



# Radical Views...

from the Department of Radiology

Volume 9, Number 10  
**APRIL 2017**



Beth Israel Deaconess  
Medical Center



HARVARD MEDICAL SCHOOL  
TEACHING HOSPITAL



*Donna Hallett, BSc  
Sr. Director of Operations*

## New in CT ...

### **Kelly Hart, CT Manager**

I am pleased to announce that Kelly Hart, MHA/Ed RT RM MR CT joined us on March 27th. Kelly comes to us from Tufts Medical Center where she led the MRI division and is licensed/certified in Mammography, MRI and CT. With a B.S. in Radiology and a Master's degree in Healthcare Administration, she comes to us with a diverse background in these modalities as well as in education, having worked with Regis College in both the mammography and CT programs. When not working, she enjoys

cooking and playing with her three children (and one grandson) and taking walks along the beaches and woods. Please join me in welcoming Kelly to our team.



## The CT Revolution is finally here!

Our new GE 256-slice CT scanner located in Rosenberg-3 offers technology that provides excellent image quality and clinical capabilities through the combination of coverage, spatial resolution and temporal resolution.

CT still has challenges with patients who have high heart rate, metallic implants, or who are non-compliant. The Revolution CT is able to address these challenging patients by freezing cardiac motion in one heartbeat, reducing metal artifacts, and offering the potential for sedation-free CT scanning. The system also offers

benefits for sensitive patient groups such as pediatric, renal insufficiency, trauma, and stroke.

The Revolution scanner combination of technological advances include 16 cm whole organ coverage, best-in-class spatial resolution through the new Gemstone Clarity Detector, and a new gantry designed to image at 0.28 second rotation speed and tested to support rotation speeds up to 0.2 seconds in the future. A basic CT scanner uses 24 kilowatt and generates eight images slices per second; the Revolutions scanner uses 512 slices, allowing easier imaging of moving parts like the heart.

The impact of the technology includes:

- Cardiology: One beat, motion-free cardiac in high definition at any heart rate with or without beta-blockers. This delivers the clinical information needed for the coronaries, myocardial perfusion and function with one contrast injection.
- Oncology: Low-dose, whole organ diagnosis and follow up of organs such as the liver, kidneys, pancreas, etc. are enabled by dynamic acquisition modes.

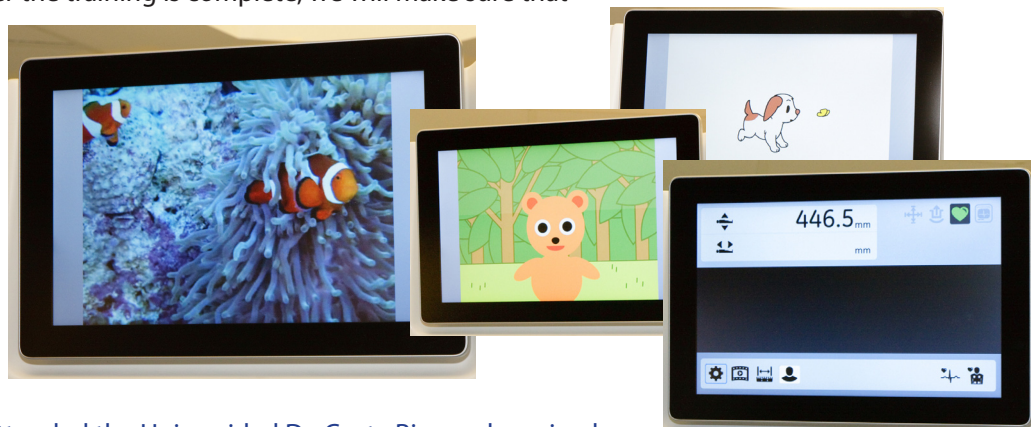


*(cont'd on page 2)*

- Neurology: Rapid, comprehensive stroke assessment with whole brain perfusion and dynamic CT angiography at very low dose.
- Patient weight capacity up to 675(lbs.)
- Fast accurate reconstruction technology with cleared reduced noise levels and improved low-contrast detectability.
- Fast and low dose 70 kVp acquisitions for sedation-free and minimal breath-hold pediatric studies are also now possible.
- Routinely reduces dose up to 82% for patients of all ages with uncompromised image quality.
- Reduces patient anxiety with Revolution CT's Whisper Drive, soft ambient lighting, personalized gantry display (see below).

The Revolution CT is able to scan even the most challenging patients, day in and day out, with remarkably clear images. It can also scan patients at very low doses. And after the training is complete, we will make sure that we're using it productively, logically, and wisely.

Thank you  
- Usama Abraham, CT Supervisor



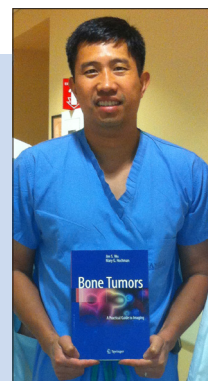
Also please welcome new CT Research Fellow **Andrés Camacho, MD.**



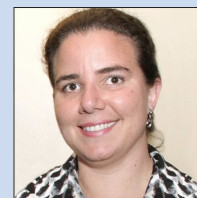
Andres attended the Universidad De Costa Rica and received his Bachelor's in Medical Sciences and MD in Medicine and Surgery in February 2017. He joins Radiology as a research fellow under the mentorship of Dr. Olga Brook and hopes to work on metal artifact reduction algorithms in abdominal imaging. He is a dog lover and movie junkie who also enjoys the outdoors -- and he plans to share his photos of his native Costa Rica in our Rosenberg-3 Gallery/Conference Room.



Congratulations to MSK Chief **Jim Wu** on his promotion to Associate Professor of Radiology at HMS as of March 2017. Among Jim's many accomplishments are his book *Bone Tumors: A practical guide to imaging*, Springer and eight review articles on the imaging features of MSK tumors. His review article, "Imaging of soft tissue tumors and tumor-like conditions: A systematic approach," is one of the Top 10 most downloaded articles for the journal *Radiology*. We look forward to further achievements!  
- Jonny



Congratulations MRI Research Fellow **Patricia Coutinho, DVM, PhD** - Dr. Coutinho (and her co-investigators Leo Tsai and Muneeb Ahmed) received the **2017 SAR Wylie J. Dodds Research Award** of \$15,000 for her work, **In vivo tracking of hepatic c-Met expression following RF ablation and tumorigenic response in c-Met positive hepatocellular carcinoma using targeted molecular MRI.**



As an award recipient, Patricia was recognized during the 2017 SAR Business Meeting on March 26, 2017. SAR expects interim and annual reports to the Board on the progress of this research which must be completed within two (2) years of the Award, and presented during the SAR 2019 Annual Scientific and Educational Meeting.



