



Beth Israel Deaconess
Medical Center



A teaching hospital of
Harvard Medical School

Guide to BIDMC Radiology Scientific Sessions, Courses and Exhibits



RSNA 2010
Radiological Society of North America
96th Scientific Assembly and Annual Meeting
November 28th - December 3rd, 2010
McCormick Place, Chicago, Illinois

Sunday, November 28, 2010

SSA09-01 10:45-10:55 am E351	Incidence of Contrast-induced Nephropathy in Multiple Myeloma Patients Undergoing Contrast-enhanced Computed Tomography. <u>Jay Pahade</u> , <u>Christina LeBedis</u> , Vassilios Raptopoulos , David Avigan, Chun-Shan Yam , Jonathan Kruskal , Ivan Pedrosa .
SSA14 10:45 - 12:15 PM E451A	ISP: Musculoskeletal (Tumors and Soft Tissue) Moderators: Mary Hochman , Thomas Link, Donald Flemming.
SSA16 10:45 - 12:15 PM N229	ISP: Neuroradiology/Head and Neck (ENT Cancer I: Physiologic Imaging) Moderators: Suresh K. Mukherji, Gul Moonis .
SSA17 10:45 AM - 12:15 PM N226	Neuroradiology (Ischemia and Infarction) Moderators: Rafeeqe Bhadelia , Paul Parizel.
SSA24-03 11:05 - 11:15 am E350	Can Real-Time US-CT/MRI Fusion Imaging Guidance Enable Ablation of Liver Malignancies That Are Undetectable with Conventional US ? Luigi Solbiati, Luca Cova, Tiziana Ierace, S. Nahum Goldberg .
LL-QSE3051-SUA Quality Storyboard: 12:30 - 1:00 PM	Development of a Radiology Operation Dashboard for Minimizing Unread Cases in Large Teaching Hospitals Using PACS. Chun-Shan Yam , Jonathan Kruskal .
RC101D 2:00 - 3:30 PM E353C	RC101 - High-Resolution CT: A Pattern-based Approach (An Interactive Session) <u>RC101D</u> Nodular Pattern. Faculty: Phillip Boiselle
RC106B 2:00 - 3:30 PM E450A	RC106 - Temporal Bone I: The Basics. Faculty: Suresh Mukherji, Gul Moonis . <u>RC106B</u> Cholesteatoma and Inflammation. Gul Moonis .
RC124 2:00 - 3:30 PM E451A	RC124 - Recent Advances in Neuroradiology, Musculoskeletal, Thoracic, and Gastrointestinal Radiology: Practical Points and Pitfalls Refresher. Faculty: Ronald Eisenberg , Howard Rowley, Theresa McLoud, Donald Resnick, Richard Gore.

Monday, November 29, 2010

RC201F 8:30 - 10:00 AM E450A	RC201 - Guidelines for Thoracic Imaging: Fleischner, STR, and Other Proposals RC201F Fleischner Glossary: Challenging and Controversial Terms. Faculty: Alexander Bankier
SSC11-05 11:10 - 11:20 am N226	Z-axis Radiation Dose Profile of "Shuttle Mode" CT Perfusion Examinations. Pei-Jan Paul Lin , David Hackney .

Names in Bold = BIDMC Radiology Faculty/Staff Trainees

Monday, November 29, 2010 (cont'd)	
VN21-10 11:00-11:10 am N228	Neurosurgical "Golden Rule" for Brain Tumors in the Era of Modern Neuronavigational Stereotactic Neurosurgery and Functional MR Imaging: Relevance and Redefinition. <u>Rivka Colen</u> , <u>Saman Hazany</u> , Pascal Zinn, Ferenc Jolesz, Rafael Rojas .
LL-MKS-MO 12:15 - 01:15 PM	Lakeside Center. Musculoskeletal Scientific Informal Poster presentations. Moderator: Mary Hochman .
LL-NMS-MO3A Poster Presentation: 12:15-12:45 pm Lakeside Ctr	Effects of Medication Usage on Physiologic FDG Uptake in the Gastrointestinal Tract on PET/CT. <u>Ke Wang</u> , Matthew Palmer , Awais Ahmed, Alan Moss, Gerald Kolodny .
LL-NRS-MO1B Poster presentation: 12:45-1:15 pm Lakeside Ctr	Accuracy of On-Call Resident Interpretation of CT Angiography for Suspected Intracranial Aneurysm in Subarachnoid Hemorrhage. <u>Aaron Hochberg</u> , Rafael Rojas , Ajith Thomas , Steve Reddy , Rafeeqe A. Bhadelia .
LL-QSE3052-MOB Quality Storyboard 12:45 - 01:15 PM Lakeside Ctr	Improving the Clinical Performance of Radiologists: Multisource Expansion of a Peer Review Program beyond Comparisons of Diagnostic Errors and Discrepancies. Jonathan Kruskal , Chun-Shan Yam , Phillip Boiselle , Paul Spirn .
SSE19-03 3:20-3:30 PM S505AB	Atherosclerotic Disease Assessed by PET/CT in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus. <u>Eavan Thornton</u> , <u>Ke Wang</u> , Riya Chacko, <u>Amy Pepperney</u> , Sukran Ergin, J. Anthony Parker , George Tsokos, Gerald Kolodny .

