





Guide to BIDMC Radiology

Scientific Sessions, Courses & Exhibits



RSNA 2014 Radiological Society of North America 100th Scientific Assembly and Annual Meeting Sunday, November 30th - Friday, December 5th, 2014 McCormick Place, Chicago, Illinois

Sunday, November 30, 2014	
SSA22-05 10:45-12:15 PM S104A	ISP: Radiation Oncology and Radiobiology (Lung Cancer) Technical Success and Safety of Transbronchial versus Percutaneous Fiducial Placement for CyberKnife Radiotherapy of Lung Tumors. <u>Deirdre E. Moran</u> , Robert G. Sheiman , Olga R. Brook , Maryellen R. Sun , Anand Mahadevan, Bettina Siewert
SSA04-03 10:45-12:15 PM S404CD	<i>Chest (Lung Cancer Screening)</i> Trends in CT Screening for Lung Cancer at Leading Academic Medical Centers. Phillip M. Boiselle , Caroline Chiles, James G. Ravenel, Charles S. White
INE003-b 12:30-1:00 PM Learning Center, Hall D	INS-SUA Informatics Sunday Poster Discussions Improving Peer Review Compliance: A Novel Solution for Anonymous Review on PACS. Chun-Shan Yam, Bettina Siewert , Jonathan Yam, Jonathan B. Kruskal , <u>Seth J. Berkowitz</u>
HPS140 1:00-1:30 PM Learning Center, Hall D	HPS-SUB Health Services Sunday Poster Discussions Probable Benign Hepatic and Renal Extracolonic findings Drive Variability in Recommendations for Follow-up of between the National CT Colonography Screening Trial and a Consensus Panel. Hanna M. Zafar, Ilana F. Gareen, Jorean Sicks, Amy K. Hara, Bettina Siewert , William C. Black, Judy Yee
VSPD12 2:00-3:30 PM S102AB	Pediatric Series: Pancreas: Fetal/Neonatal Deborah Levine , Daniela Prayer - Moderators
RC101D 2:00-3:30 PM S406B	Pulmonary Thromboembolism: Concepts and Controversies 2014 Optimizing CTPA: Radiation Dose Reduction - Diana Litmanovich



The Department of Radiology 19th Annual Alumni Cocktail Reception Beth Israel Deaconess Medical Center

Dr. Jonathan Kruskal ど The Department of Radiology request the honor of your presence

Tuesday, December 2nd, 2014 6:00 pm to 8:00 pm

University Club of Chicago 76 East Monroe Street Business or business casual attire, no jeans

Monday, December 1, 2014		
SSC04 10:30-12:00 PM E353A	<u>Gastrointestinal (Pancreas Cancer)</u> Desiree E Morgan, Koenraad J Mortele , moderators	
SSC08-07 10:30-12:00 PM E450B	ISP: Musculoskeletal (Advanced Cartilage Imaging) Changes in Delayed Gadolinium-enhanced MRI of Cartilage (dGEMRIC) Indices and the Association with Cartilage Loss in the Tibiofemoral Compartments over 1 Year: a 3.0T MRI Study. Michel D. Crema, David J. Hunter, Deborah Burstein , Frank W. Roemer, Jose Roberto Silva, Ali Guermazi	
CHS242 12:15-12:45 PM Learning Center, Hall D	CHS-MOA Chest Monday Poster Discussions Lung Volume and Heterogeneity: CT Quantification of Lobar Contribution. <u>Mario Silva</u> , Stefan F. Nemec, <u>Benedikt H. Heidinger</u> , <u>Mariaelena Occhipinti</u> , Valerie Dufresne, Francesco Molinari, Alexander A. Bankier	
MIS125 12:15-12:45 PM S503AB	MIS-MOA Molecular Imaging Monday Poster Discussions Characterization of Glycolytic Activity and Perfusion in a Renal Cell Carcinoma Mouse Model during Sunitinib Response and Resistance with Hyperpolarized 13-C-pyruvate MRI. Leo L. Tsai, Xiaoen Wang, Gopal Varma, Rupal Bhatt, David C. Alsop, Aaron K. Grant	
MSCT21 1:30-3:00 PM S100AB	Case-based Review of Thoracic Radiology (An interactive Session) Diana Litmanovich - Moderator	
SSE15-01 3:00-4:00 PM E451B	Musculoskeletal (Foot and Ankle) Imaging of Adult Flatfoot: Correlation of Radiographic Measurements with MRI. <u>Yu-Ching Lin</u> , Jennifer Ní Mhuircheartaigh , Joshua Lamb, Justin W. Kung , Corrie M. Yablon, Jim S. Wu	
MSCT22 3:30-5:00 PM S100AB	Case-based Review of Thoracic Radiology (An interactive Session) Diana Litmanovich - Moderator MSCT22C Aortic and Pulmonary Arterial Disorders - Diana Litmanovich	

