

Radical Views...

from the Department of Radiology

September 2011

Mon	Tues	Wed	Thurs	Fri
3:00-4:00 ED section meeting (monthly) [ED annex, WCC] call Sheila Blalock 4-2506	1:00-2:00 MRI meeting (Weekly) [TCC-484]	Weekly Wed Section Meetings: 11:00-12:00 MSK clinical conference 12:00-1:00 Thoracic Imaging, GI Oncology/GU Oncology 3:00-4:00 Mammo [TCC-484]	1 Weekly Thurs Section Meetings: 12:00 - 1:30 Abd [WCC-354] 12:00-1:00 MSK 7:30 - 8:15 NRC Regulations (Dr. Cabral) 8:15 - 9:00 X-ray production (Dr. Palmer)	2 7:30 - 9:00 Professionalism (Dr. Slanetz)
5 Labor Day	6 7:30 - 9:00 Radiology of the Aorta (Dr. Litmanovich)	7 7:30 - 8:15 U/S Guided Biopsies (Dr. McArdle) 8:15-9:00 Information & Decision Theory (Dr. Parker)	8 7:30 - 9:00 ACR Inservice Review 2:00-3:00 West Med-Rads	9 8:00-9:00 Chiefs' Rounds
12 7:30 - 8:15 Orthopaedic Hardware (Dr. Yablon) 8:15 - 9:00 Doppler US: What it Can and Cannot Do (Dr. Chris Merritt)	13 7:30 - 9:00 Metabolic Bone Diseases (Dr. Hochman) 10:30-11:30 Nuc Med meeting (GZ-103)	14 7:30 - 8:15 Pelvis and Hip (Dr. Kung) 8:15 - 9:00 MSK Cases (Dr. Didolkar) 7:15 - 8:00 US meeting (WCC-304A Gallery)	15 7:30 - 8:15 SHG & HSG (Dr. Mehta) 8:15 - 9:00 Projection X-Ray Imaging (Dr. Palmer)	16 8:00-9:00 No Grand Rounds Event: NERRS
19 7:30 - 8:15 Cross-sectional Interventions (Dr. Ahmed) 8:15 - 9:00 Bleeding (Dr. Ahmed)	20 7:30 - 8:15 Women's Health IR (Dr. Faintuch) 8:15 - 9:00 IR in Hemodialysis (Dr. Faintuch) 8:00 - 9:00 IR meeting [West Recovery Rm] 2:00-3:00 West Med-Rads	21 7:30 - 8:15 TIPS Ultrasound (Dr. Sheiman) 8:15 - 9:00 Carotid Ultrasound (Dr. Sheiman)	22 7:30 - 8:15 Biliary Interventions (Dr. Perry) 8:15 - 9:00 Nephrostomy (Dr. Perry)	23 8:00-9:00 Grand Rounds: S.E.R.V.I.C.E. (Q/A Robin Brown, Principal, Spot-On Ventures)
26 7:30 - 9:00 GI & GU	27 7:30 - 9:00 GI & GU 10:30-11:30 Nuc Med meeting (GZ-103)	28 7:30 - 9:00 GI & GU	29 7:30 - 9:00 Professionalism (Dr. Slanetz)	30 8:00-9:00 Grand Rounds: Use of 3D Ultrasound in Gynecology- Beginning of a New Era (Beryl Benacerraf, MD)

SEPTEMBER GRAND ROUNDS: Visiting Professors

Robin A. Brown – S.E.R.V.I.C.E.

Friday, September 23rd
8:00-9:00 am Sherman Auditorium

This year, as a component of our continuous improvement program, we are focusing on customer service and I am very pleased to have Mr. Robin A. Brown of Spot-On Ventures share with us his 35 years of experience in what he aptly calls S.E.R.V.I.C.E. Also, please see our Quality Update by Aideen Snell on page 8.



A graduate of The Hotel School at Southfields College in the United Kingdom, Mr. Brown will present a QA talk entitled *S.E.R.V.I.C.E.* which draws from his more than 35 years experience in luxury hotels including being responsible for overall project development, i.e., concept, design, construction, and community relations for the Mandarin Oriental project. Currently, Mr. Brown is Principal of *Spot-On Ventures*, a mixed-use real estate development firm in Boston. In addition, he serves as a member of the Board of Directors of *BiddingForGood.com*, a national technology/marketing based company which provides online auctions for non profit organizations.

Mr. Brown’s reputation as an outstanding hotelier is matched by his personal commitment to the Boston community. He served as Vice Chairman of the Wang Center for the Performing Arts for over 10 years, and is a Trustee for the Beth Israel/Deaconess Hospital. Mr. Brown is also Director of the Boston Library Foundation, and serves as Vice Chairman of the Back Bay Association of Boston. He recently launched a foundation dedicated to the support of Alzheimer’s research in memory of his father, Jim Brown. Due to the guidance of Mr. Brown’s fundraising and event planning, the foundation has been able to fund multiple research and care projects at Boston-area facilities as well as underwrite a film and book which are distributed to new Alzheimer patients across the country.

Mr. Brown has served as an Overseer to the Boston Symphony Orchestra for over 10 years and is now currently involved in multiple aspects in fundraising, historical renovation, community outreach and community care for Park Street Church in Boston. We welcome his insight into improving quality in healthcare.

SEPTEMBER GRAND ROUNDS: Visiting Professors

Beryl Benacerraf, MD – Use of 3D Ultrasound in Gynecology - Beginning of a New Era!

Friday, September 30th
8:00-9:00 am Sherman Auditorium

Dr. Benacerraf, Professor of Radiology and OB GYN, Harvard Medical School, and Medical Director/ President of Diagnostic Ultrasound Associates, will speak at Grand Rounds and will also give a noon lecture to residents. Dr. Benacerraf is a graduate of Harvard Medical School and completed a surgical internship at the Peter Bent Brigham Hospital in Boston (now Brigham and Women's Hospital), a radiology residency at Massachusetts General Hospital (MGH) and a fellowship in CT at Brigham and Women's Hospital (BWH). In 2005, she completed the Program in Negotiation for Senior Executives at Harvard Law School. Currently, she is a consultant in obstetrical ultrasound at BWH, consultant on the OB/GYN service and also serves as staff radiologist at MGH. She maintains numerous leadership positions in professional societies, most notably in the American Institute of Ultrasound in Medicine and most recently serves as Editor-in-chief of the society's *Journal of Ultrasound in Medicine*. A much sought after speaker, she has presented nationally and internationally and has also served as course director and organizer for ultrasound programs worldwide. To date, she has published 257 articles in peer-reviewed journals. In 2008, she received the Marie Curie Award of the American Association of Women Radiologists for outstanding contributions to the field of radiology.



DEPARTMENTAL NEWS, AWARDS & HONORS



FROM THE CHIEF
Jonathan B. Kruskal, MD PhD

Welcome to Radiology! Back from our summer hiatus, this month's Radical Views is full of welcome news.

• Koenraad Morteale, MD - Chief of MRI

I am delighted to announce that **Dr. Koenraad Morteale, MD**, Associate Professor of Radiology at Harvard Medical School, has been appointed as Director of Clinical MRI in our Department. Dr. Morteale received his MD from Ghent University in Belgium. In 1998, he completed his radiology residency at the University Hospital in Ghent and then joined the faculty there as an Assistant Professor of Radiology. In 2000, he came to Brigham and Women's



Hospital, Boston for fellowship training in radiology management after which he stayed on as a member of the Division of Abdominal Imaging and Intervention. Since then, Dr. Morteale has served as Associate Director of the Division of Abdominal Imaging and Intervention, Director of Abdominal and Pelvic MRI, Director of Continuing Medical Education, Director of the BWH Contrast Agent Safety Committee, and Assistant Fellowship Director of the Division of Abdominal Imaging and Intervention at the Department of Radiology (BWH). In 2005, he was promoted to Associate Professor of Radiology at Harvard Medical School.

A prolific lecturer and author of over 150 scientific manuscripts, Dr. Morteale has a particular interest in imaging of the pancreas, the hepatobiliary system and the GI tract. Skilled in all aspects of abdominal diagnosis and intervention, Dr Morteale brings his international reputation for pancreatic imaging and his abundant energy and enthusiasm to further strengthen our renowned abdominal division.

Dr. Morteale has received numerous awards, including the Society of Gastrointestinal Radiology Visiting Professorship Award in 2009 and 2 BWH Radiology George Marina Teaching Awards. He has edited a textbook on CT and MRI of the Abdomen and Pelvis, authored 15 book chapters, and is frequently invited to lecture and present workshops nationally and internationally. He has also provided leadership in teaching as program director for HMS CME courses in practical applications of new imaging techniques held in Brugge, Belgium and Paris, France. In 2011, he became course director for the annual refresher course in Body MRI for the New England Roentgen Ray Society.

I am very confident that his management skills and clinical expertise in MRI will ensure that our MRI Division maintains its international reputation for innovation, education and clinical excellence.

• Please welcome AnnaMarie Monks

Please extend a very warm welcome to Annamarie Monks who has joined the Department of Radiology as our Chief Administrative Officer on an interim basis. Unlike other clinical departments at BIDMC, Radiology has traditionally separated the professional practice and hospital operations and businesses. As our Department transforms and responds to the many changes being brought about by healthcare reform, Annamarie will be helping me to align, optimise and further enhance our many services and business operations.



Annamarie started her career as an Administrative Resident within the BIDMC family and has over 25 years experience in healthcare administration and in academic medical centers, as well as expertise in physician group practice management, contract negotiations, and business plan development and implementation.

Annamarie's office is located in the Radiology Administrative Suite, West Campus CC 307 and she can be contacted at (617) 754-2507.

Please join me in welcoming AnnaMarie and Koenraad to our faculty.

– Jonny

DEPARTMENTAL NEWS, AWARDS & HONORS

• **Congratulations Karen Lee and Aaron Grant**

Announcing the deserved academic promotion of two brightly shining stars in our department! **Drs. Aaron Grant PhD** and **Karen Lee MD** have both been promoted to Assistant Professor of Radiology at Harvard Medical School.



