



Guide to
BIDMC Radiology
Scientific Sessions,
Courses and Exhibits



Radiological Society of North America 94th Scientific Assembly and Annual Meeting November 29th - December 4th, 2009 McCormick Place, Chicago, Illinois

Sunday, November 29, 2009	
SSA04-02 10:55-11:05 AM S404CD	Alexander Bankier, Phillip Boiselle, Long Ngo, Denis Tack. Dose Reduction in Thoracic CT: A Global Survey.
SSA08-02 10:55-11:05 AM E353A	Bettina Siewert, C. Daniel Johnson, Benjamin Herman, Constantine Gatsonis, Ilana Gareen, David Vanness. Patient Acceptance and Tolerance of CT Colonography versus Optical Colonoscopy during the National ACRIN CT Colonography Trial.
LL-BR5204-B 12:30-1:30 PM Lakeside Center	Valerie Fein-Zachary, Priscilla Slanetz, Ferris Hall. Missed Breast Cancers: Learning from the Mistakes of Others.
RC106A 2:00-3:30 PM S404AB	Emergency Ear, Nose, and Throat Trauma and infections (An Interactive Session) <b>Gul Moonis</b> , faculty. Head and Neck Infection and Inflammation.
PS40 4:00 - 5:45 PM Arie Crown Theater	Image Interpretation Session (Plenary Session) George Taylor, Kenneth Buckwalter, <b>Jonathan Kruskal</b> , Desiree Morgan, Susan John, Norman Beauchamp, George Bisset, Philip Costello, William Yuh, Thomas Berquist, Robert Tarver.

Monday, November 30, 2009	
RC224 8:30-10:00 AM N226	Recent Advances in Neuroradiology, Musculoskeletal, Gastrointestinal, and Gynecologic Radiology: Practical Points and Pitfalls. <b>Ronald Eisenberg</b> , Donald Resnick, Richard Gore, Alexander Margulis, Hedvig Hricak, William Dillon, faculty.
VP21 8:30 AM - 12:00 PM N230	Pediatric Series: Fetal Imaging. <b>Deborah Levine</b> , Richard Barth, Dorothy Isabella Bulas, presiding.
VP21-01 8:30-8:50 AM N230	<b>Deborah Levine</b> . MR Imaging of the Fetal Central Nervous System.
SSC01-04 11:00-11:10 AM S502AB	Girish Tyagi, Melvin Clouse, Sheryar Sarwar, Atif Khan, Faisal Khosa, Marc Camacho. Segmental Accuracy of an Automated Analyzer of Coronary CT Angiography (CCTA) in ED Patients: Initial Experience.

Monday, November 30, 2009 (cont'd)		
VC21-13 11:10-11:25 AM S103CD	<b>Diana Litmanovich</b> . Pulmonary Embolism in Pregnancy: Current Concepts and Controversies.	
SSC03-08 11:40-11:50AM S504AB	<u>Faisal Khosa</u> , <b>Neil Rofsky</b> , Daniel Costa, Benjamin Romney, <b>Warren Manning</b> . Prevalence and Significance of Noncardiac Findings on Clinical Cardiovascular Magnetic Resonance Imaging.	
SSC12-09 11:50 AM -12:00 PM N226	Fargol Booya, <b>David Hackney, David Alsop</b> . ASL MR Perfusion Is Highly Accurate in Distinguishing Recurrent Tumor from Radiation Necrosis.	
LL-ER2094-D01 12:15-1:15 PM Lakeside Center	Nagamani Peri, Efstathios Papavassiliou, Rafael Rojas, Rafeeque Bhadelia. MRI of Acute Odontoid Fractures: Is Marrow Edema Helpful in Diagnosing "ACUTE" Nature of Fracture and Predicting Healing?	
LL-BR5203-D 12:15 - 01:15 PM Lakeside Center	Shayna Roberts-Klein, Priscilla Slanetz, Elaine Iuanow. Minimizing Risk: A Pictorial Review Identifying Pitfalls in Breast Imaging Interpretation.	
IR21-08 2:15-2:45 PM N135	Alexander Bankier. International Efforts in Academic Radiology.	
SSE06-01 3:00-3:10 PM S404CD	<b>Ronald Eisenberg</b> , Nira Pollock. Low Yield of Chest Radiography in TB Screening.	
SSE18-05 3:40-3:50 PM N229	Prachi Dubey, Amir Abduljalil, <b>David Alsop</b> , <b>Rafael Rojas</b> , <b>Rafeeque Bhadelia</b> , Magdy Selim. Fiber Assigned Continuous Tracking Defined 3D Reconstruction of Callosal Fibers for Characterization of Axonal Damage and Cortical Reorganization in Hemispheric Stroke.	