Tuesday, November 30, 2010	
VC31 8:30 AM - 12:00 PM S404CD	Chest Series: Lung Nodules/Lung Cancer Moderators: Heber Macmahon, Christian Herold, Phillip Boiselle .
VN31 8:30 AM - 12:00 PM N228	Neuroradiology Series: Spine, Moderator: David Hackney <u>VN31-02</u> 8:50 am - Advanced Imaging of Disk Degeneration. David Hackney <u>VN31-13</u> 11:30 am - Expert Panel Q&A. Michael Brant-Zawadzki, David Hackney , Blake Johnson, Michael Modic.
VP31 8:30 AM - 12:00 PM N230	Pediatric Radiology Series: Chest/Cardiovascular Imaging I <u>VP31-02</u> Pulmonary Embolism in Pediatric Patients: Survey of CT Pulmonary Angiography Practices and Policies. Edward Lee, David Zurakowski, Phillip Boiselle . <u>VP31-10</u> Screening of Asymptomatic Children for Tuberculosis: Is a Lateral Chest Radiograph Routinely Indicated? Edward Lee, Donald Tracy, Ronald Eisenberg, Claudia Martinez Rios Arellano, Soran Mahmood, Phillip Boiselle , Robert Cleveland, David Zurakowski.

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Tuesday, November 30, 2010 (cont'd)	
RC310C 8:30 AM - 10:00 AM E450B	Some Great Cases I Have Seen: Scrotum, Thyroid, and Gallbladder (An Interactive Session) Faculty: Robert A. Kane (for Philip Ralls) - Gallbladder
SSG03 10:30 AM - 12:00 PM S504AB	ISP: Chest (COPD and Airways) Moderators: Alexander Bankier , Hans-Ulrich Kauczor
SSG08-05 11:10 - 11:20 AM S402AB	Effectiveness of an Electronic Dashboard for Communicating Significant, but Not Emergent, Imaging Findings: Outcomes of Initial 10,000 Cases. Ronald Eisenberg , <u>Kei Yamada</u> , Chun-Shan Yam , Paul Spirn , Jonathan B. Kruskal .
SSG04-07 11:30 - 11:40 AM E450B	Split-Bolus CT for Patients with Abdominal Pain. Giulia Zamboni, <u>Sofia Gourtsoyianni</u> , Janneth Romero , Vassilios Raptopoulos .
LL-QSE3053-TUA Quality Storyboard 12:15 - 12:45 PM Lakeside Ctr	Development and Deployment of a Web-based Quality and Safety Toolbox: Platform-independent Online Modules for Managing Peer Review, Results Communication, Safety Reporting, Faculty Performance Evaluation, and a Quality Tutorial. Jonathan Kruskal , Chun-Shan Yam .
LL-BRS-TU5B Poster presentation 12:45-1:25 PM Lakeside Ctr	Barriers and Opportunities for Mammography for Gaza Women. Rola Shaheen , Priscilla Slanetz , Sughra Raza, Waleed Abu Ramadan, Said Elhousseini, Max Rosen .
QI33 3:00 - 4:15 PM S406B	Quality Improvement: Physician Evaluation Moderator: Jonathan Kruskal . <u>QI33B</u> 360-Degree or Multisource Feedback on Radiologists. Phillip Boiselle .
SSJ26-03 3:20-3:30 pm S103AB	Characterization and Optimization of Irreversible Electroporation (IRE) Ablation in in Vivo Porcine Liver. Liat Appelbaum, Eli Ben David, Jacob Sosna , Isaac Nissenbaum, S. Nahum Goldberg .
VO31-11 4:05-4:15 pm S405AB	Radiofrequency Ablation of Colorectal Metastases: 10 Year Follow-up Local Response Rate, Disease-free, and Long-term Survival. Luigi Solbiati, Tiziana Ierace, Luca Cova, Michela Brioschi, S. Nahum Goldberg .
RC402B 4:30 - 6:00 PM E352	Resident Training: Hot Topics. <u>RC402B</u> A Model for Teaching Systems-based Practice. Jim Wu .
RC424 4:30 - 6:00 PM S505AB	Publishing in Radiology: What You Always Wanted to Know and Never Asked. Faculty: Herbert Kressel , Deborah Levine , Alexander Bankier , David Kallmes, Elkan Halpern.
RC452 4:30 - 6:00 PM E264	US-guided Interventional Breast Procedures (Hands-on Workshop). Faculty: Elsie Levin, Rachel Brem, Carl D'Orsi, W. Phil Evans III, Bruno Fornage, Liane Philpotts, William Poller, Mary Mahoney, Stamatia Destounis, Margaret Szabunio, Priscilla Slanetz , Vivian Miller, Joseph Spigel.

