

## **RADICAL VIEWS SPECIAL AUGUST EDITION**



**RADICAL VIEWS SPECIAL AUGUST EDITION**

I am very pleased to announce that **Bettina Siewert** has agreed to become the Executive Vice Chair for Radiology at BIDMC effective Sept. 1st, 2015. I cannot tell you how excited and happy I am about this. Bettina and I go way back to the early 1990's when we first met in the tiny Deaconess mobile MR scanner, she as Paul Finn and Bob Edelman's MR fellow imaging portal veins, and me as a junior resident struggling to understand precession and k-space.



Bettina will retain her Quality and Safety portfolio, and will also be focusing on internal affairs, faculty engagement and on helping me to drive overall practice and performance improvement. She will also work with me as we establish an exciting new alignment and model with the hospital.

Since Bettina will be taking on these new responsibilities, she will be stepping down as our Abdominal imaging Section Chief but will retain the ACGME Abdominal Imaging Fellowship directorship until a fellowship succession plan is put in place.

I am equally excited to let you know that **Koenraad Mortele** has agreed, with great enthusiasm, to become our next Section Chief for Abdominal Imaging. Note that Koenraad will retain the position of Director of MRI.

The official transition will take place on October 1 but I wanted you all to know about these exciting transitions and appointments ahead of time. Bettina and Koenraad will work together to ensure continuity in all other abdominal portfolios.

I am so happy about these appointments and couldn't wish for two better colleagues and finer physicians to help guide our department in the years ahead. I know you will all join me in congratulating both Bettina and Koenraad, and will give them your fullest support in these new roles.

# Radiology Calendar AUGUST 2015

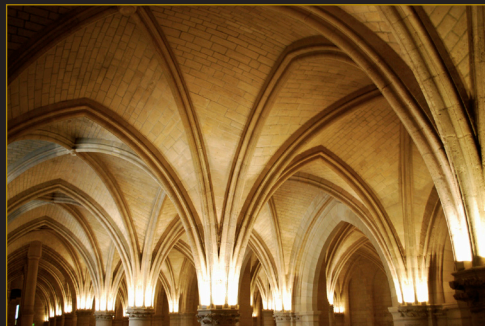
Check for the most up-to-date schedule at: <https://apps.bidmc.org/departments/radiology/residency/conferences/displayMonth.asp>

Mon	Tues	Wed	Thurs	Fri
Weekly Mon Section Meetings: 3:00-4:00 ED section meeting [ED annex, WCC]		Weekly Wed Section Meetings: 11:00-12:00 MSK clinical conference 12:00-1:00 CardioThoracic, GI/GU Oncology 3:00-4:00 Mammo [TCC-484]	Weekly Thurs Section Meetings: 12:00 - 1:30 Abd [WCC-354] 12:00-1:00 MSK	Friday Grand Rounds: 12 noon Sherman Auditorium, East Campus (unless stated otherwise)
<b>3</b> 7:30 - 8:15 Xray I (Physicist) 8:15 - 9:00 Xray I (Leo Tsai)	<b>4</b> 7:30 - 8:15 Xray II (Physicist) 8:15 - 9:00 Xray II (Jesse Wei)	<b>5</b> 7:30 - 9:00 Introduction to Ultrasound (Dr. Bruno Madore (BWH))	<b>6</b> 7:30 - 8:15 Fluoro Intro (Physicist) 8:15 - 9:00 Fluoro Intro (Jennifer Ní Mhuirheartaigh)	<b>7</b>
<b>10</b> 7:30 - 8:15 Pancreatic pseudotumors (Anuradha Shenoy-Bhangle) 8:15 - 9:00 Imaging of Bariatric Surgery (Girish Tyagi) 12:00-1:00 MRI Meeting [Ansin 2]	<b>11</b> 7:30 - 8:15 Normal fetal survey (Janneth Romero) 8:15 - 9:00 MRI artifacts (Martin Smith) 10:30-11:30 NMMI meeting [GZ-103]	<b>12</b> 7:30 - 9:00 NEURO (TBD)  7:15-8:00 US meeting [WCC-304A]	<b>13</b> 7:30 - 8:15 Ectopic pregnancy (Janneth Romero) 8:15 - 9:00 First trimester (Janneth Romero)	<b>14</b>
<b>17</b> 7:30 - 8:15 Radiation Safety in IR (Ammar Sarwar) 8:15 - 9:00 Endocrine Interventions (Barry Sacks)	<b>18</b> 7:30 - 8:15 Introduction to Angiography (Muneeb Ahmed) 8:15 - 9:00 Arterial Anatomy (Muneeb Ahmed) 8:00-9:00 IR Meeting [West Recovery]	<b>19</b> 7:30 - 8:15 Image-Guided Biopsy (Olga Brook) 8:15-9:00 Image-Guided Drainage (Olga Brook)	<b>20</b> 7:30 - 9:00 Physics (TBD)	<b>21</b> 7:30 - 9:00 Physics (TBD)
<b>24</b> 7:30 - 9:00 Mammo (TBD)	<b>25</b> 7:30 - 9:00 Mammo (TBD) 10:30-11:30 NMMI meeting [GZ-103]	<b>26</b> 7:30 - 9:00 Mammo (TBD)	<b>27</b>	<b>28</b> 7:30 - 8:15 Healthcare Trends and Survival Strategies (Jonathan Kruskal) [Read JACR article prior to conference]
<b>31</b> 7:30 - 9:00 Nukes (TBD)				

*The Gallery* presents *Edinburgh, London & Paris*  
at WCC-304B

*Katie Armstrong*  
Manager, Medical Education Programs in Radiology

shares her passion for architectural  
elements she captured in Edinburgh,  
London and Paris



As always, please contact Donna Wolfe if you, too would like to share your photos, paintings or sculptures: [dwolfe@bidmc.harvard.edu](mailto:dwolfe@bidmc.harvard.edu) or 4-2515

## Speaking of Quality<sup>1</sup> ...

To coordinate the growing number of QI, performance improvement and practice quality improvement (PQI) projects being done across our Department, a **Quality Research Committee** has been established.



Core members of this group include (l to r:) **Bettina Siewert, Olga Brook, Ammar Sarwar, Ron Eisenberg** and **Sam Yam**.

The group meets monthly (second Monday of each month) and focuses on mentoring and managing projects. The aim is not only to implement effective projects, but to disseminate the lessons and to drive these to publication and then to grant support. **This is the committee that also oversees all requests for IT resources to facilitate quality projects.** All are welcome to attend. (The committee is distinguished from Bettina Siewert's QA committee that oversees all regulatory, compliance and safety portfolios, our safety scorecard, peer review, section PQI efforts, Joint Commission readiness and manages all sentinel events and root cause analyses.) There have been many requests of Sam Yam to create new dashboards for QA or PQI purposes. We have to be very careful when creating these to ensure that each has the proper approval, and that each is intended to improve a process or clinical care. Each dashboard must be actively managed, secure and we need to know and approve who gets access to the data, and how that data is managed and kept secure. Projects also need end dates and closeouts, owners and future plans, and we encourage as many as possible. However we do live in a very regulated environment! In order to ensure that every project is secure, HIPAA compliant and has been approved by the IRB if necessary, we ask that every new project request first be presented at our monthly QA research meeting which is held at noon of the second Monday of each month. If you'd like to have a project considered, please contact **Andrea Baxter** to make sure you are put to the schedule.

