

## Scientific Posters - Lakeside Center D1

12:45 – 12:55 pm LPH17-04 Scientific Poster Theater 1B	Ohno Y, Nogami M, Higashino T, Matsumoto S, <b>Hatabu H</b> , Sugimura K. Krypton-81m Ventilation SPECT/CT: Utility for Prediction of Postoperative Lung Function in Non-small Cell Lung Cancer Patients.
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## InfoRAD • Lakeside Center, level 3

Sun-Thu 8:00 am - 5:00 pm; Fri 8:00 am - 12:45 pm

9117 DS-i	<b>Krishnapillai R, Sun M, Yam CS, Mitchell R, Raptopoulos V.</b> Web-Based Tool to Enhance Reporting and Track Changes in Tumor Measurements of Oncology Patients.
9802 PM-i	<b>Krishnapillai R, Lee KS, Wilcox CJ, Yam CS, Mitchell R, Raptopoulos V.</b> Web-Based Dashboard to Streamline 3D Reconstruction Workflow in a Multi-Center Facility.
9801 PM-i	<b>Yam CS, Kruskal JB, Larson ME.</b> Development of an Online Workflow Monitoring System in a PACS-based Radiology Department.
9216 ED-i	<b>Yam CS, Larson ME, Kruskal JB, Anderson B</b> PowerPoint or FLASH?

Names in Bold = BIDMC Faculty/Staff/Trainees

§ *Recommended for publication in Radiographics*

\*BIDMC Staff:-  
General  
Radiographics Panel -  
Ferris Hall - Chairman  
Mary Hochman  
Jonathan Kruskal  
Bettina Siewert  
Women's Imaging  
Panel-  
Deborah Levine

This Exhibit has  
been recommended  
for publication in  
**RadioGraphics** by  
a **RadioGraphics**  
Selection Panel\*

**RG** The journal of continuing medical  
education in radiology  
**RadioGraphics**



# Beth Israel Deaconess Medical Center

A major teaching affiliate of Harvard Medical



## Guide to BIDMC Radiology Scientific Sessions, Courses and Exhibits



**RSNA2005**  
Connecting for Lifelong Learning



Radiological Society of North America  
91st Scientific Assembly and Annual Meeting  
November 27 - December 2, 2005  
McCormick Place, Chicago, Illinois

Sunday, November 27, 2005	
10:45 am – 12:15 pm SSA12 E451B	<b>Goldberg SN</b> , Vogl T, Moderator. Session: GI (Liver RF ablation: Image Guidance, Complications)
10:45 am – 12:15 pm SSA13 N226	<b>Hackney D</b> , Liu H-M, Moderators. Session: Neuroradiology/Head and Neck (Spine: tumors, trauma, and vascular disease).
11:05 – 11:15 am SSA16-03 N229	GRANT P, Bolar D, Kiruluta A, <b>Alsop D</b> . Clinical Applications of Endogenous Whole Brain Blood Flow (Arterial Spin Labeling) MRI in the Pediatric Brain.
11:45 – 11:55 am SSA08-07 E353C	<b>Clouse ME, Lin S, Yoshimura N, Sabir A, Munro R, Wilcox C</b> , et al. Volume evaluation of non-calcified coronary plaque using MDCTA 16/64.

Monday, November 28, 2005	
10:30 – 10:40 am SSC04-01 E351	OHNO Y, Nogami M, Takenaka D, Matsumoto S, <b>Hatabu H</b> , Sugimura K. STIR Turbo SE MR Imaging versus FDG-PET/CT: Quantitative Assessment of N-stage in Non-small Cell Lung Cancer Patients.
10:30 am -12:00 pm SSC06 E353A	<b>Kane RA</b> , Doubilet P, Moderators. Session: Ultrasound (Head and Neck)
3:00 – 3:10 pm SSE09-01 E450A	<b>RAPTOPOULOS V, Kataoka ML, Siewert B, Goldberg SN, Sheiman R, Kruskal JB</b> . Clinically Perceived Value of Routine Coronal and Sagittal Multiplanar Reconstruction in Abdominal CT Scans: Increased Value with Detector Rows from 4-to 64-row MDCT.

