


Radical Views...
from the Department of Radiology

July 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]	Weekly Thurs Section Meetings: 12:00 - 1:30 Abd [WCC-354] 12:00-1:00 MSK	1 7:30 - 9:00 No Conference
4 July 4th Observance	5 7:30 - 8:15 MRI Artifacts (Dr. Smith) [WCC 250] 8:15 - 9:00 MRI On-call Preparation (Dr. Wei) [WCC 250]	6 7:30 - 9:00 Introduction to GI Fluoroscopy (Dr. Kruskal) [Shapiro 484]	7 7:30 - 9:00 Pharynx (Dr. Tyagi & Colleen Frayne) [Sherman Auditorium]	8 7:30 - 8:15 Introduction to Radiation & Radioactivity (Dr. Palmer) [Sherman Auditorium] 8:15 - 9:00 Interactions of Radiation & Matter (Dr. Palmer) [Sherman Auditorium]
11 7:30 - 9:00 Intro to MSK Radiology (Dr. Wu)	12 7:30 - 8:15 Classic MSK Differentials (Dr. Hochman) 8:15 - 9:00 ED MSK Cases (Dr. Yablon) 10:30-11:30 Nuc Med meeting (GZ-103)	13 7:30 - 8:15 Classic MSK Differentials - Part II (Dr. Hochman) 8:15 - 9:00 Plain Film Cases (Dr. Didolkar) 7:15 - 8:00 US meeting (WCC-304A Gallery)	14 7:30 - 9:00 Arthritis (Dr. Yablon)	15 7:30 - 8:15 ACR Inservice Review
18 7:30 - 8:15 BIRADS (Dr. Slanetz) 8:15 - 9:00 Mammo Audit (Dr. Fein-Zachary)	19 7:30 - 8:15 Screening (Dr. Magaram) 8:15 - 9:00 Diagnostic Work-Up (Dr. Lai) 8:00 - 9:00 IR meeting [West Recovery Rm]	20 7:30 - 8:15 Calcifications (Dr. Slanetz) 8:15 - 9:00 Masses (Dr. Fein-Zachary)	21 7:30 - 8:15 Architectural Distortion/Asymmetry (Dr. Lisa Zorn, BWH) 8:15 - 9:00 Breast Imaging Case Conference \ (Dr. Iuanow)	22 7:30 - 9:00 Breast Imaging - Screening Cases w Aud. Response (Drs. Slanetz and Shaheen)
25 7:30 - 8:15 Ectopic Pregnancy (Dr. Ghosh) 8:15 - 9:00 MRI Physics - Part 1 (Dr. Vinogradov)	26 7:30 - 8:15 Collapses (Dr. Romero) 8:15 - 9:00 Chest Imaging Cases (Dr. Romero) 10:30-11:30 Nuc Med meeting (GZ-103)	27 7:30 - 8:15 Obstetric U/S Cases (Dr. Romero) 8:15 - 9:00 MRI Physics - Part 2 (Dr. Vinogradov)	28 7:30 - 9:00 MRI Physics - Parts 3 & 4 (Dr. Vinogradov)	29 7:30 - 9:00 Professionalism (Dr. Slanetz)

DEPARTMENTAL NEWS, AWARDS & HONORS



FROM THE CHIEF

Jonathan B. Kruskal, MD PhD


Welcome to Radiology Academic Year 2011-2012

As we start another academic year, I would like to welcome our new residents, fellows and faculty, including those of you who are joining us in a new capacity (residents to fellows, fellows to faculty). This issue of Radical Views is full of tips, tricks and reminders that should help us all get along and settle in. Please take a moment to read it through. There is information here that even old-timers might enjoy reviewing!

* In addition to a roster of our incoming residents and fellows, we have also included a roster of ALL of our trainees to tide us over until we receive the larger cardboard posters. *

Farewell Bob Lenkinski

As reported in our last issue, Dr. Lenkinski will be leaving BIDMC for the University of Texas Southwestern Medical Center as Director of Research and CPRIT Scholar in Cancer Research (Cancer Prevention and Research Institute of Texas). There will be a farewell reception for Bob on Friday, July 8 1-2:30 pm in the Leventhal Conference room, TCC. Please stop in and toast our departing Vice Chair for Radiology Research. We wish him the best and look forward to continued collaborations between our two institutions.




Congratulations to Jim Wu on his promotion to Assistant Professor Radiology

(Please see the photos from this year's Fleischner Graduation Dinner where he was presented with official notice!)

Please note that Radical Views will be on hiatus until September 1st as we prepare for the 2011 annual report

Please email our editor, Donna Wolfe, with any notices, corrections, etc: dwolfe@bidmc.harvard.edu



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DEPARTMENTAL NEWS, AWARDS & HONORS

Farewell Ivan Pedrosa

In June, we said good bye to Ivan Pedrosa, Director of Body MRI, who is also following Neil Rofsky to UT Southwestern Medical Center in Dallas. What seemed like hundreds came out to wish him well!



Dr. Pedrosa was presented with a plaque of the Shapiro and West Clinical Center from the Body MR group to remember his time at BIDMC.

We are pleased to announce that Elaine Iuanow is now Breast Imaging Residency Coordinator

Dr. Iuanow will serve as Breast Imaging educational liaison for the residency. She will continue to develop the breast imaging curriculum and provide feedback and guidance to rotating residents.



