### CASE(S) OF THE DAY: Sunday - Thursday  ALL DAY at THE LEARNING CENTER

| ED014-SU | Ultrasound - Aya Kamaya, Nirvikar Dahiyah, Shweta Bhatt, Jade J. Wong-You-Cheong, Maryellen R. Sun, Robert A. Kane, Linda N. Morimoto, Jennifer A. Steinkeler, Christopher Czaplicki, Maitray D. Patel, Scott W. Young, Jeffry S. Kriegshauser, Amelia Wnorowski |
| ED007-SU | Interventional Radiology - Anne M. Covey, Muneeb Ahmed, Bradley B. Pua, John A. Kaufman |

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### Sunday, November 27, 2016

**Films**

- **SSA24**
  - **10:45-12:15 PM**
  - E330
  - **VIR (Portal Vein Imaging and Intervention)**
  - Inpatient Mortality is Higher in Hospitals with Low Annual TIPS Volume. Lujia Zhou, Ammar Sarwar, Elliot Tapper, Raza Malik, Muneeb Ahmed

- **SSA24-02**
  - **10:45-12:15 PM**
  - E330

- **SSA11-02**
  - **10:45-12:15 PM**
  - E333B
  - **GU (Imaging of Gynecological Malignancy)**

- **SSA14-07**
  - **10:45-12:15 PM**
  - S406A
  - **Science Session with Keynote: Musculoskeletal (Metabolic and Systemic Processes: Effects on the Musculoskeletal System and Beyond)**
  - Progressive Depletion of Skeletal Muscle and of Muscle Quality Predicts Survival of Colorectal Cancer Patients - Colm J. McMahon, Yu-Ching Lin, Chih Ying Deng*, Kun-Yun Yeh, Yun-Chung Cheung, Jim S. Wu.

- **MK298-SD-SUB4**
  - **1:00-1:30 PM**
  - MK Community Learning Center
  - **MSK Sunday Poster Discussions:**
  - Progressive Depletion of Skeletal Muscle and of Muscle Quality Predicts Survival of Colorectal Cancer Patients - Colm J. McMahon, Yu-Ching Lin, Chih Ying Deng*, Kun-Yun Yeh, Yun-Chung Cheung, Jim S. Wu.

- **VSIO11**
  - **1:30-6:00 PM**
  - S405AB
  - **IR Oncology Series: Renal and GU Tumors**

- **VSIO11-18**
  - **1:30-6:00 PM**
  - S405AB

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### Monday, November 28, 2016

**Films**

- **SPSH21**
  - **7:15-8:15 AM**
  - E450B
  - **HOT TOPIC Session: Zika Virus: What the Radiologist Needs to Know.** Deborah Levine - Moderator
  - Introduction: Why is Zika from an Imaging Perspective So Different from other Congenital Infections - Deborah Levine

- **RC 201B**
  - **8:30-10:00 AM**
  - E353C
  - **Refresher Course: Smoking Related Lung Disease:** Radiologic-Pathologic Correlation CT Definable Subtypes of COPD - Alexander A. Bankier

- **SSC06-08**
  - **10:30-12:00 PM**
  - N228
  - **Genitourinary (Renal and Adrenal Imaging)**

- **VI233-SD-MQA4**
  - **12:15-12:45 PM**
  - VI Community Learning Center
  - **VIR Monday Poster Discussions**

- **PH227-SD-MOB8**
  - **12:45-1:15 PM**
  - PH Community Learning Center

- **ER214-SD-MOB2**
  - **12:45-1:15 PM**
  - ER Community Learning Center
  - **Emergency Radiology Monday Poster Discussions**

- **MSCT21**
  - **1:30-3:00 PM**
  - S100AB
  - **Case-based Review of Thoracic Radiology (An interactive Session)**
  - Diana Litmanovich - Moderator

- **TMIST**
  - **1:30-2:30 PM**
  - W470A
  - **TMIST Satellite Session One**
  - Presented by Lead Investigator Etta Pisano
Monday, November 28, 2016 (cont’d)

**SSE08-05** 3:00-4:00 PM E353C  
Gastrointestinal (Gall Bladder and Biliary Imaging)  
Non-specific Common Bile Duct Dilatation on Ultrasound: Yield of Subsequent MRCP and Role in Patient Management. *Kristy Lee,* Katherine M. Troy, Jesse L. Wei, Karen S. Lee, Alexander Brook, Maryellen R. Sun, Koenraad J. Mortele