Wednesday, December 1, 2010	
RC509 8:30 - 10:00 AM S404AB	Update Course in DX Rad: GI-Gallbladder and Bile Ducts RC509A - Techniques for CT and MR Imaging. Faculty: Ivan Pedrosa
RC510C 8:30 - 10:00 AM N227	US Diagnosis and Management of Adnexal Cystic Masses. RC510C Indeterminate and Malignant Adnexal Cysts and SRU Consensus Recommendations. Faculty: Deborah Levine .
RC524 8:30 - 10:00 AM S102D	Reviewing Manuscripts for the RSNA Journals (Sponsored by the RSNA Publications Council). Faculty: Herbert Kressel , William Olmsted.
SSK04-08 11:40-11:50 AM S504AB	Complication Rate of CT-guided Percutaneous Lung Fiducial Seed Placement in Comparison to CT-guided Lung Biopsy. <u>Mishal Mendiratta-Lala</u> , <u>Olga Brook</u> , <u>Sofia Gourtsoyianni</u> , Robert Sheiman , Bettina Siewert
SSK20-09 11:50 AM-12:00 PM E353B	RF Ablation Therapy: Increases in Drug Accumulation and Tumor Destruction due to Transient Increases in Microvasculature. <u>Beenish Tasawwar</u> , Muneeb Ahmed , <u>Wei Yang</u> , Tatyana Levchenko, Vladomir Torchilin, S. Nahum Goldberg .
LL-BRE3289-WEB Ed Exhibit 12:45 - 1:15 PM	Breast Rad-Path Correlation: Determining Concordance and Management. Tejas Mehta , Priscilla Slanetz . Lakeside Ctr
LL-INE1161-WEB ED Exhibit 12:45 - 1:15 PM Lakeside Ctr	An Ergonomic Cognitive Work Analysis Examining Computer Task Exposures in Radiologists: Phase I. Phillip Boisselle , Ronald Eisenberg , <u>Daniel Siegal</u> , Michelle Robertson, Joe Chang, Marvin Dainoff, Angela Garabet, Jack Dennerlein.
PS40 1:30 - 2:45 PM Arie Crown	Annual Oration in Radiation Oncology. Presentation of the Outstanding Educator Award to Gillian B. Lieberman
SSM09-01 3:00-3:10 pm E353A	Incidentally Detected Gallbladder Polyps: Is Follow-up Necessary? Long Term Clinical and Sonographic Analysis of 346 Patients. Bettina Siewert , <u>Michael Corwin</u> , Robert Sheiman , Robert Kane .
SSM15 3:00 - 4:00 PM N228	Neuroradiology (Brain Tumors II: Secondary and Extraaxial Tumors and Lymphoma) Moderators: Rafael Rojas , David Mikulis.
SSM17 3:00 - 4:00 PM N226	Neuroradiology/Head and Neck (Interventional and Neck Biopsy) Moderators: Kristine Mosier, Arra S. Reddy .
SSM14-02 3:10-3:20 PM E451A	Clinical and Radiologic Predictive Factors of Septic Hip Arthritis. <u>Justin Kung</u> , Hooman Hennessey, Corrie Yablon , Edward Huang, Jim Wu .
SC42 4:30 - 6:00 PM E353B	Special Interest/Hot Topic: Imaging the Pregnant Patient for Pulmonary Embolism. Ann Leung, Henry Royal, Lynne Hurwitz, Helen Winer-Muram, Phillip Boisselle .