# Radiology Calendar APRIL 2017

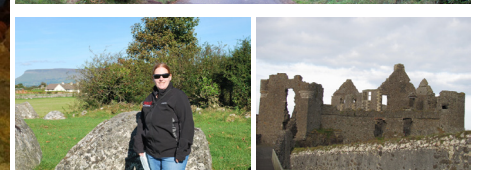
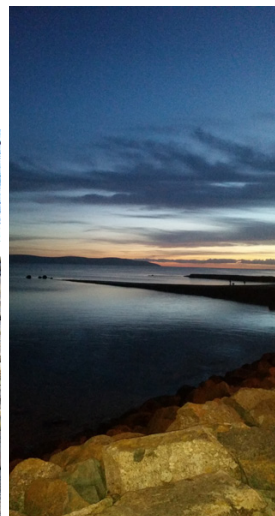
Check for the most up-to-date schedule at: <https://apps.bidmc.org/departments/radiology/residency/conferences/displayMonth.asp>

Mon	Tues	Wed	Thurs	Fri
Weekly <b>Mon</b> Section Meetings: 3:00-4:00 ED section meeting [ED annex, WCC]		Weekly <b>Wed</b> 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 <b>Thurs</b> Section Meetings: 12:00 - 1:30 Abd [WCC-354] 12:00-1:00 MSK	* Note that as of July 2016, our 12 noon Friday Grand Rounds will now be in the <b>Rabkin Board Room</b> , Shapiro-10, East Campus ( <i>except when noted otherwise</i> )
<b>3</b> 7:30 - 8:15 Mammo (TBD) 8:15 - 9:00 Mammo (TBD)	<b>4</b> 7:30 - 8:15 Mammo (TBD) 8:15 - 9:00 Mammo (TBD) <b>12:00-1:00</b> Neuro call prep (Neuro fellows)	<b>5</b> 7:30 - 8:15 Mammo (TBD) 8:15 - 9:00 Mammo (TBD) <b>12:00-1:00</b> Neuro call prep (Neuro fellows)	<b>6</b> 7:30 - 8:15 Mammo (TBD) 8:15 - 9:00 Mammo (TBD) 3:00-4:00 West MedRads - Sr. Resident, West Body CT [Clouse]	<b>7</b> 7:30 - 8:30 MSK Topic (John Carrino) <b>12:00 - 1:00 Grand Rounds:</b> Challenges and Opportunities for MSK Radiology to Prove Value in Alternative Payment Models (John Carrino)
<b>10</b> 7:30 - 8:15 Body (TBD) 8:15 - 9:00 Body (TBD) 12:00-1:00 MRI meeting [Ansin 2]	<b>11</b> 7:30 - 8:15 Body (TBD) 8:15 - 9:00 Body (TBD) 10:30-11:30 NMMI meeting [GZ-103]	<b>12</b> 7:15-8:00 US meeting [WCC-304A] 7:30 - 8:15 Neuro fellow case conference (Neuro fellow) 8:15 - 9:00 Neuro fellow lecture (TBD) <b>12:00-1:00 Neuro case conference</b> (Neuro fellows)	<b>13</b> 7:30 - 8:15 Body (TBD) 8:15 - 9:00 Body (TBD)	<b>14</b> <b>12:00-1:00</b> Chief Rounds: Mohammed Elsayed, Fady El-Gabalaway, Brian Zhao, Trevor Lewis
<b>17</b> Patriot's Day	<b>18</b> 7:30 - 8:15 TBD (Sahil Mehta) 8:15 - 9:00 Y-90 (Ammar Sarwar) 8:00-9:00 IR Meeting [West Recovery]	<b>19</b> 7:30 - 8:15 Interventional Oncology RFA (Muneeb Ahmed) 8:15 - 9:00 Needles and Wires (Olga Brook) <b>12:00-1:00 Neuro case conference</b> (Neuro fellows)	<b>20</b> 7:30 - 8:15 Treatment Strategies in HCC (Ammar Sarwar) 8:15 - 9:00 Chemoembolization (Salomao Faintuch) 3:00-4:00 West MedRads - Sr. Resident, West Body CT [Clouse]	<b>21</b> 7:30 - 8:15 Challenging Authority (Ronald Eisenberg) <b>12:00 - 1:00</b> Grand Rounds: Department/QI update (Bettina Siewert) <b>Sherman Auditorium</b>
<b>24</b> 8:15 - 9:00 Physics (TBD)	<b>25</b> 8:15 - 9:00 Physics (TBD) 10:30-11:30 NMMI meeting [GZ-103]	<b>26</b> 8:00 - 8:15 Neuro (TBD) <b>12:00-1:00 Neuro case conference</b> (Neuro fellows)	<b>27</b> 8:15 - 9:00 Physics (TBD)	<b>28</b> <b>12:00 - 1:00 No Grand Rounds: NERRS</b>

## The Gallery presents a show by Tabitha Fineberg

Photographer & Program Education Manager

**Fáilte go hÉirinn** – You are most welcome to Ireland! Tabitha shares her adventure across 11 counties in Ireland during an 11-day journey circling the entire outer perimeter of the country and Northern Ireland in October 2015.





Friday, April 7, 2017 -  
Shapiro-10, Rabkin Board Rm  
Challenges And Opportunities  
For MSK Radiology To Prove  
Value In Alternative Payment  
Models

**John Carrino, MD, MPH** -  
Vice Chairman of Radiology and  
Imaging, Hospital for Special

Surgery, NY, NY; Professor of Radiology at Weill  
Medical College, Cornell University.

Dr. Carrino earned a BS in Zoology as well as his MD  
at George Washington University and an MPH from  
Harvard School of Public Health. He completed  
his residency training in Radiology with a focus in  
Musculoskeletal Imaging at Yale School of Medicine  
and held faculty positions in Bethesda, San Antonio,  
Boston, Philadelphia and Baltimore before joining  
Cornell's Weill Medical College in 2014.

Areas of Interest include: Spine imaging, Novel MRI  
techniques, Health services research and  
Informatics.

Publications related to his Grand Rounds talk at  
BIDMC include:

Chalian M, Del Grande F, Thakkar RS, Jalali SF, Chhabra A,  
**Carrino JA**. Second-Opinion Subspecialty Consultations  
in Musculoskeletal Radiology. AJR Am J Roentgenol.  
2016 Jun;206(6):1217-21. PMID: 27058462.

Narayan A, Cinelli C, **Carrino JA**, Nagy P, Coresh J, Riese  
VG, Durand DJ. Quality Measurements in Radiology:  
A Systematic Review of the Literature and Survey of  
Radiology Benefit Management Groups. J Am Coll  
Radiol. 2015 Nov;12(11):1173-81.e23. PMID: 26372621.



Friday, April 21, 2017 - **Sherman Auditorium**  
Barriers to Safety Event Reporting: Authority  
Gradients & Other Human Factors

**Bettina Siewert, MD** - Executive Vice Chair for  
Radiology; Vice Chair for Quality, Safety and  
Performance Improvement; Staff Radiologist,  
Abdominal Imaging and Associate Professor of  
Radiology, Harvard Medical School

Dr. Siewert and her team have put together a powerful presentation  
after having assessed the results of the Radiology Cockpit Gradient  
Survey first introduced in March 2015. What they found was the  
revolutionary discovery that how we treat each other affects patient  
outcomes. In keeping with this theme and for archival purposes,  
it seems most appropriate to list the behaviors that comprise an

**Environment of Respect:**

1. Addressing someone by their name
2. Making eye contact
3. Giving someone your undivided attention
4. Including everyone in discussions
5. Being completely candid
6. Seeking someone's opinion
7. Referring to their opinion and expertise
8. Validating their opinion and ideas
9. Recommending them to others
10. Asking for someone's help
11. Offering a verbal compliment or thank you
12. Giving public recognition
13. Defending someone in front of others
14. Sharing your limited resources
15. Making a personal sacrifice for someone
16. Showing interest in someone's work & family
17. Showing concern for health and well-being
18. Supporting someone's work and objectives
19. Offering assistance to help someone succeed
20. Empathizing with set-back or loss

Publications related to her Grand Rounds talk at BIDMC include:

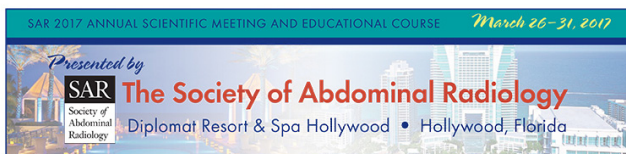
Boos J, Fang J, Snell A, Hallett D, **Siewert B**, Eisenberg RL, Brook OR.  
Electronic Kiosks for Patient Satisfaction Survey in Radiology. AJR Am J  
Roentgenol. 2017 Mar;208(3):577-584. PMID: 28004975.