Tuesday, December 2, 2014		
MSQ131 8:30 -10:00 AM S406B	Quality Improvement in Your Practice: Fundamentals of Lean - What, How, and Why now? Ella A Kazerooni, James V Rawson, Jonathan B. Kruskal - Moderators	
MSQ131A	Why Lean? The Fundamentals of a Lean Approach; Key Lean Management Principles - Jonathan B. Kruskal	
VSCH31 8:30 AM -12:00 PM S405AB	Chest Series: Pancreas: Thoracic CT and MR Imaging: State of the Art Quantitative CT for COPD - Alexander Bankier	
VSBR31-08 8:30-12:00 PM Arie Crown Theater	Breast Series: Emerging Technologies in Breast Imaging Radiation Dose during Screening Digital Breast Tomosynthesis: Does Patient Age, Compression Thickness or Breast Tissue Density Matter? <u>Francesca Proulx</u> , Shambhavi Venkataraman , <u>Richard E.</u> <u>Sharpe</u> , Alexander Brook , Vandana M. Dialani , Valerie J. Fein- Zachary , Priscilla J. Slanetz , Tejas S. Mehta	
SSG01-09 10:30-12:00 PM E451A	Breast Imaging (Diagnostics and Treatment Monitoring) Are Incidental Hepatic Lesions on Breast MRI Clinically Significant? <u>Mark Knox</u> , Priscilla J. Slanetz , <u>Richard E. Sharpe</u> , Vandana M. Dialani, Shambhavi Venkataraman, Jordana Phillips, Valerie J. Fein-Zachary, Tejas S. Mehta	
HPS161 12:45-1:15 PM Learning Center, Hall D	HPS-TUB Health Services Tuesday Poster Discussions 30-day Readmission Rate following Transjugular Intrahepatic Portosystemic Shunt (TIPS) Placement: A Single Center Experience. Ammar Sarwar, Elliot Tapper, Douglas Grunwald, Salomao Faintuch, Raza Malik, Muneeb Ahmed	
SSJ02 3:00-4:00 PM E450A	ISP: Breast Imaging (CT/Contrast) John M. Lewin, Priscilla J. Slanetz , moderators	
SSJ09-03 3:00-4:00 PM E450B	Gastrointestinal (Pancreas Focal Lesions) Incremental Value of Secretin-Enhanced Magnetic Resonance Cholangiopancreatography in the Screening of Asymptomatic Individuals with High Risk of Pancreatic Cancer. Neda Rastegar, Luciana Athayde, John Eng, Naoki Takahashi, Eric P. Tamm, Koenraad J. Mortele , Sapna Syngal, Elliot K. Fishman, Marcia I. Canto, Ihab R. Kamel	