Resident Research Day 2011

On Monday June 20, Resident Research Day , as part of Education Week at BIDMC, was held in the Shapiro Atrium and Radiology was represented by posters from abdominal imaging fellow Aarti Sekhar, Yiming Gao (now 3rd yr resident) and Saman Hazany (now 4th yr resident).



- Radiology Resident Research Posters:
- Yiming Gao, Karen Lee, Marc Camacho. Utility of Pelvic Ultrasound Following Negative Abdominal and Pelvic CT in the Emergency Room.
- Saman Hazany, Nicholas Telischak, Rivka Colen, Rafeeqe Bhadelia, Roy Riascos, Rafael Rojas. Language Processing in Bilinguals: An fMRI study.
- Aarti Sekhar, Maryellen R. Sun, Bettina Siewert. A tissue phantom model for training residents in ultrasound guided liver biopsy.

From the Rare Sightings Archive: John Underhill, the Birdman of BIDMC



Early in the morning as patients were arriving to the Radiology Care Unit, John Underhill, PA extraordinaire, surprised the staff with an unknown talent.

Arriving as usual with the morning sun, John thought that it was just another Tuesday, filled with consents, workups and phone calls. Needing his morning coffee, he followed his normal routine of checking in with the troops to assess the upcoming day, knowing that they would have his morning brew waiting.

But this day he was not greeted with the smell of java, he was dive bombed by a very confused and frightened bird. The nurses, trying to protect the arriving patients, were dismayed when service response informed them that animal control was only available on Monday, Wednesday and Friday. Unfortunately they would have to tackle this one by themselves.

As Ann Marie Cathcart provided distraction, (asking her patient to be a look out, and to tell her when to duck while she put in his intravenous line), John took matters into his own hands.

After multiple unsuccessful attempts, John recalculated and put a new plan into action. Armed with only a blanket from the warmer, he approached the agile intruder with such stealth and precision that the bird never knew what hit him.

After successfully trapping it in the warm blanket, John and his trusty partner Loretta, made for the back entrance to the building, where they released their dazed nemesis into the open air, never harming a feather.

- Bridget O'Bryan-Alberts, Nursing Mgr.

Hands Up for the Fleischner Graduation Dinner at the Harvard Club

This year's Fleischner Graduation ceremony was held on June 10th at the Harvard Club on Commonwealth Ave, Boston and was a winner hands down!

Congratulations to the 2011 graduating class and the recipients of our departmental awards! Photos of this event are available for viewing and downloading via a website from Michael Larson in our Media Lab (4-2510).



Abdominal imaging chief Bettina Siewert began the evening with animation.



Thoracic Imaging staff, Sven Paulin and Diana Litmanovich offer a hand at this year's Fleischner event.



Ultrasonologist Colin McArdle demonstrates his disco dance moves.

Graduating abd fellows Aarti Sarkar and Jay Pahade, and graduating resident Rich Rana demonstrate their ability to grasp their futures.



This year, Ferris Hall (center) gives the victory sign to special guests: Brook Longmaid (left) and Herbert Gramm (right), NEDH staff alumni.



Likewise, Jonny Kruskal and Bob Kane welcome special guest, Frank Bradley (center), another former NEDH staff alumnus.



(From L to R) Sadhna Nandwana, Monica Agarwal, Elizabeth Asch, Gunjan Senapati, Aarti Sarkar, Pauline Bishop and Samir Shah demonstrate their hands on approach to celebrating the end of the 2011 academic year.



From L to R: Dr. Kruskal and 2011 current Chief Residents, **Sachin Pandey** and **Adam Jeffers** stand tall with Fellow(s) of the Year **Madan Reddy** (VIR) and **Ted Brewer** (Neuro).



Dr. Kruskal congratulates body MR fellow **Olga Brook** on winning both the Fleischner Young Investigator and the RSNA Resident Research Awards. Dr. Brook will remain at BIDMC as a fellow in vascular & interventional radiology beginning July 1, 2011.



Once again Excellence in Medical Student Teaching by Faculty Awards were given to **Paul Spirn**, **Colin McArdle**, and **Gillian Lieberman** (not pictured).



Dr. Kruskal stands tall with the winners of the Excellence in Medical Student Teaching Awards: (l to R) Body MR fellow **Peter Beddy** and residents **James Knutson** and **Mai-Lan Ho**. The best medical student teaching by a fellow is a new category for 2011.



Rich Rana won the Andrww Berezin award for "outstanding clinical mentoring skills toward their fellow residents."



Section of the Year: **Emergency Radiology**



Dr. Kruskal bestowed the Robert E. Lenkinski Excellence in Academic Mentoring Award to **Robert Kane** and **Deborah Levine**, co-chiefs of Ultrasound.



(Above) This year **Gul Moonis** (Neuroradiology) received the best teacher award which was renamed in honor of Ferris Hall: **Ferris Hall Faculty Award for Excellence in Teaching** and (below) **Maryellen Sun** (Abdominal Imaging/MRI) received the Norman Joffe Award, also named for a distinguished BIDMC radiologist.



The 2nd annual Triple Threat Award for Excellence in Clinical Research and Educational Achievement was presented to **Bettina Siewert** (Chief, Abdominal Imaging).



In addition to receiving a fine send off from chief residents Adam Jeffers and Sachin Pandey (see pg 6), outgoing Radiology Residency Program Director **Jim Wu** was also given official notice of his HMS promotion!





Congratulations to the Radiology Residents' Class of 2011



L to R: Dr. Kruskal, Maria Barile, Prachey Dubey, James Kang, Sadhna Nandwana, Alice Lee, Rich Rana, Julia Rissmiller, Cathy Wells, Saman Hazany and Jim Wu.