Brook OR, **Siewert B**, Weinstein J, Ahmed M, Kruskal J. Measuring and  
improving the patient experience in radiology. Abdom Radiol (NY). 2016  
Nov 16. PMID: 27853849.

Kruskal JB, Eisenberg RL, Brook O, **Siewert B**. Transitioning from peer  
review to peer learning for abdominal radiologists. Abdom Radiol (NY).  
2016 Mar;41(3):416-28. doi: 10.1007/s00261-016-0675-1. Review. PMID:  
26940330.

**Siewert B**, Brook OR, Hochman M, Eisenberg RL. Impact of Communication  
Errors in Radiology on Patient Care, Customer Satisfaction, and Work-Flow  
Efficiency. AJR Am J Roentgenol. 2016 Mar;206(3):573-9. PMID: 26901014.

**Siewert B**, Hochman MG. Improving Safety through Human Factors  
Engineering. Radiographics. 2015 Oct;35(6):1694-705. PMID: 26466179.



**SAR**  
Diagnosis Live -  
2 out of 3  
Expert case  
winners  
are/were from  
BIDMC:

Leaderboard	
	<b>Jacob Bieszczad</b> Team: Team 3 Score: <b>210</b> Rank: <b>1/318</b>
	<b>Aarti Sekhar</b> <i>former BIDMC Resident and Abd Fellow; now Assistant Professor of Radiology, Emory University School of Medicine</i> Team: Team 4 Score: <b>210</b> Rank: <b>1/318</b>
	<b>Jennifer Nimhuirch...</b> Team: Team 1 Beth Israel Deacone... Score: <b>200</b> Rank: <b>3/318</b>





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

## AIDEEN SNELL ON THE PATIENT EXPERIENCE

Radiology Action Planning Committee's Patient Engagement

### APRIL TIP of the Month:

### Be "present and engaged" when interacting with patients and co-workers

#### What Does It Mean To Be "Present and Engaged"?

Recently we formalized our Radiology Service Standards and their importance in every interaction with our patients. One of our standards is to be present and engaged with the patient. What does this mean?

There may be a million things going on and you have a job to do, so how do you make sure you're mindful of being present and engaged? Let's first look at some situations in our personal life. Have you ever driven home from work, arrived home and not remembered the entire journey? Or how many conversations have you been in, maybe even with your child, and when asked a question you realize you had not been paying attention at all? Maybe you're in such good company and excited about the conversation that instead of listening, you're already thinking about your response. These are all very normal behaviors and have happened to most of us. It takes a lot of work to be mindful of being in the moment.

#### As 'Dan Black on Leadership' shares in How to be Fully Engaged in Conversations:

1. **Have proper body language** – When communicating it's essential to remember our non-verbal body language speaks louder than our verbal. 80% of what we understand in conversation comes through the body. This requires having your facial expressions, posture, eye contact and body language in line with the conversation. Stand up straight, have your hands comfortably to your side, and have your face and eyes toward the person you're talking with.
2. **Care and value the person** – When you talk with someone you should make it a point to care and value them and the conversation. This takes actively seeing the best in others no matter their current or past situation or background. Les Gilbin says, "You can't make the other fellow feel important in your presence if you secretly feel that he's a nobody." Show people you care by being engaged in the conversation and making them feel like a million.
3. **Intentional concentration** – It's important to avoid being distracted with something outside of the conversation. This can include your surroundings, inner dialog, or thinking about what you're going to say after the person is finished talking. Being engaged in conversation requires being intentional about staying focused on the person and conversation. Practice concentrating and having an intense focus during your conversations.



At the end of the Radiology Service Standards training you were asked to complete a brief survey. We had 61 total responses from staff - 28% felt we do an excellent job creating a consistent experience for our patients. 85% feel they get the training they need to provide a consistent experience to our patients. If you're interested in learning more about the survey results, you can view them through this link: <https://www.surveymonkey.com/results/SM-WPV8SJ6G/>



**BIDMC Interventional Radiology at SIR 2017, Washington, DC March 4-9**



**Ammar Sarwar** received the **JVIR Editor's Award for Distinguished Clinical Studies** for, "*Clinical Outcomes following Percutaneous Radiofrequency Ablation of Unilateral Aldosterone-Producing Adenoma: Comparison with Adrenalectomy*" (co-authors Olga Brook, Barry

Sacks, Nahum Goldberg, Muneeb Ahmed and Sal Faintuch).

This distinction is supported by the Society of Interventional Radiology Foundation as acknowledgment of the essential research that is conducted in interventional radiology and published within JVIR. This paper was chosen by a review of all manuscripts published in 2016, voted by the editorial board members, and selected by the editor-in-chief.

Other Highlights of the SIR (Society of Interventional Radiology) Meeting include:

- **Jeff Weinstein** won the JVIR Distinguished Reviewer Award

- Speakers and Presenters: IR Staff, **Muneeb Ahmed, Olga Brook, Sal Faintuch, Sahil Mehta, Ammar Sarwar, Jeff Weinstein**; Residents, **Chris Hostage** (3rd yr), and **Quang Nguyen** (4th yr)



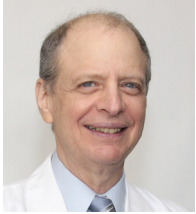
**Sal Faintuch** at the House of Representatives lobbying for support of the new IR residency and in the office of Representative Michael Capuano (D-MA) with Chief of Staff Robert Primus.







Priscilla J. Slanetz,  
MD, MPH, FACR,  
Director



Ronald Eisenberg,  
MD JD, Assoc. Director



Anu Shenoy-Bhangle,  
MD, Assoc. Director

Chief Residents:



Jenny Steinkeler, MD



Hannah Perry, MD, MSC



Christine Chen, MD

## Teaching Tips: ENHANCING TEACHING AT THE WORK STATION

Teaching radiology poses some unique challenges. Depending on how the section is staffed, it can be challenging to teach trainees while keeping up with the clinical workload. In addition, rarely do you as an attending work with the same trainee over an extended period of time. In reality, most faculty work with trainees for either a half-day or at most one day at a time. Given this somewhat sporadic interaction and the inherent lack of continuity due to scheduling, it can be difficult to create an effective learning environment. However, as teaching is one of our primary missions, we need to be cognizant of this challenge and implement some simple strategies to enhance the teaching of our trainees. Below you will find some ideas from several people in our department:

1. **Share your thought process during readouts.** Due to increasing clinical demands, often teaching does not happen as the focus is on “getting through the list”. Although trainees do help substantially with getting the clinical work done, faculty must remember that we are training the next generation of radiologists. Find something interesting to point out in nearly every case; share your thought process on how you came to the conclusion that you did – it only takes a few extra seconds and it will be greatly appreciated.
2. **Ask the trainee if there is something specific that they would like you to give them in terms of feedback.** Given that faculty often work with a trainee for only a half-day or day at a time, it can be difficult to know what specific areas the trainee might need to improve upon. Therefore, by asking the trainee at the beginning of the day, it becomes much easier to provide useful feedback on specific areas. It also encourages the trainee to reflect on their strengths and areas for growth.
3. **Assign interesting and instructive cases on PACS.** Especially for those who interpret radiographs, many of the cases we encounter have special teaching value for trainees. If the attending simply reads the case, the trainee cannot learn from this educational opportunity. Therefore, consider assigning the case to the trainee by putting their number on it. This permits the trainee to have a much higher percentage of positive and instructive cases than randomly picking up cases from the worklist. It also makes the readout sessions more stimulating and valuable for both trainee and attending alike.
4. **Share best case(s) throughout the day.** Everyone needs to get the work done by the end of the shift, and all of us want to be able to leave on time. However, it is important to encourage all team members – attending, fellow, resident, medical student – to identify interesting cases so as to create daily “teaching moments.” Imagine if everyone shared something each session -- there would be at least 4-8 “teaching moments” every day. These meaningful conversations might even spark trainee interest in learning more about a topic or possibly be the start of a new research project. It definitely would make for a more interesting day!
5. **Create a weekly interesting case conference in your section.** Although we are all busy, who doesn't like to see the best cases of the week? Identify a half hour each week for the conference and ask each faculty and trainee to bring at least one case to share with the group.
6. **For trainees: Think of 1-2 specific questions to ask the attending during readout.** Before readout begins, think of at least one specific question related to the studies that you have read. When your service is very busy, the time for workstation teaching can become scarce. In coming up with targeted questions for your attending related to studies that you have read that day, you will ensure that you learn about some key teaching points even on the busiest of days.





