RSNA Education Resources 2007-2008

RSNA is committed to providing the very best in educational materials in the radiologic subspecialties. Our broad selection of educational content is expressly designed to support lifelong learning and self-assessment.
ABDOMINAL IMAGING

Categorical Course in Diagnostic Radiology: Genitourinary—Adrenal, Retroperitoneum, and Transplant Evaluation
Item # RSP1606 NEW
Evan S. Siegelman, MD; Susan Hilton, MD; Nicholas Papanicolaou, MD; Myron A. Pozniak, MD

The imaging features of the commonly encountered adrenal gland and retroperitoneal lesions are identified, as well as the role of imaging in the evaluation of the transplanted kidney. Includes a discussion of the anatomic origin/location and relationship to adjacent spaces of focal and diffuse retroperitoneal pathology.

AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CT, GU, MR, OI

Imaging of Pancreatic Neoplasms: Optimal CT and MR Techniques
Item # RSP2206 NEW
Desiree E. Morgan, MD

Understand the factors that affect contrast and scanning modifications necessary for MDCT, as well as those that affect contrast timing and data acquisition during MR imaging of the pancreas.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CT, GI, MR, OI

Imaging of Pancreatic Neoplasms: Staging Pancreatic Adenocarcinoma
Item # RSP2906 NEW
Joel G. Fletcher, MD

Along with reviewing the typical and atypical imaging appearance of pancreatic tumors, this course looks at the common mimics of pancreatic tumors. A discussion of the AJCC staging criteria of pancreatic tumors is included.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CT, GI, MR, OI

From Safety to Protocol Design: Optimize Your Pelvis MR Imaging Protocols
Item # RSP2506 NEW
Masoom A. Haider, MD

This course offers a clear description of a core MR imaging protocol for the pelvis. Methods for reducing artifacts in pelvic MR imaging are discussed, as well as protocol refinements for specific pelvic MR imaging indications.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: GI, GU, MR, PH, QA

CT of Bowel Obstruction and Ischemia
Item # RSP2704
Pablo R. Ros, MD, MPH; Michael P. Federle, MD

AMA PRA Category 1 Credits™
Available: 1.5
Content Codes: GI, CT

HEAD AND NECK IMAGING

Thyroid Nodules and Cancer: Clinical Evaluation of Nodules
Item # RSP1106 NEW
Susan Mandel, MD

Includes a clear description of the role of sonography in the detection and characterization of thyroid nodules. A review of the epidemiology of thyroid nodules and thyroid carcinoma leads to discussion of the recommendations for thyroid fine needle aspiration biopsy.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: RO, US, HN, OI

Thyroid Nodules and Cancer: Indications for Ultrasound and Fine Needle Aspiration
Item # RSP1206 NEW
Jill E. Langer, MD

With a focus on the sonographic imaging features of thyroid nodules that carry increased risk of malignancy, this course includes a practical discussion of the use of thyroid fine needle aspiration biopsy.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: RO, US, HN, OI

Thyroid Nodules and Cancer: Role of CT and MR in Evaluating Thyroid Cancer
Item # RSP1306 NEW
Laurie A. Loevner, MD

This is a thorough discussion of the role of cross-sectional imaging in the detection and treatment of metastatic thyroid carcinoma. The focus is on describing the CT and MR imaging features of thyroid nodules.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CT, MR, RO, HN, OI

Improving Your Practice of US: Abdominal Doppler—Useful or Not?
Item # RSP1305
Anne R. Buckley, MBCh

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: GI, US, QA

CT Colonography: Practical Applications for Your Practice
Item # RSP2204
Elizabeth G. McFarland, MD; Michael Macari, MD

AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: GI, CT
The Skull Base: Cranial Nerves—Orbit, Optic Pathways, and Vision Loss

Item # RSP1906 NEW
Jane L. Weissman, MD
See how to apply imaging techniques to solve clinical questions about the orbits and vision, especially involving cranial nerves II, III, IV, and VI. This course will help to recognize pathology and normal appearance of these structures and others on CT and MR imaging.
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CT, MR, NR, HN

Head and Neck Cancer

Item # RSP1604
Peter M. Som, MD; Daniel W. Williams, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: HN, RO

Essentials of Brain MR

Item # RSP1904
James G. Smirniotopoulos, MD; Howard A. Rowley, MD; Robert D. Zimmerman, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: NR, MR