Alumni News

The Class of 2011 - New postings

RESIDENTS

Maria Barile, MD – Pediatric Radiology Fellow), Children's Hospital, Boston

Prachi Dubey, MD MPH – Radiology Attending, Yale

Saman Hazany, MD – Neuroradiology Fellow, USC

James Kang, MD - Neuroradiology Fellow, Stanford University

Alice Gar Min Lee, MD – IR Fellow, MGH

Sadhna Bhawan Nandwana, MD – Body Imaging Fellow, Emory University School of Medicine, Atlanta, GA

Rich S. Rana, MD – IR Fellow, MGH

Julia Rissmiller, MD - Pediatric Radiology Fellow, Childrens Hospital, Boston

Catherine Wells, MD PhD – Breast Imaging Fellow, MGH



FELLOWS

Peter Beddy, MD (Body MR) – St. James Hospital, Dublin, Ireland

Ian M. Brennan MD (VIR) – Abd Fellow, BIDMC

Edward S. Brewer, MD (Neuro) – Private practice, Kittery, Maine

Olga R. Brook, MD (Body MR) – VIR Fellow, BIDMC

Daniel B. Case, MD (Neuro) – INR Fellow, Emory University School of Medicine, Atlanta, GA

Corey A. Couto, MD (Abd) – Private Practice, Spectrum Medical Group, Portland, ME

Catherine Dewhurst, MB BCH BAO, BMedSc, FFRRCSI (Abd) – Body MR Fellow, BIDMC

Diana M. Ferris, MD, PhD, MSc (Br Imaging) – Private Practice, Jefferson Radiology, CT

Erica T. Ghosh, MD (Women's Imaging) – Attending (Women's Imaging), BIDMC

Jaskiran K. Grewal, MD (Women's Imaging) – Attending, California

Gaurav Jindal, MD (VIR) – Neuro Fellow, BIDMC

Faisal Khosa, MD, FFRRCSI, FRCPC (Neuro) – Attending (Body/ER), Emory University School of Medicine, Atlanta, GA

Yulia Melenevsky, MD (MSK) – Attending (MSK), Medical College of Georgia, Augusta, GA

Jennifer Ní Mhuircheartaigh, MB BCH BAO, FFRRCSI (Abd) – Body MR Fellow, BIDMC

Jay K. Pahade, MD (Abd) – Attending (Abd), Yale School of Medicine, New Haven, CT

Payal Patel, MD (Abd) - Undecided

Khashayar Rafat Zand, MD, FRCPC (Body MR) - Adjunct Professor, McGill University Health Center, Montreal, Canada

Ramesh Ramachandran, MBBS, MRCP, FRCR (Neuro) - Consultant Neuroradiologist, Portsmouth Hospital NHS Trust, UK

Madan M. G. Reddy, MD (Adv VIR) – Orthopedic Fellow, Tria Hospital, Minneapolis

Carole Ann Ridge, FFRRCSI (Thoracic Imaging) – Body Imaging Fellow, Memorial Sloan Kettering, NY, NY

Aarti Sekhar, MD (Abd) – Attending (Abd), Emory University School of Medicine, Atlanta, GA

Raja Shaikh, MD (VIR) – Interventional Pediatrics Fellow, Childrens Hospital, Boston

Daniel S. Siegal, MD (MSK) – Attending, Henry Ford Hospital, Detroit, MI

Gethin Williams, MD PhD (VIR) – Attending (IR/Nuc Med), Emory University School of Medicine, Atlanta, GA

Please stay in touch by leaving a forwarding e-mail address with Andrea Baxter (abaxter@bidmc.harvard.edu).

We would like to see you all at RSNA this winter and you wouldn't want to miss receiving Radical Views every month!



Jacob Sosna?

I'm truly thrilled and proud to share the very exciting news that **Jacob Sosna**, our abdominal imaging fellow from 2001-3 has been appointed as Chairman of the Department of Radiology at Hadassah Hebrew University in Jerusalem. Jacob was an outstanding and super-productive fellow and through ongoing collaborative research efforts has maintained his close ties to our department. Jacob has continued on his trajectory ever since leaving us and for the past many years has successfully run their CT and image processing divisions. He saw the quality light many years ago and has lead (and published) many successful performance projects. Jacob is not the only BIDMC alumnus at Hadassah: **Nahum Goldberg**, former head of our tumor ablation lab who is now helping out with Harrington overnights reads (!), and **Liat Appelbaum**, one of our former abdominal fellows, now run the RF ablation service at Hadassah. I know that Jacob is extremely excited about this new opportunity and together we will work to foster even closer links between us. Please join me in congratulating Jacob on this prestigious and well-deserved appointment!

– Jonny

BIDMC Radiology

Code of Conduct

Our department is committed to leadership in the delivery of patient care through technical and clinical expertise in medical imaging. To be the best at what we do, we must hold ourselves to the highest standards. We have set the following values and expectations for ourselves in order to create the best working environment. By sharing these common goals we can build successful teams and a strong community that values safety, openness and respect for personal privacy and confidentiality.

Embrace the following values

- Honesty
- Integrity
- Trust
- Empathy
- Tolerance
- Compassion
- Equity

At BIDMC Radiology, we expect all staff (Medical Center and HMFP) to exhibit the highest levels of professional demeanor and personal responsibility.