**SSE23-05** 3:00-4:00 PM S404AB  
Physics (Dose in Radiography, Fluoro and Mammmo): Phantom Estimated Dose Comparison between Contrast Enhanced Spectral Mammography (CESM) and Established X-ray Breast Screening Modalities. *Georgetta Mihai, Jordana Phillips, Matthew R. Palmer, Da Zhang*

**MSCT22A** 3:30-5:00 PM S100AB  
Case-based Review of Thoracic Radiology  
**Diana Litmanovich** - Moderator  
Airway Disorders - **Diana Litmanovich**

**SPS123** 4:30-6:00 PM E350  
Special Interest Session: Imaging Cognition 2016: Psychosis  
**David B. Hackney,** Leo P. Sugrue – Moderators

Tuesday, November 29, 2016

**RC331** 8:30-10:00 AM S104A  
Refresher Course: Tumor Ablation beyond the Liver: Practical Techniques for Success. Faculty: Debra A. Gervais, Terrance T. Healey, Anil N. Kurup, Muneeb Ahmed

**RC307** 8:30 AM -10:00 AM S405AB  
Refresher Course: Predicting Outcomes for Genitourinary Malignancies: Role of Radiomics in Clinical Practice  
Faculty: Ivan Pedrosa, Maryellen Sun, Masoom A. Haider

**RC315-17** 8:30-12:00 PM Ari Crown Theater  
Breast Series: MRI Emerging Technology in Breast Imaging  

**MSQ132** 10:30-12:00 PM S406B  
Quality Improvement Symposium: Measuring Value  
Patient Perspective - **Olga R. Brook**  
How a Radiology Department Measures and Tracks Values - **Jonathan B. Kruskal**

**SSG06-07** 10:30-12:00 PM S102D  
Science Session with Keynote: Health Service, Policy and Research (Quality) Authority Gradients in an Academic Radiology Department: A Safety Hazard? - **Bettina Siewert, Olga R. Brook, Ronald L. Eisenberg, Mary G. Hochman**

**SSG07** 10:30-12:00 PM S402AB  
Informatics (Results and Reporting)  
Aron Makori, **Tejas S. Mehta** - Moderators

**SSG14-02** 10:30-12:00 PM SS405B  
Physics (MR Applications): Quantifying Intracellular pH Changes in Breast Tumors during Administration of pH Modulating Agents using Chemical Exchange Saturation Transfer (CEST) MRI. *Matthew M. Miller, Gopal Varma,* Xiaoyan Wang, Han Xie, Gerburg Wulf, Pankaj Seth, *David C. Alsolp, Aaron K. Grant,* Vikas Sukhatme

**IR35** 11:15-11:45 AM N133  
International Efforts in Academic Radiology (By Invitation Only)  
**Alexander A. Bankier** – Moderator

**QS015-EB-TUA7** 12:15-12:45 PM QS Community Learning Center  
Quality Storyboards Tuesday Poster Discussions  
Improving Patient Care by Effective Communication of PICC Line Placement - **Ronald L. Eisenberg, Benedikt H. Heidinger**

**MK320-SD-TUA7** 12:15-12:45 PM MK Community Learning Center  
Musculoskeletal Tuesday Poster Discussions  
Comparing CT Derived Measures of Sarcopenia with Serum Biomarkers for Prediction of Survival in Patients with Colorectal Cancer - Chih-Ying Deng, Jim S. Wu, Yu-Ching Lin, Kun-Yun Yeh, Yu-Chung Cheung, Yu-Hsiang Juan, Colm J. McMahon

**HP224-SD-TUB4** 12:45-1:15 PM HP Community Learning Center  
Health Service, Policy and Research Tuesday Poster Discussions  
Patient Satisfaction in Radiology: Where Should We Improve? - Johannes Boos, Jieming Fang, Aideen Snell, Alexander Brook, Ronald L. Eisenberg, Olga R. Brook