- Jonny

## Speaking of Quality<sup>2</sup> ...



Bettina Siewert, MD  
Executive Vice Chair  
Vice Chair of Quality

Dear Residents,

In Suzanne Swedeen's report about our quality and safety efforts in the third quarter for this fiscal year (April - June 2015) we noticed a HUGE improvement in the documentation of **contrast reactions**. There was an increase from 18% in the second quarter to 91% this last quarter of all elements having been documented. This tremendous work is entirely done by residents, what a fantastic achievement!!!

Thank you for the tremendous efforts you make every day to provide such excellent patient care. It is very much appreciated.

Note that Suzanne is in the process of sending out to our new residents and fellows step-by-step instructions for locating and completing our templated OMR notes for contrast reactions and extravasations, how to add an allergy to the patient's allergy profile, adding a pop-up note to PACS to notify reader of events and how to complete a patient safety report (incident report). ***If you would like to receive a copy of these instructions contact Suzanne at [sswedeen@bidmc.harvard.edu](mailto:sswedeen@bidmc.harvard.edu).*** These instructions will soon be available as guidelines in PPGD as well as our Radiology Quality page on the portal. In the meantime, please see pg. 3 for a sample of the metrics of the elements that our residents have been documenting so well.

- Bettina



Suzanne Swedeen, RN MSN  
Quality Improvement  
Specialist



Bridget O'Bryan, RN  
Radiology Nurse  
Manager

The documentation of a clinical encounter is important for the handover of patients. It assures continuity of care, models good clinical practice and is additionally valuable in resolving complaints and medical-legal issues.

Our departmental guidelines for contrast related event management includes a standardized descriptive assessment and response that facilitates these requirements for safe practice.

Compliance with these guidelines will ensure timely, comprehensive communication of these events to care providers in our patients' continuum of care, and assist us in determining future needs of our patients.

# Residents Document Contrast Related Events

**Beth Israel Deaconess Medical Center  
Radiology Guidelines**

**Title:** Management of Contrast Related Events in Radiology

**Number :** RAD-95  
**Purpose:** Guidelines for treating Contrast Related events in the Department of Radiology.

**Guideline(s) for Implementation:**  
In evaluating a patient for a potential contrast reaction, assessments should include:

- How does the patient look?
- Does the patient have any skin changes?
- Can the patient speak? How does the patient's voice sound?
- How is the patient's breathing/ O2 saturation?
- What is the patient's pulse strength and rate?
- What is the patient's blood pressure?

**Contrast Reaction:**  
Patient experiencing allergic/allergic-like reaction to contrast agent should have vital signs monitored prn; IV shall be maintained. Any patient with a mild allergic-like reaction should be observed for 30 minutes and re-evaluated. If not improved observed for additional 30 min to ensure clinical stability or recovery.

**Urticaria**

- **Asymptomatic:**  
No treatment needed
- **Symptomatic:**
- **Mild or moderate and patient has a ride home\*.**  
Diphenhydramine (Benadryl) 25mg - 50mg PO/IV
- **Mild or moderate and NO ride home\*:**  
Fexofenadine HCL (Allegra) 180mg PO
- **Severe:**  
As above  
Consider adding Famotidine 20mg IV over 2 minutes.

\* Due to the potential sedative effect of Diphenhydramine, Fexofenadine should be used for patient's that will be driving.

**Facial or Laryngeal Edema**

- **Mild to Severe**  
Consider calling Code 2-1212  
Oxygen 6-10L facemask,  
Administer EpiPen(IM) -may repeat in 5-20 minutes(transfer to ED required if outpatient)

**Mild:** signs and symptoms are self-limited without evidence of progression:  
Limited urticaria/pruritus/edema  
Limited flushing/warmth/chills  
Limited Itchy scratch throat  
Nasal congestion, sneezing, rhinorrhea  
Limited Nausea/vomiting  
Headache/dizziness/anxiety  
Vasovagal reaction that resolves spontaneously  
Bronchospasm: Patient in no apparent distress  
Mild Hypertension

**Moderate:** Signs and symptoms are more pronounced and commonly require medical management.  
Diffuse urticarial/pruritus/erythema –stable vital signs  
Facial edema/ Throat tightness or hoarseness without dyspnea  
Wheezing/bronchospasm, mild or no hypoxia  
Prolonged nausea/vomiting  
Isolated chest pain  
Vasovagal reaction that requires and is responsive to treatment.  
Hypertensive urgency

**Severe:** Signs and symptoms are often life threatening.  
Diffuse edema, or facial edema with dyspnea  
Diffuse erythema with hypotension  
Laryngeal edema with stridor and/or hypoxia  
Wheezing/bronchospasm, significant hypoxia  
Anaphylactic shock (hypotension + tachycardia)  
Vasovagal reaction resistant to treatment  
Arrhythmia convulsions, seizures  
Hypertensive emergency.

Adaption from American College of Radiology. (2013). *ACR Manual on Contrast Media* (Version 9 ed.). pp. 101-102

DF36D000392E43D4A51378A39923FCOF.DOCX Page 1 of 3

## Immediate Care of Suspected Extravasations:

*[Excerpted from Care of the Patient Following IV Contrast Extravasation RAD-94]*

1. Stop the infusion immediately
2. Remove the catheter
3. Inspect the site and elevate affected limb above the level of the heart
4. Apply cold or warm packs based on patient comfort
5. Notify the Radiologist to perform a full exam of the affected limb, including:
  - a. neurovascular check, skin check, peripheral pulses and capillary refill
  - b. assessment of the severity of the extravasation
  - c. Inpatient team should be notified of event
  - d. Outpatients should be sent to Emergency Room if:
    1. symptoms do not improve after one hour
    2. Initial evaluation findings include the following; signs and symptoms of compartment syndrome such as skin ulceration or blistering, numbness, altered tissue perfusion (dusky fingers etc.).
6. Observe the patient for up to 2 hours for any increase in symptoms: discharge when swelling diminishes or improvement is noted.
7. Discharge instruction to patient should include:
  - a. Careful monitoring of site until swelling is completely resolved
  - b. Use ice or warm packs prn for 72 hours (acute reaction peaks in 24-48 hours)
  - c. Instruction for patient to go to the ED if any changes in status are noted.

## Documentation Requirements:

- All contrast related events, regardless of severity, must be reported in the Patient Safety Reporting System
- Contrast Reactions: Update patient's allergy profile in OMR to include allergy and the level of certainty
- Also, a note must be documented in OMR or the chart (if inpatient) describing assessment, treatment, disposition and patient education provided
- Document event in the dictated exam report
- Notify exam reader that event has occurred using the Pop Up note function in PACS

## Documentation Requirements:

All extravasations, regardless of size:

- Must be reported in the Patient Safety and Feedback Reporting System
- A note must be documented in OMR or the chart (if inpatient) describing assessment, treatment, disposition and patient education
- This event must be documented in the dictated exam report
- Notify exam reader that event has occurred using the Pop Up note function in PACS

**Reference:** American College of Radiology. (2013). *ACR Manual on Contrast Media* (Version 9 ed.)

## AIDEEN SNELL ON THE PATIENT EXPERIENCE



Aideen Snell, MSW  
Manager, Service  
Excellence Program  
x72570 asnell@bidmc.  
harvard.edu

Radiology Action Planning Committee's Patient Engagement

### JULY TIP OF THE MONTH:

To really engage a patient when they visit Radiology, try asking them about something that has nothing to do with why they are here for an Imaging Study.

### Patient Engagement

Did you see last month's Tip of the Month (above)? When we asked staff if they tried it many said, "We already do this!" You're right! You do this every day! Our patients tell us that you set their minds at rest, not just when you explain what to expect during a procedure or study but when you treat them like a person and build rapport within the short amount of time you have. Talking about a summer vacation can reduce the anxiety of what may be weighing on their minds! There are so many great things we do for our patients without even thinking about it, it just happens naturally. Sometimes it's helpful to be mindful that you're doing it and why you're doing it. It's like using a muscle - build that muscle memory!