Exhibit Professionalism

- Be on time and fully engaged for meetings or lectures
- Show respect to patients and staff alike
- Give all stakeholders a voice
- Foster teamwork and be a good teammate
- Demonstrate a positive attitude and clean neat presentation in both dress and speech
- Seek to build a safe and supportive environment for a strong sense of community

Take Personal Responsibility

- Make patient care your number one priority
- Maintain the pursuit of excellence through continuous education, training, and professional certification
- Take a proactive, not reactive, approach
- Take the initiative and lead by example
- Provide a safe environment for all employees, free from bullying or coercion

Be Accountable

All Radiology employees must be accountable for their actions and empowered to hold others to the same standards. Accountability is evidenced by:

- Taking ownership of your work
- Following through on commitments
- Complying with all applicable policies and guidelines
- Making it safe and comfortable for employees to report problems or issues

Always Joint Commission Ready

Did you know?

TJC Sentinel Event Alert #45 - Preventing violence in the health care setting

Periodically The Joint Commission issues Sentinel Event Alerts with particular focus and recommendations for hospitals.

A new Joint Commission Sentinel Event Alert warns that health care facilities today are being confronted with steadily increasing rates of crime, including assault, rape and murder. The Alert urges greater attention to the issue of violence and to controlling access to facilities to protect patients, staff and visitors, noting that assault, rape and homicide are consistently in the top 10 types of serious events reported to The Joint Commission.

It is not uncommon for surveyors to bring up the topics during the onsite surveys and inquire about how we use such information during continuous process improvements and/or periodic assessments and corrections to our systems, resources, policies, procedures, training, etc... this being the alert closest to the anticipated arrival, it is most probable this will be on the minds of many surveyors.

What should you know:

The Medical Center has a zero tolerance policy for unprofessional behavior: including intimidating and disruptive behaviors; aggressive and passive aggressive behaviors; and violence or threats of violence in our workplace. Zero tolerance for unprofessional behavior means that there is no excuse or justification for an employee to engage in any conduct in the workplace that violates this policy.

See policy PM-06 Violence Prevention and Reporting for further details.

It is each employee's responsibility to immediately report any situation that violates this policy or that could result in harm to anyone in the workplace. Employees shall immediately report such situations to their manager, Human Resources and Public Safety.

- For life threatening situations on or off campus where violence is in progress, contact Public Safety 617-632-9111 and request emergency assistance. Off campus call 911 and request police assistance.
- For all other threatening situations where violence is not in progress, contact Human Resources and Public Safety Employee Relations (617-632-9400)
- In an emergency you can call 2-1212 a code gray "security emergency"

Residents - 1st Yrs



Michael Acord, MD [93718]
MD, Georgetown University School of Medicine
Internship, Internal Medicine, Georgetown University Medical Center, Washington, DC



Edward Ahn, MD [93719]
MD, *cum laude*, University of Maryland School of Medicine, Baltimore, MD
Internship, Transitional Medicine, Lehigh Valley Health Network, Allentown, PA



Rashmi Jayadevan, MD [93720]
MD, Albany Medical College, Albany, NY
MBA, Health Systems Administration, Union Graduate College
Internship, Internal Medicine, Winthrop University Hospital, Mineola, NY



William (Bill) E. Kim, MD PhD [93721]
MD, Jefferson Medical College, Philadelphia, PA
PhD (ABD), Biomedical Engineering, Brown University
MS, Electrical Engineering, Brown University, Providence, RI
Internship, Internal Medicine, Caritas Hospital, Dorchester, MA



Annie Leylek, MD [93722]
MD, *with distinction*, Medical University of South Carolina, Charleston, SC
Internship, Transitional, Lehigh Valley Health Network, Allentown, PA



Mark Masciocchi, MD [93723]
MD, Pennsylvania State University College of Medicine, Hershey, PA
Internship, Transitional, Reading Hospital and Medical Center, Reading, PA



Sahil Mehta, MD [93724]
MD, University of Chicago Pritzker School of Medicine, Chicago, IL
Internship, Transitional, Memorial Sloan Kettering Cancer Center, NY, NY



Javier Perez-Rodriguez, MD [93725]
MD, Johns Hopkins School of Medicine, Baltimore, MD
Internship, Internal Medicine, Mount Auburn Hospital, Cambridge, MA



Tonguc Pinar, MD [93726]
MD, Harvard/MIT HST, Harvard Medical School
Internship, Transitional, Cambridge Health Alliance, Cambridge, MA



Patrick Redmond, MD [93727]
MD, *magna cum laude*, University School of Medicine, Boston, MA
Internship, Medicine, Steward Carney Hospital, Dorchester, MA



Catherine (Kate) M. Troy, MD [34767]
MD, Medical College of Wisconsin, Milwaukee, WI
Residency, Internal Medicine, BIDMC, Boston, MA

Clinical Fellows - *Specialty* [pager]



Ian Brennan, MD - Abd [94347]
MD (*MB BCh BAO, BMedSc*), University College, Dublin, IR
Internship, Internal Medicine/Surgery, St. Vincent's University Hospital, Dublin; Residency, Surgery, Cork University Hospital Radiology Residency, St. James Hospital, Dublin
Fellowship: VIR, BIDMC



Harald Brodoefel, MD - Neuro [93728]
MD, Albert-Ludwigs-University of Freiburg, Germany
Residency, University of Tuebingen, Germany
Fellowship, CT Research, BIDMC, Boston, MA