Wednesday, December 3, 2014		
RC508B 8:30-10:00 AM E450B	Multimodality Imaging of the Acute Female Pelvis: US, CT and MRI (An interactive Session) US of Gyneclogical Emergencies - Robin B. Levenson	
VSIR41-08 8:30-12:00 PM E352	Interventional Series: Non-Vascular Interventions Change in Management as a Result of Culture Obtained during CT- Guided Drainage in Patients Who Receive Pre-Drainage Antibiotics. <u>Kathryn L. McGillen</u> , Ruvandhi Nathavitharana, Alexander Brook , Maryellen R. Sun , Bettina Siewert , Vassilios D. Raptopoulos , Robert A. Kane , Robert G. Sheiman , Olga R. Brook	
SSK01-01 10:30-12:00 PM Arie Crown Theater	Breast Imaging (Tomosynthesis Screening) Abnormalities Seen on Screening 3D Digital Breast Tomosynthesis: Is Additional Diagnostic Mammography Always Necessary? <u>Richard E. Sharpe</u> , Shambhavi Venkataraman , Jordana Phillips , Vandana M. Dialani, Valerie J. Fein-Zachary, Seema Prakash , Priscilla J. Slanetz , Tejas S. Mehta	
SSK05-06 10:30-12:00 PM S404CD	Chest (Emphysema/Airway) Longitudinal Assessment of Tissue Loss and Air-trapping in Functionally Stable Lung Transplant Recipients Using Quantitative CT Measurements. <u>Mario Silva</u> , Daniela Kienzl, Christina Mueller- Mang, Peter Jaksch, Klepetko Walter, Alexander A. Bankier	
SSK16-04 10:30-12:00 PM N226	Neuroradiology (Advanced Neuroimaging of Alzheimer's Disease) Application of a Support Vector Machine Learning Algorithm Towards the Accurate Identification of Alzheimer's Dementia with Perfusion Arterial Spin Labeled MR Imaging. Cyrus Raji, Weiying Dai , Oscar Lopez, H. Michael Gach, Lewis H. Kuller, Paul Thompson, Michael D. Kuo, James T. Becker	
INE032-b 12:15-12:45 PM Learning Center, Hall D	INS-WEA Informatics Wednesday Poster Discussions Interactive Web Application for Asynchronous Active Learning in Radiology. <u>Seth J. Berkowitz</u> , <u>David A. Glazier</u> , Jonathan B. Kruskal	
NRS434 12:15-12:45 PM Learning Center, Hall D	NRS-WEA Neuroradiology Wednesday Poster Discussions Application of a Support Vector Machine Learning Algorithm towards the Accurate Identification of Alzheimer's Dementia with Perfusion Arterial Spin Labeled MR Imaging. Cyrus Raji, Weiying Dai , Oscar Lopez, H. Michael Gach, Lewis H. Kuller, Paul Thompson, Michael D. Kuo, James T. Becker	
GIE271 12:45-1:15 PM Learning Center, Hall D	GIS-WEB Gastrointestinal Wednesday Poster Discussions The Hepatoduodenal Ligament Revealed: Cross-Sectional Imaging Spectrum of Anatomical Variants, Diseases and Neoplasms. Daniel A. Souza, Amin S. Chaoui, <u>Mark Knox</u> , <u>Deirdre E. Moran</u> , Aleksandar Ivanovic, Koenraad J. Mortele	

Wednesday, De	cember 3, 2014 (cont'd)	
VSIO41 1:30-5:00 PM S405AB	Interventional Oncology Series: Mechanisms Matter: Basic So Every IO Should Know S. Nahum Goldberg - Moderator	ciene
	VSIO41-04 Combination Ablation with Nanodrugs: Free Radicals, Heat Shock Proteins, Hif-1a and Be S. Nahum Goldberg	
	VSIO41-07 Systemic Implications of IO Therapies: Increa Tumorigenesis? - Muneeb Ahmed	ased
MSRP41 1:30-5:00 PM E451B	RSNA Resident and Fellow Symposium (An Interactive Session MSRP41-02 Why I Joined an Academic Practice - <u>Richard E Sharpe</u> , Tejas S. Mehta	ז)
	MSRP41-04 Practice Experts Answer Your Questions - Tejas S. Mehta , Paul H. Ellenbogen	
SSM02-03 3:00-4:00 PM E451A	Breast Imaging (Biopsy Techniques) Proposed Breast Biopsy Performance Benchmarks for MRI Based on an Audit of a Large Academic Center. <u>Neda I. Sedora-</u> <u>Roman</u> , Vandana M. Dialani, <u>Richard E. Sharpe</u> , Shambhavi Venkataraman, Priscilla J. Slanetz, Valerie J. Fein-Zachary, Jordana Phillips, Tejas S. Mehta	
Thursday, Dece	mber 4, 2014	
RC631 8:30-10:00 AM S502AB	Tumor Abation beyond the Liver: Practical Techniques for Su (How-to Workshop) Debra A Gervais, Terrnce T Healey, Anil N Kurup, Muneeb - Moderators	
RC601B 8:30-10:00 AM E353C	Chest Imaging: How Radiologic-Pathologic Correlation Info Interpretation Diseases of the Small Airways - Phillip M Boiselle	orms
VIS261 12:15-12:45 PM	VIS-THA Vascular/Interventional Thursday Poster Discussion Clinical Outcomes in Primary Hyperaldosteronism Treatm	