## RESIDENCY PROGRAM NEWS



On Friday, March 10th, at the New England Roentgen Ray Society meeting, trainees from BIDMC won the MSK Case Competition! Our prize? Pez dispensers! Above: some of the trainees from our team, as well as our faculty who lectured at the meeting. From left to right: Patricia Jo, Mary Hochman, Alexei Kudla, Fady El-Gabalaway, Bonny Lee, Chris Maxwell, Jason Song, Daon Ha, Colm McMahon, Ken Wei, Allen Prober, Hannah Perry.

## Radiology Engages in Trapology - Using handcuffs to learn trust and team building

As part of the ongoing Residency Wellness initiative, residents and fellows as well as program leadership got together for an escape room event on Friday, March 3rd. Teams were divided into two rooms: the drunk tank and the hustler. Teams raced

the clock, working together to escape their designated rooms. Sadly, neither team was able to escape but this was a great way for residents, fellows and program leadership to not only spend time together but work together under fun and stressful circumstances. Our favorite quote of the night was from Residency Program Coordinator Lynne Mills: *"- but I don't want to go to jail!"*

Each room was different. In the drunk tank four teams of two were handcuffed together and locked inside a jail cell full of clues. Team members had to find clues to escape the cell, i.e., try to find keys to the handcuffs, and find the code to the door. The clues lead to two additional rooms full of more clues and mystery.

The teams were given three additional clues that they had to dance for and occasionally a computer monitor would prompt an additional minor clue that would nudge the team along. It was a blast!



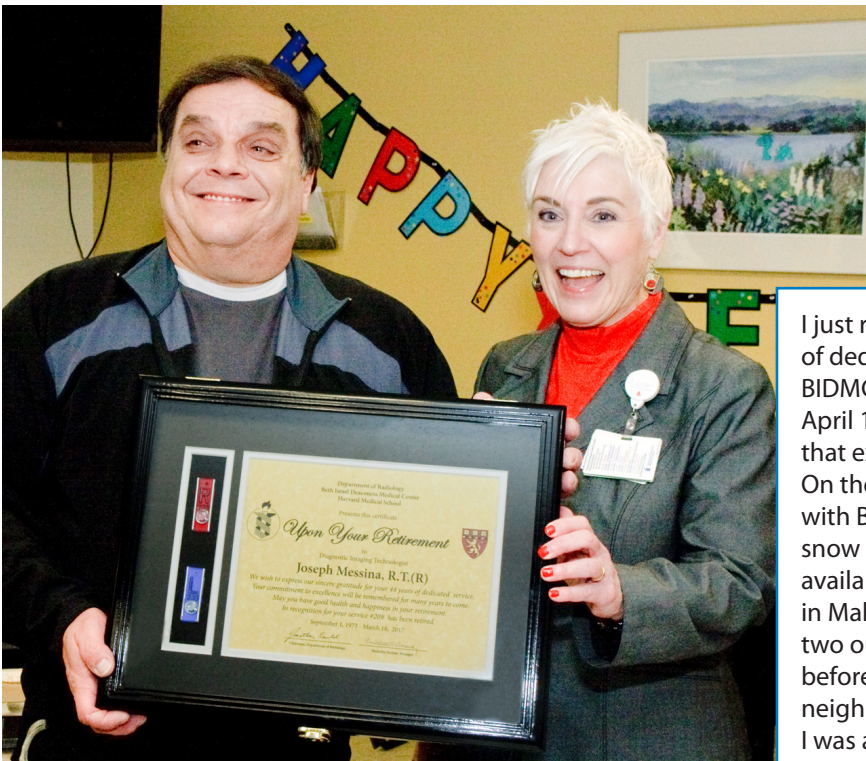


**MILESTONES**



On March 29, we celebrated Dx Tech **Joseph Messina's** retirement from Radiology after 44 years! Joe joined the New England Deaconess staff in 1973 and has been a cornerstone on the night shift in Diagnostic Radiology ever since. We presented Joe with a special plaque and wish him the very best in his retirement. We also "retired" his tech number # 209 in his honor.

-Betsy Grady, Dir., Dx Imaging



I just read that Joe is retiring after 44 yrs of dedicated service to the NEDH and BIDMC. As I will not be back in Boston till April 1, I would like to share an anecdote that exemplifies his dedication:  
 On the morning of the 1978 blizzard with Boston receiving 27.6 inches of snow with virtually no public transport available, Joe walked in from his home in Malden that morning and helped me in fluoro to examine two outpatients that had come up from Westerly RI the day before, for a scheduled appointment at 8am staying in the neighborhood. The only reason I could be in the dept was that I was an inpatient receiving IV antibiotics for a work-related injury. The patients that morning must have been astonished to be examined by a radiologist hooked up to an IV! Joe and I will never forget that day.

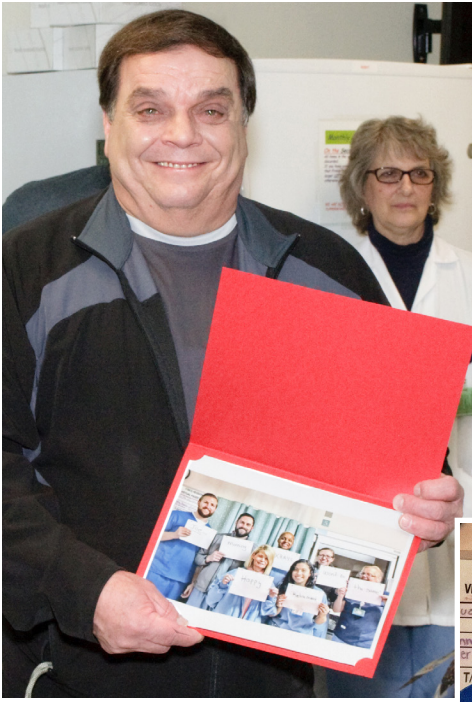


- Herbert Gramm, MD  
 Associate Radiologist  
 New England Deaconess  
 Hospital, 1975-1993