[Read more about what others are doing:](#)

### Resident-Led Program Sparks Conversations with Patients

<https://portal.bidmc.org/Utility/BIDMC-Today/Archived-Stories/2015/June/TellMeMore.aspx>



**"The patients seem to love her, but if they heard how she talks to her peers in the break room, would they still feel the same way?"**

Just as we try to reduce unnecessary stress for our patients, is there unnecessary stress caused by your peer group or caused by you? Are your co-workers comfortable letting you know if something was missed or pointing out an error? Are you comfortable speaking up to others? Do you thank them and say "nice catch, thank you!" or do you make them feel bad, as if it was their fault? No one likes to make a mistake, but to err is human and we need to have a level of trust in this environment where we can speak up because it's the right thing to do, and what's best for our patients. Next time you hear someone speak up they should be recognized! Applaud them! We are all here because we care about people! Be kind to each other and to yourself.

Radiology Action  
Planning Committee's  
Patient Engagement

### AUGUST

### TIP OF THE MONTH:

Smile and look  
patients in the eyes  
when you talk to  
them.

*Even over the phone,  
you can hear a  
smile in  
someone's  
voice.*



### See What's New!

Keep your eyes out for our new colorful kiosk for the Patient Satisfaction Survey. This is the first of six new kiosks purchased to increase our patients' access to the survey. By the end of the summer we will also be back to offering the survey in 7 different languages! The goal of this additional access is to increase our return rate and receive more valuable data for process improvement efforts and better patient satisfaction scores. Patients are shopping around for services more than ever before. We want BIDMC Radiology to stand out from all the rest and offer the best all-around service in medical imaging!

### AND DON'T FORGET:

#### BE WELL, STAY WELL

#### STRETCH AT YOUR DESK!

<https://portal.bidmc.org/ECWellnessEAP/WellnessEAP/Be-Well-Stay-Well-Programs/Stretching.aspx> *[Copy and paste into your browser]*

#### FREE MEDITATION IN THE CHAPEL on WEDNESDAYS

East Campus 11:30am – noon Wolfson Chapel

West Campus 1pm-1:30pm Dooley Chapel

## CONGRATULATIONS & BEST WISHES



### CONGRATULATIONS VALERIE FEIN-ZACHARY

We are pleased to announce that the following promotion of **Valerie Fein-Zachary, MD** to Assistant Professor of Radiology has been approved by the University, effective July 1, 2015!

### FAREWELL JIM BROPHY



Jim Brophy  
Mgr., Radiology Informatics

*[Please note that since he will be staying on at BIDMC, Jim decided to preserve his waistline by not having a farewell event in Radiology.]*

In 2001, I began my career at BIDMC in the Information Systems Department as a Team Leader on the PatientSite Project. In 2004, I had the good fortune to join Radiology as PACS Informatics Manager and now I have the unique opportunity to return to the Clinical Applications Department of Information Systems as a Manager.

I will be working on inpatient, critical care and anesthesia projects, among others, and am definitely looking forward to the challenges this position will bring my way.

Although I am very excited about my new move, it is a bittersweet departure, since I will miss my friends and colleagues in Radiology. I am just very happy I will be working for the same organization, and anticipate that I will see many of my "old" friends and colleagues in the hallways around the Medical Center. Thank you all for making my stay in Radiology such a learning and rewarding experience. I will never forget it.

Sincerely,  
Jim Brophy

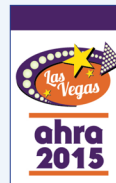
## KOMMUNITY KORNER: Community Radiology



Jeffrey Bernard, RT  
Manager, Community  
Radiology Network Services

Recently, I enjoyed the opportunity of speaking at the annual American Hospital Radiology Administrators Convention in Las Vegas which was held at the Venetian Hotel and which also included radiology seminars and vendor displays of equipment and services.

My presentation allowed us to share our view of the vital role of Community Radiology to the Enterprise as a whole; identify the challenges and considerations of affiliating with another institution; how to resolve operational obstacles prior to and during integration, and how to establish and maintain communication lines up and down the organization and across the network. Given the dramatic change in the healthcare landscape in recent years, the advent of ACOs (Accountable Care Organizations) and the need to build hospital networks, the presentation provided other radiology professionals the ideas and tools to establish and lead their own radiology networks and was well-received.



### Like a Good Neighbor, Community Radiology is There!

Jeffrey Bernard  
Community Radiology Network Manager,  
Beth Israel Deaconess Medical Center • Harvard Medical School



### FAREWELL MIKE AMICO



Mike Amico served as an MRI Research Technologist-Aide for David Alsop, PhD, Director of

MRI Research/Vice Chair for Research, for the past five years. After completing his MR training this year, Mike accepted an MR technologist position at Boston Medical and his last day was Thurs., July 2. As usual, the MRI Research Section gathered together to thank Mike for his contribution to the section and to wish him well in his new position.

## CONGRATULATIONS (cont'd)



Bridget O'Bryan, RN  
Radiology Nurse  
Manager

The Professional Nurse Advancement Program (PNAP) at Beth Israel Deaconess Medical Center is based on a model of practice development in nursing that was described by Patricia Benner in 1984 in her classic work, *From Novice to Expert: Excellence and Power in Clinical Nursing Practice*. Benner based her work on the Dreyfus Model of Skill Acquisition, which identified five levels of development in the acquisition of skills: novice, advanced beginner, competent, proficient, and expert. In moving through these stages, the learner gains capacity in three broad areas:

- Building knowledge through experience
- Learning to perceive a situation as a whole and to quickly focus on the most important aspects
- Becoming increasingly engaged in and committed to the work

The PNAP recognizes clinical nursing staff who have gained expertise in these broad domains.



Marybeth  
Malolepzy



Kelly Cronin

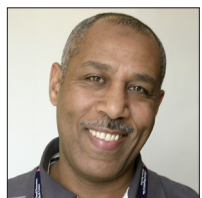
Please join me in congratulating **Marybeth Malolepzy, RN** with her advancement to CNIV and also **Kelly Cronin, RN** to CNIII. Their portfolios submitted to the advancement committee clearly highlight the patient-centered, quality-driven care that our staff provide everyday.

**KUDOS** - Each month, we share the positive feedback we receive about staff members and ask you to join us in congratulating them; as always, we are especially proud to acknowledge an unprecedented constellation of staff for providing outstanding care and service!

## CT

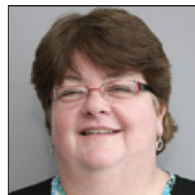


**Pam Roberge** and **Jason Chagnon** were recognized by Dr. Bettina Siewert who offered special thanks for their efforts in facilitating many interventional procedures during a very busy weekend.



A big thank you to **Usama Abraham** for his assistance in the redesign of the west central supply room.

## Chestnut Hill Square



**Cathy Melchin** has been a model of consistency on all things patient care. Yesterday alone, we received 3 compliments from patients following their screening mammograms about the care they received from Cathy. She is calming and reassuring.

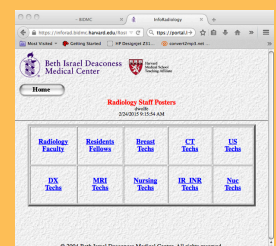
Patients are always so appreciative after their exams. Cathy provides the highest standard of care while still making her patients feel supported and comfortable.