Olga Brook, MD - VIR [90861]
MD *cum laude*, Bruce Rappaport Faculty of Medicine, Technion Israel Institute of Technology, Haifa, Israel
Internship & Residency, Rambam Medical Center, Haifa, Israel
Fellowship: Abd imaging, Body MR, BIDMC

coming soon

Michelle A. Browne, MD, MMedSc - Abd [93729]
MD, MMedSc, National University of Ireland, Galway, Ireland
Residencies, Radiology - University College Hospital, Galway
Pediatric Radiology - Our Lady's Children's Hospital, Crumlin, Dublin



Reema Chaudhary, MD - Neuro [93730]
MD, Seth G.S. Medical College and King Edward VII Memorial Hospital, Mumbai, India
Residency, King Edward VII Memorial Hospital, Mumbai, India



Carolynn DeBenedectis, MD - Women's Imaging [93731]
MD, Georgetown University School of Medicine
Washington, DC
Internship, Prelim Medicine, St. Vincent Hospital, Worcester, MA
Residency, Rhode Island Hospital, Providence, RI



Catherine Dewhurst, MD - Body MR [94351]
MD (*MB BCh BAO BMedSc with Honours*), University College, Cork, IR. Internship, Medicine and Surgery, Cork University Hospital; Residencies in Surgery and Radiology, Mercy University Hospital/Cork University Hospital



Liran Domachevsky, MD - Abd [93732]
MD, Hadassah Medical School, The Hebrew School of Jerusalem
Internship, Tel Aviv Medical Center, Tel Aviv, Israel
Residency, Carmel Medical Center, Haifa
(*Diving & Hyperbaric Physician, Israel Naval Medical Institute*)



Valerie Drnovsek, MD PhD - VIR [93733]
MD (*summa cum laude*), PhD, University of Zagreb School of Medicine, Zagreb, Croatia
Residency, University of South Alabama, Mobile, AL / Louisiana State University (LSU), New Orleans, LA
Fellowship, Neuroradiology, LSU, New Orleans, LA
CAQ, Neuroradiology



Lisa Fortin, MD - Abd [93734]
MD, Wayne State University School of Medicine, Detroit, MI
Residency, Henry Ford Hospital, Detroit, MI

coming soon

Elize Gershater, MD, MPH - MSK [93735]
MD, McGill University Faculty of Medicine
Montreal QC, Canada
MPH, Johns Hopkins School of Public Health, Baltimore, MD
Residencies, Radiology - Sunnybrook Hospital & University Health Network, Toronto, ON, Canada / Family Medicine - McMaster University, Hamilton, ON, Canada

Clinical Fellows (cont'd)



Gaurav Jindal, MD - Neuro [94360]
MD (MBBS), Maulana Azad Medical College, New Delhi, India
Internship, Lok Nayak Hospital, New Delhi, India
Residency, Radiology, Sardar Patel Medical Center, Bikaner, Rajasthan
Fellowship, VIR, BIDMC



Naveen Kulkarni, MD - Thoracic [93736]
MD, Kasturba Medical College, Mangalore, India
Internship & Residency, Kasturba Medical College, Mangalore, India
Fellowship, Abominal Imaging & Intervention Research, MGH



Jennifer Ní Mhuirheartaigh, MD, M Med Sci - Body MR [94354]
MD, MMed Sci, College of Medicine, National University of Ireland, Galway, IR. Internship, Medicine/Surgery; Residencies in General Surgery and Radiology, University College Hospital and Mayo General Hospital, Galway.
Fellowship, Abd, BIDMC



Senthil Palaniappun, MD - VIR [93737]
MD, Madras Medical College & Research Institute, Madras, India
Internship, Preliminary Medicine, Sisters of Charity Hospital, Buffalo, NY
Residency, SUNY / University at Buffalo, Buffalo, NY / BIDMC, Boston, MA



Gustavo Pantol, MD - Neuro [93738]
MD, National University of Cuyo, Mendoza, Argentina
Internship, Surgery, Montefiore Hospital, Albert Einstein College of Medicine, NY, NY
Residency, Mount Sinai Medical Center, Miami, FL



Amee A. Patel, MD - Women's Imaging [93739]
MD, Georgetown University School of Medicine
Internship, Internal Medicine, Georgetown University Hospital, Washington, DC
Residency, University of Maryland Medical Center, Baltimore, MD



Jay P. Patel, MD - MSK [93740]
MD, University of Miami School of Medicine, Miami, FL
Internship, Transitional, MetroWest Medical Center, Framingham, MA
Residency, Emory University, Atlanta, GA



Jordana Phillips, MD - Br Imaging [93741]
MD, University at Buffalo School of Medicine and Biomedical Sciences, Buffalo, NY
Internship, Internal Medicine, Alber Einstein Medical Center, Philadelphia, PA
Residency, St. Luke's - Roosevelt Hospital Center, NY, NY

Balasubramanya Rangaswamy, MD - Abd [33266]
MD, Bangalore Medical College, Bangalore India
Internship, Medicine & Surgery, Bangalore Medical College and Allied Hospitals
Residencies, Dx Radiology - Shands Hospital, Jacksonville, FL
Nuclear Medicine - Mount Sinai Medical Center, NY, NY
Research Fellowship, Medical Physics and Biophysics, All India Institute of Medical Sciences, New Delhi India

coming soon



Laxmi (Abhishek) Thummalakunta, MD, MPH -VIR [93742]
MD, Sri Ramachandra Medical College & Research Institute, Chennai, India.
MPH, Epidemiology Professional Track, Saint Louis University, St. Louis, MO
Residency, Radiology - Kamineni Institute of Medical Sciences/ Care Institute of Medical Sciences, Hyderabad, India
Internal Medicine, St. Luke's Hospital, St. Louis, MO
Fellowship, Clinical research in hepatology, Albert Enstein Medical Center, Philadelphia, PA