Tuesday, December 1, 2009	
RC324 8:30-10:00 AM E353A	Publishing in Radiology: What You Always Wanted to Know and Never Asked. <b>Alexander Bankier, Deborah Levine,</b> <b>Herbert Kressel,</b> Elkan Halpern, <b>Robert Sheiman</b> , faculty.
QI31A 8:30-10:00 AM S406B	Philip Boiselle. Overview of Multidimensional Systems for Evaluating Radiologist Performance (360°).
QI32 10:30 AM-12:00 PM S406B	Quality Improvement: Safety and Risk Management in a Radiology Department Course  Jonathan Kruskal, presiding.

Tuesday, December 1, 2009		
QI32A 10:30-10:40 AM S406B	Jonathan Kruskal. Anatomy and Pathophysiology of Errors in Radiology Practice.	
SSG21 10:30 AM-12:00 PM E353B	Vascular/Interventional (Vascular Imaging) Klaus Hagspiel, <b>Neil Rofsky</b> , presiding.	
SSG23-04 11:10-11:25 AM S104A	Scholar Advisor Program  Salomao Faintuch*, Barry Theodore Katzen  Prostatic Artery Embolization as a Primary Treatment for Benign Prostatic Hyperplasia.  *R&E Foundation Research Scholar Grant Recipient	
SSG08-06 11:20-11:30 AM E451A	Jesse Wei, Ivan Pedrosa, Neil Rofsky, Jacob Wouden, Faisal Khosa, Dennis Boparai. Streamlining Hepatobiliary MR Contrast Protocols: Feasibility of T2-weighted Imaging after the Administration of Gd-EOB-DTPA.	
ES33 1:30-3:00 PM S100AB	Alexander Bankier, Jeffrey Paul Kanne, presiding. Essentials of Chest Imaging: Smoking-related Diseases- Emphysemas, Interstitial Lung Diseases, and Lung Cancer.	
SSJ25-01 3:00-3:10 PM E352	Wei Yang, <b>S. Nahum Goldberg</b> , Sabina Signoretti, Stuart Calderwood, Ayesha Murshid, Mostafa Elian. Radiofrequency Ablation: Increased Tumor Destruction in Heat Shock Protein Deficient Tumor in Rat Animal Model.	
SSJ10-03 3:20-3:30 PM E351	<u>Danielle Pier*</u> , <b>Deborah Levine</b> , Caroline Robson, Judy Estroff, Henry Feldman, <b>Tejas Mehta</b> . MR Indices of Fetal Ventriculomegaly Correlated to Postnatal Outcome. *RSNA Research Trainee Prize Recipient	
SSJ04-06 3:50-4:00 PM S503AB	Boris Nikolic, <b>Pei-Jan Paul Lin</b> , <u>Sheryar Sarwar</u> , <b>Chun-Shan Yam</b> , Laurence Court, <u>Faisal Khosa</u> . Influence of Maximum Tube Voltage (KVp) and Heart Rate on Absorbed Radiation Dose of Radiosensitive Organs Using a 320-Row Detector Computed Tomography Scanner.	
SSJ10-06 3:50-4:00 PM E351	Rakhee Sansgiri*, <b>Deborah Levine</b> , Richard Robertson, Caroline Robson, <u>Danielle Pier</u> , Judy Estroff. Outcome in Fetuses with Ventriculomegaly and Septal Leaflet Dysplasia. *RSNA Research Trainee Prize Recipient	
RC452 4:30-6:00 PM E264	US-guided Interventional Breast Procedures (Handson Workshop). Carl D'Orsi, Mary Mahoney, Elsie Levin, Stamatia Destounis, W. Phil Evans, Rachel Brem, Bruno Fornage, Liane Philpotts, William Poller, Joseph Spigel, Margaret Szabunio, <b>Priscilla Slanetz</b> , faculty.	