## MILESTONES (cont'd)

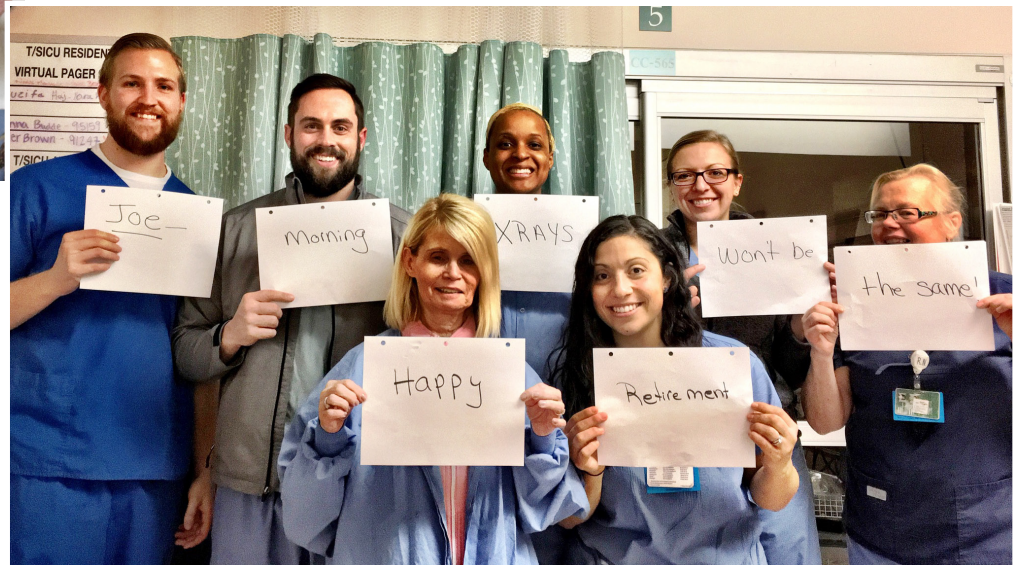


"Joe needs his morning Joe!"  
(Conference MSRT 2011)



Betsy presents Joe with his own French coffee press as his reputation for good coffee is very well known!

The TSICU nurses also presented Joe with this send off shot!



March 30, 2017:

Hi Betsy and all staff,

I just wanted to show my appreciation to you and all the staff for giving me this emotional send off. I was not expecting such a heart felt appreciation. The gifts were so generous and thoughtful. Many people showed up I wasn't expecting, this was overwhelming at times, but I loved it!!!

No other influence has been greater in my life, than working at BIDMC, and you all helped me grow intellectually and spiritually, more than you know. You all should be proud of the work you do, because you are all so special. You have more influence on more individuals than your aware of. Making people happy is what it is all about!!!!

Take Care,  
Your former co-worker, but forever friend,  
Joe Messina

## MORE MILESTONES

Thanks to Breast Imaging Tech Juline Horan for sending us this notice!

Belated welcome to **Adrian Daniel Cespedes**, son of Breast Imaging Techologist **Estefanie Cespedes** and Carlos Cespedes (and nephew of Dx Imaging Technologist Jeannette Aitelhadj) who was born on Christmas Day December 25, 2016 at 4:02 pm and weighed 9 pounds 3 ounces!





**CELEBRATING NATIONAL RADIOLOGY TRANSPORTERS WEEK  
2017 with PIZZA & POETRY!**



- Fritz Honore, *Supervisor*
- Rodrique Dorcil, *Lead Transporter*
- Etsegenet Asamene
- Roneikia Avant
- Nahum Cazil
- Joesph Eloj
- June Kim
- Alyssa Klint
- Walson Germain
- Joel Joseph
- Hope Lee
- Delnise Mendes
- Tamara Packer
- Darshit Patel
- Lisa Pina
- Stephanie Robinson
- Joaquin Thomas
- Richard Thomas



Every year, we celebrate National Radiology Transporters Week with special recognition (which includes Pizza) of our transporters and this year was even more special with the poetic contibution written by Ultrasound Manager **Juanita Cook** and a fishing game for a little fun in reeling in a gift card from the Ultrasound/Vascular staff. The staff wanted to thank our hard working colleagues and let them know how much we appreciate their support.

**Ultrasound/Vascular "O-FISH-ally" thanks all our transporters.**



**THANKS TO YOU**  
 FROM THERE TO HERE  
 FROM HERE TO THERE  
 WHEELCHAIRS AND STRETCHERS MOVING  
 EVERYWHERE!  
 UPSTAIRS AND DOWNSTAIRS  
 TO US AND RCU  
 WE HOPE YOU UNDERSTAND  
 WE COULD NOT DO IT WITHOUT YOU  
 A SPECIAL THANK YOU  
 TO ALL OF OUR TRANSPORTERS  
 FROM ALL OF YOUR FRIENDS IN  
*Ultrasound / Vascular*



## PUBLICATION CALL OUT:

Brook OR, **Siewert B**, Weinstein J, Ahmed M, Kruskal J.

Measuring and improving the patient experience in radiology. *Abdom Radiol* (NY). 2016 Nov 16. PMID: 27853849.

### Abstract:

Recently enacted healthcare legislation and the associated payment reforms have shifted the focus from traditional fee for service models to adding measurable and appreciable value to the patient experience. The value equation links quality to costs, and quality metrics are now directly related to patient outcomes and the patient experience. To participate effectively in this new paradigm requires not only that we provide excellent, timely and appropriate patient-centric care at all times, but that we are able to measure and manage the feedback we obtain from our patients. Of course, in order to provide value-added care, we must know not only who our customers are, but what they value. In this review, we explore factors that impact patient perception and experience with imaging services. We further illustrate different ways that patient feedback can be elicited and provide pros and cons of each approach. Collecting appropriate data is insufficient by itself; such data must be carefully analyzed, and opportunities for improvement must be identified, introduced, and monitored ahead of future surveys.

### Correction for March Radical Views 2017:



Congratulations **Georgeta Mihai, PhD** on her **first appointment** as Assistant Professor of Radiology at Harvard Medical School. Georgeta joined our Medical Imaging Physics team in June 2015.

This is great news and very well deserved. Currently, she is working on diagnostic physics compliance and QA activities in all modalities, with an emphasis on MRI, Mammography and radiation shielding design, as well as being very active in educational programs for technologists' inservice and radiology residents' physics training. She is a reviewer for numerous academic journals, an active member of the medical physics community and a researcher in MRI and contrast-enhanced Mammography". Well done, Georgeta!

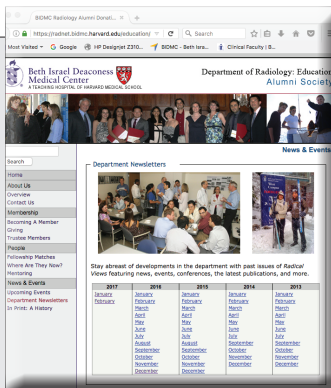


## 10<sup>th</sup> ANNUAL SILVERMAN SYMPOSIUM

Wednesday May 3, 2017 • Shapiro 1

The Silverman Institute for Health Care Quality and Safety will hold its annual Symposium featuring a Poster Session (10:00 am - 2 pm) showcasing the process improvement efforts across the BID system.

Over the past 10 years, teams from across the medical center as well as throughout our growing system of hospitals and clinical affiliations have participated in the activities and celebrated improvement, spread best practices and learned lessons from one another. Plan to participate in a day filled with sharing and recognition of continuous process improvements focused on patient care, quality and safety.



**Stay in touch:**  
Check out our **BIDMC Radiology Alumni Society page** and receive our **monthly Radical Views**

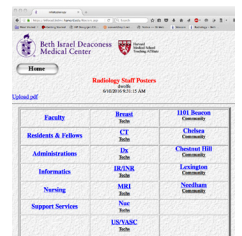
<http://radnet.bidmc.harvard.edu/education/newsletters.asp>

You can also contact **Radical Views Editor Donna Wolfe** at [dwolfe@bidmc.harvard.edu](mailto:dwolfe@bidmc.harvard.edu) with updates, especially after completion of your fellowships!