New Staff



Erica Ghosh - Women's Imaging
MD, Case Western Reserve University School of Medicine, Cleveland, OH
Internship, Medicine, Roger Williams Medical Center, Providence, RI
Residency, Baystate Medical Center (Tufts), Springfield, MA
Fellowship, Women's Imaging, BIDMC



Jeff Velez - VIR [per diem]
MD, Harvard Medical School
MS, BS, Nutritional Science, University of Connecticut, Storrs, CT
Fellowship, VIR, BIDMC

coming soon

Jill Reinherz - VIR [per diem]
MD, UMASS Medical School
Residency, The Mount Sinai Hospital, NY, NY

Do you know... about two resources that will make your academic life easier?

Radiology Media Lab & Medical Editor Services

The **Radiology Media Lab** is located on the West Campus (WCC-305). **Michael Larson** is responsible for the media lab resources: 2 wide-format poster printers, 2 flatbed scanners, a 35mm-slide scanner, and two loaner laptop PCs. Radiology faculty, staff and administrative assistants can request appointments for using (or learning to use) the equipment. Michael also provides general photography and digital image editing support, and training in the basic use of media materials in Microsoft Office, e.g., using and manipulating media files in Word documents and PowerPoint presentations. Call Michael at 4-2510.

EDITING/DESIGN

The services of a full-time Medical Editor are available to Radiology Faculty, Staff and Trainees. Located next to the Media Lab in WCC-304B, **Donna Wolfe** (4-2515), assists in editing, writing, proofreading and preparation/assembly/ submission of:

[Manuscripts \(max. 5-day turnaround\) - text and figures](#)
[Scientific presentations - text, slides, posters, e-posters](#)
[Grant submissions / IRB applications](#)
[Harvard Promotion materials / Harvard CV preparation](#)
[Brochures, Booklets, Program Guides, Posters, and Banners.](#)

EVENTS/PROJECTS

Supported by the Media Lab, as well as an outside print service bureau, Donna is also responsible for many timely projects. Please contact her with updates, changes, or corrections regarding:

[Award Certificates/Graduation Diplomas](#)
[BIDMC Web updates - Faculty Pages/Clinical Content](#)
[Radical Views Monthly Newsletters](#)
[Radiology Departmental Annual Report](#)
[Radiology Faculty and Trainee/Personnel ID Posters](#)
[RSNA/ISMRM Program Guides \(BI participation\)](#)

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BIDMC Radiology 2011 (Interim Roster July 5, 2011)

Residents

1st Years (11)



Michael Acord, MD
ID# 93718



Edward Ahn, MD
ID# 93719



Rashmi Jayadevan, MD
ID# 93720



William (Bill) E. Kim, MD
ID# 93721



Annie Leylek, MD
ID# 93722



Mark Masciocchi, MD
ID# 93723



Sahil Mehta, MD
ID# 93724



Javier Perez-Rodriguez, MD
ID# 93725



Tonguc Pinar, MD
ID# 93726



Patrick Redmond, MD
ID# 93727



Katherine (Kate) Troy, MD
ID# 34767

2nd Years (9)



Monica Agarwal, MD
ID# 90900



Elizabeth Asch, MD
ID# 94337



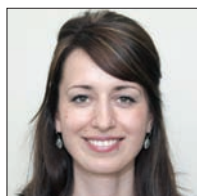
Mark Ashkan, MD
ID# 94338



Seth Berkowitz, MD
ID# 94339



Pauline M. Bishop, MD
ID# 94342



Tamuna Chadashvili,
MD, PhD
ID# 94340



David Glazier, MD
ID# 94341



Gunjan M. Senapati, MD
ID# 94343



Samir H. Shah, MD
ID# 94344

3rd Years (10)



Yiming Gao, MD
ID# 90851



Mai-Lan Ho, MD
ID# 90853



Krithica Kaliannan, MD
ID# 90854



James Knutson, MD,
ID# 90855



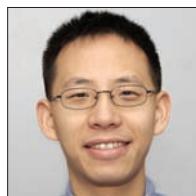
Johannes Roedl, MD
ID# 90856



Ammar Sarwar, MD
ID# 90857



Nicholas Telischak, MD
ID# 94492



Leo Tsai, MD, PhD, MSc
ID# 90858



Behroze Vachha, MD, PhD
ID# 90859



Omar Zurkiya, MD, PhD
ID# 90860

4th Years (8)



Jean-Marc Gauguet, MD,
PhD
ID# 34691



Erica Gupta, MD
ID# 34692



Adam Jeffers, MD*
ID# 34693



David Li, MD, PhD
ID# 34694



Sachin Pandey, MD*
ID# 34696



Iva Petkovska, MD
ID# 34697



Jennifer Son, MD
ID# 34698



Ernest Yeh, MD, PhD
ID# 34699

*Chief Residents
Jan 2011-Dec 2011

Clinical Fellows



Ian Brennan, MD
Abd
ID# 94347



Harald Brodoefel, MD
Neuro
ID# 93728



Olga Brook, MD
VIR
ID# 90861

coming soon

Michelle Browne, MD
Abd
ID# 93729



Reema Chaudhary,
MD
Neuro
ID# 93730



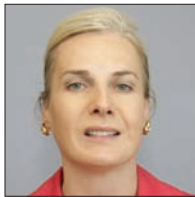
Carolynn
DeBenedictis, MD
Women's Imaging
ID# 93731