Aaron Grant may not be familiar to many of you outside of MRI but Aaron is a leading researcher in the field of hyperpolarized MR imaging. With this technology, Aaron has extended the capabilities of MR beyond pure anatomical and macroscopic functional imaging and has developed methodologies for the imaging of metabolic function in live animals. This is particularly relevant to tumor characterization. He is at the forefront of translating fundamental chemical principles into imaging techniques and we look forward to his continued advances in this exciting field.

Many of you know Karen as our former Chief Resident, fellow, teacher of the year and friend, and I am thrilled that Karen has received this most deserved recognition. Apart from being a brilliant teacher and clinician, Karen has merged her passions for MRI and emergency medicine to translate MR techniques into practical diagnostic tools in the ED. We are extremely fortunate to have scholars and clinicians such as Karen on our faculty.

Please join me in congratulating Aaron and Karen on their most deserved promotions.

• **Congratulations 3rd yr resident Mai-Lan Ho, MD**

I am thrilled to announce that Mai-Lan Ho is the recipient of the 2011 American Association of Women Radiologists *Lucy Frank Squire Distinguished Resident Award in Diagnostic Radiology*. This award is given in recognition of Mai-Lan's outstanding contribution to diagnostic radiology at this stage of her career. The AAWR is proud to acknowledge that trainees such as Mai-Lan can make a difference not only in their specialty but also to the future of women radiologists. The award will be presented at the AAWR Annual Meeting during the RSNA meeting later this year.



• **Congratulations Debbie Levine, Vice Chair for Academic Affairs and now...**

As of September Dr. Levine will be Chair of the HMS Longer Service Sub-Committee of the Promotions & Reappointments Committee. The LS subcommittee is a separate standing committee of Professors at HMS/HSDM which reviews and makes recommendations to the Dean regarding appointments to the rank of Assistant Professor for eligible faculty who have dedicated at least 10 years of continuous service as clinicians and teachers at HMS/HSDM. The committee meets six times per year. Dr. Levine takes over the reins from Beverly Biller, MD.



Ultrasound Thanks Debbie Levine, Maeva Stockbridge & Ellen Howe

"The Ultrasound students were treated to a wonderful guest lecturer during the summer weeks. Their program coordinator Cory Finn was out on a leave of absence and **Dr. Debbie Levine** graciously volunteered to help out. Dr. Levine delivered two excellent lectures to the students who were delighted with her presentations. A huge thank you to Dr. Levine for her assistance.

We also wish to thank **Maeva Stockbridge** and **Ellen Howe** for their extra efforts during this time. They were both very supportive to the students and assisted during this time covering the student interesting case conferences and keeping them on schedule. Thank you Maeva and Ellen."

– Bernie Kennedy, Mgr., Ultrasound

• **Congratulations² Alex Bankier, MD PhD**

I am pleased to announce that Dr. Alexander A. Bankier obtained his PhD in *Medical Sciences, Transplantation Medicine* after the final (public) examination at the Faculty of Medicine of the University of Brussels on June 20th 2011. The title of his PhD thesis was *Computed Tomography of the Thorax in Lung Transplant Recipients: Clinical Impact and Technical Challenges*. This work was essentially based on a scientific collaboration between Dr. Bankier's working group and the radiology and transplantation unit at the University of Brussels and spanned more than a decade.



Dr. Bankier together with the Dean and members of his thesis jury.



... and then, at this year's annual meeting of the Fleischner Society in Speyer, Germany, Dr. Bankier delivered the *Felix Fleischner Lecture*. This lecture is given upon invitation by the President of the Fleischner Society and is considered one of the most prestigious lecture opportunities worldwide in the field of thoracic imaging. Dr. Bankier's lecture, entitled "*New clothes for an old disease – the changing perception of COPD and its implications for imaging*" gave an overview of the contributions of imaging to the understanding of chronic obstructive pulmonary disease and presented an analytical approach to current and potential future research in COPD imaging.

Previous Fleischner lecturers have included Ewald R. Weibel (1979), Reginald Greene (1992), James

C. Hogg (1994), Richard W. Webb (2004). The printed version of the "Felix Fleischner Lecture" will be published in a renowned radiological journal.

DEPARTMENTAL NEWS, AWARDS & HONORS

• **Congratulations Radiology Members of the BIDMC Academy of Medical Educators**

On August 2nd, the Academy of Medical Educators at BIDMC confirmed the membership of 48 faculty, fellows and senior residents based on teaching experiences and letters of recommendation and we are proud to see our department so well represented:

<u>Associate Academy Members</u>	<u>Senior Academy Member</u>
Catherine Dewhurst	Priscilla Slanetz
Yiming Gao	
Jean-Marc Gauget	<u>Academy Member</u>
James Knutson	Corrie Yablon
Mai-Lan Ho	

The mission of the BIDMC Academy is to enhance and foster the development of physicians and scientists as educators throughout the Beth Israel Deaconess Medical Center community. . . .visit their website at <http://www.bidmc.org/MedicalEducation/ProfessionalDevelopmentinMedicalEducation/Academy>

• **Congratulations Monica Agarwal**

2nd yr resident **Monica Agarwal** has been selected to participate in the Introduction to Academic Radiology Program sponsored by the RSNA/AUR/ARRS. She will be attending the Radiological Society of North America (RSNA) program beginning on Sunday, November 27, 2011, in Chicago. This is a great opportunity!

• **Wine & Cheese, anyone?**

In July, we held our first wine and cheese social event of the year in the Clouse conference room on the west campus. Originally held at the end of each clinical rotation, the wine and cheese party was a great opportunity for the staff, residents and fellows to get to know each other better, to network and to learn about wine! Special thanks to **Richard Jennette** and **Laura Major** for creating a memorable event. We look forward to more of them!



The Gallery Now showing: sculptures by Tim Parritt. Check it out at WCC-304A!



Tim Parritt,

Artist & CT Manager

It has been said that many people will have had multiple careers in their lifetime. For me . . . people know me for my career in Healthcare; and, tomorrow others will get to know me as an *Artist*. . . I've been particularly drawn toward 3D sculpture, what with all the foundries, furnaces and flame throwing tools . . . it's fascinating, somewhat like being a little kid again, yet no one is telling me not to touch! So instead of mud pies, mountains of Legos and just plain things of mystery, I'm off again creating, making use of these new toys that I'm allowed to touch and inspiration from my youth's mind. . . come in and see what I've created today.

- Tim

DEPARTMENTAL NEWS, AWARDS & HONORS

• **Congratulations Marc and Anita Camacho**



Alas for Radiology, long distance relationships can only last so long and Dr. Camacho will be relocating permanently to Tampa in the near future. We wish him the best!

In July, Dr. Marc Camacho tied the knot with Anita Hohenthanner surrounded by their children Sophia, Alexa, Derrick and Zachary. Max Rosen kindly represented the department at this joyful event and Dr. Camacho's in-laws produced a video available at <http://vimeo.com/25260551>:

Really Going the Distance (July 3, 2011 by tbapvavideo)

“Our latest Save-the-Date Concept Movie Trailer – A romantic comedy centered on a guy and a gal who try to keep their love alive as they shuttle back and forth between Tampa and Boston to see one another. When the couple described their relationship as thier favorite movie, *Going the Distance*, it was a no brainer the Save-the-Date had to be a spin off of the original trailer.”



• **Meanwhile the department celebrated the Dog Days of Summer**

... with a fun lottery sponsored by BIDMC Radiology and the HMFP Radiology Practice. At the drawing on August 29th, the following lucky winners were drawn:

Dunkin Donut gift cards : Cynthia Webster, Administration and Joanne Carmichael, General DX

Café card: Subhendra Sarkar, MRI

Movie tickets: Jeremy Storman, MRI, Ricardo Stewart, Gen DX, and Robert Croce, Gen Dx

Red Sox tickets: Connie Mulcahy, Breast Imaging

Thank you to all
– Donna Hallett



• **Congratulations Kevin Donohoe, MD -**

on the publication of the second edition of his book, *Case-Based Nuclear Medicine* (K. Donohoe and A. Van den Abeele, editors) published by Thieme. Both editions of this book have earned terrific reviews:

Praise for the first edition:

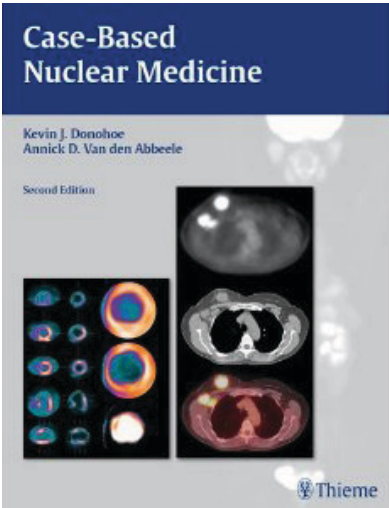
“Recommend[ed]...for novices and masters alike. It will improve the reader’s breadth of knowledge and ability to make sound clinical decisions.”—Clinical Nuclear Medicine

Ideal for self-assessment, *the second edition of Case-Based Nuclear Medicine* has been fully updated to reflect the latest nuclear imaging technology, including cutting-edge cardiac imaging systems and the latest on PET/CT. Each chapter is packed with high-quality images that demonstrate the full-range of commonly encountered disease manifestations as seen in the practice of nuclear medicine. The lavishly illustrated cases begin with the clinical presentation and a concise patient history followed by imaging findings, differential diagnoses, the definitive diagnosis and follow-up information, a brief discussion of the background for each diagnosis, and a list of pearls and pitfalls.

Features

- Comprehensive coverage of everything from single photon emission computed tomography to PET/CT imaging
- Cases presented as 'unknowns' enable readers to develop their own differential diagnoses -- just like on the exam
- Over 400 high-resolution images, including full-color PET/CT and cardiac scintigraphic images, document the cases
- Numerous tips, tricks, pearls, and pitfalls highlight key points at the end of each chapter
- A scratch-off code provides 12 months of access to RadCases, a searchable online database of 250 must-know nuclear medicine cases

This user-friendly atlas is an essential resource for all residents and fellows in radiology and nuclear medicine as they review for exams and prepare for rounds. Clinicians will find the succinct presentation of cases an invaluable quick reference in daily practice.
– Google



• Farewell Bob Lenkinski



Fellow scientist Dave Alsop presents Bob Lenkinski with a succession of Harvard mementos including a ball cap and golf balls!



