods for Quantitative Imaging
Binsheng Zhao, DSc
- C. caBIG® Imaging Work Space
Eliot L. Siegel, MD

RC631

Small Parts Interventional US

(Hands-on Workshop)
William E. Shiels II, DO
Peter L. Cooperberg, MD
Stephen D. Brown, MD
Veronica J. Rooks, MD
John M. Racadio, MD
Michael E. Click, MD
Neil T. Specht, MD
Carlo Martinoli, MD
Mauro Oddone, MD
John D. Lane, MD
Benjamin E. Tubb, MD, PhD
James W. Murakami, MD
Dianne Georgian-Smith, MD
James S. Donaldson, MD

RC632

Update Course in Diagnostic Radiology Physics: CT and MR Imaging—Assessment of Image Quality

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

- A. Image Quality Metrics
John M. Boone, PhD
- B. Artifacts and Their Correction
Jiang Hsieh, PhD
- C. Image Quality in Flat-Panel—Detector CT
Jeffrey H. Siewerdsen, PhD

RC650

Radiofrequency Ablation: Principles, Techniques, Equipment, and Tricks of the Trade (Hands-on Workshop)

John R. Kachura, MD
Steven C. Rose, MD
Stephen B. Solomon, MD
Matthew R. Callstrom, MD, PhD
Kamran Ahrar, MD
Debra A. Gervais, MD
Luigi Solbiati, MD

RC651

Newer Concepts for the Imaging Characterization and Quantification of Chronic Obstructive Pulmonary Disease

(How-to Workshop)
Robert M. Steiner, MD
Jonathan G. Goldin, MBChB, PhD
David A. Lynch, MD

RC652

Dynamic Musculoskeletal US of the Upper 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
Kenneth S. Lee, MD

RC653

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

William W. Boonn, MD

RC654

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



Refresher Courses (continued)

Thursday, December 3

4:30 PM - 6:00 PM

RC701

Case-based Review: Trauma Mediastinum and Pleura

(An Interactive Session)

Eric J. Stern, MD
Phillip M. Boiselle, MD
Gerald F. Abbott, MD

RC702

Radiology Resident and Fellow Recruitment

- A. The Life Cycle of Radiology Resident Recruitment
Janet E. Bailey, MD
- B. Current Trends in Fellowship Recruitment
Felix S. Chew, MD

RC703

Update Course in Diagnostic Radiology: Cardiac—Imaging of Cardiac Physiology: From the Chest Radiograph to CT and MR Imaging

Jill E. Jacobs, MD, Co-Director
Uwe J. Schoepf, MD, Co-Director

- A. Chest Radiography
Laura E. Heyneman, MD
- B. CT Imaging
Christoph R. Becker, MD
- C. MR Imaging
Gautham P. Reddy, MD

RC704

Imaging of Upper Extremity Entrapment Neuropathies

Zehava S. Rosenberg, MD
Jenny T. Bencardino, MD
Carlo Martinoli, MD
John A. Carrino, MD, MPH

RC705

Spine Imaging

- A. Comprehensive Imaging of Spinal Vascular Malformations
Robert W. Hurst, MD
- B. Imaging of Spinal Intradural Processes: Differentiating Neoplasms from Mimics
James G. Smirniotopoulos, MD
- C. High-Resolution 3D MR Imaging of the Spine at 3T: Is It a Reality?
Elias R. Melhem, MD, PhD

RC706

Teeth and Jaws

- A. Basic Anatomy and Implants
James J. Abrahams, MD
- B. Jaw Lesions
Kristine M. Mosier, DMD, PhD
- C. Temporomandibular Joint
Per-Lennart A. Westesson, MD, PhD

RC707

Adrenal Imaging (An Interactive Session)

Giles W. Boland, MD
Gertraud Heinz-Peer, MD
Suzan M. Goldman, MD

RC708

Pediatric Emergency Imaging

- A. Diagnoses You Don't Want to Miss in the Pediatric Emergency Department
Susan D. John, MD
- B. The Acute Abdomen: A Pediatric Perspective—Often a Little Different in Children than in Adults
Leonard E. Swischuk, MD

RC709

Categorical Course in Diagnostic Radiology: Gastrointestinal—Liver I (An Interactive Session)

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

- A. Diffuse Liver Disease: Techniques for CT and MR Imaging
Elmar M. Merkle, MD
- B. Diffuse Liver Disease: Cirrhosis and Portal Hypertension
Claude B. Sirlin, MD
- C. Diffuse Liver Disease: Deposition Disorders
Elmar M. Merkle, MD
- D. Diffuse Liver Disease: Vascular Disorders
Fred T. Lee, Jr, MD

RC710

Some Great Cases I Have Seen: Scrotum, Thyroid, and Gallbladder (An Interactive Session)

- A. Scrotum
Sharlene A. Teefey, MD
- B. Thyroid
Nirvikar Dahiya, MD
- C. Gallbladder
Philip W. Ralls, MD

RC711

No course 711 for nuclear medicine programming during this time.
See multisession courses CC51 - 54.