**REMINDER: Updated Radiology Technologist Rosters & Staff Posters** are available on InfoRadiology in pdf format for viewing, downloading, and printing. Log in to the portal:

<https://portal.bidmc.org/>

If you don't already have InfoRadiology displayed in **My Applications**, click on the **Applications** tab and then under **Clinical**, click on **Inforadiology**. Log into Inforadiology, click on **Staff Posters Tab** to view/download/print the most current Tech Rosters, etc.



**Managers: Please contact Michael Larson** at [mlarson1@bidmc.harvard.edu](mailto:mlarson1@bidmc.harvard.edu) to update rosters as needed



**2017 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 1) Epub dates are included only in publications where the Epub and paper publication dates occur in different years, i.e., Epub in 2015 and paper publication in 2016; and 2) doi addresses are only included until citations are updated with hard copy page citations **[highlighted in yellow, new this calendar year]**

Amabile C, **Ahmed M**, Solbiati L, Meloni MF, Solbiati M, Cassarino S, Tosoratti N, Nissenbaum Y, Ierace T, **Goldberg SN**. Microwave ablation of primary and secondary liver tumours: ex vivo, in vivo, and clinical characterisation. *Int J Hyperthermia*. 2017 Feb;33(1):34-42. PMID: 27443519.

**Anderson TJ, Lu N, Brook OR**. Disease-Specific Report Templates for Your Practice. *J Am Coll Radiol*. 2017 Feb 17. pii: S1546-1440(16)31376-X. PMID: 28223115.

Anderson ME, **Wu JS**, Vargas SO. CORR (®) Tumor Board: Is There Benefit to Free Over Pedicled Vascularized Grafts in Augmenting Tibial Intercalary Allograft Constructs? *Clin Orthop Relat Res*. 2017 Mar 9. doi: 10.1007/s11999-017-5312-y. PMID: 28281138.

Asch E, Shah SH, **Berkowitz S, Mehta S, Eisenberg RL, Jayadevan R, Connolly C, Slanetz PJ**. Resident Idea System: A Novel Tool to Engage Trainees in Quality Improvement at the Institutional Level. *J Am Coll Radiol*. 2017 Feb;14(2):256-261. PMID: 27815057.

Basha TA, Akçakaya M, Liew C, Tsao CW, Delling FN, Addae G, Ngo L, **Manning WJ**, Nezaft R. Clinical performance of high-resolution late gadolinium enhancement imaging with compressed sensing. *J Magn Reson Imaging*. 2017 Mar 16. doi: 10.1002/jmri.25695. PMID: 28301075.

**Boos J, Brook A**, Chingko CM, Morrison T, **Mortele K, Raptopoulos V, Pedrosa I, Brook OR**. MDCT vs. MRI for incidental pancreatic cysts: measurement variability and impact on clinical management. *Abdom Radiol (NY)*. 2017 Feb;42(2):521-530. PMID: 27581431.

**Boos J, Fang J, Heidinger BH, Raptopoulos V, Brook OR**. Dual energy CT angiography: pros and cons of dual-energy metal artifact reduction algorithm in patients after endovascular aortic repair. *Abdom Radiol (NY)*. 2017 Mar;42(3):749-758. PMID: 27896386.

**Boos J, Fang J, Snell A, Hallett D, Siewert B, Eisenberg RL, Brook OR**. Electronic Kiosks for Patient Satisfaction Survey in Radiology. *AJR Am J Roentgenol*. 2017 Mar;208(3):577-584. PMID: 28004975.

Bui AH, Roujol S, Foppa M, Kissinger KV, Goddu B, Hauser TH, Zimetbaum PJ, Ngo LH, **Manning WJ**, Nezaft R, Delling FN. Diffuse myocardial fibrosis in patients with mitral valve prolapse and ventricular arrhythmia. *Heart*. 2017 Feb;103(3):204-209. PMID: 27515954; PMCID: PMC5237392.

**Chang CD, Wei J, Goldsmith JD, Gebhardt MC, Wu JS**. MRI guided needle localization in a patient with recurrence pleomorphic sarcoma and post-operative scarring. *Skeletal Radiol*. 2017 Mar 9. doi: 10.1007/s00256-017-2614-9. PMID: 28280850.

**Chang CD, Wu JS**. MR Imaging Findings in Heel Pain. *Magn Reson Imaging Clin N Am*. 2017 Feb;25(1):79-93. Review. PMID: 27888853.

**Chen CK, Boos J, Sarwar A, O'Bryan-Alberts B, Ahmed M, Brook OR**. Observation time after outpatient non-arterial interventional procedures: standards, safety, and outcomes. *Abdom Radiol (NY)*. 2017 Jan 17. doi: 10.1007/s00261-017-1046-2. PMID: 28097389.

**Eisenberg RL, Heidinger BH**. Low Yield of Chest Radiography in General Inpatients and Outpatients with "Positive PPD" Results in a Country with Low Prevalence of TB. *Acad Radiol*. 2017 Jan 30. pii: S1076-6332(17)30014-4. doi: 10.1016/j.acra.2016.12.012. PMID: 28153574.

**Esparaz AM, Ahmed M**. Resolution of Metallic Biliary Stent Allergic Reaction After Partial Stent Removal in a Patient with Nickel Sensitivity. *Cardiovasc Intervent Radiol*. 2017 Feb 7. doi: 10.1007/s00270-017-1596-2. PMID: 28175974.

**Fang J, Zhang D, Wilcox C, Heidinger B, Raptopoulos V, Brook A, Brook OR**. Metal implants on CT: comparison of iterative reconstruction algorithms for reduction of metal artifacts with single energy and spectral CT scanning in a phantom model. *Abdom Radiol (NY)*. 2017 Jan 2. doi: 10.1007/s00261-016-1023-1. [Epub ahead of print] PMID: 28044188.

Gao Y, **Dialani V**, DeBenedictis C, Johnson N, Brachtel E, **Slanetz P**. Apocrine Metaplasia Found at MR Biopsy: Is There Something to be Learned? *Breast J*. 2017 Jan 12. doi: 10.1111/tbj.12755. PMID: 28079289.

**Glanc P, Benacerraf B, Bourne T, Brown D, Coleman BG, Crum C, Dodge J, Levine D, Pavlik E, Timmerman D, Ueland FR, Wolfman W, Goldstein SR**. First International Consensus Report on Adnexal Masses: Management Recommendations. *J Ultrasound Med*. 2017 Mar 7. doi: 10.1002/jum.14197. PMID: 28266033.

**Hall FM**. Epinephrine-Enhanced Knee Arthrography Revisited. *AJR Am J Roentgenol*. 2017 Mar;208(3):W131. doi: 10.2214/AJR.16.17268. PMID: 28004968.

Heffernan EJ, Moran DE, Gerstenmaier JF, McCarthy CJ, Hegarty C, **McMahon CJ**. Accuracy of 64-section MDCT in the diagnosis of cruciate ligament tears. *Clin Radiol*. 2017 Feb 15. pii: S0009-9260(17)30034-X. doi: 10.1016/j.crad.2017.01.006. PMID: 28214478.

**Heidinger BH, Anderson KR, Moriarty EM, Costa DB, Gangadharan SP, VanderLaan PA, Bankier AA**. Size Measurement and T-staging of Lung Adenocarcinomas Manifesting as Solid Nodules  $\leq 30$  mm on CT: Radiology-Pathology Correlation. *Acad Radiol*. 2017 Feb 27. pii: S1076-6332(17)30059-4. doi: 10.1016/j.acra.2017.01.009. PMID: 28256438.