UT Southwestern Medical Center, Dallas, otherwise known as BIDMC Radiology Southwest campus

On July 8th, we said good bye to Robert Lenkinski, Vice Chair for Research, who has followed Neil Rofsky and Ivan Pedrosa to UT Southwestern Medical Center in Dallas. Dr. Lenkinski has been appointed Director of Research and CPRIT Scholar in Cancer Research (Cancer Prevention and Research Institute of Texas). Well wishers included most of the hospital as well as faculty alumnus Joshua Hirsch!

Alumni News



Where in the world is....

Nahum Goldberg?
and how about Liat
Appelbaum and Jacob Sosna?

In 2008-2009, Dr. Goldberg undertook a sabbatical year as a Fulbright scholar at the Goldyne-Savard Gene Therapy Institute of the Hadassah Hebrew University Medical Center in Jerusalem, Israel. The goal of this study period was to work with Prof. Eithan Galun, director of the institute, to extend the paradigm of interventional therapies by developing new image-guided methods to improve gene and stem cell therapy. Early results increasing gene transfection and stem cell delivery by transcatheter and percutaneous ablation techniques, respectively, were sufficiently promising for Dr. Goldberg to transfer his permanent appointment to Hadassah where he continues to pioneer interventional oncology, gene and stem cell therapy as the Unit Chief of Image-guide therapies and interventional oncology and Director of the Applied Radiology Laboratory. Tight ongoing collaboration with the Minimally-invasive Tumor Therapies Laboratory in our department continues within the framework of an NCI center for nanotechnology excellence for which Dr. Goldberg is the clinical PI. These efforts are facilitated by Dr. Muneeb Ahmed who has risen through the ranks of BIDMC from NCI training fellow to resident to staff radiologist and now serves as Director of interventional oncology programs.

BIDMC “Middle East” Campus



L to R: Dr. Liat Appelbaum (wearing her BIDMC white coat), Unit Chief, Ultrasound; Professor Jacob Sosna, Radiologist in Chief, elect; Professor S. Nahum Goldberg, Unit Chief, Image guided Therapies and Interventional Oncology at Hadassah University. Both Drs. Appelbaum and Sosna served as abdominal imaging fellows at BIDMC in 2004-2005 and 2001-2003 respectively.

Speaking of trainees, please note that the **2011-2012 Residents and Fellows Roster** is out and available from Trish Gardner on the East Campus and Donna Wolfe on the West Campus; copies are also available in the Radiology Executive offices WCC-302. The faculty roster will be out soon!

2011 M+Vision Fellowship Program Begins in Madrid



On July 4, the 2011 M+Visión Fellows were welcomed to Madrid with a reception hosted by Turismo Madrid at its rooftop terrace (in Plaza de la Independencia), overlooking the Puerta de Alcalá. Along with spectacular views of the city, the Fellows received a cultural orientation to living and navigating the great world city that is to be one of their two homes in the coming year.



On July 4, the 2011 M+Vision Fellowship program began in Madrid. The Fellowship program is one of the central programs of the Madrid-MIT Consortium, a new venture dedicated to accelerating innovation in biomedical imaging. Faculty from the BIDMC Radiology Department have been active in the program in a number of ways: **Deb Burstein**, who is on the Management Committee, Chaired the Fellowship Selection Committee, and **Ivan Pedrosa** and **Priscilla Slanetz** were members of the Selection Committee. Ivan traveled to Madrid in March to participate in the Fellowship interviews, and Priscilla traveled to Madrid in July to teach a week of anatomy to the Fellows.

In addition to the anatomy mini-course, the Fellows were busy throughout July in Madrid with rotations through clinical departments in Hospital Fuenelabrada and workshops in the Business School. They also took minicourses in pathology and physiology, and on imaging technologies including optics, PET, MRI, and CT taught by an international faculty. July also saw the debut of the Horizon Lecture Series in Madrid. These lectures, open to the community and held in venues around Madrid, were given by an international faculty including several BIDMC Radiology alumni, including **Bob Edelman** and **Mark Griswold**.

After the busy schedule in July, August gave an opportunity for the group to work directly with each other and with faculty one-on-one to further develop their ideas for research projects. These ideas will continue development as the Fellows move to Boston for the fall. The Consortium will have its first official event in Boston with an Open House scheduled for Oct 12 and 13.

- *Deb Burstein, PhD,*
Director, Center for Basic MR Research & Functional Imaging of Cartilage Lab





Performance Excellence in Health Care

In order to compete in the Boston healthcare market, we have to be the best at what we do and deliver the highest quality of care possible. The Radiology Department at BIDMC is committed to making this happen! One of the ways to accomplish this is by reviewing the results of the Press Ganey Satisfaction Survey, which is sent to our MRI and Breast Imaging patients, and set goals to improve the patient experience. From the results of the survey, we have learned what is important to our patients through what is called The Priority Index, which then allows us to create very specific goals for our department. To date, all these goals focus around the need for superior customer service, or a patient-centered focus from the moment the patient arrives. Our goals for this year have been for staff to be sensitive to patient's needs and worries, to be responsive to concerns/complaints during the visit; for patients to have greater ease in finding their way around our numerous campuses, for reduced waiting time in registration; to increase both the patients' overall rating of care and the likelihood of the patient recommending BIDMC Radiology.

In addition to reviewing this data quarterly and working on ways to improve, we will be sharing the survey results via a scorecard with all radiology staff, technologists and radiologists in order to implement programs or changes that improve performance and our environment *with your help*. The goal is to provide the best experience for our patients, truly exemplify our reputation as a “center of excellence”. I know that together we can work as a team to make noticeable improvements to this scorecard and I encourage anyone who is interested in getting involved to contact me. This is an exciting opportunity for everyone to share their ideas! Although this information will be shared with the staff in MRI and Breast Imaging quarterly, these goals and the changes made in these areas should be utilized across the entire department. They are all geared towards creating a better experience for the patient and that is the ultimate goal for 2011-2012.

Some of the changes made as a result of the Press Ganey survey data has been the improvements to the Shapiro 4 Radiology Reception area regarding appearance and signage; and the implementation of the upcoming Radiology Customer Service Training. This new course has been developed for Radiology employees with patient contact with the support of the Simulation Skills Lab. The objectives of the course are:

- Understand a Customers' Basic Needs and better identify them
- Utilize thoughtful words and body language to communicate
- Utilize your skills to leave the patient with a positive memorable impression of BIDMC Radiology
- Have a better understanding of communication and create an Attitude of Excellence
- Provide empathy to patients and resolve conflict
- Be able to clearly define Good Customer Service and Quality Customer Care
- Demonstrate an “I’m happy to help you” attitude and exceed customer expectations
- Uncompromising service at every contact point

This course is expected to be rolled out this fall and I look forward to hearing from you!

– Aideen Snell, MSW
Recruitment & Retention Program Manager
Radiology Department BIDMC
x72570

This is a poster planned for the Breast Imaging and MRI waiting areas to encourage patients to complete the Press Ganey survey.

At Beth Israel Deaconess Medical Center, our goal is to provide patients the highest quality health care and service possible.



To accomplish this, we would like to hear from you about what we are doing right and what we need to improve...

We depend on patients and families to keep us informed and we value your opinions tremendously. The enclosed patient satisfaction survey asks about the care and service you recieved during your recent radiology visit.

May I ask you to kindly take a few minutes to complete this survey and then return it in the postage-paid envelope?

Thank you in advance for taking the time to help us. If you have any questions about this survey, please don't hesitate to call us at 617-632-0359.

Regards,

Laurie S. Pascal
Laurie Pascal
VP, Business Development and Planning



Thank you for filling out our survey!

Beth Israel Deaconess Medical Center

OUTPATIENT SERVICES SURVEY

We thank you in advance for completing this questionnaire. When you have finished, please mail it in the enclosed envelope.

Please rate the service you received on:

BACKGROUND QUESTIONS (write in answer or fill in circle (for example ●) as appropriate)

1. Date of visit: month day year

2. Patient's first visit to our Outpatient Center: ☐ Yes ☐ No

3. Patient's sex: ☐ Male ☐ Female

4. Patient's age: years

5. How many minutes did you wait after your scheduled appointment time before you were called to the test or treatment area? minutes

6. How many minutes did you wait in the test or treatment area before your test or treatment began? minutes

7. On what day was your most recent visit? ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

8. At what time of day was your most recent visit? ☐ 8:00 am - 8:00 am ☐ 8:01 am - 10:00 am ☐ 10:01 am - Noon ☐ 12:01 pm - 2:00 pm ☐ 2:01 pm - 4:00 pm ☐ 4:01 pm - 6:00 pm ☐ 6:01 pm - 8:00 pm ☐ 8:01 pm - 10:00 pm

INSTRUCTIONS: Please rate the outpatient service you received from our facility. Rate only the service listed above. Fill in the circle that best describes your experience. If a question does not apply to you, please skip to the next question. Space is provided for you to comment on good or bad things that may have happened to you.

A. REGISTRATION

1. Helpfulness of the person at the registration desk ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

2. Ease of the registration process ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

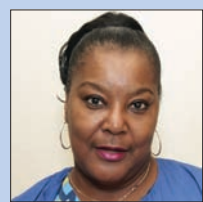
3. Waiting time in registration ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Comments (describe good or bad experience):

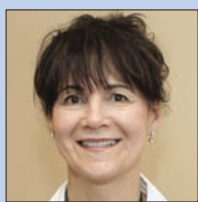
Tell us how we're doing

continued...

In light of the department's goal to improve the patient's experience in radiology, as detailed in Aideen Snell's Quality Update, we were pleased to receive the following letters.



Rose Stanley



Connie Mulcahy



Vandana Dialani

"To whom this may concern, This is a long overdue note to tell you that the women in your breast imaging dept and breast care center are the kindest most caring most professional group of people. I feel grateful to be under their care and watchful eye. **Rose Stanley, Connie Mulcahy,** Martha Kleinerman [NP, Breast Care Center] and **Dr. Vandana Dialani** are the group of people I was most recently involved with. I thank them, they are exceptional."

- Name withheld to protect patient confidentiality



In a letter to Dr. Kruskal, a staff member lauds 3rd yr resident **Leo Tsai**: "Too often in our jobs we focus on what was missed or a negative interaction. This email is laud one particular resident. I have been impressed with many of the residents in your program but Leo Tsai (hope I got the spelling right) stands out. He is always pleasant when I talk to him either here or at Needham (he even apologizes if he takes an extra 5 minutes). His reads are correct and I often learn something from them. I can only think of superlatives in describing him. If he is thinking of an academic career, we should try to keep him."