VIS261 12:15-12:45 PM Learning Center, Hall D	VIS-THA Vascular/Interventional Thursday Poster Discussions Clinical Outcomes in Primary Hyperaldosteronism Treatment: Radiofrequency Ablation vs. Adrenalectomy vs. Medical Therapy. Ammar Sarwar , Ari C. Sacks, Olga R. Brook , <u>Erica A. Gupta</u> , Nahum Goldberg, Barry A. Sacks , Muneeb Ahmed , Salomao Faintuch
QSE010-b 12:45-1:15 PM Learning Center, Hall D	QSE-THB Quality Storyboards Thursday Poster Discussions Incorporating Consensus-Oriented Contemporaneous Peer- Review into a Breast Imaging Practice. Jordana Phillips, Tejas S. Mehta, Shambhavi Venkataraman, Richard E. Sharpe, Vandana M. Dialani, Seema Prakash, Valerie J. Fein-Zachary, Priscilla J. Slanetz, Chun-Shan Yam, Jonathan B. Kruskal

Thursday, December 4, 2014 (cont'd)	
RC752 4:30-6:00 PM E264	US-guided Interventional Breast Procedures (Hands-on Workshop) Jocelyn A Rapelyea, Margaret M Szabunio, Liane E Philpotts, Shambhavi Venkataraman - Moderators
RC716C 4:30-6:00 PM S403A	Mitigation of Litigation (Sponsored by the RSNA Professionalism Committee) Expert Witness Testimony: Issues of Ethics, Equality, Qualifications etc for Being an Expert Witness - Ronald L Eisenberg
RC752 4:30-6:00 PM E264	US-guided Interventional Breast Procedures (Hands-on Workshop) Jocelyn A. Rapelyea, Margaret M. Szabunio, Liane E. Philpotts, Shambhavi Venkataraman , Angelique C. Floerke, Rachel F. Brem, Karen S. Johnson, Nicole S. Lewis - Faculty

Friday, December 5, 2014	
RC809C 8:30-10:00 AM N230	Pitfalls in Abdominal Imaging Refresher Course Pitfalls in Hepatic Doppler Sonography - Jonathan B. Kruskal
RC824 8:30-10:00 AM E353A	Publishing in Radiology: What You Always Wanted to Know and Never Asked. Herbert Y. Kressel, Deborah Levine, Alexander A. Bankier, Elkan F Halpern, David F Kallmes - Faculty
SST01-09 10:30-12:00 PM E450B	Breast Imaging (Multi-Modality Imaging) Does Breast Arterial Calcifications on Mammography Predict Elevated Risk of Developing Symptomatic Coronary Artery Disease? <u>Tamuna Chadashvili</u> , Priscilla J. Slanetz , Diana Litmanovich, Ferris M. Hall
SST10-02 10:30-12:00 PM N227	Neuroradiology (Advances in Neuro CT Imaging) Performance of Integrated Circuit Detectors in Head CT: Objective and Subjective Image Quality in Comparison to Conventional Detector Design. Harald Brodoefel, Andreas Korn, Benjamin Bender, Rafeeque A. Bhadelia , Peter Heiss, Ulrike Ernemann
SST16-04 10:30-12:00 PM E352	Vascular/Interventional (IR: GI and Hepatobiliary Interventions) Primary Hepatic Arterial Stenting in Patients after Liver Transplantation: 1 Year Patency Rates and Long Term Clinical Outcomes. Ammar Sarwar, Ian M. Brennan, Olga R. Brook, Felipe B. Collares, Salomao Faintuch, Barry A. Sacks, Muneeb Ahmed



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Poster Exhibits with Discussions

VIS261 12:15-12:45 PM Thurs 12/03 Learning Center, Hall D	VIS-THA Vascular/Interventional Thursday Poster Discussions Clinical Outcomes in Primary Hyperaldosteronism Treatment: Radiofrequency Ablation vs. Adrenalectomy vs. Medical Therapy. Ammar Sarwar, Ari C. Sacks, Olga R. Brook, <u>Erica A. Gupta</u> , Nahum Goldberg, Barry A. Sacks, Muneeb Ahmed, Salomao Faintuch
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Education Exhibits - Lakeside Learning Center