RC712

CT Angiography and MR Angiography in Planning and Vascular Interventions and Surgery: Advantages and Limitations

- A. Endovascular Treatment of Occlusive Diseases
Daniel Y. Sze, MD, PhD
- B. Endovascular Treatment of Aneurysmal Diseases
Michael D. Dake, MD
- C. Common Surgical Procedures
Robert A. Lookstein, MD



RC713**Pediatric Musculoskeletal Imaging****A. Advanced MR Imaging Techniques in Children***Kirsten Ecklund, MD***B. Hip Impingement Syndromes in Children***Sarah D. Bixby, MD***C. MR Imaging Findings Unique to the Pediatric Knee***Tal Laor, MD***RC714****Updates in Dialysis Access***Karim Valji, MD**Brian S. Funaki, MD***RC715****Breast US****A. Equipment and Technique***Paula B. Gordon, MD***B. BIRADS in Interpretation of Breast Ultrasound***Jay A. Baker, MD***C. Elastography***Anthony T. Stavros, MD***RC717****Genitourinary Imaging in the Era of Molecular Medicine****A. PET Imaging of the Prostate***Heiko Schoder, MD***B. Dynamic Contrast-enhanced MR Imaging of Kidney Cancer in Angiogenic Inhibitor Trials***Mark A. Rosen, MD, PhD***C. Molecular Imaging of Ovarian Cancer***Peter L. Choyke, MD***RC718****Imaging of Complications of Cancer and Its Therapy: Abdominal and Pelvic Complications****A. Bowel Complications***Marc J. Gollub, MD***B. Hepatic Complications***Mitchell E. Tublin, MD***C. Other Abdominopelvic Complications***Revathy B. Iyer, MD***RC721****Update Course in Diagnostic Radiology Physics: Imaging Technologies in Oncology—Heat and Hypoxia***J. Daniel Bourland, PhD, Co-Director**John D. Hazle, PhD, Co-Director***A. Imaging-guided Thermal Therapy***Clare M. Tempany-Afdhal, MD***B. Imaging-guided Interventions and Surgery***John D. Hazle, PhD***RC722****Imaging Challenges for Radiation Oncology: Imaging for Clinical Trials in Radiation Therapy***Robert Jeraj, Director***A. Physics Practice Standards for Clinical Trials***Jean M. Moran, PhD***B. The Use of Imaging in Clinical Trials***Mark Oldham, PhD***RC723****Minicourse: Innovations and Advances in Medical Imaging Technology—Parallel Imaging in MR Imaging***Nathan Yanasak, PhD, Director***A. Preliminary Data from AAPM Task Group 118: Technology, Applications, and Quality Control of MR Parallel Imaging***Nathan Yanasak, PhD***B. The Future of Parallel Imaging***Lawrence Wald, PhD***RC724****Yoga for the Stressed Radiologist***Dania F. Tamimi, BDS, DMSc***RC725****Categorical Course in Diagnostic Radiology Physics: Advances in Digital Tomosynthesis—From Physics to Clinical Application: CAD with Tomosynthesis***James T. Dobbins III, PhD, Co-Director**Martin J. Yaffe, PhD, Co-Director***A. CAD in Breast Tomosynthesis***Heang-Ping Chan, PhD***B. Computerized Detection of Lung Nodules on Chest Tomosynthesis***Qiang Li, PhD***C. Optimizing the Reading of Digital Breast Tomosynthesis Examinations***Roberta A. Jong, MD***RC726** **Results and Reporting (Informatics in Practice)****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***RC727****Increasing Imaging Utilization: Issues, Impact, Responses by Payers and the Government, and Suggestions for Health Care Providers***Jonathan W. Berlin, MD**David C. Levin, MD**Vijay M. Rao, MD***RC730****IT Management for Radiologists (Informatics: Advances)***Paul G. Nagy, PhD, Moderator***A. Dilbert Lives Here: Understanding Your IT Organization***Christopher D. Meenan, MS***B. Keeping the Peace Between the Radiologist and IT***Keith Skaer***C. What Were They Thinking? How a Radiologist Can Communicate Effectively with IT***David S. Channin, MD***RC731****Common Spinal Injection Procedures for Diagnosis and Treatment of Back Pain (Hands-on Workshop)***A. Orlando Ortiz, MD, MBA**John M. Mathis, MD, MSc**Chi-Shing Zee, MD**Stanley Golovac, MD**Gregg H. Zoarski, MD*

Refresher Courses (continued)