Catherine Dewhurst,
MD
Body MR
ID# 94351



Liran Domachevsky,
MD
Abd
ID# 93732



Valerie Drnovsek, MD
VIR
ID# 93733



Lisa Fortin, MD
Abd
ID# 93734

coming soon

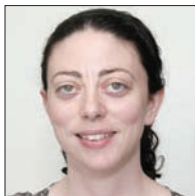
Elize Gershater, MD
MSK
ID# 93735



Gaurav Jindal, MD
Neuro
ID# 94360



Naveen Kulkarni, MD
Thoracic
ID# 93736



Jennifer Ni
Mhuircheartaigh, MD,
M Med Sci
Body MR
ID# 94354



Senthil Palaniappun,
MD
VIR
ID# 93737



Gustavo Pantol, MD
Neuro
ID# 93738



Ameer Patel, MD
Women's Imaging
ID# 93739



Jay Patel, MD
MSK
ID# 93740



Jordana Phillips, MD
Br Imaging
ID# 93741

coming soon

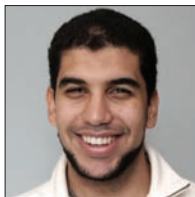
Balasubramanya
Rangaswamy, MD
Abd
ID# 33266



Laxmi
Thummalakunta, MD
VIR
ID# 93742



Atif Khan, MD
Cardiovascular CT
ID# 30598 (7-2535)



Marwan Moussa, MD
Minimally Invasive
Tumor Therapy Lab
ID# 7-0604



Gopal Varma, PhD
MRI Research
ID# 7-0281

Research Fellows

Clinical Fellows by section:

Abdominal Imaging (Abd) - Brennan, Browne, Domachevsky, Fortin,
Rangaswamy
Breast Imaging (Br Imaging) - Phillips
Musculoskeletal Imaging (MSK) - Gershater, Patel
Body MR - Dewhurst, Ni Mhuircheartaigh

Neuroradiology (Neuro) - Brodoefel, Chaudhary, Jindal, Pantol
Thoracic Imaging - Kulkarni
Vascular & Interventional Radiology (VIR) - Brook, Drnovsek,
Palaniappun, Thummalakunta
Women's Imaging - DeBenedictis, Patel

Radiology Celebrates Image Archive Week

Each year, Radiology celebrates the accomplishments of, as well as the appreciation for, many of the various Radiology Modalities or sections throughout the department. *During the week of June 20, 2011, the Radiology Department recognized the many contributions that the **Radiology Image Archive Section** has made to the Radiology Department and to the Beth Israel Deaconess Medical Center as well.* Each day during this 1st annual week long event, the various areas throughout our department contributed goodies such as breakfast, lunch, desserts, etc., to show their appreciation for all of the hard work that this area produces throughout the year. The Image Archive staff truly touches each and every area of the Radiology department in some form or fashion, and it was a well-deserved celebration of their efforts. Many thanks to the day, evening and weekend crew of the Image Archive Department for all of their hard work, and to the department for recognizing their accomplishments!

– Jim Brophy, Radiology PACS/Informatics Manager



Radiology Film Archivists (L to R): Maryann Michalik, Norma Estwick, Diane Diggs, Anika Manigo, Jim Brophy, Walkiria Kirkconnell, Keegan Scott, Vilma Aponte, Susan Nelson and Farhiya Omar.



Radiology Film Archivists - Evening Crew (L to R): Carol McCann, Natalee Frazer and Thomas Konieczka



Nursing



Taking on a newly created role in the Radiology, **Misti Mullins** has shown true professionalism. She has built strong relationships with those in other departments, and viewed no task below her when assistance is needed. She works hard and can be counted on to complete a job with high quality. She has taken ownership in her newly created Quality RN position and handles difficult encounters with ease.



Kim Antonellis (née Downes) has been asked to take on the preceptor role for a number of new hires. She has done an excellent job in less than ideal circumstances (short staffing). Her attention to detail and thoughtfulness has been appreciated and commended by new employees under her watch. She also took on new responsibilities in the Modality section during the past year, stepping up to the plate when needed and expanding her expertise in Radiological Nursing.



Mary Ryan has been extremely flexible and accommodating to the needs of the Unit. She has been precepting new hires for INR, filling the Resource Role, staffing whatever area has a need at the time, switching her schedule to cover LOAs and illness... essentially doing whatever needs to be done. This has all been with a positive attitude and quality patient care.

CT

Vin Vitale, Michael Jones, Patty Peters, Rich Monroe, and Christina Bognot for their collective efforts in creating an environment that fosters team work and excellent patient care as highlighted by a recent patient letter.



Vin Vitale



Michael Jones



Patty Peters



Rich Monroe



Christina Bognot

We also received the following letter

This note that the patient took time to compose really speaks to the whole department of Radiology. At each point of interaction with different disciplines she was treated with respect and compassion. The simplest of things translated into a very positive experience. For a patient to have entered our department and had a continual flow of professional patient focused caregivers at every level, speaks very highly of our culture and the people who make this department what it is. In the words of this particular patient..."You make a difference."
- Bridget O'Bryan-Alberts, Nursing Mgr.

To All of the Great Team:

Monday, May 23, 2011, was a very scary day for me coming in to BID to have a core biopsy. My experience with hospitals has been limited, ie: I had my daughter in one 23 years ago. I wanted to keep it that way- limited. But a suspicious mass in my lung requires attention, so, I'm doing what I need to.