(Alphabetical by 1st author) Sun 8:00 am - 6:00 pm • Mon-Thu 7:00 am -10 pm • Fri 7:00 am - 12:45 pm

BRE136	Optimizing Digital Mammographic Image Quality: Common Artifacts Encountered During the QC Process [E poster] <u>Rashmi Jayadevan</u> , M. Julie Armada , Rola M. Shaheen, Constance Mulcahy, Priscilla J. Slanetz
CHE186	Imaging the Central Airways Gently and Wisely by Using MRI. <u>Pierluigi Ciet</u> , Diana Litmanovich, Phillip M. Boiselle , Edward Y. Lee, Piotr A. Wielopolski, Harm A. Tiddens
EDE001-b	Breast Case of the Day. Susan O. Holley, Michelle V. Lee, E. Jane Karimova , Matthew S. Clower, Rachel U. Loomans, Hillary L. Shaw, Catherine M. Appleton
ERE100	Acute Pancreatitis: Imaging Indications and Potential Complications. Jason DiPoce, Yehuda Malul, <u>Nadia Caplan</u> , Harold Jacob
ERE130	Getting to the Heart of the Matter: Cardiac Findings on Non-Gated Chest CTA in the ED. <u>D. Amanda Rigas</u> , Robin B. Levenson , Karen S. Lee
HPE125	Focused Professional Practice Evaluation (FPPE) of Radiologists - A CMS and Joint Commission Requirement. Jonathan B. Kruskal
HPE134	The Anatomy and Essential Components for a Successful Practice Quality Improvement Project. Jonathan B. Kruskal , David B. Larson
MKE169 🙀	Foot for Thought: Metatarsalgia Imaging and Intervention. Heba Almutairi, <u>Almamoon I. Justaniah</u> , Robert J. French, Dmitry Elentuck
MSE142	It's Alive!!! How to Use a Simple Tissue Phantom to Teach Liver Biopsy, Abscess Drainage and Percutaneous Cholecystostomy Procedures. Maryellen R. Sun, Bettina Siewert, <u>Hannah Perry</u>
NRE120	The Fascinating Art and Science of Myelography: From Bygone to Modern Era. Nagamani Peri, Rafael Rojas , Steve Reddy

NRE333 NR Community, Learning Center	A "Window" into Temporal Bone Pathology: Imaging of the Normal Anatomy and Pathology of the Oval and Round Windows of the Temporal Bone. Behroze Vachha, Azita S Khorsandi, Gul Moonis	CM
NRE385 NR Community, Learning Center	Vascular Anomalies of the Spine: A Simplified Approach. <u>Neda I Sedora-Roman</u> , Sachin Pandey, Ajith Thomas, Gul Moonis	

BIDMC at RSNA 2014

Bettina Siewert - Chair, General RadioGraphics Muneeb Ahmed (General RG) Ferris Hall (General RG) Maryellen Sun - (General RG)

Diana E. Litmanovich (Cardiovascular)

Robin Levenson (Emergency Rad)

Mary G. Hochman (MSK) Jim S. Wu (MSK)

Gul Moonis (Neuro)

Jonathan Kruskal - Chair, Quality Initiatives Olga Brook (QI, also *RSNA Quality Improvement Committee*) Ronald Eisenberg (QI) Justin Kung (QI) Tejas Mehta (QI) Ammar Sarwar, Trainee Member (QI) Jacob Sosna (QI)



Salomao Faintuch, MD -

Chairman, Editorial Board - RSNA Daily Bulletin Member - RSNA Publications Council Member - RSNA Public Information Committee



Congratulations to Cardiothoracic Imaging Section Chief **Alexander Bankier, MD PhD** for earning a 2014 *RSNA Honored Educator Award*. Established in 2011, the RSNA Honored Educator Award recognizes RSNA members who have produced an array of RSNA educational resources in the past calendar year and serves as a benchmark of academic productivity in support of a meaningful and successful radiology career. This award is doubly significant for Alex as he also received this award in 2013!

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Selection Panel

This Exhibit has

for publication in

been recommended

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*BIDMC Faculty on RadioGraphics Selection Panels