Thursday, December 2, 2010	
RC601 8:30 - 10:00 AM E353B	Pulmonary Embolism and Pulmonary Arterial Hypertension: Concepts and Controversies: RC601C Dose Concerns and Reduction Strategies. Diana Litmanovich
RC607 8:30 - 10:00 AM E450A	The Incidental Small Renal Mass: Image It, Treat It, or Ignore It? Faculty: Stuart Silverman, Brian Herts, Ivan Pedrosa .
SSQ09-09 11:50-12:00 PM E450B	Radiologic Findings after Radiofrequency Ablation of Adrenal Tumors. <u>Olga Brook</u> , <u>Mishal Mendiratta-Lala</u> , Darren Brennan , Bettina Siewert , Salomao Faintuch , S. Nahum Goldberg
LL-BRS-TH5A Poster Presentation 12:15-12:45 pm Lakeside Ctr.	Challenges in Detection of Architectural Distortion in a Community Practice: Is There a Role for Double Reading and/or MRI? Rola Shaheen , Howard Raymond , M. Julie Armada , Valerie Fein-Zachary , Max Rosen , <u>Amina Saghir</u> , Priscilla Slanetz .
RC712 4:30 - 6:00 PM S403A	Detection and Characterization of Venous Thrombosis. RC712B MR Imaging. Ivan Pedrosa .
VO51-13 4:40-4:50 PM S405AB	Efficacy of Radiofrequency Ablation for the Treatment of Functional Adrenal Neoplasms. <u>Mishal Mendiratta-Lala</u> , Darren Brennan , <u>Olga Brook</u> , Salomao Faintuch , Robert Sheiman , S. Nahum Goldberg , Peter Mowschenson

Friday, December 3, 2010	
RC831 8:30 - 10:00 AM S504CD	Tumor Ablation beyond the Liver: How-to and Preliminary Results Faculty: Damian E. Dupuy, S. Nahum Goldberg , Matthew Callstrom, Debra Ann Gervais
SST16-04 11:00-11:10 AM E353B	Complications Associated with Percutaneous Fiducial Seed Placement in Abdomen and Pelvis for Stereotactic Radiotherapy. <u>Olga Brook</u> , <u>Mishal Mendiratta-Lala</u> , <u>Sofia Gourtsoyianni</u> , Robert Sheiman , Bettina Siewert
SST07-08 11:40-11:50 am E351	Postnatal Outcome after Magnetic Resonance and Ultrasound Diagnosis of Agenesis or Dysgenesis of the Corpus Callosum in Fetuses Referred for Ventriculomegaly. <u>Yi Li</u> , Deborah Levine , Judy Estroff, Tina Young Poussaint, Caroline Robson, Henry Feldman, Tejas Mehta , Richard Robertson, Carol Barnewolt.