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	
2399CE-e	<b>Komlos F, Ganguli S, Reddy S, Appignani B, Hackney D</b> . Tumors of the Skull Base: A Review of Radiological Manifestations and Differential Diagnosis.
1086BP-e	<b>Kruskal JB, Ganguli S, Brennan DD, Kane RA</b> . Laparoscopic ultrasound of the liver, biliary tract & pancreas.
2238CE-e <b>Cum Laude</b>	<b>Lee KS, *<sup>§</sup> Boiselle PM</b> , Feller-Kopman D, Ernst A. Multidetector CT Imaging of Central Airway Neoplasms.
1131BP-e <b>Cert. of Merit</b>	Nelson RC, <b>Raptopoulos V</b> , Rybicki FJ. Optimized Contrast-enhanced Protocols for Multidetector CT of the Abdomen and Pelvis.
2199CE-e	<b>Nishino M, Anderson B, Lang EV, Raptopoulos V, Hatabu H</b> . Thoracic Aortic Diseases: a comprehensive review with multi-modality imaging features and therapeutic implications.
2231CE-e <b>§Radiographics</b>	<b>Nishino M, Raptopoulos V, Anderson B, Lang EV, Hatabu H</b> . Evidence-based review of pulmonary CT angiography for acute pulmonary embolism: What radiologists must know.
2264CE-e	<b>Nishino M, Kubo T, Kataoka ML, Yoshimura N, Raptopoulos V, Hatabu H</b> . Pictorial review of 64-detector MDCT coronal reformations of the chest: Advantages and disadvantages in demonstrating thoracic abnormalities.
2627CE-e	<b>Siewert B, Komlos F, Kruskal JB, Kane RA</b> . Ultrasound of Renal transplants: Normal and Abnormal Postoperative Appearance.
2239CE-e <b>Cert. of Merit</b>	<b>Sun M</b> , Ernst A, <b>Boiselle PM</b> . State-of-the-Art Imaging of Acute and Chronic Complications of Endotracheal and Tracheostomy Tubes: MDCT and Bronchoscopic Correlation.
1098BP-e	Kim Y, Shankar S, Wassef W, Andersen D, Yantiss R, <b>Tyagi G</b> . Imaging Diagnosis of Pancreatic Head Lesions: MDCT and EUS Appearances.
2020CS-e	<b>Wei J, Kruskal JB, Seiwert B, Raptopoulos V</b> . Volumetric CT for Teaching: Virtual Ultrasonography for Learning Sonographic Technique.
2022CS-e	<b>Yam CS, Pedrosa I, Siewert B, Kruskal JB, Appignani BA, Hatabu H</b> . Experience in Developing an Online Resident Pre-call Examination System.
1071BP-e <b>Cum Laude</b>	<b>Zeikus E<sup>§</sup></b> , <b>Pedrosa I, Rofsky N</b> . MRI Evaluation of Acute Right Lower Quadrant Pain: Do You Know What You're Looking at?

\*Also awarded RSNA 2005 Excellence In Design

§ Recommended for publication in Radiographics

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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	
2333CE-e	<b>Araujo CR, Pedrosa I, Rofsky NM, Kressel HY</b> , Genega E, Goldsmith J, et al. State-of-the-Art Dynamic Contrast-enhanced MR Imaging with 3D Reconstructions for the Evaluation of Pancreatic Neoplasms: A Correlation with Surgery and Histopathologic Findings.
1532BP-e	<b>Bageac A, Hill TC</b> . Proliferation and utilization of PET Imaging in Boston between 2003-2004.
2370CE-e <i>§Radiographics</i>	<b>Barth MM</b> , van de Meerendonk H, <b>Pedrosa I, Lenkinski RE, Rofsky NM</b> . Body Imaging at 3T: Understanding the Opportunities and the Challenges.
2335CE-e	<b>Brennan DD, Kruskal JB, Appelbaum L, Raptopoulos V</b> . Comprehensive Preoperative Assessment of Pancreatic Cancer Using 64-row Volumetric CT.
2319CE-e	<b>Brennan DD, Kruskal JB, Rofsky NM, Kane RA</b> . Multimodality Assessment of the Vascular Complications of Adult Liver Transplantation.
1097BP-e <i>§Radiographics</i>	<b>Brennan DD, Kruskal JB, Kane RA</b> . Intraoperative Ultrasonography of the Pancreas.
2011CS-e	Davidoff A, Allison C, Tsai , Lee D, <b>Yam CS</b> . The Pancreas: Hermit of the Abdomen Exposed by Modern Imaging Technology.
2012CS-e	Davidoff A, Allison C, Cave D, <b>Yam CS</b> , Rozin E. Comprehensive Crohn's: Length, Depth, and Breadth of the Disease.
2737CE-e	<b>Faintuch S, Lang EV</b> , Abu-Elmagd K, Reyes JD. Venous Access Management in Short Gut Syndrome: Lifeline to Intestinal Transplantation.
2738CE-e <i>§Radiographics</i>	<b>Ganguli S, Clouse ME, Komlos F, Tham J, Lang EV, Janne d'Othee B</b> . Starting and Establishing Your Own Outpatient Clinic for Minimally Invasive Venous Care.
2736CE-e <b>Cert. of Merit</b> <i>§Radiographics</i>	<b>Lang EV, Faintuch S, Salazar GM, Janne d'Othée B</b> . A Venographic Pictorial Essay of Lower Extremity Varicosities.
1259BP-e <i>ⓂCert. of Merit</i>	<b>Kataoka ML, Hochman MG, Kubo S, Raptopoulos V</b> . Current Strategies for Reducing Metallic Hardware Artifact Using Multi-Detector Row CT.
1410BP-e <b>Cert. of Merit</b> <i>§Radiographics</i>	<b>Komlos F, Ganguli S, Pedrosa I, Levine D, Siewert B</b> . Ovarian Torsion: Imaging Findings and Pitfalls on Ultrasound, CT and MRI.
2525CE-e <i>§Radiographics</i>	<b>Komlos F, Handweker J, Ganguli S, Appignani BA, Reddy S, Hackney DB</b> . Intradural Extramedullary Spinal Lesions: A Review of Radiological Manifestations and Differential Diagnosis.