**VI159-ED-TUB7** 12:45-1:15 PM VI Community Learning Center  
Vascular Interventional Tuesday Poster Discussions  
Vascular Closure Devices from Wrist to Groin: A 2016 Update - Diane Szafarski, Sameer Mittal, Ahmed Fadl, Achal Shah, Nicholas A. Georgiou, Jason C. Hoffmann, Osama Hussaini

**MSQI33** 1:30-3:00 PM S406B  
Quality Improvement Symposium:  
Quality and Value: Learning from Mistakes - **Olga R. Brook** - Moderator

**IR38** 2:00-3:30 PM N133  
Research Workshop Part I (By Invitation Only)  
Johan G. Blickman, Mark Cresswell, **Alexander A. Bankier** – Moderators

**SSJ01** 3:00-4:00 PM Arie Crown Theater  
Science Session with Keynote:  
Breast Imaging (Contrast Mammography/CT)  
John M. Lewin, **Priscilla J. Slanetz** - Moderators

**MSE534D** 3:30-5:00 PM S100AB  
Essentials of Chest Imaging  
Imaging of Patients with Hemoptyosis - *Diana Litmanovich*

**RC416C** 4:30-6:00 PM N230B  
Refresher Course: Mitigation of Litigation (Sponsored by the RSNA Professionalism Committee)  
Expert Witness Testimony: Ethics and Qualifications for Being an Expert Witness - **Ronald L. Eisenberg**

**RC424** 4:30-6:00 PM S502AB  
Refresher Course: How to Use the STARD (Standards for Reporting Diagnostic Accuracy Studies) and PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) Reporting Guidelines to Optimize Your Manuscript for Publication in Radiology  
**Deborah Levine** - Moderator

**RC424A**  
Why Reporting Guidelines are Useful - **Herbert Y. Kressel**  
Putting it All Together - **Deborah Levine**
Wednesday, November 30, 2016

RC524
8:30-10:00 AM
S504AB
RC524A
Refresher Course: Becoming a Reviewer for the RSNA Journals (Sponsored by the RSNA Publications Council)
Herbert Y. Kressel - Moderator
Reviewing for Radiology: Editor's Perspective - Herbert Y. Kressel

SSK07
10:30-12:00 PM
E353B
Gastrointestinal (Pancreas)
Koenraad J. Mortele, Aliya Qayyum – Moderators

BR265-SD-WEB7
12:45-1:15 PM
Br Community Learning Center
Breast Wednesday Poster Discussions
Communication of Breast Biopsy Results to Patients: A Survey of Providers’ Preferences from an Academic Center with Large Community Network. Suma Chandra, Jordana Phillips, Tejas S. Mehta, Vandana M. Dialani, Valerie J. Fein-Zachary

GI397-SD-WEB4
12:45-1:15 PM
GI Community Learning Center
GIS-WEB: Gastrointestinal Wednesday Poster Discussions
Diffusion Weighted Magnetic Resonance Imaging of Pancreatic Ductal Adenocarcinoma: Correlation with Metastatic Disease Potential - Trevor Morrison, Alejandro Garces-Descovich, Arthur Moser, Koenraad J. Mortele

VSIO41
1:30-6:00 PM
S405AB
Interventional Oncology Series:
Mechanisms Matter: Basic Science Every IO Should Know - S. Nahum Goldberg – Moderator
Systemic Implications of IO Therapies: Increased Tumorigenesis? - Muneeb Ahmed
Targeting STAT3 to Suppress the Systemic Pro-Oncogenic Effects of Hepatic RF Ablation - Gaurav Kumar, S. Nahum Goldberg, Ethian Galun, Muneeb Ahmed

SSM03
3:00-4:00 PM
S502AB
Cardiac (Acute Chest Pain/PulmoNary Vascular Disease)
Istvan Battyani, E. Kent Yucel, Diana Litmanovich – Moderators

SSM13-04
3:00-4:00 PM
S504CD
Molecular Imaging (Urology/Prostate)
Hyperpolarized 13C-Tert-Butanol MRI Perfusion Mapping and Microvessel Density in Sunitinib-Treated Renal Cell Carcinoma Xenografts: Rad-Path Correlation in the Characterization of Intratumoral Heterogeneity and Pre- and Post-Treatment Change. Patricia Coutinho De Souza, Aaron K. Grant, Xiaoen Wang, Rupal Bhatt, Gopal Varma, David C. Alsop, Leo L. Tsai