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-CHE1070		Shades of Gray: The Broadening Spectrum of Anatomical and Functional Airway Findings on MDCT Scans That May Mimic Disease in Healthy Individuals. Phillip Boiselle, Diana Litmanovich , Carl O'Donnell, David Roberts, Alexander Bankier .
LL-NRE1337		All about the Thyroid: A Web-based Educational Module. Ashley Davidoff, Ari Sacks, Barry Sacks , Jessica Humphries, Genoveva Pedrique, Naomi Fisher.
LL-BRE3291		A Practical Approach to Imaging the Axilla: Expected and Unexpected Findings. <u>Diana Ferris</u> , Vandana Dialani, Priscilla Slanetz .
LL-BRE3287		Mammographic, Sonographic, and MR Approaches to the Diagnosis and Management of Common Ductal Abnormalities. <u>Diana Ferris</u> , Elaine Iuanow, Tejas Mehta, Rola Shaheen, Priscilla Slanetz .
LL-NRE2854		Interactive Two- and Three-dimensional Anatomic Atlas of the Human Brain White Matter Based on Fiber Tractography and Diffusion Tensor Color Maps. <u>Saman Hazany, Rivka Colen</u> , Pedram Parva, Rafeeqe Bhadelia , Roy Riascos, Rafael Rojas .
LL-PPE3110		Formal Reporting of Second Opinion CT and MR Interpretation: Experience in the Emergency Department Setting. <u>Adam Jeffers</u> , <u>Amina Saghir</u> , Marc Camacho .
LL-BRE3285		MR Imaging of the Reconstructed Breast: Expected and Unexpected Findings. Vandana Dialani, Surekha Joshi, Kenny Lai, Priscilla Slanetz .
LL-CHE2206		What You Need to Know about Cardiopulmonary Complications after Lung Transplantation. Daniela Kienzl, Helmut Prosch, Peter Jaksch, Alexander Bankier , Christian Herold.
LL-PPE4095	  	Application of the Lean Approach to Improving Performance and Efficiency in a Radiology Department: A Web-based Tutorial. Jonathan Kruskal, Donna Hallett, Allen Reedy, Chun-Shan Yam, Phillip Boiselle, David Magaram, Max Rosen, Laurie Pascal .
LL-PPE4094	 	Quality Improvement in Radiology: The Basic Principles and Tools Required to Achieve Success. Jonathan Kruskal , Joshua Kruskal, Chun-Shan Yam, Phillip Boiselle .
LL-BRE3289-WEB Presentation: Wed 12/01 12:45 - 1:15 PM		Breast Rad-Path Correlation: Determining Concordance and Management. Tejas Mehta, Priscilla Slanetz .
LL-CHE2183		Pulmonary Fissures and Their Importance for Novel Respiratory Treatments: An Interactive MDCT Teaching Atlas. <u>David H. O'Donnell</u> , Phillip Boiselle , David Odell, Michael Kent, Diana Litmanovich, Alexander Bankier .



Cum Laude



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Selected for RadioGraphics

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-NRE2865	Imaging of Postoperative Spine: What the Radiologist Needs to Know and What the Surgeon Wants to Know. Nagamani Peri, David Hackney .
LL-INE1161-WEB Presentation: WED 12/01 12:45 - 1:15 PM	An Ergonomic Cognitive Work Analysis Examining Computer Task Exposures in Radiologists: Phase I. Phillip Boiselle, Ronald Eisenberg, Daniel Siegal , Michelle Robertson, Joe Chang, Marvin Dainoff, Angela Garabet, Jack Dennerlein.

Scientific Posters - Lakeside Center, level 1

LL-NRS-MO1B Presentation: Mon 11/29 12:45-1:15 pm	Accuracy of On-Call Resident Interpretation of CT Angiography for Suspected Intracranial Aneurysm in Subarachnoid Hemorrhage. <u>Aaron Hochberg</u> , Rafael Rojas, Ajith Thomas, Steve Reddy, Rafeeqe A. Bhadelia .
LL-BRS-TH5A Presentation Thurs 12/2 12:15-12:45 pm	Challenges in Detection of Architectural Distortion in a Community Practice: Is There a Role for Double Reading and/or MRI? Rola Shaheen, Howard Raymond, M. Julie Armada, Valerie Fein-Zachary, Max Rosen, Amina Saghir, Priscilla Slanetz .
LL-BRS-TU5B Presentation Tues 11/30 12:45-1:25 PM	Barriers and Opportunities for Mammography for Gaza Women. Rola Shaheen, Priscilla Slanetz , Sughra Raza, Waleed Abu Ramadan, Said Elhousseini, Max Rosen .

Quality Storyboards - Lakeside Center, level 1

LL-QSE3051-SUA Presentation: Sun 11/28 12:30 - 1:00 PM	Development of a Radiology Operation Dashboard for Minimizing Unread Cases in Large Teaching Hospitals Using PACS. Chun-Shan Yam, Jonathan Kruskal .
LL-QSE3052-MOB Presentation Mon 11/29 12:45 - 01:15 PM	Improving the Clinical Performance of Radiologists: Multisource Expansion of a Peer Review Program beyond Comparisons of Diagnostic Errors and Discrepancies. Jonathan Kruskal, Chun-Shan Yam, Phillip Boiselle, Paul Spirn .
LL-QSE3053-TUA Presentation: Tues 11/30 12:15 - 12:45 PM	Development and Deployment of a Web-based Quality and Safety Toolbox: Platform-independent Online Modules for Managing Peer Review, Results Communication, Safety Reporting, Faculty Performance Evaluation, and a Quality Tutorial. Jonathan Kruskal, Chun-Shan Yam .

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