Breast Imaging



When **Karen Coyle** started working at BI, she was asked to be responsible for completing the Mammography Audit reports as required by regulatory agencies. At that time, the process required performing running several reports on CCC as well as confirming pathology results on OMR. The results then needed to be entered on an excel spreadsheet. Not only did Karen ensure that the regulatory requirements were met but also provided the specific reports as requested by the Radiologists.

Diagnostic Imaging

Due to an equipment failure, all outpatients had to be rescheduled to the West campus on Monday 5/16. This resulted in an overbooked day with inpatients and outpatients. These techs worked in fluoro that day and they kept the schedule moving with minimal delays. **Stacey McKinnon, Karen Faich, Lauren Senesi Finn, Kevin Sands, and John Worcester** worked together as a cohesive team which made a difficult situation workable.



Stacey McKinnon



Karen Faich



Lauren Senesi Finn



Kevin Sands



John Worcester



Betsy Grady facilitated a new Radiation Apparel purchasing process across multiple departments after significant defaults were found in the current process by TJC. The new purchasing process will provide consistency with apparel, pricing, as well as ensuring necessary inspection and documentation for State, TJC and CMS.



Zach Bubar



David Manyok

Zach Bubar and **David Manyok** covered the July holiday 11p-7a shift on short notice. Without their coverage the shift would have been short staffed and without transport for ED patients.

CT



From a senior resident, "I just want to mention how great **Jonas Okoye** is. I am impressed by the quality of CTA studies he does. Very professional."

Your PACS workstation: How to set-up your workstation to support you and to maximize your comfort

PACS Ergonomics/Human Factors study



Beth Israel Deaconess Medical Center (BIDMC), Harvard University,
Liberty Mutual Research Institute for Safety (LMRIS)

Project Researchers: Drs. P. Boiselle, R. Eisenberg, D. Siegal, S. Ammar (BIDMC)
Dr. M. Robertson; A. Garabet, N.O'Brien, M. Dainoff (LMRIS)
Drs. J. Dennerlein & J. Chang; J. Bruno (Harvard University)



Beth Israel Deaconess
Medical Center



Liberty
Mutual

In conjunction with Liberty Mutual and the Harvard School of Public Health, we recently developed an ergonomic training guide for PACS to help reduce the risk of repetitive stress symptoms and injuries. This guide includes tips for optimal set up of your chair, workstation, monitor and input devices. The following pages have been excerpted from the guide for your convenience. If you need further assistance with ergonomics, you may find the ergonomics site on the BIDMC web portal helpful: <https://portal.bidmc.org/Employee-Central/EmpOccHeal/Ergonomics.aspx>

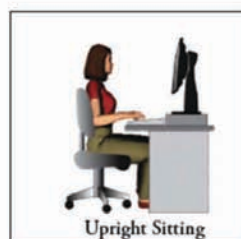
– Phillip Boiselle, MD

Vice Chair for Quality, Safety & Performance Improvement

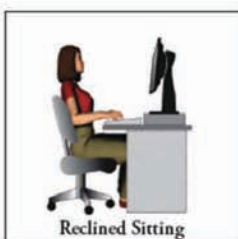


Ergo-guide

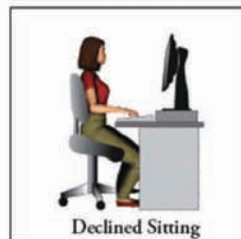
Ergonomic Tips to Maximize Your Comfort When Computing



Upright Sitting



Reclined Sitting



Declined Sitting



Standing

CHAIR and POSTURE

- Use the backrest of the chair to provide full support to your lower back
 - Make sure your chair allows clearance behind your knees when seated against the backrest
- Maintain proper body posture by:
- Sitting with your hips and knees at a 90 degree or greater angle
 - Keep your feet flat on the floor or on a footrest
 - Keep your arms relaxed at your sides; ideally with elbows at 70-135 degrees
 - Change posture frequently; common postures include upright sitting, reclined sitting, declined sitting and standing

ACCESSORIES

- Get a head-set if you regularly talk on the phone for extended periods of time. Use a lowered voice
- Use an adjustable document holder to:
- Place reference materials as close to the computer screen as possible
 - Keep materials at the same height and distance as your computer screen
 - Use your ergonomic accessories to support body posture (e.g. lumbar support, arm rests, monitor blocks, external keyboard)

MONITOR

- Place the monitor directly in front of you—about an arm's length away
- Position the top of the monitor screen at, or below, eye level

KEYBOARD and INPUT DEVICES

- Adjust the keyboard or chair height to keep forearms, wrists and hands in a straight line
- Place mouse and other input devices near to and at the same height as your keyboard
- Keep your elbows close to your body

WORK AREA and LIGHTING

- Allow ample clearance to move your knees and legs under the keyboard and desk
 - Avoid contact stress with the edge of the desk and keyboard
- To reduce glare and shadows on your work surface:
- Adjust window shades or decrease overhead lighting
 - Adjust the monitor screen or add an anti-glare filter
 - Add a task light to properly illuminate paper references

HEALTHY COMPUTING HABITS

- Use a softer touch when keying; relax your grip on the mouse
- Avoid working too long in one position
- Change your body posture frequently
- Take frequent breaks. Stretch periodically
- Give your eyes a visual break

The illustrations, instructions and principles contained in the material are general in scope and, to the best of our knowledge, current at the time of publication. No attempt has been made to interpret any referenced codes, standards or regulations. Please refer to the appropriate code-, standard-, or regulation-making authority for interpretation or clarification. Provided that you always reproduce our copyright notice and any other notice of rights, disclaimers, and limitations, and provided that no copy in whole or in part is transferred, sold, lent, or leased to any third party, you may make and distribute copies of this publication for your internal use.

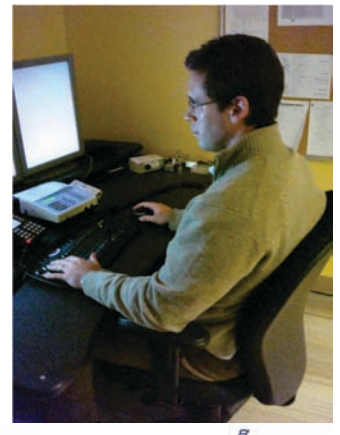
The Chair and Your Posture(s)

- Feet flat on ground
- Behind knee clearance
- Forearm & thighs parallel to ground
- Arm relaxed & supported
- Full back & torso support
- Forearm support
- Vary your working postures
 - Sit: upright, recline, & decline
 - Stand



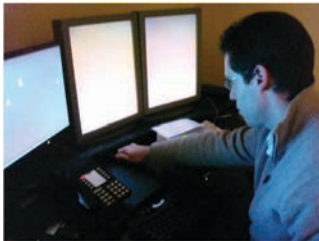
Your PACS Workstation Adjustments: Supporting your Upper Body

- After chair adjustments, make appropriate workstation height adjustments
- Workstation height with keyboards & mice should provide full forearm support
- Arms relaxed & elbows close to body
- Forearm support with arm rests



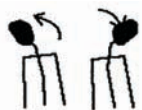
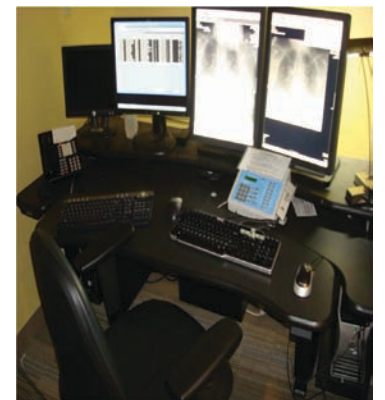
Adjusting Your Monitor

- Place primary viewing monitors in front of you
- Secondary monitors nearby
- Adjust the monitor distance
- Place monitor about an arm's length away
- Place the top of the monitor screen at or below eye level
- Be aware of viewing angle with eyeglasses



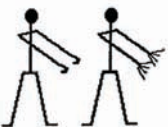
Setting Up Your Work Area and Lighting Consideration

- Ample clearance under workstation
- Avoid contact stress with edge of workstation
- Use of wrist support to reduce contact stress
- Adjust task lighting to illuminate keyboard surface or dictation phone system
- Reduce any glare from lighting source(s)



head & neck

Tuck chin in, circle head in one direction very slowly. Repeat in other direction.



arms

1 Lift arms forward, slowly clench fist, open and spread fingers.



2 Bend wrists and fingers of one hand towards the palms slowly, applying over pressure with other hand. Repeat with other hand.



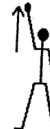
3 Interlock fingers, lift arms above head with palms outward. Stretch up, hold and relax.



4 Interlock fingers behind back lifts arms as far back as you can, hold and relax.

shoulders

Hold one arm straight up above shoulder. Push up towards ceiling. Repeat with other arm.



eyes

1 Open your eyes wide, raise eyebrows, then close eyes as tightly as possible.



2 Look straight ahead, roll eyes from left to right, then up and down.

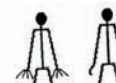


hands

1 Drop your hands by your sides, shake vigorously.



2 Put your palms together in front of your chest. With the tips of your fingers pointing upwards, push fingers left and right alternatively.



3 Place your hands by your sides. Slowly spread fingers and relax.



body

1 From a seated position, reach toward your toes and hold for 5 to 10 seconds. Slowly return to an upright position.



2 From a seated position, hold your leg just below the knee, and hug it to your chest. Hold for 5 to 10 seconds. Switch legs and repeat.

lower back

Place hands on hips, slowly arch back.



take time to

stretch

References

www.Newcastle.edu;
www.mmm.com; www.pc.ibm.com
www/Healthycomputing.com; www.compaq.com/comfortguide/index.html

@Liberty Mutual Research
 Institute for Safety



Beth Israel Deaconess
 Medical Center



Liberty
 Mutual

2011 Publications from our Faculty Members [New citations in Blue]. *We do a monthly PubMed search for new BIDMC publications and may miss those in which your affiliation is not noted. If we miss your paper, please send the reference to dwolfe@bidmc.harvard.edu to be included in next month's issue. Please note that publications do not always appear in Pubmed in the same month they are acutally published.*

Akçakaya M, Basha TA, Goddu B, Goepfert LA, Kissinger KV, Tarokh V, **Manning WJ**, Nezafat R. Low-dimensional-structure self-learning and thresholding: Regularization beyond compressed sensing for MRI Reconstruction. Magn Reson Med. 2011 Apr 4. doi: 10.1002/mrm.22841.