Thursday, December 1, 2016

RC612-04
8:30-12:00 PM
E352
Refresher Course: Vascular Series: CT Angiography: New Techniques and Their Application
Pros and Cons of Dual-Energy CT Metal Artifact Reduction Algorithm in Patients after Endovascular Aortic Repair - Johannes Boos, Jieming Fang, Benedikt H. Heidinger, Vassilios D. Raptopoulos, Olga R. Brook

RC750
4:30-6:00 PM
E260
Refresher Course: MR Imaging-guided Breast Biopsy (Hands-on)

RC752
4:30-6:00 PM
E264
Refresher Course: US-guided Interventional Breast Procedures (Hands-on)
Faculty: Jocelyn A. Rapelyea, Margaret M. Szabunio, Shambhavi Venkataraman, Angelique C. Floerke, Rachel F. Brem, Karen S. Johnson, Nicole S. Lewis, Kathleen R. Gundry, Michael N. Linver, Christina G. Marks, Caroline M. Ling, Jessica Torrente, Tilden L. Childs III, Evguenia J. Karimova

RC729C
4:30-6:00 PM
N230B
Refresher Course: Pancreatic Imaging Update: Spotlight on MRI (An Interactive Session)
The Inflamed Pancreas: Pearls and Perils - Koenraad J. Mortele

Friday, December 2, 2016

RC809B
8:30-10:00 AM
E353B
Refresher Course: Six Common Difficult Problems in GI and GU MRI: The Expert’s Approach
Is MRI Needed to Further Evaluate a CT Indeterminate Renal Mass? - Maryellen Sun

SST06
10:30-12:00 PM
E451A
Science Session with Keynote: Musculoskeletal (Technique and Outcome in Intervention)
SST06-03
SST06-04
Utility of Core Needle Rebiopsy of Initially Non-Diagnostic Musculoskeletal Lesions - Jim S. Wu, Colm J. McMahon, Santiago Lozano-Calderon, Justin W. Kung

SST08-04
10:30-12:00 PM
E353A
Neuroradiology (Diffusion, Perfusion and Structural Neuroimaging)
Optimal Labeling Plane Selection for Pseudo Continuous Arterial Spin Labeling - Li Zhao, Salil Soman, David C. Alsop

SST03-05
10:30-12:00 PM
E451B
Chest (Lung Cancer Screening)
Lung Cancer Growth Rates in the NLST: Does Sex Matter? - Phillip M. Boiselle, Caroline Chiles, Stavrouta Chysanthopoulos, Fenghai Duan, Judith K. Amorosa

Names in Bold = BIDMC Radiology Faculty/Staff; Trainees
<table>
<thead>
<tr>
<th>Poster Exhibits with Discussions - Learning Center</th>
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| **MK298-SD-SUB4** 1:00-1:30 PM  
**MK Community** | **MSK Sunday Poster Discussions:**  
Progressive Depletion of Skeletal Muscle and of Muscle Quality Predicts Survival of Colorectal Cancer Patients - **Colm J. McMahon**, Yu-Ching Lin, Chih-Ying Deng, Kun-Yun Yeh, Yun-Chung Cheung, **Jim S. Wu**. |
| **VI233-SD-NOA4** 12:15-12:45 PM  
**VI Community** | **VIR Monday Poster Discussions**  
| **PH227-SD-MOAB8** 12:45-1:15 PM  
**PH Community** | **Physics Monday Poster Discussions**  
Value of Phantom Dosimetry to Estimate Patient Dose in Contrast-Enhanced Spectral Mammography (CESM) - **Jordana Phillips**, Georgeta Mihai, Alexander Brook, Matthew R. Palmer, Da Zhang |
| **ER124-SD-MOAB2** 12:45-1:15 PM  
**ER Community** | **Emergency Radiology Monday Poster Discussions**  
| **QS015-EB-TUA7** 12:15-12:45 PM  
**QS Community** | **Quality Storyboards Tuesday Poster Discussions**  
Improving Patient Care by Effective Communication of PICC Line Placement - **Ronald L. Eisenberg**, Benedikt H. Heidinger |
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| **VI159-ED-TUB7** 12:45-1:15 PM  
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Vascular Closure Devices from Wrist to Groin: A 2016 Update - Diane Szafarski, Sameer Mittal, Ahmed Fadil, Achal Shah, Nicholas A. Georgiou, Jason C. Hoffmann, Osama Hussaini |
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| **GI397-SD-WEB4** 12:45-1:15 PM  
**GI Community** | **GIS-WEB: Gastrointestinal Wednesday Poster Discussions**  