## US



(L to R): **Julie Robens, Meghan Connolly, Blaitthin O'Hanlon, Dana Kohlstrom, and Sheila Leaden** all volunteered to cover either holiday weekend shifts or on call shifts open due to LOAs.

**REMINDER:**  
**Updated Radiology Staff, Trainee & Technologist Posters** are available on InfoRadiology in pdf format for viewing, downloading, and printing  
Log in to the portal:  
<https://portal.bidmc.org/>



**2015 BIDMC Radiology Publications** – A PubMed search for new BIDMC publications is made each month; however, if we miss your paper, please send the reference to [dwolfe@bidmc.harvard.edu](mailto:dwolfe@bidmc.harvard.edu). Note that Epub dates are included only in publications where the Epub and paper publication dates occur in different years, i.e., Epub in 2014 and paper publication in 2015.

**Acord M**, Shaikh R. Predictors of diagnostic success in image-guided pediatric soft-tissue biopsies. *Pediatr Radiol*. 2015 May 10. PMID: 25958250.

**Agarwal MD, Levenson RB, Siewert B, Camacho MA, Raptopoulos V.** Limited added utility of performing follow-up contrast-enhanced CT in patients undergoing initial non-enhanced CT for evaluation of flank pain in the emergency department. *Emerg Radiol*. 2015 Apr;22(2):109-15. doi: 10.1007/s10140-014-1259-4. Epub 2014 Aug 1. PMID: 25082439.

**Ahmed M, Kumar G, Navarro G, Wang Y, Gourevitch S, Moussa MH, Rozenblum N, Levchenko T, Galun E, Torchilin VP, Goldberg SN.** Systemic siRNA Nanoparticle-Based Drugs Combined with Radiofrequency Ablation for Cancer Therapy. *PLoS One*. 2015 Jul 8;10(7):e0128910. doi: 10.1371/journal.pone.0128910. eCollection 2015. PMID: 26154425; PMCID: PMC4495977.

Alkalay RN, von Stechow D, **Hackney DB.** Augmentation of failed human vertebrae with critical un-contained lytic defect restores their structural competence under functional loading: An experimental study. *Clin Biomech (Bristol, Avon)*. 2015 Mar 28. pii: S0268-0033(15)00100-X. doi: 10.1016/j.clinbiomech.2015.03.024. PMID: 25912639.

**Alessandrino F, Millo N, Yee EU, Mortelé KJ.** The “peripheral washout sign” in focal hepatic lesions: not always an MRI sign of malignancy. *Clin Imaging*. 2015 Apr 20. pii: S0899-7071(15)00097-2. doi: 10.1016/j.clinimag.2015.04.005. PMID: 25951769.

American College of Radiology (ACR); Society for Pediatric Radiology (SPR); Society of Radiologists in Ultrasound (SRU); American Institute of Ultrasound in Medicine (AIUM). AIUM practice guideline for the performance of an ultrasound examination of solid-organ transplants. *J Ultrasound Med*. 2014 Jul;33(7):1309-20. doi: 10.7863/ultra.33.7.1309. PMID: 24958421. [**Sun MR**, Collaborator]

Arnason JE, Luptakova K, Rosenblatt J, Tzachanis D, Avigan D, Zwicker JI, Levine J, Kim M, **Parker JA**, Grant B, Joyce RM. Yttrium-90 ibritumomab tiuxetan followed by rituximab maintenance as treatment for patients with diffuse large B-cell lymphoma are not candidates for autologous stem cell transplant. *Acta Haematol*. 2015;133(4):347-53. doi: 10.1159/000368291. PMID: 25677780.

Avadhani R, Fowler K, Barbato C, Thomas S, Wong W, Paul C, Aksakal M, **Hauser TH**, Weinger K, Goldfine AB. Glycemia and cognitive function in metabolic syndrome and coronary heart disease. *Am J Med*. 2015 Jan;128(1):46-55. doi: 10.1016/j.amjmed.2014.08.025. Epub 2014 Sep 16. PMID: 25220612; PMCID: PMC4306431.

**Bae GH, Nambudiri VE, Bach DQ, Danziger J, Faulkner-Jones B, McMahon C, Huang SJ.** Rapidly Progressive Nonuremic Calciphylaxis in Setting of Warfarin. *Am J Med*. 2015 Jul 8. pii: S0002-9343(15)00569-0. doi: 10.1016/j.amjmed.2015.05.049. PMID: 26164564.

Barr RG, Ferraioli G, Palmeri ML, Goodman ZD, Garcia-Tsao G, Rubin J, Garra B, Myers RP, Wilson SR, Rubens D, **Levine D.** Elastography Assessment of Liver Fibrosis: Society of Radiologists in Ultrasound Consensus Conference Statement. *Radiology*. 2015 Jun 16;150619. PMID: 26079489.

**Boiselle PM.** Celebrating 30 years of the journal of thoracic imaging. *J Thorac Imaging*. 2015 Jan;30(1):1. doi: 10.1097/RTI.0000000000000129. PMID: 25525776.

**Boiselle PM, Bardo DM, Rubin GD, Tack D.** Expert Opinion: Is there Still a Role for Filtered-back Projection Reconstruction in Cardiothoracic CT? *J Thorac Imaging*. 2015 Jul;30(4):219. doi:10.1097/RTI.0000000000000163. PMID: 26057436.

**Boiselle PM, Choe YH, Leipsic J, Pugliese F, Schoepf UJ, Vliegenthart R.** Expert Opinion: How and When to Perform CT Myocardial Perfusion Imaging. *J Thorac Imaging*. 2015 May;30(3):167-8. doi: 10.1097/RTI.0000000000000156. PMID: 25844977.

**Boiselle PM, Ravenel JG, White CS.** Current practices for lung cancer screening-reply. *JAMA Intern Med*. 2015 Feb 1;175(2):317-8. doi: 10.1001/jamainternmed.2014.6988. PMID: 25642679.

**Boiselle PM, Reddy GP.** Reviewer awards and acknowledgements editors' recognition awards for distinction in reviewing in 2014. *J Thorac Imaging*. 2015 Jan;30(1):14. doi: 10.1097/RTI.0000000000000126. PMID: 25525779.

**Brook OR, Brook A, Vollmer CM, Kent TS, Sanchez N, Pedrosa I.** Structured reporting of multiphasic CT for pancreatic cancer: potential effect on staging and surgical planning. *Radiology*. 2015 Feb;274(2):464-72. doi: 10.1148/radiol.14140206. Epub 2014 Oct 3. PMID: 25286323.

**Brook OR, Romero J, Brook A, Kruskal JB, Yam CS, Levine D.** The complementary nature of peer review and quality assurance data collection. *Radiology*. 2015 Jan;274(1):221-9. doi: 10.1148/radiol.14132931. Epub 2014 Sep 1. PMID: 25188432.

Cavallari M, Hshieh TT, Guttmann CR, Ngo LH, Meier DS, Schmitt EM, Marcantonio ER, Jones RN, Kosar CM, Fong TG, Press D, Inouye SK, **Alsop DC**; SAGES Study Group. Brain atrophy and white-matter hyperintensities are not significantly associated with incidence and severity of post-operative delirium in older persons without dementia. *Neurobiol Aging*. 2015 Feb 28. pii: S0197-4580(15)00155-4. PMID: 25824618.

**Chadashvili T, Ghosh E, Fein-Zachary V, Mehta TS, Venkataraman S, Dialani V, Slanetz PJ.** Nonmass enhancement on breast MRI: review of patterns with radiologic-pathologic correlation and discussion of management. *AJR Am J Roentgenol*. 2015 Jan;204(1):219-27. doi: 10.2214/AJR.14.12656. Review. PMID: 25539260.