Akçakaya M, Hu P, Chuang ML, Hauser TH, Ngo LH, **Manning WJ**, Tarokh V, Nezafat R. Accelerated noncontrast-enhanced pulmonary vein MRA with distributed compressed sensing. J Magn Reson Imaging. 2011 May;33(5):1248-55. doi: 10.1002/jmri.22559. PMCID: PMC3081138.

Akçakaya M, Nam S, Hu P, Moghari MH, Ngo LH, Tarokh V, **Manning WJ**, Nezafat R. Compressed Sensing With Wavelet Domain Dependencies for Coronary MRI: A Retrospective Study. IEEE Trans Med Imaging. 2011 May;30(5):1090-9.

Ahmed M, Brace CL, Lee FT Jr, **Goldberg SN**. Principles of and Advances in Percutaneous Ablation. Radiology. 2011 Feb;258(2):351-369.

Ahmed M, Goldberg SN. Basic science research in thermal ablation. Surg Oncol Clin N Am. 2011 Apr;20(2):237-58.

Alsop D, Wood CM. Metal uptake and acute toxicity in zebrafish: Common mechanisms across multiple metals. Aquat Toxicol. 2011 Jul 19;105(3-4):385-393.

Appelbaum L, **Sosna J**, Nissenbaum Y, Benshtein A, **Goldberg SN**. Electromagnetic Navigation System for CT-Guided Biopsy of Small Lesions. AJR Am J Roentgenol. 2011 May;196(5):1194-200.

Ashitate Y, Lee BT, Ngo LH, Laurence RG, Hutteman M, Oketokoun R, Lunsford E, Choi HS, **Frangioni JV**. Quantitative Assessment of Nipple Perfusion With Near-Infrared Fluorescence Imaging. Ann Plast Surg. 2011 Aug 22.

Ashitate Y, Stockdale A, Choi HS, Laurence RG, **Frangioni JV**. Real-Time Simultaneous Near-Infrared Fluorescence Imaging of Bile Duct and Arterial Anatomy. J Surg Res. 2011 Jul 14. [Epub ahead of print]

Ashitate Y, Tanaka E, Stockdale A, Choi HS, **Frangioni JV**. Near-infrared fluorescence imaging of thoracic duct anatomy and function in open surgery and video-assisted thoracic surgery. J Thorac Cardiovasc Surg. 2011 Apr 6. [Epub ahead of print]

Boiselle PM. The journal of thoracic imaging welcomes the European society of thoracic imaging. J Thorac Imaging. 2011 Feb;26(1):2.

Boiselle PM. In with the new! J Thorac Imaging. 2011 Feb;26(1):1.

Boiselle PM, Erasmus JJ, Ko JP, Ravenel JG, Vlahos I. Expert opinion: lung cancer staging. J Thorac Imaging. 2011 May;26(2):85.

Boiselle PM, Hurwitz LM, Mayo JR, Schoepf UJ, Tack D. Expert opinion: radiation dose management in cardiopulmonary imaging. J Thorac Imaging. 2011 Feb;26(1):3.

Boiselle PM, Reddy GP. Editors' recognition awards for distinction in reviewing in 2010. J Thorac Imaging. 2011 Feb;26(1):7.

Boiselle PM. The Neoplasm Formerly Known as BAC. J Thorac Imaging. 2011 Aug;26(3):188.

Boiselle PM. Cardiopulmonary radiologists: the next generation. J Thorac Imaging. 2011 Aug;26(3):187.

Brook OR, Hakmon T, Brook A, Dudnik E, Kuten A, Engel A. The Effect of Radiology Conference Consultation on Cancer Patients Management. Ann Oncol. 2011 May;22(5):1204-8.

Brook OR, **Kane RA**, **Tyagi G**, **Siewert B**, **Kruskal JB**. Lessons Learned From Quality Assurance: Errors in the Diagnosis of Acute Cholecystitis on Ultrasound and CT. AJR Am J Roentgenol. 2011 Mar;196(3):597-604.

Brook OR, **Mendiratta-Lala M**, **Brennan D**, **Siewert B**, **Faintuch S**, **Goldberg SN**. Imaging findings after radiofrequency ablation of adrenal tumors. AJR Am J Roentgenol. 2011 Feb;196(2):382-8.

Cambers CE, Fetterly KA, Holzer R, **Lin PJ**, Blankenship JC, Balter S, Laskey WK. Radiation safety program for the cardiac catheterization laboratory. Catheter Cardiovasc Interv. 2011 Mar 1;77(4):546-56. doi: 10.1002/ccd.22867.

Chappelw J, Bloch BN, **Rofsky N**, Genega E, **Lenkinski R**, DeWolf W, Madabhushi A. Elastic registration of multimodal prostate MRI and histology via multiattribute combined mutual information. Med Phys. 2011 Apr;38(4):2005-18. PMCID: PMC3078156.

Choi HS, Nasr K, Alyabyev S, Feith D, Lee JH, Kim SH, Ashitate Y, Hyun H, Patonay G, Strekowski L, Henary M, **Frangioni JV**. Synthesis and in vivo fate of zwitterionic near-infrared fluorophores. Angew Chem Int Ed Engl. 2011 Jul 4;50(28):6258-63. doi: 10.1002/anie.201102459. Epub 2011 Jun 7.

Cohen AB, Neema M, Arora A, Dell'oglio E, Benedict RH, Tauhid S, Goldberg-Zimring D, Chavarro-Nieto C, Ceccarelli A, Klein JP, Stankiewicz JM, Houtchens MK, Buckle GJ, **Alsop DC**, Guttman CR, Bakshi R. The Relationships among MRI-Defined Spinal Cord Involvement, Brain Involvement, and Disability in Multiple Sclerosis. J Neuroimaging. 2011 Mar 29. doi: 10.1111/j.1552-6569.2011.00589.x.

Cohen SB, Proudman S, Kivitz AJ, Burch FX, Donohue JP, **Burstein D**, Sun YN, Banfield C, Vincent MS, Ni L, Zack DJ. A randomized, double-blind study of AMG 108 (a fully human monoclonal antibody to IL 1R1) in patients with osteoarthritis of the knee. Arthritis Res Ther. 2011 Jul 29;13(4):R125.

Corwin MT, **Siewert B**, **Sheiman RG**, **Kane RA**. Incidentally detected gallbladder polyps: is follow-up necessary?--Long-term clinical and US analysis of 346 patients. Radiology. 2011 Jan;258(1):277-82. Epub 2010 Aug 9.

Crema MD, Roemer FW, Marra MD, **Burstein D**, Gold GE, Eckstein F, Baum T, Mosher TJ, Carrino JA, Guermazi A. Articular Cartilage in the Knee: Current MR Imaging Techniques and Applications in Clinical Practice and Research1. Radiographics. 2011 Jan-Feb;31(1):37-61.

Cullen G, Vaughn B, Ahmed A, Peppercorn MA, **Smith MP**, Moss AC, Cheifetz AS. Abdominal phlegmons in Crohn's disease: Outcomes following antitumor necrosis factor therapy. Inflamm Bowel Dis. 2011 Jun 6. doi: 10.1002/ibd.21783. [Epub ahead of print]

Dai W, **Robson PM**, **Shankaranarayanan A**, **Alsop DC**. Sensitivity calibration with a uniform magnetization image to improve arterial spin labeling perfusion quantification. Magn Reson Med. 2011 Apr 26. doi: 10.1002/mrm.22954. [Epub ahead of print]

Dialani V, **Hines N**, Wang Y, **Slanetz P**. Breast Schwannoma. Case Report Med. 2011;2011:930841. Epub 2011 Feb 9.

Dialani V, **Litmanovich D**, **Bankier AA**, Decamp M, Gangadharan SP, **Boiselle PM**. Subcarinal collection following mediastinoscopy: a normal post-procedural CT finding. Clin Radiol. 2011 Feb 8. [Epub ahead of print]

Douglas PS, Garcia MJ, Haines DE, Lai WW, **Manning WJ**, Patel AR, Picard MH, Polk DM, Ragosta M, Ward RP, Weiner RB. ACCF/AHA/ASNC/HFSA/HRS/SCAI/SCCM/SCCT/SCMR 2011 Appropriate Use Criteria for Echocardiography A Report of the American College of Cardiology Foundation Appropriate Use Criteria Task Force, American Society of Echocardiography, American Heart Association, American Society of Nuclear Cardiology, Heart Failure Society of America, Heart Rhythm Society, Society for Cardiovascular Angiography and Interventions, Society of Critical Care Medicine, Society of Cardiovascular Computed Tomography, and Society for Cardiovascular Magnetic Resonance Endorsed by the American College of Chest Physicians. J Am Coll Cardiol. 2011 Mar 1;57(9):1126-66.

Eisenberg RL, Khabbaz KR. Are chest radiographs routinely indicated after chest tube removal following cardiac surgery? AJR Am J Roentgenol. 2011 Jul;197(1):122-4.

Eisenberg RL, Ngo L, **Boiselle PM**, **Bankier AA**. Honorary Authorship in Radiologic Research Articles: Assessment of Frequency and Associated Factors. Radiology. 2011 Mar 8.

Eisenberg RL, **Yablon CM**. Career development for residents and beyond: filling in the gaps. AJR Am J Roentgenol. 2011 Jan;196(1):W6-7.

Fong TG, Inouye SK, Dai W, Press DZ, **Alsop DC**. Association cortex hypoperfusion in mild dementia with Lewy bodies: a potential indicator of cholinergic dysfunction? Brain Imaging Behav. 2011 Mar;5(1):25-35.

Frangioni JV. The myth of multimodality diagnostic agents. Mol Imaging. 2011 Apr;10(2):79-80.

Franks TJ, Galvin JR, Jett JR, Naidich DP, **Boiselle PM**. Expert Opinion: Role of Percutaneous Biopsy of Part-Solid Nodules in the IASLC/ATS/ERS International Multidisciplinary Classification of Lung Adenocarcinoma. J Thorac Imaging. 2011 Aug;26(3):189.