*ⓂInvited to submit to Current Problems in Diagnostic Radiology*

Tuesday, November 29, 2005	
8:30 – 10:00 am RC991A S100AB	<b>Levine D</b> , Presenter. REFRESHER COURSE: How to Image the Pelvis.
11:00 -11:10 am SSG07-04 E353B	<b>Raptopoulos V, Kataoka ML, Brennan DD, Kubo S, Siewert B, Kruskal JB</b> . CT Urography with 64-Row MDCT Improves Pelvicalyceal Visualization.
11:10 – 11:20 am SSG14-05 N227	<b>Appignani B</b> , Lincoln M, <b>Alsop D, Hackney D, Wong E, Wu J</b> . Arterial spin labeling perfusion imaging of brain tumors.
11:10 – 11:20 am SSG19-05 S402AB	<b>Kruskal JB, Yam CS, Hallett D, Sosna J, Raptopoulos V</b> . Instituting and Continuous Monitoring of a Policy for Identification and Communication of Critical Radiology Results.
11:30 – 11:40 am SSG05-07 E352	<b>Nishino M, Kubo T, Kataoka ML, Raptopoulos V, Hatabu H</b> . Evaluation of pulmonary embolism using coronal reformations on 64-MDCT: Comparison with axial images.
12:15 – 1:15 pm LPH02 Theater 1A	<b>Rofsky N</b> , Axel L, Moderators Session: ISP: Cardiac(MR Imaging: Diagnostic Cardiac Techniques)
12:45 – 12:55 pm LPH17-04 Scientific Poster Theater 1B	Ohno Y, Nogami M, Higashino T, Matsumoto S, <b>Hatabu H</b> , Sugimura K. Krypton-81m Ventilation SPECT/CT: Utility for Prediction of Postoperative Lung Function in Non-small Cell Lung Cancer Patients.
3:00 – 4:00 pm SSJ08-07 E353C	<b>Clouse ME</b> , Becker C, Moderators. Session: Cardiac (CT: coronary artery bypass grafts, stents)
3:00-4:30 pm RC994A S100AB	<b>Pedrosa I</b> , Presenter. REFRESHER COURSE: Abdominal MR Techniques.
3:30 – 3:40 pm SSJ04-04 E351	Jeudy J, White CS, Munden RF, <b>Boiselle P</b> . Management of Ditzels on Chest CT: A Global Survey.
4:30 pm – 6:00 pm RC401 E451B	<b>Boiselle P</b> , Kazerooni E, Lynch D, Presenters. REFRESHER COURSE: Imaging of Obstructive Lung Disease