Wednesday, D	Wednesday, December 2, 2009	
RC501 8:30 - 10:00 AM S405AB	High-Resolution CT Update: Multidetector CT Technique, Idiopathic Interstitial Pneumonias, and Emphysema (An Interactive Session). Ella A. Kazerooni, Jeffrey R. Galvin, Alexander Bankier, faculty.	
RC510C 8:30 - 10:00 AM E353B	<b>Deborah Levine</b> , faculty. Pregnancy Support Structures: Uterus, Placenta, and Cervix.	
RC512 8:30-10:00 AM E353C	Challenging CT Angiographic and MR Angiographic Cases: Interactive Interpretation with the Experts (An Interactive Session). Geoffrey Rubin, Elliot Fishman, <b>Neil Rofsky</b> , Iain Kirkpatrick, Michael Martin, faculty.	
RC524 8:30 - 10:00 AM S403A	Reviewing Manuscripts for the RSNA Journals (Sponsored by the RSNA Publications Council).  Herbert Kressel, William Olmsted, faculty.	
SSK05 10:30 AM-12 PM S404CD	ISP: Chest (Quantitative Imaging) <b>Alexander Bankier</b> , Prachi Agarwal, presiding.	
SSK05-01 10:30-10:40 AM S404CD	Quantitative Imaging for Chest Radiologists. <b>Alexander Bankier</b> , Chest Keynote Speaker.	
SSK06-02 10:40-10:50 AM S504CD	Ronald Eisenberg, Alexander Bankier, Phillip Boiselle. Compliance with the Fleischner Society Guidelines for Management of Lung Nodules: A Survey of 834 Radiologists.	
SSK07-08 11:40-11:50 AM E353A	Harald Brodoefel, Alessia Tognolini, Giulia Zamboni, <b>Melvin Clouse, Vassilios Raptopoulos, Rajeev Krishnapillai.</b> MDCT of Hepatic Metastases: The Value of Parenchymal Bolustriggering in Stabilizing Image Quality across Serial Follow-up Exams.	
LL-IN2152-L09 12:15-1:15 PM Lakeside Center	Rajeev Krishnapillai, Vassilios Raptopoulos, Chun Shan Yam, Oleg Pianykh, Milliam Kataoka. Web-based Application for PACS Image Annotation Export to Create Oncology Table on the Fly.	
VO41-09 3:05-3:15 PM S405AB	Wei Yang*, <b>S. Nahum Goldberg</b> , Tatyana Levchenko, Vladomir Torchilin, Sabina Signoretti, Rupa Sawant.  IV Liposomal Apopototic Enhancers Increase Endpoint Survival of Percutaneous Radiofrequency (RF) Tumor Ablation in a Rat Breast Tumor Model.  **RSNA Research Trainee Prize Recipient	

Wednesday, December 2, 2009 (cont'd)	
SSM06-03 3:20-3:30 PM S404CD	Diana Litmanovich, Alexander Bankier, Phillip Boiselle, Armin Ernst, Stephen Loring, Carl O'Donnell. MDCT of Forced Expiratory Bronchial Collapsibility in Healthy Volunteers.
SSM22-04 3:30-3:40 PM S403B	Oleg Pianykh. Perfusion Validation with Perfusion Phantoms.

Thursday, December 3, 2009	
RC609A 8:30 - 8:40 AM E450A	Categorical Course in Diagnostic Radiology: GI-Gallbladder and Bile Ducts (An Interactive Session)  Ivan Pedrosa. Techniques for CT and MR Imaging.
SSQ02 10:30 AM -12:00 PM S502AB	Cardiac (Right Ventricle and Atrium before and after Ablation). <b>Melvin Clouse</b> , Konstantin Nikolaou, J. Bayne Selby, presiding.
SSQ04 10:30 AM -12:00 PM S404CD	Chest (Pulmonary Vascular Imaging) Lynne Michelle Hurwitz , <b>Diana Litmanovich</b> , presiding.
RC701 4:30 - 6:00 PM S103AB	Case-based Review: Trauma, Mediastinum, and Pleura (An Interactive SessionThursday) <b>Phillip Boiselle</b> , Gerald F. Abbott, Eric J. Stern, faculty.

Friday, December 4, 2009	
SST02 10:30 AM - 12:00 PM S502AB	Cardiac (Trends and New Technology)  Melvin Clouse, Rainer Rienmueller, J. Bayne Selby, presiding.
SST12-04 11:00-11:10 AM S505AB	Matthias Werner, Claus Claussen, Philip Aschoff, Christina Pfannenberg, <b>J. Anthony Parker, Matthew Palmer</b> . The Use of Respiratory Gating for FDG-PET/CT Imaging of Pulmonary Nodules: Effect on Gross Tumor Volume Determination and SUV Measurements.