Fujii H, Idoine JD, Gioux S, Accorsi R, Slochower DR, Lanza RC, **Frangioni JV**. Optimization of Coded Aperture Radioscintigraphy for Sentinel Lymph Node Mapping. Mol Imaging Biol. 2011 May 13.

2011 Publications from our Faculty Members [New citations in Blue].

Gansler DA, Lee AK, Emerton BC, D'Amato C, **Bhadelia R**, Jerram M, Fulwiler C. Prefrontal regional correlates of self-control in male psychiatric patients: Impulsivity facets and aggression. *Psychiatry Res.* 2011 Jan 30;191(1):16-23. Epub 2010 Dec 9.

Gibbs-Strauss SL, Nasr KA, Fish KM, Khullar O, Ashitate Y, Siclovan TM, Johnson BF, Barnhardt NE, Tan Hehir CA, **Frangioni JV**. Nerve-highlighting fluorescent contrast agents for image-guided surgery. *Mol Imaging.* 2011 Apr;10(2):91-101.

Grant AK, Vinogradov E, Wang X, Lenkinski RE, Alsop DC. Perfusion imaging with a freely diffusible hyperpolarized contrast agent. *Magn Reson Med.* 2011 Mar 22. doi: 10.1002/mrm.22860.

Greenman RL, Smithline HA. The Feasibility of Measuring Phosphocreatine Recovery Kinetics in Muscle Using a Single-shot (31)P RARE MRI Sequence. *Acad Radiol.* 2011 Apr 30. [Epub ahead of print]

Greenman RL, Wang X, Smithline HA. Simultaneous acquisition of phosphocreatine and inorganic phosphate images for Pi:PCr ratio mapping using a RARE sequence with chemically selective interleaving. *Magn Reson Imaging.* 2011 Jun 3. [Epub ahead of print]

Hara AK, Blevins M, Chen MH, Dachman AH, Kuo MD, Menias CO, **Siewert B**, Cheema JI, Obregon RG, Fidler JL, Zimmerman P, Horton KM, Coakley KJ, Iyer RB, Halvorsen RA Jr, Casola G, Yee J, Herman BA, Johnson CD. ACRIN CT Colonography Trial: Does Reader's Preference for Primary Two-dimensional versus Primary Three-dimensional Interpretation Affect Performance? *Radiology.* 2011 Mar 1.

Hara AK, Kuo MD, Blevins M, Chen MH, Yee J, Dachman A, Menias CO, **Siewert B**, Cheema JI, Obregon RG, Fidler JL, Zimmerman P, Horton KM, Coakley K, Iyer RB, Halvorsen RA Jr, Casola G, Johnson CD. National CT Colonography Trial (ACRIN 6664): Comparison of Three Full-Laxative Bowel Preparations in More Than 2500 Average-Risk Patients. *AJR Am J Roentgenol.* 2011 May;196(5):1076-82.

Harrigan CJ, Peters DC, Gibson CM, Maron BJ, Manning WJ, Maron MS, Appelbaum E. Hypertrophic cardiomyopathy: quantification of late gadolinium enhancement with contrast-enhanced cardiovascular MR imaging. *Radiology.* 2011 Jan;258(1):128-33. Epub 2010 Nov 2.

Henkin RE, Del Rowe JD, Grigsby PW, Hartford AC, Jadvar H, Macklis RM, **Parker JA**, Wong JY, Rosenthal SA. ACR-ASTRO Practice Guideline for the Performance of Therapy With Unsealed Radiopharmaceutical Sources. *Clin Nucl Med.* 2011 Aug;36(8):e72-e80.

Hall FM. Hip fractures and other problematic radiologic terminology. *AJR Am J Roentgenol.* 2011 Aug;197(2):523.

Hall FM, Kim S, Yoon CS, Chung TS, Kim H. Re: More about Scoliosis Imaging for Radiologists * Dr Kim and colleagues respond. *Radiographics.* 2011 Jul-Aug;31(4):1191-2.

Hall FM, Mehta TS, Magaram D. Sonographic confirmation of mammographic abnormality. *AJR Am J Roentgenol.* 2011 Sep;197(3):764.

Hu P, Chan J, Ngo LH, Smink J, Goddu B, Kissinger KV, Goepfert L, Hauser TH, **Rofsky NM, Manning WJ**, Nezafat R. Contrast-enhanced whole-heart coronary MRI with bolus infusion of gadobenate dimeglumine at 1.5 T. *Magn Reson Imaging.* 2011 Feb;66(2):392-398.

Hu P, Hong S, Moghari MH, Goddu B, Goepfert L, Kissinger KV, Hauser TH, **Manning WJ**, Nezafat R. Motion correction using coil arrays (MOCCA) for free-breathing cardiac cine MRI. *Magn Reson Med.* 2011 Aug;66(2):467-75. doi: 10.1002/mrm.22854. Epub 2011 Feb 24.

Hutteman M, Choi HS, Mieog JS, van der Vorst JR, Ashitate Y, Kuppen PJ, van Groningen MC, Löwik CW, Smit VT, van de Velde CJ, **Frangioni JV**, Vahrmeijer AL. Clinical Translation of Ex Vivo Sentinel Lymph Node Mapping for Colorectal Cancer Using Invisible Near-Infrared Fluorescence Light. *Ann Surg Oncol.* 2011 Apr;18(4):1006-14.

Hutteman M, Mieog JS, van der Vorst JR, Liefers GJ, Putter H, Löwik CW, **Frangioni JV**, van de Velde CJ, Vahrmeijer AL. Randomized, double-blind comparison of indocyanine green with or without albumin premixing for near-infrared fluorescence imaging of sentinel lymph nodes in breast cancer patients. *Breast Cancer Res Treat.* 2011 Mar 1.

Inoue K, Liu F, Hoppin J, Lunsford EP, Lackas C, Hesterman J, **Lenkinski RE**, Fujii H, **Frangioni JV**. High-resolution Computed Tomography Of Single Breast Cancer Microcalcifications In Vivo. *Mol Imaging.* 2011 Apr 1.

Iuanow E, Kettler M, **Slanetz PJ**. Spectrum of Disease in the Male Breast. *AJR Am J Roentgenol.* 2011 Mar;196(3):W247-59. [CME. WEB. Pictorial Essay]

Khan A, Khosa F, Eisenberg RL. Cystic lesions of the pancreas. *AJR Am J Roentgenol.* 2011 Jun;196(6):W668-77.

Khan A, Khosa F, Nasir K, Yassin A, Clouse ME. Comparison of Radiation Dose and Image Quality: 320-MDCT Versus 64-MDCT Coronary Angiography. *AJR Am J Roentgenol.* 2011 Jul;197(1):163-8.

Khan A, Nasir K, Khosa F, Saghir A, Sarwar S, Clouse ME. Prospective Gating With 320-MDCT Angiography: Effect of Volume Scan Length on Radiation Dose. *AJR Am J Roentgenol.* 2011 Feb;196(2):407-11.

Khosa F, Khan AN, Eisenberg RL. Hypervascular liver lesions on MRI. *AJR Am J Roentgenol.* 2011 Aug;197(2):W204-20.

Khosa F, Romney BP, Costa DN, Rofsky NM, Manning WJ. Prevalence of noncardiac findings on clinical cardiovascular MRI. *AJR Am J Roentgenol.* 2011 Apr;196(4):W380-6.

Khurd P, Bahlmann C, Maday P, Kamen A, Gibbs-Strauss S, Genega EM, **Frangioni JV.** COMPUTER-AIDED GLEASON GRADING OF PROSTATE CANCER HISTOPATHOLOGICAL IMAGES USING TEXTON FORESTS. *Proc IEEE Int Symp Biomed Imaging.* 2010 Apr 17;14-17 April 2010:636-639. PMCID: PMC3017375.

Klein JP, Arora A, Neema M, Healy BC, Tauhid S, Goldberg-Zimring D, Chavarro-Nieto C, Stankiewicz JM, Cohen AB, Buckle GJ, Houtchens MK, Ceccarelli A, Dell'oglio E, Guttmann CR, **Alsop DC, Hackney DB**, Bakshi R. A 3T MR Imaging Investigation of the Topography of Whole Spinal Cord Atrophy in Multiple Sclerosis. *AJNR Am J Neuroradiol.* 2011 May 5. [Epub ahead of print]

Koshkareva YA, Weinstein GS, Feldman M, **Moonis G.** Steatocystoma simplex of the infratemporal fossa: An uncommon location for a rare entity. *Ear Nose Throat J.* 2011 Jan;90(1):E16-8.

Krajewski KM, Giardino AA, Zukotynski K, Van den Abbeele AD, Pedrosa I. Imaging in renal cell carcinoma. *Hematol Oncol Clin North Am.* 2011 Aug;25(4):687-715.

Krajewski KM, Guo M, Van den Abbeele AD, Yap J, Ramaiya N, Jagannathan J, Heng DY, Atkins MB, McDermott DF, Schutz FA, **Pedrosa I**, Choueiri TK. Comparison of Four Early Posttherapy Imaging Changes (EPTIC; RECIST 1.0, Tumor Shrinkage, Computed Tomography Tumor Density, Choi Criteria) in Assessing Outcome to Vascular Endothelial Growth Factor-Targeted Therapy in Patients With Advanced Renal Cell Carcinoma. *Eur Urol.* 2011 Feb 1. [Epub ahead of print]

Kressel HY. Scientific dialogue: vestige of the past or hope for the future? *Radiology.* 2011 Jan;258(1):12-4.

Kressel HY. Editor's Note. *Radiology.* 2011 Apr;259(1):306.

Kressel HY. Challenges and opportunities for imaging journals: emerging from the shadows. *Skeletal Radiol.* 2011 Sep;40(9):1239-43. Epub 2011 Aug 17.

Kressel HY, Dixon AK. Where Is the Honor in Honorary Authorship? *Radiology.* 2011 Mar 8.

Kung JW, Yablon CM, Eisenberg RL. Bone marrow signal alteration in the extremities. *AJR Am J Roentgenol.* 2011 May;196(5):W492-510.