Head and Neck: Pitfalls and Imaging Applications

Item # RSP2304
Lawrence E. Ginsberg, MD; Robert B. Lufkin, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: HN, CT, MR, NM

Comprehensive Imaging for Acute Stroke Treatment

Item # RSP2804
Howard A. Rowley, MD; Vincent P. Mathews, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Code: NR

Sinonasal Imaging: Nasal Obstruction and Sinonasal Masses

Item # RSP2706 NEW
C. Douglas Phillips, MD
Look at the current imaging techniques available for evaluating nasal masses. With a description of congenital, infectious/inflammatory, and neoplastic lesions that present as nasal masses, understand the imaging features of a variety of nasal masses.
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: NR, HN

MDCT of Facial Trauma

Item # RSP2806 NEW
Robert A. Novelline, MD
This course describes the indications and optimal protocols for the MDCT examination of patients with suspected facial fractures. CT imaging findings of a variety of common and uncommon facial injuries are described.
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CT, ER, HN

Ear, Nose, and Throat-related Emergencies: Maxillofacial and Orbital Trauma

Item # RSP1905
Alisa D. Gean, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: HN, NR, ER

Ear, Nose, and Throat-related Emergencies: Intracranial Complications of Sinusitis and O tomassioiditis

Item # RSP2005
Christine M. Glastonbury, MBBS
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: HN, NR, ER

Categorical Course in Diagnostic Radiology: Emergency Radiology—Imaging of Spine Trauma

Item # RSP2404
C. Craig Blackmore, MD, MPH; Friedrich M. Lomoschitz, MD
AMA PRA Category 1 Credits™
Available: 1.25
Content Codes: MK, NR, ER

Imaging of Spinal Trauma and Spinal Cord Injury

Item # RSP2604
Adam E. Flanders, MD; John A. Carrino, MD; William B. Morrison, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: MK, NR, ER

MUSCULOSKELETAL IMAGING

The Elbow: Sports Imaging

Item # RSP2306 NEW
Theodore T. Miller, MD
This course features a special emphasis on identifying MR imaging manifestations of sports injuries of the elbow, including those of ligament and tendon. Along with a review of the osseous and soft tissue anatomy of the elbow, it includes techniques for optimizing MR imaging protocols for studying diseases of the elbow.
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: MK, MR

Update Course in Diagnostic Radiology: Musculoskeletal Imaging: Exploring New Limits—Musculoskeletal Imaging with Multidetector Row CT

Item #: RSP2104
Georges Y. El-Khoury, MD; Diego B. Nunez, Jr, MD, MPH; Joshua M. Farber, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: MK, CT

Update Course in Diagnostic Radiology: Musculoskeletal Imaging: Exploring New Limits—Musculoskeletal Imaging with Multidetector Row CT Enhanced

Item #: RSP2006 NEW
James F. Gruden, MD; Reginald F. Munden, DMD, MD
With a focus on the value of fused imaging compared to standard CT or PET imaging, this is in part a discussion of the future direction of PET/CT imaging of the thorax. Also included is a review of important indications for thoracic PET/CT.
AMA PRA Category 1 Credits™
Available: 1.00
Content Codes: CH, CT, NM

THORACIC IMAGING

New Thoracic Imaging Technologies: 64-Slice Multidetector CT and PET/CT Enhanced

Item #: RSP2006 NEW
James F. Gruden, MD; Reginald F. Munden, DMD, MD
With a focus on the value of fused imaging compared to standard CT or PET imaging, this is in part a discussion of the future direction of PET/CT imaging of the thorax. Also included is a review of important indications for thoracic PET/CT.
AMA PRA Category 1 Credits™
Available: 1.00
Content Codes: CH, CT, NM
WOMEN’S IMAGING

Categorical Course in Diagnostic Radiology: Genitourinary—Benign Disease in the Female Pelvis

Item # RSP1806 NEW
Jill E. Langer, MD; Julia R. Fielding, MD
This course begins with a review of the indications for imaging the pelvic floor. It continues with a discussion of the MR protocol for imaging the pelvic floor. Important descriptions of the sonographic and cross-sectional imaging appearance of common conditions that cause acute pain in the female pelvis are included.