**Hochman MG**. Preface. MR Imaging of the Foot and Ankle [Special Issue] *Magn Reson Imaging Clin N Am*. 2017 Feb;25(1):xvii-xviii. doi: 10.1016/j.mric.2016.09.004. PMID: 27888856. [Editorial]

**Hochman MG, Wu JS**. MR Imaging of Common Soft Tissue Masses in the Foot and Ankle. *Magn Reson Imaging Clin N Am*. 2017 Feb;25(1):159-181. Review. PMID: 27888846.

Hsuan HF, Lin YC, Chiu CH, **Ni Mhuircheartaigh J**, Juan YH, Chan YS, **Wu JS**. Posterior cruciate ligament tears in Taiwan: an analysis of 140 surgically treated cases. *Clin Imaging*. 2016 Sep-Oct;40(5):856-60. PMID: 27179152.

Hughes AJ, DeBuitelir C, Soden P, O'Donnchadha B, Tansey A, Abdulkarim A, **McMahon C**, Hurson CJ. 3D Printing Aids Acetabular Reconstruction in Complex Revision Hip Arthroplasty. *Adv Orthop*. 2017;2017:8925050. doi: 10.1155/2017/8925050. PMID: 28168060; PMCID: PMC5259605.

Itri JN, Bakow E, Probyn L, Kadom N, Duong PT, Gettle LM, Mendiratta-Lala M, Scali EP, Winokur RS, Zygmunt ME, **Kung JW**, Rosenkrantz AB. The Science of Quality Improvement. *Acad Radiol*. 2017 Mar;24(3):253-262. Review. PMID: 28193375.



Ivanovic AM, Alessandrino F, Maksimovic R, Micev M, Ostojic S, Gore RM, **Mortele KJ**. Pathologic Subtypes of Ampullary Adenocarcinoma: Value of Ampullary MDCT for Noninvasive Preoperative Differentiation. *AJR Am J Roentgenol*. 2017 Jan 17;W1-W8. doi: 10.2214/AJR.16.16723. PMID: 28095024.

Jeganathan J, Baribeau Y, Bortman J, Mahmood F, Shnider M, **Ahmed M**, Mashari A, Amir R, Amador Y, Matyal R. Use of 3-Dimensional Printing to Create Patient-Specific Thoracic Spine Models as Task Trainers. *Reg Anesth Pain Med*. 2017 Mar 3. doi: 10.1097/AAP.0000000000000580. PMID: 28263243.

Kilcoyne A, **Shenoy-Bhangle AS**, Roberts DJ, Sisodia RC, Gervais DA, Lee SI. MRI of Placenta Accreta, Placenta Increta, and Placenta Percreta: Pearls and Pitfalls. *AJR Am J Roentgenol*. 2017 Jan;208(1):214-221. PMID: 27762597.

**Kressel HY**. Editor's Recognition Awards. *Radiology*. 2017 Jan;282(1):1. PMID: 28005513.

**Kressel HY**. Radiology Editorial Board 2017. *Radiology*. 2017 Jan;282(1):1. PMID: 28005509.

**Kressel HY**. Setting Sail: 2017. *Radiology*. 2017 Jan;282(1):4-6. PMID: 28005504.

**Kressel HY**. Management Matters. *Radiology*. 2017 Feb;282(2):310. PMID: 28099110.

Kumar G, **Goldberg SN**, Wang Y, Velez E, Gourevitch S, Galun E, **Ahmed M**. Hepatic radiofrequency ablation: markedly reduced systemic effects by modulating periablational inflammation via cyclooxygenase-2 inhibition. *Eur Radiol*. 2017 Mar;27(3):1238-1247. PMID: 27287478.

Luk L, **Shenoy-Bhangle AS**, Jimenez G, Ahmed FS, Prince MR, Samstein B, Hecht EM. Additive value of non-contrast MRA in the preoperative evaluation of potential liver donors. *Clin Imaging*. 2017 Jan - Feb;41:132-136. PMID: 27840265.

MacMahon H, Naidich DP, Goo JM, Lee KS, Leung AN, Mayo JR, Mehta AC, Ohno Y, Powell CA, Prokop M, Rubin GD, Schaefer-Prokop CM, Travis WD, Van Schil PE, **Bankier AA**. Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. *Radiology*. 2017 Feb 23;161659. doi: 10.1148/radiol.2017161659. PMID: 28240562.

**McMahon CJ**, Ramappa A, Lee K. The Extensor Mechanism: Imaging and Intervention. *Semin Musculoskelet Radiol*. 2017 Apr;21(2):89-101. PMID: 28355673.

McGillen KL, Boos J, Nathavitharana R, **Brook A**, **Sun MR**, **Siewert B**, **Raptopoulos V**, **Kane R**, **Sheiman R**, **Brook OR**. Diagnostic yield and clinical impact of microbiologic diagnosis from CT-guided drainage in patients previously treated with empiric antibiotics. *Abdom Radiol (NY)*. 2017 Jan;42(1):298-305. PMID: 27654990.

Murphey MD, Roberts CC, Bencardino JT, Appel M, Arnold E, Chang EY, Dempsey ME, Fox MG, Fries IB, Greenspan BS, **Hochman MG**, Jacobson JA, Mintz DN, Newman JS, Rosenberg ZS, Rubin DA, Small KM, Weissman BN. ACR Appropriateness Criteria Osteonecrosis of the Hip. *J Am Coll Radiol*. 2016 Feb;13(2):147-55. PMID: 26846390.

Murphy IG, NiMhurchu E, Gibney RG, **McMahon CJ**. MRI-directed cognitive fusion-guided biopsy of the anterior prostate tumors. *Diagn Interv Radiol*. 2017 Jan 11. doi: 10.5152/dir.2016.15445. PMID: 28074780.

Nakamori S, Alakbarli J, Bellm S, Motiwala SR, Addae G, **Manning WJ**, Nezafat R. Native T(1) value in the remote myocardium is independently associated with left ventricular dysfunction in patients with prior myocardial infarction. *J Magn Reson Imaging*. 2017 Feb 2. doi: 10.1002/jmri.25652. PMID: 28152237.

**Ni Mhuirheartaigh JM**, **Lee KS**, Curry MP, Pedrosa I, **Mortele KJ**. Early Peribiliary Hyperenhancement on MRI in Patients with Primary Sclerosing Cholangitis: Significance and Association with the Mayo Risk Score. *Abdom Radiol (NY)*. 2017 Jan;42(1):152-158. PMID: 27472938.

O'Brien JJ, **Stormann J**, **Roche K**, **Cabral-Goncalves I**, **Monks A**, **Hallett D**, **Mortele KJ**. Optimizing MRI Logistics: Focused Process Improvements Can Increase Throughput in an Academic Radiology Department. *AJR Am J Roentgenol*. 2017 Feb;208(2):W38-W44. doi: 10.2214/AJR.16.16680. PMID: 27929667.

Occipinti M, Heidinger BH, Pfannenberger C, Munden RF, **Eisenberg RL**, **Bankier AA**. Managing Incidental Lung Nodules in Patients With a History of Oncologic Disease: A Survey of Thoracic Radiologists. *J Thorac Imaging*. 2017 Mar;32(2):115-120. MID: 27643445.

Phillips CT, **Manning WJ**. Advantages and pitfalls of pocket ultrasound vs daily chest radiography in the coronary care unit: A single-user experience. *Echocardiography*. 2017 Mar 14. doi: 10.1111/echo.13509. PMID: 28295525.