Lee EY, Tracy DA, **Eisenberg RL**, Arellano CM, Mahmood SA, Cleveland RH, Zurakowski D, **Boiselle PM.** Screening of asymptomatic children for tuberculosis is a lateral chest radiograph routinely indicated? *Acad Radiol.* 2011 Feb;18(2):184-90. Epub 2010 Nov 20.

Lee EY, Tracy DA, Mahmood SA, Weldon CB, Zurakowski D, **Boiselle PM.** Preoperative MDCT Evaluation of Congenital Lung Anomalies in Children: Comparison of Axial, Multiplanar, and 3D Images. *AJR Am J Roentgenol.* 2011 May;196(5):1040-6.

Lee JH, Choi HS, Nasr KA, Ha M, Kim Y, **Frangioni JV.** High-throughput small molecule identification using maldi-tof and a nanolayered substrate. *Anal Chem.* 2011 Jul 1;83(13):5283-9. Epub 2011 Jun 8.

Levenson RB, Pearson KM, Saokar A, Lee SI, Mueller PR, Hahn PF. Image-guided Drainage of Tuboovarian Abscesses of Gastrointestinal or Genitourinary Origin: A Retrospective Analysis. *J Vasc Interv Radiol.* 2011 May;22(5):678-86.

Li Y, Estroff JA, **Mehta TS**, Robertson RL, Robson CD, Poussaint TY, Feldman HA, Ware J, **Levine D.** Ultrasound and MRI of fetuses with ventriculomegaly: can cortical development be used to predict postnatal outcome? *AJR Am J Roentgenol.* 2011 Jun;196(6):1457-67.

2011 Publications from our Faculty Members [New citations in Blue].

Li Y, [Sangsiri RK](#), Estroff JA, **Mehta TS**, Poussaint TY, Robertson RL, Robson CD, Feldman HA, Barnewolt C, **Levine D**. Outcome of fetuses with cerebral ventriculomegaly and septum pellucidum leaflet abnormalities. *AJR Am J Roentgenol*. 2011 Jan;196(1):W83-92.

Madhuranthakam AJ, Sarkar SN, Busse RF, Bakshi R, **Alsop DC**. Optimized double inversion recovery for reduction of T(1) weighting in fluid-attenuated inversion recovery. *Magn Reson Med*. 2011 May 16. doi: 10.1002/mrm.22979.

Maleki N, **Alsop DC**, Dai W, Hudson C, Han JS, Fisher J, Mikulis D. The Effect of Hypercarbia and Hyperoxia on the Total Blood Flow to the Retina as Assessed by Magnetic Resonance Imaging. *Invest Ophthalmol Vis Sci*. 2011 Mar 29.

Maleki N, Dai W, **Alsop DC**. Blood flow quantification of the human retina with MRI. *NMR Biomed*. 2011 Jan;24(1):104-11. doi: 10.1002/nbm.1564. Epub 2010 Sep 22.

[Margulis AR](#), **Eisenberg RL**. Advancing in your career. *AJR Am J Roentgenol*. 2011 Sep;197(3):W382-3.

Maron MS, Olivotto I, Harrigan C, Appelbaum E, Gibson CM, Lesser JR, Haas TS, Udelson JE, **Manning WJ**, Maron BJ. Mitral Valve Abnormalities Identified by Cardiovascular Magnetic Resonance Represent a Primary Phenotypic Expression of Hypertrophic Cardiomyopathy. *Circulation*. 2011 Jun 13. [Epub ahead of print]

Mazhar A, Dell S, Cuccia DJ, Gioux S, Durkin AJ, **Frangioni JV**, Tromberg BJ. Wavelength optimization for rapid chromophore mapping using spatial frequency domain imaging. *J Biomed Opt*. 2010 Nov-Dec;15(6):061716.

McAlindon TE, Nuite M, Krishnan N, Ruthazer R, Price LL, **Burstein D**, Griffith J, Flechsenhar K. Change In Knee Osteoarthritis Cartilage Detected By Delayed Gadolinium Enhanced Magnetic Resonance Imaging Following Treatment With Collagen Hydrolysate: A Pilot Randomized Controlled Trial. *Osteoarthritis Cartilage*. 2011 Jan 17. [Epub ahead of print]

Melzer TR, Watts R, Macaskill MR, Pearson JF, Rüeger S, Pitcher TL, Livingston L, Graham C, Keenan R, Shankaranarayanan A, **Alsop DC**, Dalrymple-Alford JC, Anderson TJ. Arterial spin labelling reveals an abnormal cerebral perfusion pattern in Parkinson's disease. *Brain*. 2011 Mar;134(Pt 3):845-55. Epub 2011 Feb 9.

[Mendiratta-Lala M](#), **Brennan DD**, [Brook OR](#), **Faintuch S**, Mowschenson PM, **Sheiman RG**, **Goldberg SN**. Efficacy of radiofrequency ablation in the treatment of small functional adrenal neoplasms. *Radiology*. 2011 Jan;258(1):308-16. Epub 2010 Oct 27.

[Mendiratta-Lala M](#), **Eisenberg RL**, Steele JR, **Boiselle PM**, **Kruskal JB**. Quality Initiatives: Measuring and Managing the Procedural Competency of Radiologists. *Radiographics*. 2011 Jun 30. [Epub ahead of print]

Mieog JS, Troyan SL, Hutteman M, Donohoe KJ, van der Vorst JR, Stockdale A, Liefers GJ, Choi HS, Gibbs-Strauss SL, Putter H, Gioux S, Kuppen PJ, Ashitate Y, Löwik CW, Smit VT, Oketokoun R, Ngo LH, van de Velde CJ, **Frangioni JV**, Vahrmeijer AL. Toward Optimization of Imaging System and Lymphatic Tracer for Near-Infrared Fluorescent Sentinel Lymph Node Mapping in Breast Cancer. *Ann Surg Oncol*. 2011 Mar 1.

Moghari MH, Akçakaya M, O'Connor A, Basha TA, Casanova M, Stanton D, Goepfert L, Kissinger KV, Goddu B, Chuang ML, Tarokh V, **Manning WJ**, Nezafat R. Compressed-sensing motion compensation (CosMo): A joint prospective-retrospective respiratory navigator for coronary MRI. *Magn Reson Med*. 2011 Jun 10. doi: 10.1002/mrm.22950. [Epub ahead of print]

Moghari MH, Peters DC, Smink J, Goepfert L, Kissinger KV, Goddu B, Hauser TH, Josephson ME, **Manning WJ**, Nezafat R. Pulmonary vein inflow artifact reduction for free-breathing left atrium late gadolinium enhancement. *Magn Reson Med*. 2011 Feb 28. doi: 10.1002/mrm.22769.

Mohammed TL, Chowdhry A, Reddy GP, Amorosa JK, Brown K, Dyer DS, Ginsburg ME, Heitkamp DE, Jeudy J, Kirsch J, Macmahon H, **Parker JA**, Ravenel JG, Saleh AG, Shah RD. ACR Appropriateness Criteria® Screening for Pulmonary Metastases. *J Thorac Imaging*. 2011 Feb;26(1):W1-W3.

Olmsted WW, **Kressel HY**. Challenges and opportunities in scientific publications in 2011: an analysis by the editors of the journals of the Radiological Society of North America (RSNA). *Radiologia*. 2011 Feb 9. [Epub ahead of print] English, Spanish.

Orcutt KD, Slusarczyk AL, Cieslewicz M, Ruiz-Yi B, Bhushan KR, **Frangioni JV**, Wittrup KD. Engineering an antibody with picomolar affinity to DOTA chelates of multiple radionuclides for pretargeted radioimmunotherapy and imaging. *Nucl Med Biol*. 2011 Feb;38(2):223-33. Epub 2010 Oct 27.

Pahade JK, [Lebedis CA](#), **Raptopoulos VD**, Avigan DE, **Yam CS**, **Kruskal JB**, **Pedrosa I**. Incidence of Contrast-Induced Nephropathy in Patients With Multiple Myeloma Undergoing Contrast-Enhanced CT. *AJR Am J Roentgenol*. 2011 May;196(5):1094-101.

Palmer MR, **Donohoe KJ**, Francis JM, A Mandelbrot D. Evaluation of relative renal function for patients who had undergone simultaneous liver-kidney transplants using Tc-99m-MAG3 scintigraphy with attenuation correction from anatomical images and SPECT/CT. *Nucl Med Commun*. 2011 Aug;32(8):738-44.

Pedrosa I, Rafatzand K, Robson P, Wagner AA, Atkins MB, Rofsky NM, **Alsop DC**. Arterial spin labeling MR imaging for characterisation of renal masses in patients with impaired renal function: initial experience. *Eur Radiol*. 2011 Aug 30.

Pianykh OS. Perfusion linearity and its applications in perfusion algorithm analysis. *Comput Med Imaging Graph*. 2011 Aug 24.

Pier DB, **Levine D**, Kataoka ML, Estroff JA, Werdich XQ, Ware J, Beeghly M, Poussaint TY, Duplessis A, Li Y, Feldman HA. Magnetic resonance volumetric assessments of brains in fetuses with ventriculomegaly correlated to outcomes. *J Ultrasound Med*. 2011 May;30(5):595-603.

Pillen S, van Alfen N, Sorenson EJ, Boon AJ, **Wu JS**, Darras BT, Rutkove SB. Assessing spinal muscular atrophy with quantitative ultrasound. *Neurology*. 2011Mar 8;76(10):933-4.

Pritchett Y, Jemai Y, Chang Y, Bhan I, Agarwal R, Zoccali C, Wanner C, Lloyd-Jones D, Cannata-Andia JB, Thompson T, Appelbaum E, Audhya P, Address D, Zhang W, Solomon S, **Manning WJ**, Thadhani R. The use of group sequential, information-based sample size re-estimation in the design of the PRIMO study of chronic kidney disease. *Clin Trials*. 2011;8(2):165-74.

[Rahimi AR](#), York M, Gheewala N, Markson L, Hauser TH, **Manning WJ**. Trends in outpatient transthoracic echocardiography: impact of appropriateness criteria publication. *Am J Med*. 2011 Aug;124(8):740-6.

[Rana RS](#), **Moonis G**. Head and neck infection and inflammation. *Radiol Clin North Am*. 2011 Jan;49(1):165-82.