Education Exhibits - Lakeside Center, level 3 (Alphabetical by 1st author) Sun 8:00 am - 6:00 pm • Mon-Thurs 7:00 am - 10 pm • Fri 7:00 am - 12:45 pm		
LL-CH6003 e-poster	<u>Luce Cantin</u> , <b>Diana Litmanovich</b> , <b>Ronald Eisenberg</b> , <b>Alexander Bankier</b> , <b>Phillip Boiselle</b> , . Imaging Bronchiectasis: Novel Techniques in a Changing Clinical World.	
LL-NR5127	<u>Jay Catena</u> , <b>Gul Moonis</b> , Hugh Curtin. MDCT and MRI Evaluation of Laryngoceles and the Laryngeal Appendix.	
LL-HS5022	Lynn Darrah, Yolanda Milliman-Richard, Donna Hallett, Laurie Pascal, Max Rosen, Jonathan Kruskal. An Interventional Procedure-specific Scripted Preprocedure Timeout Ensures Compliance with Participation by Minimizing Variation in Performance.	
LL-BR5204-B 11/29/2009 12:30-1:30 PM	Valerie Fein-Zachary, Priscilla Slanetz, Ferris Hall. Missed Breast Cancers: Learning from the Mistakes of Others.	
LL-BR4659 e-poster	Neely Hines, <b>Priscilla Slanetz, Shambhavi Venkataraman</b> . Multimodality Review of Breast Augmentation.	
LL-CH6038 e-poster	Milliam Kataoka, Diana Litmanovich, Melvin Clouse, Vassilios Raptopoulos, Shezhang Lin, Carol Wilcox. Step-by-Step How to Create 4-Chamber View for Dummies.	
LL-MS2550 e-poster	Jonathan Kruskal, Lynn Darrah, Yolanda Milliman-Richard, Gethin Williams, Chun-Shan Yam, Jacob Sosna.  Dangers and Occupational Hazards in a Radiology Department: An Audit of Patient and Staff Safety in a Radiology Department.	
LL-PP4420 e-poster	Jonathan Kruskal, Donna Hallett. Failure Mode and Effects Analysis: A Tool for Proactively Predicting System Failures in a Radiology Department.	
LL-MK2451	Monica Marra, <b>Deborah Burstein</b> , Frank Roemer, Ali Guermazi, Michel Daoud Crema, Felix Eckstein. An Update on MRI Assessment of Articular Cartilage in the Knee: Current Techniques and Their Applications in Clinical Practice and Clinical Research.	
LL-MK3222	<b>Colm McMahon, Jim Wu, Mary Hochman, Ronald Eisenberg.</b> Measuring Up: A Guide to Essential Measurements in Musculoskeletal Imaging.	
LL-BR5203-D 11/30/2009 12:15- 1:15 PM	Shayna Roberts-Klein, Priscilla Slanetz, Elaine luanow. Minimizing Risk: A Pictorial Review Identifying Pitfalls in Breast Imaging Interpretation.	

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LL-BR4617 e-poster	Rola Shaheen, Priscilla Slanetz, Tejas Mehta, Maryann Chorlton, Julie Armada, Richard Behrman. Artifacts on Digital Mammography: Optimizing Image Quality
LL-IN2607 e-poster	<b>Chun-Shan Yam</b> . Using PhotoShop to Prepare DICOM Images for Electronic Presentations: A 10-Minute Must-See Tutorial to Explore the New DICOM Functions in the Latest PhotoShop.
LL-MS2575 e-poster	Chun-Shan Yam, Jonathan Kruskal, Lynn Darrah. Guidelines for Developing a Quality and Performance Improvement Program in a Radiology Department: A Technical Review
LL-MS2567 e-poster	Chun-Shan Yam, Jonathan Kruskal, Lynn Darrah. Implementation of an Automated Computer System for Tracking Follow-up Studies Recommended by Radiologists

Scientific Posters - Lakeside Center D1	
LL-IN2152-L09 Wed, Dec 02 12:15 - 1:15 PM	Rajeev Krishnapillai, Vassilios Raptopoulos, Chun Shan Yam, Oleg Pianykh, Milliam Kataoka. Web-based Application for PACS Image Annotation Export to Create Oncology Table on the Fly
LL-ER2094-D01 Mon Nov 30 12:15 - 1:15 PM	Nagamani Peri, Efstathios Papavassiliou, Rafael Rojas, Rafeeque Bhadelia. MRI of Acute Odontoid Fractures: Is Marrow Edema Helpful in Diagnosing "ACUTE" Nature of Fracture and Predicting Healing?