**Phillips J**, Miller MM, **Mehta TS**, **Fein-Zachary V**, Nathanson A, Hori W, Monahan-Earley R, **Slanetz PJ**. Contrast-enhanced spectral mammography (CESM) versus MRI in the high-risk screening setting: patient preferences and attitudes. *Clin Imaging*. 2016 Dec 28;42:193-197. PMID: 28107737. **[Not Found in PubMed until 2017]**

Roe AJ, Zhang S, **Bhadelia RA**, Johnson EJ, Lichtenstein AH, Rogers GT, Rosenberg IH, Smith CE, Zeisel SH, Scott TM. Choline and its metabolites are differently associated with cardiometabolic risk factors, history of cardiovascular disease, and MRI-documented cerebrovascular disease in older adults. *Am J Clin Nutr*. 2017 Mar 29. pii: ajcn137158. doi: 10.3945/ajcn.116.137158. PMID: 28356272.

Rubin GD, McNeil BJ, Palkó A, Thrall JH, Krestin GP, Muellner A, **Kressel HY**. External Factors That Influence the Practice of Radiology: Proceedings of the International Society for Strategic Studies in Radiology Meeting. *Radiology*. 2017 Feb 4:162187. doi: 10.1148/radiol.2017162187. PMID: 28157409.

Rutkove SB, Kapur K, Zaidman C, **Wu JS**, Pasternak A, Madabusi L, Yim S, Pacheck A, Szlag H, Harrington T, Darras BT. Electrical impedance myography for assessment of Duchenne muscular dystrophy. *Ann Neurol*. 2017 Jan 11. doi: 10.1002/ana.24874. PMID: 28076894.

**Sacks BA**, Sacks AC, **Faintuch S**. Radiofrequency ablation treatment for aldosterone-producing adenomas. *Curr Opin Endocrinol Diabetes Obes*. 2017 Feb 28. doi: 10.1097/MED.0000000000000329. PMID: 28248752.

**Sarwar A**, Esparaz AM, Tapper EB, **Brook OR**, Grunwald D, Malik R, **Ahmed M**. Comparison of Vascular Plugs and Pushable Coils for Vertebral Embolization After TIPS. *AJR Am J Roentgenol*. 2017 Mar;208(3):650-655. PMID: 27959638.

**Sarwar A**, Zhou L, Chakrala N, **Brook OR**, **Weinstein JL**, Rosen MP, **Ahmed M**. The Relevance of Readmissions after Common IR Procedures: Readmission Rates and Association with Early Mortality. *J Vasc Interv Radiol*. 2017 Mar 10. pii: S1051-0443(17)30104-5. doi: 10.1016/j.jvir.2017.01.008. PMID: 28291716.

Shahzeb Khan M, Fatima K, Bin Riaz I, Butler J, **Manning WJ**, Khosa F. The 20 most-cited articles in echocardiography literature. *Eur Heart J*. 2017 Jan 7;38(2):74-78. PMID: 28158413.

Taylor TD, Kicska GA, Jacobs JE, Pampaloni MH, **Litmanovich DE**, Reddy GP. Imaging of Heart Disease in Women. *Radiology*. 2017 Jan;282(1):34-53. PMID: 28005501.



Waltzman D, **Soman S**, Hantke NC, Fairchild JK, Kinoshita LM, Wintermark M, Ashford JW, Yesavage J, Williams L, Adamson MM, Furst AJ. Altered Microstructural Caudate Integrity in Posttraumatic Stress Disorder but Not Traumatic Brain Injury. *PLoS One*. 2017 Jan 23;12(1):e0170564. doi: 10.1371/journal.pone.0170564. PMID: 28114393.

Weissler-Snir A, Hindieh W, Gruner C, Fourey D, Appelbaum E, Rowin E, Care M, Lesser JR, Haas TS, Udelson JE, **Manning WJ**, Olivotto I, Tomberli B, Maron BJ, Maron MS, Crean AM, Rakowski H, Chan RH. Lack of Phenotypic Differences by Cardiovascular Magnetic Resonance Imaging in MYH7 ( $\beta$ -Myosin Heavy Chain)- Versus MYBPC3 (Myosin-Binding Protein C)-Related Hypertrophic Cardiomyopathy. *Circ Cardiovasc Imaging*. 2017 Feb;10(2). pii: e005311. doi: 10.1161/CIRCIMAGING.116.005311. PMID: 28193612.

**Wu JS, McMahon CJ**, Lozano-Calderon S, **Kung JW**. JOURNAL CLUB: Utility of Repeat Core Needle Biopsy of Musculoskeletal Lesions With Initially Nondiagnostic Findings. *AJR Am J Roentgenol*. 2017 Mar;208(3):609-616. PMID: 27959586.

Zaidman CM, **Wu JS**, Kapur K, Pasternak A, Madabusi L, Yim S, Pacheck A, Szelag H, Harrington T, Darras BT, Rutkove SB. Quantitative muscle ultrasound detects disease progression in Duchenne muscular dystrophy. *Ann Neurol*. 2017 Feb 27. doi: 10.1002/ana.24904. PMID: 28241384.

Zhao L, Dai W, **Soman S**, **Hackney DB**, Wong ET, Robson PM, **Alsop DC**. Using Anatomic Magnetic Resonance Image Information to Enhance Visualization and Interpretation of Functional Images: A Comparison of Methods Applied to Clinical Arterial Spin Labeling Images. *IEEE Trans Med Imaging*. 2017 Feb;36(2):487-496. PMID: 27723582.

Zygmunt ME, Itri JN, Rosenkrantz AB, Duong PT, Mankowski Gettle L, Mendiratta-Lala M, Scali EP, Winokur RS, Probyn L, **Kung JW**, Bakow E, Kadom N. Radiology Research in Quality and Safety: Current Trends and Future Needs. *Acad Radiol*. 2017 Mar;24(3):263-272. Review. PMID: 28193376.

## PubMed Tip for automatic formatting:

Did you know that PubMed can automatically convert publication citations into the format we use?

For each citation you have checked, instead of retyping,

**1)** click on **“Display Settings”** to view a drop down menu and click on **2) Summary (text)** and the reformatted text will appear. **3)** Copy and paste into MS Word using the **Paste Special** function in the Edit drop down menu in Word and click on **“Unformatted Text”**. When you press **“OK”**, the citations will paste into Word with the correct line spacing and in your default font (Times/Times New Roman)!

The screenshot shows a PubMed search for 'Kruskal JB'. A 'Format' dropdown menu is open, with 'Summary (text)' selected and circled in red. A red arrow points to this option. Below the menu, a list of search results is visible. The first result is highlighted in blue, indicating it is a new citation: Larson DB, Kruskal JB, Krecke KN, Donnelly LF. Key Concepts of Patient Safety in Radiology. *Radiographics*. 2015 Oct;35(6):1677-93. doi: 10.1148/rz.2015140277. Epub 2015 Sep 4. PubMed PMID: 26334571.

### \*New citations in blue...

Thanks to technology, PubMed is able to immediately list citations as they are published online (*Epub Ahead of Print*). These are listed in our bibliography in blue type denoting “new” publications; however, please note that when the print version comes out, the citation does not appear in blue as a new item, it is merely updated. So when updating your CVs from this bibliography, please keep checking for final citations which include print data. For example:

Larson DB, **Kruskal JB**, Krecke KN, Donnelly LF. Key Concepts of Patient Safety in Radiology. *Radiographics*. 2015 Sep 4:140277. [Epub ahead of print] PMID: 26334571.

Larson DB, **Kruskal JB**, Krecke KN, Donnelly LF. Key Concepts of Patient Safety in Radiology. *Radiographics*. 2015 Oct;35(6):1677-93. PMID: 26334571.

Radical Views is published monthly (except for a hiatus in August). To submit corrections, news, comments, and publications, please email Donna Wolfe, Editor at: [dwolfe@bidmc.harvard.edu](mailto:dwolfe@bidmc.harvard.edu) or call 617-754-2515