Robich MP, Osipov RM, Chu LM, Han Y, Feng J, Nezafat R, Clements RT, **Manning WJ**, Sellke FW. Resveratrol modifies risk factors for coronary artery disease in swine with metabolic syndrome and myocardial ischemia. *Eur J Pharmacol*. 2011 Aug 16;664(1-3):45-53. PMID: PMC3107708.

Rosen MP, Oake N, Forster AJ, Goelman A, Levy F. The effect of imaging capacity on the imaging workup of patients with stroke: a preliminary case for a cross-country comparison. *J Am Coll Radiol*. 2011 Jun;8(6):428-435.e3.

Santelli C, Nezafat R, Goddu B, **Manning WJ**, Smink J, Kozerke S, Peters DC. Respiratory bellows revisited for motion compensation: Preliminary experience for cardiovascular MR. *Magn Reson Med*. 2011 Apr;65(4):1097-102. doi: 10.1002/mrm.22687. Epub 2010 Nov 3.

Sarkar SN, **Alsop DC**, Madhuranthakam AJ, Busse RF, [Robson PM](#), **Rofsky NM**, **Hackney DB**. Brain MR Imaging at Ultra-low Radiofrequency Power. *Radiology*. 2011 Feb 25.

Schaafsma BE, Mieog JS, Hutteman M, van der Vorst JR, Kuppen PJ, Löwik CW, **Frangioni JV**, van de Velde CJ, Vahrmeijer AL. The clinical use of indocyanine green as a near-infrared fluorescent contrast agent for image-guided oncologic surgery. *J Surg Oncol*. 2011 Apr 14. doi: 10.1002/jso.21943.

[Scheidegger R](#), **Vinogradov E**, **Alsop DC**. Amide proton transfer imaging with improved robustness to magnetic field inhomogeneity and magnetization transfer asymmetry using saturation with frequency alternating RF irradiation. *Magn Reson Med*. 2011 May 23. doi: 10.1002/mrm.22912. [Epub ahead of print]

Seth P, **Grant AK**, Tang J, **Vinogradov E**, [Wang X](#), **Lenkinski RE**, Sukhatme V. On-target inhibition of tumor fermentative glycolysis as visualized by hyperpolarized pyruvate. *Neoplasia*. 2011 Jan;13(1):60-71.

Shaheen R, Schimmelpenninck CA, Stoddart L, Raymond H, **Slanetz PJ**. Spectrum of diseases presenting as architectural distortion on mammography: multimodality radiologic imaging with pathologic correlation. *Semin Ultrasound CT MR*. 2011 Aug;32(4):351-62

Shaheen R, **Slanetz PJ**, Raza S, **Rosen MP**. Barriers and opportunities for early detection of breast cancer in Gaza women. *Breast*. 2011 Feb 11.

Son JK, Lee EY, **Eisenberg RL**. Focal nonvascular thoracic masses in children. *JR Am J Roentgenol*. 2011 Mar;196(3):W224-39.

2011 Publications from our Faculty Members [New citations in Blue].

Sun X, **Bhadelia R**, Liebson E, Bergethon P, Folstein M, Zhu JJ, Mwamburi DM, Patz S, Qiu WQ. The relationship between plasma amyloid- β peptides and the medial temporal lobe in the homebound elderly. *Int J Geriatr Psychiatry*. 2011 Jun;26(6):593-601. doi: 10.1002/gps.2568.

Taylor-Phillips S, **Bankier AA**, **Levine D**, Halpern EF, **Kressel HY**. Considerations of prevalence and reporting environment for achieving realistic test conditions. *Radiology*. 2011 Mar;258(3):959-60.

Thadhani R, Appelbaum E, Chang Y, Pritchett Y, Bhan I, Agarwal R, Zoccali C, Wanner C, Lloyd-Jones D, Cannata J, Thompson T, Audhya P, Andress D, Zhang W, Ye J, Packham D, Singh B, Zehnder D, **Manning WJ**, Pachika A, Solomon SD. Vitamin D Receptor Activation and Left Ventricular Hypertrophy in Advanced Kidney Disease. *Am J Nephrol*. 2011 Jan 18;33(2):139-149. [Epub ahead of print]

Thornton E, Brook OR, Mendiratta-Lala M, **Hallett DT**, **Kruskal JB**. Application of failure mode and effect analysis in a radiology department. *Radiographics*. 2011 Jan-Feb;31(1):281-93. Epub 2010 Oct 27.

Thornton E, Mendiratta-Lala M, **Siewert B**, **Eisenberg RL**. Patterns of fat stranding. *AJR Am J Roentgenol*. 2011 Jul;197(1):W1-W14.

Toth R, Bloch BN, Genega EM, **Rofsky NM**, **Lenkinski RE**, Rosen MA, Kalyanpur A, Pungavkar S, Madabhushi A. Accurate Prostate Volume Estimation Using Multifeature Active Shape Models on T2-weighted MRI. *Acad Radiol*. 2011 Jun;18(6):745-54.

Tokuda J, Mamata H, Gill RR, Hata N, Kikinis R, Padera RF Jr, **Lenkinski RE**, Sugarbaker DJ, Hatabu H. Impact of nonrigid motion correction technique on pixel-wise pharmacokinetic analysis of free-breathing pulmonary dynamic contrast-enhanced MR imaging. *J Magn Reson Imaging*. 2011 Apr;33(4):968-73. doi: 10.1002/jmri.22490. PMID: PMC3069717.

Tsao CW, Gona P, Salton C, Danias PG, Blease S, Hoffmann U, Fox CS, Albert M, Levy D, O'Donnell CJ, **Manning WJ**, Yeon SB. Subclinical and Clinical Correlates of Left Ventricular Wall Motion Abnormalities in the Community. *Am J Cardiol*. 2011 Jan 17. [Epub ahead of print]

Tsao CW, Gona P, Salton C, Murabito JM, Oyama N, Danias PG, O'Donnell CJ, **Manning WJ**, Yeon SB. Relationship between central and peripheral atherosclerosis and left ventricular dysfunction in a community population. *Vasc Med*. 2011 Jun 27. [Epub ahead of print]

Vachha B, **Sun MR**, **Siewert B**, **Eisenberg RL**. Cystic lesions of the liver. *AJR Am J Roentgenol*. 2011 Apr;196(4):W355-66.

van der Vorst JR, Hutteman M, Mieog JS, de Rooij KE, Kaijzel EL, Löwik CW, Putter H, Kuppen PJ, **Frangioni JV**, van de Velde CJ, Vahrmeijer AL. Near-Infrared Fluorescence Imaging of Liver Metastases in Rats using Indocyanine Green. *J Surg Res*. 2011 Feb 2.

Vavere AL, Arbab-Zadeh A, Rochitte CE, Dewey M, Niinuma H, Gottlieb I, **Clouse ME**, Bush DE, Hoe JW, de Roos A, Cox C, Lima JA, Miller JM. Coronary Artery Stenoses: Accuracy of 64-Detector Row CT Angiography in Segments with Mild, Moderate, or Severe Calcification--A Subanalysis of the CORE-64 Trial. *Radiology*. 2011 Aug 9.

Wu JS, Buettner C, Smithline H, Ngo LH, **Greenman RL**. Evaluation of skeletal muscle during calf exercise by 31-phosphorus magnetic resonance spectroscopy in patients on statin medications. *Muscle Nerve*. 2011 Jan;43(1):76-81.

Xiao G, Bloch BN, Chappelow J, Genega EM, **Rofsky NM**, **Lenkinski RE**, Tomaszewski J, Feldman MD, Rosen M, Madabhushi A. Determining histology-MRI slice correspondences for defining MRI-based disease signatures of prostate cancer. *Comput Med Imaging Graph*. 2011 Jan 19.

Yablon CM, Kapustin AJ, **Eisenberg RL**. Private practice: what is expected of the new graduate? *AJR Am J Roentgenol*. 2011 Jul;197(1):W21-2.

Yang W, Ahmed M, Tasawwar B, Levchenko T, Sawant RR, Collins M, Signoretti S, Torchilin V, **Goldberg SN**. Radiofrequency ablation combined with liposomal quercetin to increase tumour destruction by modulation of heat shock protein production in a small animal model. *Int J Hyperthermia*. 2011;27(6):527-38.

Zhang L, Bhasin M, Schor-Bardach R, **Wang X**, Collins MP, Panka D, Putheti P, Signoretti S, **Alsop DC**, Libermann T, Atkins MB, Mier JW, **Goldberg SN**, Bhatt RS. Resistance of renal cell carcinoma to sorafenib is mediated by potentially reversible gene expression. *PLoS One*. 2011 Apr 29;6(4):e19144. PMID: PMC3084751.

Zheng X, **Alsop DC**, Schlaug G. Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. *Neuroimage*. 2011 Jun 16. [Epub ahead of print]

RSNA is fast approaching and acceptance letters are sent by July. If you need assistance with your presentations, please contact Donna Wolfe.

Poster Production TIPS:

Poster text (including figure legends and references) should be sent as a **Microsoft word document**. Include the required poster dimensions and any instructions from the conference organizer.

Tables are ok to embed but **Excel graphs or figures** should be sent as original Excel files

Save **mathematical formulae** as a picture file (.jpg)

For optimum image quality:

- Do not embed figures in the word file, send as separate files or burn a CD (1 folder, all figures sequentially labeled Fig 1a, 1b, 2 , etc.)
- Delete all identifying patient information
- Non BIDMC or Harvard logos must be high-res (most logos pulled from the web are only 72 DPI)
- Figures in PowerPoint are discouraged

Contact Donna Wolfe or Michael Larson if you would like to learn how to do any of this.

Tips for Saving Images from PACS

Thanks to B. James Hamilton, RIS Apps Specialist (7-9555)

- Open study within PACS
- Click the Exam Functions drop down menu
- Choose Send
- Click Export Images tab
- Change Method to Email
- Choose format: jpg and tiff are recommended
- Enter a title under Image Prefix (e.g., the clip #)
- Click email icon
- Enter email destination
- Click send

Note that patient information is removed from images received via e-mail EXCEPT for Ultrasound images because patient information is embedded in the images themselves. (Thanks to Dr. Debbie Levine for this clarification)

Contact us:

To submit news, comments, and publications, please email: dwolfe@bidmc.harvard.edu or call 617-754-2515