AMA PRA Category 1 Credits™
Available: 1.00
Content Codes: ER, GU, MR, OB, US

Categorical Course in Diagnostic Radiology: Breast Imaging—Breast MR: Staging and Assessment of Treatment

Item # RSP1805
Robyn L. Birdwell, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: BR, MO, OR, RO

Breast Imaging—Digital Mammography: Principles, Equipment, Technique, and Clinical Results

Item # RSP2105
Carl J. D’Orsi, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: BR, MO

Update Course: Advances in Digital Radiography—Digital Radiographic Advanced Image Processing: Computer-aided Diagnosis Methods for Lung Cancer

Item # RSP3205
Kunio Doi, PhD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: CH, PH

Imaging of Pulmonary Vascular Disease

Item # RSP1304
Martine J. Remy-Jardin, MD; John R. Mayo, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CH, VI

Lung Cancer Screening and Staging

Item # RSP1404
Philip Costello, MD; Francine L. Jacobson, M.D, MPH; James G. Ravenel, M.D
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CH, CT, HP

Categorical Course in Diagnostic Radiology: Breast Imaging—Current Status of MRI in Screening for Breast Cancer

Item # RSP3005
Carol H. Lee, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: BR, MR, OR, RO

Categorical Course in Diagnostic Radiology: Breast Imaging—Proficiency in Digital Mammography: Interpretive Skills, Computer-aided Detection, and Double Reading

Item # RSP3105
Linda Warren-Burhenne, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: BR, MO

Other Practice Considerations

Important Issues in Radiology Practice and Management: Governance and Service Metrics

Item # RSP1506 NEW
Lawrence R. Muroff, MD, Patricia L. Riskind, MBA
This course is a practical approach to important practice management issues including developing suitable contracts and governance structure, optimizing efficiency, and development of practice policies and protocols.

AMA PRA Category 1 Credits™
Available: 1.25
Content Codes: HP, MA

Ethical Considerations in Radiology: The Meaning of Professionalism

Item # RSP2406 NEW
Howard Mann, MD
A review of medicine’s recognition as a profession provides a unique look at professionalism and the privileges and obligations of practicing physicians.

AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: ED, PR
Funding Opportunities at NIH and NCI

Item # RSP1005
Daniel C. Sullivan, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: MI, NM, HP

Design Considerations for the Digital Department: A Hospital Architect’s Perspective

Item # RSP1605
Bill Rostenberg, FAIA, FACHA
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: MA, OT

SPECIAL INTEREST

Angiomatous Lesions: From Head to Toe

Item # RSP1006 NEW
Mark D. Murphey, MD; Jeffrey R. Galvin, MD; Ellen M. Chung, MD; Kelly K. Koeller, MD; Angela D. Levy, MD
This course defines the characteristic imaging patterns of angiomatous lesions. Included is a discussion of management of these lesions based on their clinical and pathologic features.
AMA PRA Category 1 Credits™
Available: 1.75
Content Code: GN

Obtaining Approval for Clinical Use of Molecular Imaging Probes

Item # RSP1105
John Hoffman, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: MI, NM, HP

Improving Your Practice of US: Ultrasound Determination of Significant Carotid Stenosis

Item # RSP1205
Edward G. Grant, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: US, VI, QA

Imaging Modalities and Instrumentation: Optical Imaging

Item # RSP1505
Brad Rice, PhD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: MI, NM

Principles of Cancer Screening

Item # RSP1705
William C. Black, MD
AMA PRA Category 1 Credits™
Available: 0.75
Content Codes: OI, RO

Molecular Biology for Radiologists: An Introduction and Overview

Item # RSP2605
Martin G. Pomper, MD, PhD
AMA PRA Category 1 Credits™
Available: 1.00
Content Code: MI

Lymphoma from Head to Toe

Item # RSP2905
Angela D. Levy, MD; Jeffrey R. Galvin, MD; Paula J. Woodward, MD; Mark D. Murphey, MD; Ellen M. Chung, MD; Kelly K. Koeller, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: RO, GN

Improving Your PET Practice: Lessons Learned in Clinical Practice

Item # RSP1104
Harry Agress, Jr, MD; Paul D. Shreve, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CT, NM, HP

Update Minicourse on CT Physics and Technology: Principles of Single-Slice and Multislice CT

Item # RSP1204
Lee W. Goldman, MS
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CT, PH

Multidetector CT in Pediatrics

Item # RSP1504
Marilyn J. Siegel, MD; Donald P. Frush, MD; Alan S. Brody, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Codes: CT, PD

Essentials of Pediatric Imaging

Item # RSP2004
Tal Laor, MD; Carlos J. Sivit, MD; Randy R. Richardson, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Code: PD

Ischemia: From Head to Toe

Item # RSP2504
Jeffrey R. Galvin, MD; Angela D. Levy, MD; Paula J. Woodward, MD; Geoffrey A. Agrons, MD; Mark D. Murphey, MD
AMA PRA Category 1 Credits™
Available: 1.75
Content Code: VI

CME programs are available in the following formats:

<table>
<thead>
<tr>
<th></th>
<th>Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online:</td>
<td>Free</td>
<td>Not Available*</td>
</tr>
<tr>
<td></td>
<td>$55</td>
<td>$80</td>
</tr>
</tbody>
</table>

* Non-members have access to view any refresher course program online but are restricted from accessing the accompanying CME test.