From the moment I was gently ushered into the 'unit' I felt more at ease. Throughout the morning and afternoon stay I was treated with kindness, respect and a delightful amount of humor.

The team of masterful nurses, transport professionals, CT professionals and office folk made this stressful time less stressful. The nurses **Mel Gallagher**, and her counterparts in the unit I spent most of my time in, were a wonderful tag team who made me comfortable even while having needles inserted for when I would need anesthesia. I am amazed even now, because there are no marks where the needle was inserted, and taped. My frequent and painful coughing fits were worked around seamlessly and with compassion. My transport professional whisked me to CT and biopsy and he was willing and able to allow me and to support me in my 'pretend' that we were sailing, and that the surf spray was refreshing. (Fantasy can help ease some fears.) While 'on hold' for a short few moments, outside the CT room, a gentle soul asked if I wanted another blanket. I answered "I'm fine, except my feet are freezing." He rubbed my feet between his hands and the blanket that was covering them. "WOW", small things really make a difference.

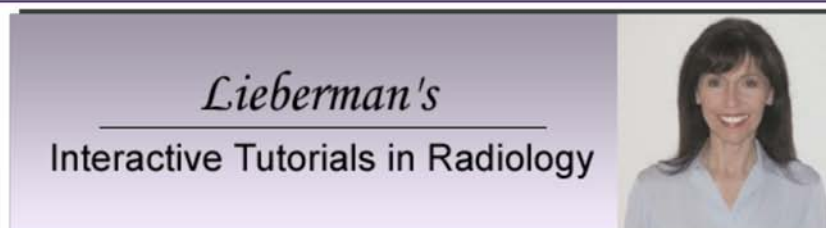
The radiology team kept me comfortable, and heard my "I'm sensitive to medication". The nurse in the radiology area was delightful, and took great care of me. The fellow who took the biopsy was masterful in her efficient and compassionate harvesting. I lay on my back as she contorted to achieve her goal, while I could be comfortable.

Recovery? More of the wonderful same. Delightful, efficient, compassionate.

Have I managed to express how grateful I am for the wonderful people I met on Monday the 23'd when I was in pain from coughing, scared of the unknown and treated so compassionately? Thank all of you. You make a difference.

Yours,
- Name withheld to preserve patient confidentiality

A new interactive tutorial has recently uploaded onto ***Lieberman's eRadiology***, Dr. Lieberman's extensive web-based Radiology teaching website:



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These tutorials teach medical students and residents basic and more advanced Radiologic imaging including CT, US, MRI and Nuclear Medicine. Anatomy, the current menu of Radiologic tests utilized, a detailed approach to evaluating images, and the typical Radiologic presentation of common abnormalities are emphasized. The tutorials are voiced over and the answers to questions are formally tracked so that the user can assess his or her own progress. To view related teaching materials, please see radiology.harvard.bidmc.edu.

The Abdomen

1. The Abdominal Plain Film [Sound] 90 minutes
2. The Tubular GI Tract: Esophagus [Sound] 80 minutes
3. The Tubular GI Tract: The Stomach and Duodenum [Sound] 75 minutes
4. The Tubular GI Tract: Small and Large Bowel [Sound] 100 minutes
5. The Gallbladder & Biliary Tract [Sound] 90 minutes
6. The Kidneys & Ureters [Sound] 110 minutes
7. The Liver [Sound] 95 minutes
8. The Pancreas [Sound] 75 minutes
9. The Spleen [Sound] 75 minutes

New!

~~The Chest~~

1. Systematic Approach to Evaluating Chest X-Rays [Sound] 75 minutes
2. Chest Infection: Part 1 [Sound] 50 minutes
3. Chest Infection: Part 2 [Sound] 60 minutes
4. Lobar Consolidation and Lobar Collapse: Tutorial and Quiz [Sound] 35 minutes
5. Aberrant Air in the Chest [Sound] 55 minutes
6. Mediastinum: Part 1 [Sound] 60 minutes
7. Mediastinum: Part 2 [Sound] 75 minutes

Musculoskeletal

1. Systematic Approach to Evaluating Musculoskeletal Images [Sound] 75 minutes
2. Arthritis: Part 1 [Sound] 90 minutes
3. Arthritis: Part 2 [Sound] 60 minutes

Head & Neck

- ## 1. Lesion Localizer: Interfacing Clinical Neurology with Radiology [No Sound]

Notes

- These are very large files requiring a fast Internet connection. Please allow 1 - 10 minutes for the file to download.
- The Flash Player is necessary. If it is not already on your computer, you can download it for free at <http://www.adobe.com/shockwave/download/index.cgi?P>

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. PMID: PMC3081138.

Akcakeya 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.

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, 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.

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.

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

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.

Chappelow 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. PMID: 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**, Guttmann 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.

[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/ASE/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.

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.

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. ACRI 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.

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.

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.

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

[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. PMID: 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](#), [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, [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.

[Li Y](#), [Sansgiri 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.

[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](#), [Flechslenhar 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.

[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*. 2011 Mar 8;76(10):933-4.

[Pritchett Y](#), [Jemiai Y](#), [Chang Y](#), [Bhan I](#), [Agarwal R](#), [Zoccali C](#), [Wanner C](#), [Lloyd-Jones D](#), [Cannata-Andia JB](#), [Thompson T](#), [Appelbaum E](#), [Audhya P](#), [Andress 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.

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

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

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, 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.

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.

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.

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]

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