Chan RH, Maron BJ, Olivetto I, Assenza GE, Haas TS, Lesser JR, Gruner C, Crean AM, Rakowski H, Rowin E, Udelson J, Lombardi M, Tomberli B, Spirito P, Formisano F, Marra MP, Biagini E, Autore C, **Manning WJ**, Appelbaum E, Roberts WC, Basso C, Maron MS. Significance of Late Gadolinium Enhancement at Right Ventricular Attachment to Ventricular Septum in Patients With Hypertrophic Cardiomyopathy. *Am J Cardiol*. 2015 May 8. pii: S0002-9149(15)01258-8. doi: 10.1016/j.amjcard.2015.04.060. PMID: 26026863.

Chan RH, Shaw JL, **Hauser TH**, Markson LJ, **Manning WJ.** Guideline Adherence for Echocardiographic Follow-Up in Outpatients with at Least Moderate Valvular Disease. *J Am Soc Echocardiogr*. 2015 Apr 3. pii: S0894-7317(15)00143-1. doi: 10.1016/j.echo.2015.03.001. PMID: 25843026.

**Ciet P, Litmanovich DE.** MR safety issues particular to women. *Magn Reson Imaging Clin N Am*. 2015 Feb;23(1):59-67. doi: 10.1016/j.mric.2014.09.002. PMID: 25476674.

Clavelle K, King D, Bazzi AR, **Fein-Zachary V**, Potter J. Breast Cancer Risk in Sexual Minority Women during Routine Screening at an Urban LGBT Health Center. *Womens Health Issues*. 2015 Jun 6. pii: S1049-3867(15)00039-0. doi: 10.1016/j.whi.2015.03.014. PMID: 26060123.



Cypess AM, Weiner LS, Roberts-Toler C, **Franquet E\***, Kessler SH, Kahn PA, English J, Chatman K, Trauger SA, Doria A, **Kolodny GM**. Activation of Human Brown Adipose Tissue by a  $\beta$ 3-Adrenergic Receptor Agonist. *Cell Metab*. 2015 Jan 6;21(1):33-8. doi: 10.1016/j.cmet.2014.12.009. PMID: 25565203; PMCID: PMC4298351. \*Note name correction

Danziger J, **Thummalakunta L**, Nelson R, **Faintuch S**. The risk of acute kidney injury with transjugular intrahepatic portosystemic shunts. *J Nephrol*. 2015 Mar 10. [Epub ahead of print] PMID: 25753449.

**Dialani V**, **Chadashvili T**, **Slanetz PJ**. Role of Imaging in Neoadjuvant Therapy for Breast Cancer. *Ann Surg Oncol*. 2015 May;22(5):1416-24. doi: 10.1245/s10434-015-4403-9. PMID: 25727555.

Dodd GD 3rd, Allen B Jr, Birznick D, Boland GW, Brink JA, Dreyer KJ, Khandheria P, **Kruskal JB**, Ricci P, Seibert JA, Zane R. Reengineering the radiology enterprise: a summary of the 2014 intersociety committee summer conference. *J Am Coll Radiol*. 2015 Mar;12(3):228-34. doi: 10.1016/j.jacr.2014.11.022. PMID: 25743920.

Donovan LM, Kress WL, Strnad LC, **Sarwar A**, Patwardhan V, Piatkowski G, Tapper EB, Afdhal NH. Low likelihood of intracranial hemorrhage in patients with cirrhosis and altered mental status. *Clin Gastroenterol Hepatol*. 2015 Jan;13(1):165-9. doi: 10.1016/j.cgh.2014.05.022. Epub 2014 Jun 4. PMID: 24907500.

DuBrock HM, **Bankier AA**, **Silva M**, **Litmanovich DE**, Curry MP, Washko GR. Pulmonary Vessel Cross-sectional Area before and after Liver Transplantation: Quantification with Computed Tomography. *Acad Radiol*. 2015 Jun;22(6):752-9. doi: 10.1016/j.acra.2015.01.018. PMID: 25770631.

**Dunn DP**, Kelsey NR, **Lee KS**, **Smith MP**, **Morteale KJ**. Non-oncologic applications of diffusion-weighted imaging (DWI) in the genitourinary system. *Abdom Imaging*. 2015 Jun 25. PMID: 26109511.

**Dunn DP**, **Lee KS**, **Smith MP**, **Morteale KJ**. Nononcologic applications of diffusion-weighted imaging in the gastrointestinal system. *AJR Am J Roentgenol*. 2015 Apr;204(4):758-67. doi: 10.2214/AJR.14.12729. Review. PMID: 25794064.

Dunnick NR, **Kressel HY**. Manuscript reviewers: a note of thanks. *Radiology*. 2015 Apr;275(1):310. doi: 10.1148/radiol.15154007. PMID: 25799342.

Foppa M, Rao SN, **Manning WJ**. Doppler echocardiography in the evaluation of a heart murmur. *JAMA*. 2015 Mar 10;313(10):1050-1. doi: 10.1001/jama.2015.1278. PMID: 25756442.

Gareen IF, Duan F, Greco EM, Snyder BS, **Boiselle PM**, Park ER, Fryback D, Gatsonis C. Impact of lung cancer screening results on participant health-related quality of life and state anxiety in the National Lung Screening Trial. *Cancer*. 2014 Nov 1;120(21):3401-9. doi: 10.1002/cncr.28833. PMID: 25065710; PMCID: PMC4205265.

George RT, Mehra VC, Chen MY, Kitagawa K, Arbab-Zadeh A, Miller JM, Matheson MB, Vavere AL, Kofoed KF, Rochitte CE, Dewey M, Yaw TS, Niinuma H, Brenner W, Cox C, **Clouse ME**, Lima JA, Di Carli M. Myocardial CT Perfusion Imaging and SPECT for the Diagnosis of Coronary Artery Disease: A Head-to-Head Comparison from the CORE320 Multicenter Diagnostic Performance Study. *Radiology*. 2015 Feb;274(2):626. PMID: 25625749.

Gillams A, **Goldberg N**, **Ahmed M**, Bale R, Breen D, Callstrom M, Chen MH, Choi BI, de Baere T, Dupuy D, Gangi A, Gervais D, Helmsberger T, Jung EM, Lee F, Lencioni R, Liang P, Livraghi T, Lu D, Meloni F, Pereira P, Piscaglia F, Rhim H, Salem R, Sofocleous C, Solomon SB, Soulen M, Tanaka M, Vogl T, Wood B, Solbiati L. Thermal ablation of colorectal liver metastases: a position paper by an international panel of ablation experts, the interventional oncology sans frontières meeting 2013. *Eur Radiol*. 2015 May 22. PMID: 25994193.

Grunwald D, Tapper EB, Jiang ZG, **Ahmed M**, Malik R. A Standardized Assessment of Functional Disability Predicts 1-year Mortality in Patients Undergoing Transjugular Intrahepatic Portosystemic Shunt (TIPS) for Refractory Ascites. *J Clin Gastroenterol*. 2015 May 6. PMID: 25984975.

**Ha D**, **Dialani V**, **Mehta TS**, Keefe W, Iuanow E, **Slanetz PJ**. Mucocele-like lesions in the breast diagnosed with percutaneous biopsy: is surgical excision necessary? *AJR Am J Roentgenol*. 2015 Jan;204(1):204-10. doi: 10.2214/AJR.13.11988. PMID: 25539258.

**Hall FM**. Upper extremity trauma radiographs. *AJR Am J Roentgenol*. 2015 Mar;204(3):W374. doi: 10.2214/AJR.14.13838. PMID: 25714326.