For specific learning objectives, more information or to order, go to RSNA.org/education/catalog (24 hours) or call 1-800-272-2920 (8:30 AM–4:30 PM CT).
2007 SYLLABUS
2007 Categorical Course in Diagnostic Radiology: Clinical PET and PET/CT Imaging

Item # SS0701 (Available after 11/25/07)
Richard L. Wahl, MD
AMA PRA Category 1 Credits™ Available

Topics Include:
- PET Basics and Imaging Protocols
- PET for Movement Disorders, Cerebrovascular Disease, and Epilepsy
- National Oncologic PET Registry
- Clinical Cardiac PET/CT
- Emerging PET Applications

Member Non-Member
Print/CD Syllabus: $85 $110
CD-ROM Only: $45 $60
Online PDF: $45 $60

2006 SYLLABI

2006 Categorical Course in Diagnostic Radiology: Genitourinary Radiology

Item # SS0601
Parvati Ramchandani, MD
AMA PRA Category 1 Credits™ Available

Topics Include:
- CT and MR Urography
- Imaging Uterine and Cervical Malignancy
- Acute Scrotal Pain: Imaging Evaluation for a More Specific Diagnosis
- Imaging Evaluation of Renal Transplants
- Medical-Legal Issues in Genitourinary Imaging

Member Non-Member
Print/CD Syllabus: $85 $110
CD-ROM Only: $45 $60
Online PDF: $45 $60

2006 Categorical Course in Diagnostic Radiology Physics: From Invisible to the Visible—The Science and Practice of X-ray Imaging and Radiation Dose Optimization

Item # SS0602
Donald P. Frush, MD; Walter Huda, PhD

Topics Include:
- Measures of Image Quality
- Radiation Risk in Diagnostic Radiology
- Clinical Practice: Controlling Adult and Pediatric Radiation Dose and Study Quality
- Special Procedures (Angiography): Dose and Image Quality in Clinical Practice
- Mammography: Dosimetry, Screen-Film, Digital

Member Non-Member
Print/CD Syllabus: $75 $100
CD-ROM Only: $45 $60
Online PDF: $45 $60

2005 SYLLABI

2005 Categorical Course in Diagnostic Radiology: Breast Imaging

Item # SS0501
Stephen A. Feig, MD
AMA PRA Category 1 Credits™ Available

Topics Include:
- Mammography, Digital Mammography, and Mammography-guided Biopsy
- Breast Ultrasound: Reference and Interpretation
- MR Imaging of the Breast
- Clinical Practice Issues for Breast Imagers

Member Non-Member
Print/CD Syllabus: $85 $110
CD-ROM Only: $45 $60
Online PDF: $45 $60

2005 Categorical Course in Diagnostic Radiology Physics: Multidimensional Imaging Processing, Analysis, and Display

Item # SS0502
Samuel G. Armato III, PhD; Matthew S. Brown, PhD

Topics Include:
- Three-dimensional Image Processing, Analysis, and Visualization
- Sinogram and k-space Data, Preprocessing for Artifact Reduction
- Three- and Four-dimensional Image Registration
- Computer-aided Diagnosis in Cardiothoracic, Breast, and Abdominal Neuroradiology

Member Non-Member
Print/CD Syllabus: $75 $100
CD-ROM Only: $45 $60
Online PDF: $45 $60
2004 SYLLABI

2004 Categorical Course in Diagnostic Radiology Physics: Advances in Breast Imaging: Physics, Technology, and Clinical Applications

Item # SS0401
Andrew Karellas, PhD; Maryellen L. Giger, PhD

Topics Include:
• Breast Disease: Anatomy, Pathology, and Diagnosis
• Screening Mammography Issues and Controversies
• Computer-aided Diagnosis for Screening Mammography
• Physics and Technical Aspects of Breast Imaging