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**Education Exhibits - 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

| **HP121-ED-X**  | **Stepping off our Treadmill - Strategies for Reducing Radiologist Stress and Burnout in the Workplace** - **Michael Fishman**, Bettina Siweert, Jonathan B. Kruskal |
| **GI149-ED-X**  | **A Low-hanging Fruit from the Biliary Tree: Biliary Imaging Post Intervention** - Almamoon J. Justaniah, Olga R. Brook |
| **ER116-ED-X**  | **Urinary Bladder Injury: Pearls and Pitfalls** - Krystal Archer-Arroyo, Robin B. Levenson, Stuart E. Mirvis |
| **NR196-ED-X**  | **Off Target Effects of Check Point Blockade Immunotherapy in Head and Neck - What a Radiologist Should Know** - Geunwon Kim, Rafael Rojas, Yu-Ming Chang, Vassilios D. Raptopoulos, Rafeequaa E. Bhadelia |
| **HP122-ED-X**  | **Standardizing the Radiologist Ongoing Professional Practice Evaluation (OPPE) Process** - Jonathan B. Kruskal, Bettina Siweert |
| **HP151-ED-X**  | **The Radiology Quality Score Card: An Easy Way to Track all your Quality Metrics** - Bettina Siweert, Olga R. Brook, Ronald L. Eisenberg, Jonathan B. Kruskal, Mary G. Hochman |
| **MK146-ED-X**  | **Analytical Triage in Bioarchaeological Samples through Osteological and Radiological Methods** - Katherine van Schaik, Ronald L. Eisenberg, Jelena Bekvalac, Frank J. Ruhl |

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**Congratulations** Jonathan B. Kruskal, MD PhD on receiving an Honored Educator Award which recognizes RSNA members who have produced an array of RSNA educational resources in the past calendar year. This annual award is given to individuals invested in furthering the profession of radiology by delivering high-quality educational content in their field of study.
BIDMC at RSNA 2016

Bettina Siewert - Chair, General RadioGraphics
Muneeb Ahmed (General RG)
Justin Kung (General RG)
Karen Lee (General RG)
Maryellen Sun (General RG)
Diana E. Litmanovich (Cardiovascular)
Robin Levenson (Emergency Rad)
Mary G. Hochman (MSK)
Jim S. Wu (MSK)
Jonathan Kruskal - Chair, Quality Initiatives
Olga Brook (QI & RSNA Quality Improvement Committee)
Ronald Eisenberg (QI)
Justin Kung (QI)
Tejas Mehta (QI)
Ammar Sarwar (QI)

Salomao Faintuch, MD -
Member - RSNA Publications Council
Member - RSNA Public Information Committee

Congratulations 2016 RSNA Student Travel Award Winners


Kristy Lee, MD (MR Body Fellow 2016) for Non-specific Common Bile Duct Dilation on Ultrasound: Yield of Subsequent MRCP and Role in Patient Management; 11/28/2016 - 3:40 PM. [Koenraad Mortele, Mentor]

Trevor Morrison, MD (Abd Fellow 2016) for Diffusion Weighted Magnetic Resonance Imaging of Pancreatic Ductal Adenocarcinoma: Correlation with Metastatic Disease Potential; 11/30/2016 - 12:45 PM. [Koenraad Mortele, Mentor]

Patricia Coutinho De Souza, DVM, PhD (MR Research Fellow) for Hyperpolarized 13C-Tert-Butanol MRI Perfusion Mapping and Microvessel Density in Sunitinib-Treated Renal Cell Carcinoma Xenografts: Rad-Path Correlation in the Characterization of Intratumoral Heterogeneity and Pre- and Post-Treatment Change; 11/30/2016 - 3:30 PM. [Leo Tsai, Mentor]

Yuri Shif, MD (MSK Fellow) for Safety of Omitting Routine Coagulation Blood Testing Prior to Image Guided Musculoskeletal Biopsy; 12/2/2016 - 10:50 AM [Jim Wu, Mentor]