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Wednesday, November 30, 2005	
8:30 – 10:00 am RC995C S100AB	<b>Boiselle P</b> , Presenter. REFRESHER COURSE: Airways Disease.
10:40 – 10:50 am SSK18-02 S402AB	<b>Kruskal JB, Yam CS, Sosna J, Hallett D, Siewert B, Milliman Y</b> . Development and Implementation of an Online QA Reporting System for Performance Improvement in a Radiology Department.
10:40 – 10:50 am SSK05-02 E352	<b>Sun M</b> , Ernst A, <b>Boiselle PM</b> . MDCT of the Central Airways: Comparison with Bronchoscopy in the Evaluation of Benign and Malignant Central Airway Abnormalities.
10:50 – 11:00 am SSK11-03 E451B	<b>Hakime A*</b> , Naully D, <b>Goldberg SN, Peddi H, Kruskal JB</b> , DeBaere T, <b>Raptopoulos V</b> , et al. Multislice CT Perfusion Imaging Enables Reliable Determination of Pharmacologically Mediated Blood Flow Changes in an Animal Tumor Model. <i>*Awarded RSNA Research Trainee Prize 2005</i>
11:00-11:10 am SSK18-04 S402AB	<b>Kruskal JB, Hallett D, Yam CS, Sosna J</b> . Application of Quality Metrics for Resolving the Problem of "Lost" Cases on a Picture Archiving and Communication System.
11:00-11:10 am SSK05-04 E352	<b>Nishino M, Siewert B</b> , Roberts DH, <b>Boiselle PM, Raptopoulos V, Hatabu H</b> . Excessive Collapsibility of Bronchi in Bronchiectasis: Evaluation on Volumetric Expiratory High-Resolution CT with Functional Correlation.
11:40 – 11:50 am TA32 S101AB	<b>Kruskal JB</b> , Thomas P, <b>Goldberg SN</b> . 4D Imaging of Hepatic Stellate Cells during Formation of Colorectal Cancer Metastases: A Novel Application for Molecular Imaging.
11:50 am–12:00 pm TA32 S101AB	<b>Hakime A, Peddi H</b> , Atkins M, Sukhatme V, Signoretti S, <b>Goldberg SN</b> . Combination of Radiofrequency with Antiangiogenic Therapy Increases Tumor Ablation Frequency.
11:50 am – 12:00 pm SSK11-09 E451B	<b>Siewert B, Hill TC, Raptopoulos V, Kruskal JB</b> Added Value of Contrast Enhancement for PET-CT in the Management of Patients with Colon Cancer.
4:30-6:00 pm SFN01 S406B	<b>Burstein D</b> , Gold G, Hargreaves B, Mosher T, Presenters. PLENARY SESSION: MR Imaging of articular cartilage: Morphological and Functional Assessment.

Thursday, December 1, 2005	
8:30 – 10:00 am RC614 S501ABC	<b>Lang EV</b> , Mason K, Terwey B, Presenters. REFRESHER COURSE: Sedation in Radiologic Practice.
8:30 – 10:00 am RC602A S404CD	<b>Boiselle P</b> , Presenter. REFRESHER COURSE: Electronic Evaluations: Wave of the Future?

Thursday, December 1, 2005	
11:20 – 11:30 am SSQ19-06 S405AB	Kimelman T, Vu A, Storey P, <b>McKenzie C, Burstein D</b> , Prasad P. Fast 3D T1 Mapping for dGEMRIC Using Look-Locker Technique at 3.0 T.
11:40 – 11:50 am SSQ08-08 E450A	<b>Brennan DD, Kruskal JB, Zamboni G, Appelbaum L, Raptopoulos V</b> . Virtual Hepatic Metastasectomy from Volumetric 64-row MDCT Datasets: Extending the Role of Preoperative Imaging
11:50 am – 12:00 pm SSQ05-09 E353A	<b>Raptopoulos V, Kataoka ML, Brennan DD, Siewert B, Wei J, Kruskal JB</b> . Early Pancreatic Phase Scanning for Detection Of Pancreatic Adenocarcinoma Using 16-Row and 64-Row MDCT.
4:30 – 6:00 pm RC 712A N228	<b>Rofsky N</b> , Presenter. REFRESHER COURSE: Acute Aortic Syndromes.
4:30 – 6:00 pm RC709A E450A	<b>Pedrosa I</b> , Presenter. REFRESHER COURSE: Pancreaticobiliary MR Imaging: Technique and Advanced Imaging.
4:30-6:00 pm RC750 E260	<b>Goldberg SN</b> , Presenter. REFRESHER COURSE: RF Ablation: Principles, Techniques, Equipment and Tricks of the Trade: A "Hands-on" Workshop.

Friday, December 2, 2005	
8:30 – 10:00 am TA51 S101AB	<b>Goldberg SN</b> , Moderator. Session: Tumor Ablation Science.
9:10 – 9:30 am TA51 S101AB	<b>Goldberg SN</b> . Adjuvant strategies for thermal ablation.
9:30 – 9:40 am TA51 S101AB	<b>Peddi H, Mertyna P, Horkan C</b> , Kaplan I, Dupuy D, <b>Goldberg SN</b> . RF Ablation with Adjuvant Therapy: Comparison of External Beam Radiation (XRT) and Liposomal doxorubicin (Doxil) on Ablation Efficacy in an Animal Tumor Model.
11:00-11:10 am SST08-04 E450B	<b>Siewert B, Sun M, Kruskal JB, Kane RA</b> . Gallbladder Polyps on Abdominal Ultrasound: Why Bother?
11:20 – 11:30 am SST02-06 E350	<b>Mertyna P, Oeddi H, Liu Z, Pirani N, Ahmed M, Goldberg SN</b> . Marked differences in tumor sensitivity to RF ablation with and without liposomal chemotherapy.