2003 SYLLABI

2003 Categorical Course in Diagnostic Radiology: Musculoskeletal Imaging—Exploring New Limits

Item # SS0301
Kenneth A. Buckwalter, MD; Mark J. Kransdorf, MD

Topics Include:
• Sports Injury and Intervention
• MR Imaging of Shoulder Instability
• Multidetector Row CT in a Busy Orthopedic Practice
• Lumbar Spine Anatomy for the Interventionalist
• Tendon Abnormalities in the Ankle: An Update

2004 Categorical Course in Diagnostic Radiology: Emergency Radiology

Item # SS0402
Fredrick A. Mann, MD

Topics Include:
• The Emergence of Emergency Radiology
• Imaging of Blunt Chest Trauma
• Imaging the Pediatric Patient with Acute Abdominal Disease
• Imaging Spine Injury in the Elderly
• Imaging of Upper Extremity Injuries in Children

Content Codes for CME Categories:
CME codes are assigned in the following order: organ system, modality, and other practice considerations. Up to three CME codes of each subtype are allowed, listed alphabetically based upon the abbreviation within the subtype (ie, 01, 02, 03, M1, M2, M3, OT1, OT2, OT3).

BR Breast
CA Cardiac Radiology
CH Chest Radiology
CT Computed Tomography
ED Education
ER Emergency Radiology
GI Gastrointestinal Radiology
GN General
GU Genitourinary Radiology
HN Head and Neck
HP Health Policy
IN Informatics
MA Management
MI Molecular Imaging
MK Musculoskeletal Radiology
MO Mammography
MR Magnetic Resonance Imaging
NM Nuclear Medicine
NR Neuroradiology
OB Obstetric/Gynecologic Radiology
OI Oncologic Imaging
OT Other
PD Pediatric Radiology
PH Physics and Basic Science
PR Professionalism
QA Quality Assurance/Quality Improvement
RO Radiation Oncology
RS Research and Statistical Methods
US Ultrasound
VI Vascular and/or Interventional Radiology
Visit the RSNA Education Portal at RSNA.org/Education

- InteractED®
  Online education resource offering over 300 peer-reviewed programs
- Self-Assessment Modules (SAMs)
  Peer-reviewed self-assessment materials in a variety of subspecialty areas
- RSNA CME Credit Repository
  Store and print your CME credits
- Education Center Store
  Search and purchase RSNA education resources online

To order CME programs or syllabi listed in this brochure:
- Use the order form below
- Order online at RSNA.org/education/catalog (24 hours)
- Call us at 1-800-272-2920 (8:30 AM–4:30 PM CT).

---

**Education Resources Order Form**

**Mail your form or fax it to 1-630-590-7710**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address 1</td>
</tr>
<tr>
<td>Address 2</td>
</tr>
<tr>
<td>City</td>
</tr>
<tr>
<td>State/Province</td>
</tr>
<tr>
<td>Zip/Postal Code</td>
</tr>
<tr>
<td>RSNA Member ❑ Non-Member ❑</td>
</tr>
<tr>
<td>RSNA Member #</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Fax</td>
</tr>
<tr>
<td>E-mail</td>
</tr>
</tbody>
</table>

**Payment Information**

- Payment by Check (make check payable to RSNA) RSNA does not accept purchase orders.
- Payment by Credit Card:
  - VISA ❑ MasterCard ❑ Discover ❑ American Express ❑ Diners Club

<table>
<thead>
<tr>
<th>Item #</th>
<th>Format</th>
<th>Price</th>
</tr>
</thead>
</table>

All orders must be prepaid by credit card or a check drawn on US bank in US dollars. RSNA does not accept purchase orders.

<table>
<thead>
<tr>
<th>Subtotal</th>
<th>Shipping &amp; Handling</th>
<th>Total</th>
</tr>
</thead>
</table>

All orders must be prepaid by credit card or a check drawn on US bank in US dollars. RSNA does not accept purchase orders.


**Shipping**

<table>
<thead>
<tr>
<th>Shipping</th>
<th>Under $120</th>
<th>$121-250</th>
<th>Over $250</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States, Mexico, Canada</td>
<td>$10</td>
<td>$15</td>
<td>$25</td>
</tr>
<tr>
<td>Europe, Africa, South America</td>
<td>$15</td>
<td>$25</td>
<td>$35</td>
</tr>
<tr>
<td>Pacific Rim, Asia</td>
<td>$20</td>
<td>$30</td>
<td>$40</td>
</tr>
</tbody>
</table>

Printed on 10% recycled paper