**Hall FM**. IT Challenges for the Aging Radiologist: Practice Corner. *Radiographics*. 2015 Mar-Apr;35(2):650-1. doi: 10.1148/rg.352144012. PMID: 25763745.

**Hall FM**. Guidelines for Management of Thyroid Nodules. *J Am Coll Radiol*. 2015 Jul;12(7):655-6. doi: 10.1016/j.jacr.2015.04.009. PMID: 26143563.

**Hauser TH**, Essebag V, Baldessin F, McClennen S, Yeon SB, **Manning WJ**, Josephson ME. Prognostic value of pulmonary vein size in prediction of atrial fibrillation recurrence after pulmonary vein isolation: a cardiovascular magnetic resonance study. *J Cardiovasc Magn Reson*. 2015 Jun 18;17:49. doi: 10.1186/s12968-015-0151-z. PMID: 26082185.

**Heidinger BH**, **Occhipinti M**, **Eisenberg RL**, **Bankier AA**. Imaging of Large Airways Disorders. *AJR Am J Roentgenol*. 2015 Jul;205(1):41-56. doi: 10.2214/AJR.14.13857. PMID: 26102379.

**Ho ML**, Juliano A, **Eisenberg RL**, **Moonis G**. Anatomy and pathology of the facial nerve. *AJR Am J Roentgenol*. 2015 Jun;204(6):W612-9. doi: 10.2214/AJR.14.13444. PMID: 26001250.

Humphrey PE, Alessandrino F, Bellizzi AM, **Morteale KJ**. Non-hyperfunctioning pancreatic endocrine tumors: multimodality imaging features with histopathological correlation. *Abdom Imaging*. 2015 May 20. PMID: 25989932.

Isaac L, Main KL, **Soman S**, Gotlib IH, Furst AJ, Kinoshita LM, Fairchild JK, Yesavage JA, Ashford JW, Bayley PJ, Adamson MM. The impact of depression on Veterans with PTSD and traumatic brain injury: A diffusion tensor imaging study. *Biol Psychol*. 2015 Jan 3;105C:20-28. doi: 10.1016/j.biopsycho.2014.12.011. PMID: 25559772.

Jefferson AL, Beiser AS, Himali JJ, Seshadri S, O'Donnell CJ, **Manning WJ**, Wolf PA, Au R, Benjamin EJ. Low cardiac index is associated with incident dementia and Alzheimer disease: the framingham heart study. *Circulation*. 2015 Apr 14;131(15):1333-9. doi: 10.1161/CIRCULATIONAHA.114.012438. PMID: 25700178; PMCID: PMC4398627.

Jerome SD, Farrell MB, Godiwala T, Heller GV, Bezold LI, Choi JY, Cockroft KM, Gornik HL, Katanick SL, **Manning WJ**. Facility perception of nuclear cardiology accreditation: Results of an Intersocietal Accreditation Commission (IAC) survey. *J Nucl Cardiol*. 2015 Jun;22(3):496-503. doi: 10.1007/s12350-014-0011-5. Epub 2014 Oct 29. PMID: 25352528.

**Johnson M**, Kent MS, Khwaja K, **Faintuch S**. Hepatic Capsular Avulsion After Video-Assisted Thoracic Biopsy of the Lung. *Ann Thorac Surg*. 2015 Mar;99(3):1069-71. doi: 10.1016/j.athoracsur.2014.05.021. PMID: 25742834.

Kisilevzky N, **Faintuch S**. Is prostatic artery embolization similar to uterine artery embolization? *Cardiovasc Intervent Radiol*. 2015 Feb;38(1):247-50. doi: 10.1007/s00270-014-0874-5. Epub 2014 Mar 20. PMID: 24647656.

**Kressel HY**. New for 2015. *Radiology*. 2015 Jan;274(1):7-8. doi: 10.1148/radiol.14142273. PMID: 25531471.

**Kressel HY.** Radiology editorial board 2015. *Radiology*. 2015 Jan;274(1):9. doi: 10.1148/radiol.14141859. PMID: 25531472.

**Kressel HY.** Editor's Recognition Awards. *Radiology*. 2015 Jan;274(1):10-1. doi: 10.1148/radiol.14141871. PMID: 25531473.

**Kressel HY, Levine D.** Introducing the "golden oldies" of radiology. *Radiology*. 2015 Jan;274(1):4-6. doi: 10.1148/radiol.14142264. PMID: 25531470.

**Kruskal JB, Sarwar A.** An introduction to basic quality metrics for practicing radiologists. *J Am Coll Radiol*. 2015 Apr;12(4):330-2. doi: 10.1016/j.jacr.2014.12.010. PMID: 25745829.

**Kung JW, Slanetz PJ, Huang GC, Eisenberg RL.** Reflective Practice: Assessing Its Effectiveness to Teach Professionalism in a Radiology Residency. *Acad Radiol*. 2015 Apr 8. pii: S1076-6332(15)00079-3. doi: 10.1016/j.acra.2014.12.025. PMID: 25863796.

Lake-Bakaar G, **Ahmed M**, Evenson A, Bonder A, **Faintuch S**, Sundaram V. Hagen-Poiseuille's law: The link between cirrhosis, liver stiffness, portal hypertension and hepatic decompensation. *World J Hepatol*. 2015 Jan 27;7(1):28-32. doi: 10.4254/wjh.v7.i1.28. Review. PMID: 25624993, PMCID: PMC4295190

Lavelle LP, McEvoy SH, Ni Mhurchu E, Gibney RG, **McMahon CJ**, Heffernan EJ, Malone DE. Cystic Fibrosis below the Diaphragm: Abdominal Findings in Adult Patients. *Radiographics*. 2015 Apr 24;140110. PMID: 25910185.

Lee CS, Murphy DJ, **McMahon C**, Nolan B, Cullen G, Mulcahy H, Sheahan K, Barnes E, Fennelly D, Ryan EJ, Doherty GA. Visceral Adiposity is a Risk Factor for Poor Prognosis in Colorectal Cancer Patients Receiving Adjuvant Chemotherapy. *J Gastrointest Cancer*. 2015 Apr 2. PMID: 25832480.

**Levine D, Kressel HY.** Radiology's Legacy: Rummaging through the Attic. *Radiology*. 2015 Jan;274(1):20-8. PMID: 25531477.

**Leylek AM, Kane RA.** Juvenile granulosa cell tumor of the testis. *Ultrasound Q*. 2014 Sep;30(3):219-20. doi: 10.1097/RUQ.0000000000000111. PMID: 25148497.

**Lin YC, Mhuircheartaigh JN\***, Lamb J, **Kung JW**, Yablon CM, **Wu JS.** Imaging of adult flatfoot: correlation of radiographic measurements with MRI. *AJR Am J Roentgenol*. 2015 Feb;204(2):354-9. doi: 10.2214/AJR.14.12645. PMID: 25615758. [\*Ní Mhuircheartaigh JN]

Lynch DA, Austin JH, Hogg JC, Grenier PA, Kauczor HU, **Bankier AA**, Barr RG, Colby TV, Galvin JR, Gevenois PA, Coxson HO, Hoffman EA, Newell JD Jr, Pistolesi M, Silverman EK, Crapo JD. CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. *Radiology*. 2015 May 11:141579. PMID: 25961632.