RC732

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

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

- A. Technical Dose Measures: CT Dose Index and Beyond
Yiannis Kyriakou, PhD
- B. Dose Assessments in Clinical Practice: What's Typical? What's Too Much?
Cynthia H. McCollough, PhD
- C. Optimization Efforts to Reduce Dose Further
Willi A. Kalender, PhD

RC750

Hysterosalpingography and Selective Salpingography (Hands-on Workshop)

David M. Hovsepian, MD
Amy S. Thurmond, MD
Antoine J. Maubon, MD
Jean Pierre Rouanet De Lavit, MD
Lindsay S. Machan, MD
Ronald J. Zagoria, MD
James C. Bass, MD
Arl Van Moore, Jr, MD

RC751

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

Jay Cinnamon, MD
Gordon J. Harris, PhD

RC752

Doppler US: Visceral and Extremity Applications (Hands-on Workshop)

Mark E. Lockhart, MD
Susan L. Voci, MD
M. Robert DeJong, RDMS, RVT
Vikram S. Dogra, MD
Katherine W. Fong, MD
Ulrike M. Hamper, MD, MBA
Shweta Bhatt, MBBS
Mani Montazemi, RDMS
Michelle L. Robbin, MD
Deborah J. Rubens, MD
Leslie M. Scoutt, MD
Sharon Balzarini, RDMS, RVT
Michael D. Beland, MD
Edward G. Grant, MD

RC753

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

Gary J. Wendt, MD

RC754

Adobe Flash for Radiologists: A Hands-on Tutorial (Hands-on Workshop)

Kevin P. Daly, MD
Spencer B. Gay, MD

Friday, December 4

8:30 AM - 10:00 AM

RC801

Pulmonary Infections: Tuberculosis, Community-acquired Pneumonia, and Immune-suppressed Hosts

(An Interactive Session)
Melissa L. Rosado de Christenson, MD
Tomas C. Franquet, MD
Joel E. Fishman, MD, PhD

RC802

Models and Methods for Effective and Efficient Medical Imaging: Science and Technology Education

Perry Sprawls, Jr, PhD
Debra L. Monticciolo, MD
E. Russell Ritenour, PhD

RC803

Update Course in Diagnostic Radiology: Cardiac—Read Cases with the Experts

(An Interactive Session)
Jill E. Jacobs, MD, Co-Director
Uwe J. Schoepf, MD, Co-Director
Ricardo C. Cury, MD
Lynne M. Hurwitz, MD
Smita Patel, MBBS
Robert M. Steiner, MD

RC804

Current Topics in Hip Imaging

Christian W. Pfirrmann, MD
Suzanne E. Anderson, BMedSc
Stephen J. Eustace, MD

RC805

Advanced Neurovascular MR Angiography

- A. Techniques: Pulse Sequences
Timothy J. Carroll, PhD
- B. Carotid MR Angiography/Plaque Imaging
J. K. DeMarco, MD
- C. Intracranial/Time-resolved MR Angiography
Patrick A. Turski, MD

RC806

Imaging of the Neck (An Interactive Session)

- A. Suprahyoid Neck
Wendy R. Smoker, MD
- B. Infrahyoid Neck
Deborah L. Reede, MD

RC807

Adnexal Imaging: Case-based Approach (An Interactive Session)

Sheila Sheth, MD
Aliya Qayyum, MD
Leslie M. Scoutt, MD

RC808

Situation: Critical

- A. Mass Casualty Incidents: Challenges for Emergency Radiology
Markus Koerner, MD
- B. Combat Trauma Imaging
Les R. Folio, DO
- C. Managing the London Bombings
Niall Power, MRCPI, FRCR

RC809

Categorical Course in Diagnostic Radiology: Gastrointestinal—Liver II

(An Interactive Session)
Rendon C. Nelson, MD, Co-Director
Desiree E. Morgan, MD, Co-Director

- A. Focal Liver Lesions: Techniques for CT and MR Imaging
Rendon C. Nelson, MD
- B. Focal Liver Lesions in the Noncirrhotic Liver
Erik K. Paulson, MD
- C. Focal Liver Lesions in the Cirrhotic Liver
Michael P. Federle, MD

RC810

Doppler US (An Interactive Session)

- John S. Pellerito, MD, Moderator
- A. Carotid Doppler US
John S. Pellerito, MD
 - B. Abdominal Doppler US: Useful or Not?
Anne R. Buckley, MBBSCh
 - C. Deep Venous Thrombosis: The Role of US
Michelle L. Robbin, MD

RC811

Advances in Cardiac Nuclear Imaging: SPECT/CT and PET/CT

E. Gordon DePuey, MD
Frank M. Bengel, MD

RC812

Practical Pediatric Vascular Imaging (An Interactive Session)

- A. US Imaging
Brian D. Coley, MD
- B. CT Imaging
Marilyn J. Siegel, MD
- C. MR Imaging
Francis P. Chan, MD, PhD