Magalhães TA, Kishi S, George R, Arbab-Zadeh A, Vavere A, Cox C, Matheson MB, Miller J, Brinker J, Di Carli M, Rybicki FJ, Rochitte CE, **Clouse M**, Lima JA. Combining coronary angiography and myocardial perfusion by CT in the identification of flow-limiting stenosis-The CORE320 study: A coronary CT angiography-myocardial CT perfusion integrated analysis. *J Cardiovasc Comput Tomogr*. 2015 Mar 21. pii: S1934-5925(15)00094-5. doi: 10.1016/j.jcct.2015.03.004. PMID: 25977111.

Mainiero MB, Lourenco AP, Barke LD, Argus AD, Bailey L, Carkaci S, D'Orsi C, Green ED, Holley SO, Jokich PM, Lee SJ, Mahoney MC, Moy L, **Slanetz PJ**, Trikha S, Yepes MM, Newell MS. ACR Appropriateness Criteria Evaluation of the Symptomatic Male Breast. *J Am Coll Radiol*. 2015 May 19. pii: S1546-1440(15)00187-8. doi: 10.1016/j.jacr.2015.03.024. PMID: 26001306.

**Manning WJ**, Farrell MB, Bezold LI, Choi JY, Cockcroft KM, Gornik HL, Jerome SD, Katanick SL, Heller GV. How Do Noninvasive Imaging Facilities Perceive the Accreditation Process? Results of an Intersocietal Accreditation Commission Survey. *Clin Cardiol*. 2015 Jun 13. doi: 10.1002/clc.22408. PMID: 26072711.

Margolis NE, Mackey RA, **Sarwar A**, Fintelmann FJ. 15 Practical Ways to Add Value in Daily Practice: An Imaging 3.0 Primer for Trainees. *J Am Coll Radiol*. 2015 Jun;12(6):638-40. doi: 10.1016/j.jacr.2015.03.002. PMID: 26047405.

Mauri G, Cova L, De Beni S, Ierace T, Tondolo T, Cerri A, **Goldberg SN**, Solbiati L. Real-Time US-CT/MRI Image Fusion for Guidance of Thermal Ablation of Liver Tumors Undetectable with US: Results in 295 Cases. *Cardiovasc Intervent Radiol*. 2015 Feb;38(1):143-51. doi: 10.1007/s00270-014-0897-y. Epub 2014 May 8. PMID: 24806953.

McEvoy SH, Lavelle LP, Purcell YM, Quinlan DM, Skehan SJ, Collins CD, **McMahon CJ.** Should abdominal sequences be included in prostate cancer MR staging studies? *Eur J Radiol*. 2015 Mar 6. pii: S0720-048X(15)00115-1. doi: 10.1016/j.ejrad.2015.02.023. PMID: 25795196.

Nazarian A, Entezari V, Villa-Camacho JC, Zurakowski D, Katz JN, **Hochman M**, Baldini EH, Vartanians V, Rosen MP, Gebhardt MC, Terek RM, Damron TA, Yaszemski MJ, Snyder BD. Does CT-based Rigidity Analysis Influence Clinical Decision-making in Simulations of Metastatic Bone Disease? *Clin Orthop Relat Res*. 2015 May 29. PMID: 26022114.

**Nemec SF**, Molinari F, Dufresne V, Gosset N, **Silva M**, **Bankier AA.** Comparison of four software packages for CT lung volumetry in healthy individuals. *Eur Radiol*. 2015 Jun;25(6):1588-97. doi: 10.1007/s00330-014-3557-3. PMID: 25576226.

**Occhipinti M**, **Heidinger BH**, **Franquet E**, **Eisenberg RL**, **Bankier AA.** Imaging the posterior mediastinum: a multimodality approach. *Diagn Interv Radiol*. 2015 May 15. doi: 10.5152/dir.2014.14467. PMID: 25993732.

Ong EM, Ghazi LJ, Schwartz DA, **Mortelé KJ.** Guidelines for imaging of Crohn's perianal fistulizing disease. *Inflamm Bowel Dis*. 2015 Apr;21(4):731-6. doi: 10.1097/MIB.0000000000000367. PMID: 25751067.

**Parker JA.** ABNM International In-Training Examination Program. *J Nucl Med*. 2015 Feb;56(2):10N. PMID: 25645220.

Rastegar N, Matteoni-Athayde LG, Eng J, Takahashi N, Tamm EP, **Mortele KJ**, Syngal S, Margolis D, Lennon AM, Wolfgang CL, Fishman EK, Hruban RH, Goggins M, Canto MI, Kamel IR. Incremental value of secretin-enhanced magnetic resonance cholangiopancreatography in detecting ductal communication in a population with high prevalence of small pancreatic cysts. *Eur J Radiol*. 2015 Apr;84(4):575-80. doi: 10.1016/j.ejrad.2014.12.028. PMID: 25619503.

**Redmond CE**, Nason GJ, Kelly ME, **McMahon C**, Cantwell CP, Quinlan DM. Transrectal Ultrasound Guided Biopsy of the Prostate: Is the Information Accessible, Usable, Reliable and Readable? *Curr Urol*. 2015 May;8(1):32-7. doi: 10.1159/000365686. PMID: 26195961.

Ridge CA, **Litmanovich DE.** Acute aortic syndromes: current status. *J Thorac Imaging*. 2015 May;30(3):193-201. doi: 10.1097/RTI.0000000000000155. PubMed PMID: 25851925.

Roujol S, Basha TA, Weingärtner S, Akçakaya M, Berg S, **Manning WJ**, Nezafat R. Impact of motion correction on reproducibility and spatial variability of quantitative myocardial T2 mapping. *J Cardiovasc Magn Reson*. 2015 Jun 12;17:46. doi: 10.1186/s12968-015-0141-1. PMID: 26067275; PMCID: PMC4465156.

Roujol S, Foppa M, Weingärtner S, **Manning WJ**, Nezafat R. Adaptive registration of varying contrast-weighted images for improved tissue characterization (ARCTIC): Application to T1 mapping. *Magn Reson Med*. 2015 Apr;73(4):1469-82. doi: 10.1002/mrm.25270. Epub 2014 May 5. PMID: 24798588; PMCID: PMC4221574.

Rozenblum N, Zeira E, Bulvik B, Gourevitch S, Yotvat H, Galun E, **Goldberg SN**. Radiofrequency Ablation: Inflammatory Changes in the Periablative Zone Can Induce Global Organ Effects, including Liver Regeneration. *Radiology*. 2015 Aug;276(2):416-25. doi: 10.1148/radiol.15141918. PMID: 25822472.

Rozenblum N, Zeira E, Scaiewicz V, Bulvik B, Gourevitch S, Yotvat H, Galun E, **Goldberg SN**. Oncogenesis: An "Off-Target" Effect of Radiofrequency Ablation. *Radiology*. 2015 Aug;276(2):426-32. doi: 10.1148/radiol.2015141695. PMID: 26203709.

Rybicki FJ, Mather RT, Kumamaru KK, Brinker J, Chen MY, Cox C, Matheson MB, Dewey M, DiCarli MF, Miller JM, Geleijns J, George RT, Paul N, Texter J, Vavere A, Yaw TS, Lima JA, **Clouse ME**. Comprehensive assessment of radiation dose estimates for the CORE320 study. *AJR Am J Roentgenol*. 2015 Jan;204(1):W27-36. doi: 10.2214/AJR.13.12375. PMID: 25539270.

**Sarwar A**, **Ahn E**, **Brennan I**, **Brook OR**, **Faintuch S**, Malik R, Khwaja K, **Ahmed M**. Utility of liver biopsy in predicting clinical outcomes after percutaneous angioplasty for hepatic venous obstruction in liver transplant patients. *World J Hepatol*. 2015 Jul 18;7(14):1884-93. doi: 10.4254/wjh.v7.i14.1884. PMID: 26207170.

**Sarwar A**, Boland G, **Monks A**, **Kruskal JB**. Metrics for Radiologists in the Era of Value-based Health Care Delivery. *Radiographics*. 2015 May-Jun;35(3):866-76. doi: 10.1148/rg.2015140221. PMID: 25839737.

Schwartz DA, Ghazi LJ, Regueiro M, Fichera A, Zoccali M, Ong EM, **Mortelé KJ**. Guidelines for the multidisciplinary management of Crohn's perianal fistulas: summary statement. *Inflamm Bowel Dis*. 2015 Apr;21(4):723-30. doi: 10.1097/MIB.0000000000000315. PMID: 25751066.

**Senapati GM**, **Sheiman RG**, Almashat S, Goldsmith JD. Pleomorphic Liposarcoma of the Inferior Vena Cava: AIRP Best Cases in Radiologic-Pathologic Correlation. *Radiographics*. 2015 Jan-Feb;35(1):269-74. doi: 10.1148/rg.351140198. PMID: 25590403.

**Sharpe RE Jr**, **Mehta TS**, **Eisenberg RL**, **Kruskal JB**. Strategic planning and radiology practice management in the new health care environment. *adiographics*. 2015 Jan-Feb;35(1):239-53. doi: 10.1148/rg.351140064. PMID: 25590401.

Shklyar I, Geisbush TR, Mijalovic AS, Pasternak A, Darras BT, **Wu JS**, Rutkove SB, Zaidman CM. Quantitative muscle ultrasound in Duchenne muscular dystrophy: A comparison of techniques. *Muscle Nerve*. 2015 Feb;51(2):207-13. doi: 10.1002/mus.24296. Epub 2014 Dec 23. PMID: 24862337; PMCID: PMC4241391.

**Silva M**, **Bankier AA**, Centra F, Colombi D, Ampollini L, Carbognani P, Sverzellati N. Longitudinal evolution of incidentally detected solitary pure ground-glass nodules on CT: relation to clinical metrics. *Diagn Interv Radiol*. 2015 Jul 3. doi: 10.5152/dir.2015.14457. PMID: 26140697.

**Slanetz PJ**, Freer PE, Birdwell RL. Breast-density legislation--practical considerations. *N Engl J Med*. 2015 Feb 12;372(7):593-5. doi: 10.1056/NEJMp1413728. PMID: 25671249.

Smetana GW, **Boiselle PM**, Schwartzstein RM. Screening for lung cancer with low-dose computed tomography: grand rounds discussion from the Beth Israel Deaconess Medical Center. *Ann Intern Med*. 2015 Apr 21;162(8):577-82. doi: 10.7326/M15-0055. PMID: 25894026.

**Smith MP**, Katz DS, Lalani T, Carucci LR, Cash BD, Kim DH, Piorkowski RJ, Small WC, Spottswood SE, Tulchinsky M, Yaghai V, Yee J, Rosen MP. ACR Appropriateness Criteria® Right Lower Quadrant Pain-Suspected Appendicitis. *Ultrasound Q*. 2015 Jun;31(2):85-91. doi: 10.1097/RUQ.0000000000000118. PMID: 25364964.

Tanami Y, Jinzaki M, Kishi S, Matheson M, Vavere AL, Rochitte CE, Dewey M, Chen MY, **Clouse ME**, Cox C, Kuribayashi S, Lima JA, Arbab-Zadeh A. Lack of Association Between Epicardial Fat Volume and Extent of Coronary Artery Calcification, Severity of Coronary Artery Disease, or Presence of Myocardial Perfusion Abnormalities in a Diverse, Symptomatic Patient Population: Results From the CORE320 Multicenter Study. *Circ Cardiovasc Imaging*. 2015 Mar;8(3):e002676. doi: 10.1161/CIRCIMAGING.114.002676. PMID: 25752899; PMCID: PMC4355954.

Taylor S, **Litmanovich DE**, **Shahzad M**, **Bankier AA**, Gevenois PA, Tack D. Organ-based Tube Current Modulation: Are Women's Breasts Positioned in the Reduced-Dose Zone? *Radiology*. 2015 Jan;274(1):260-6. doi: 10.1148/radiol.14140694. Epub 2014 Aug 22. PMID: 25153159.

**Tsai LL**, Kaliannan K, **Mortele KJ**. Gallbladder splenosis: a hereto unreported mimicker of a gallbladder neoplasm. *Clin Imaging*. 2015 Mar-Apr;39(2):318-20. doi: 10.1016/j.clinimag.2014.10.018. Epub 2014 Nov 5. PMID: 25467423.

van Riel SJ, Sánchez CI, **Bankier AA**, Naidich DP, Verschakelen J, Scholten ET, de Jong PA, Jacobs C, van Rikxoort E, Peters-Bax L, Snoeren M, Prokop M, van Ginneken B, Schaefer-Prokop C. Observer Variability for Classification of Pulmonary Nodules on Low-Dose CT Images and Its Effect on Nodule Management. *Radiology*. 2015 May 22:142700. PMID: 26020438.

**Varma G**, Duhamel G, de Bazelaire C, **Alsop DC**. Magnetization transfer from inhomogeneously broadened lines: A potential marker for myelin. *Magn Reson Med*. 2015 Feb;73(2):614-22. doi: 10.1002/mrm.25174. Epub 2014 Mar 6. PMID: 24604578.

Waks JW, Manning WJ. Left Atrial Appendage Closure to Reduce the Risk of Thromboembolic Complications in Atrial Fibrillation: Pay Now and Possibly Pay Later? *J Am Coll Cardiol*. 2015 Jun 23;65(24):2624-7. doi: 10.1016/j.jacc.2015.03.593. PMID: 26088301.

Weiss N, **Goldberg SN**, Nissenbaum Y, Sosna J, Azhari H. Planar strain analysis of liver undergoing microwave thermal ablation using x-ray CT. *Med Phys*. 2015 Jan;42(1):372. doi: 10.1118/1.4903896. PMID: 25563277.

**Wu JS**, Li J, Greenman RL, Bennett D, Geisbush T, Rutkove SB. Assessment of aged mdx mice by electrical impedance myography and MRI. *Muscle Nerve*. 2015 Jan 16. doi: 10.1002/mus.24573. PMID: 25597760.

Yeon SB, Salton CJ, Gona P, Chuang ML, Blease SJ, Han Y, Tsao CW, Danias PG, Levy D, O'Donnell CJ, **Manning WJ**. Impact of age, sex, and indexation method on MR left ventricular reference values in the Framingham Heart Study offspring cohort. *J Magn Reson Imaging*. 2015 Apr;41(4):1038-45. doi: 10.1002/jmri.24649. Epub 2014 May 12. PMID: 24817313; PMCID: PMC4248013.

**Zhang D**, Savage CA, Li X, Liu B. Data-Driven CT Protocol Review and Management-Experience From a Large Academic Hospital. *J Am Coll Radiol*. 2015 Jan 7. pii: S1546-1440(14)00637-1. doi: 10.1016/j.jacr.2014.10.006. PMID: 25577405.

Zhang L, **Wang X**, Bullock AJ, Callea M, Shah H, Song J, Moreno K, Visentin B, Deutschman D, **Alsop DC**, Atkins MB, Mier JW, Signoretti S, Bhasin M, Sabbadini RA, Bhatt RS. Anti-S1P antibody as a novel therapeutic strategy for VEGFR TKI-resistant renal cancer. *Clin Cancer Res*. 2015 Apr 15;21(8):1925-34. doi: 10.1158/1078-0432.CCR-14-2031. PMID: 25589614.