



The Radiology Reporter

November 2010

Vol 2 Issue 9

From the Desk of the Chair

While driving to work the other day, I listened to John Lennon’s “Imagine” on the radio. I’d not heard it in a long time, and it brought back memories of other times. Some of the lyrics resonated with me, and I imagined how they apply to UK Radiology.

You may say that I’m a dreamer
But I’m not the only one
I hope someday you’ll join us
And the Department [world] will live as one.



As a cohesive group of healthcare professionals dispersed at multiple campus sites, we are a powerful force that can do great things for UK and Kentucky. We use our imaginations every day and imagine how our images and procedures can help patients and those who care for them. Please keep this idea in mind as you go about your daily work.

Let me know what you think ...

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Radiology is SCRUMptious!

By: Jason Rexroad, MD

Dr. Rexroad, Division Chief of Emergency and Trauma Radiology, presented the results of a study titled “Limiting use of enteric contrast for abdominal CT studies: Effect on median emergency department CT turnaround time and perceived exam quality” at the Office of Enterprise Quality and Safety’s monthly SCRUM meeting on October 20th at noon.



SCRUM, or “scrummage,” is a term taken from the game of rugby, defined in the Merriam-Webster dictionary as “a rugby play in which the forwards of each side come together in a tight formation and struggle to gain possession of the ball using their feet when it is tossed in among them.” What does this have to do with Dr. Rexroad’s presentation? Nothing. However, the term, as applied in the context of the quality and safety meeting, refers to a short presentation in which intellectual wrestling and teamwork are encouraged via a lively open forum format and audience discussion. Vegetables and fruit were supplied.

Dr. Rexroad, as SCRUM master for the October meeting, presented the results of a project which showed that limiting the use of oral contrast material for emergency department CT examinations of the abdomen and pelvis significantly decreased median exam turnaround time, without a coincident adverse effect on the radiologist’s perceived exam quality in the vast majority (99%) of patients. This project, authored by Dr. Rexroad, Dr. Brad Wells, and CT manager Karsten Colwell, will be presented as a quality storyboard poster presentation in November at the 2010 RSNA annual meeting in Chicago.

Annual Faculty and Residents Group Picture 2010



LtoR - Seated: Dr. Jason Rexroad, Dr. Scott Stevens, Dr. Calixto Pulmano, Dr. Mike Brooks, Dr. Arthur Lieber, Dr. M. Elizabeth Oates, Dr. Partha Sinha, Dr. Dave Nickels, Dr. Martha Maier, Dr. Patrizio Capasso, Dr. Richard Gibbs

Second Row: Dr. Marianna Zagurovskaya, Dr. Jennifer True, Dr. Andrew Koerber, Dr. Bradley Wells, Dr. Matthew Maxwell, Dr. Tanmay Patel, Dr. Miguel "Alex" Pereira, Dr. Gaby Gabriel, Dr. Xuan Nguyen, Dr. Numukunda Darboe, Dr. Aaron Bress, Dr. Halemane Ganesh

Third Row: Dr. Joseph King, Dr. Harigovinda Challa, Dr. Bryan Hamon, Dr. Justin Montgomery, Dr. Andersen Grigg, Dr. Josh Gibson, Dr. Andrew Fried, Dr. Nate Simmons, Dr. Joseph Payne, Dr. Gary Conrad

Faculty Not Pictured:

Dr. Hicham Abada, Dr. Abdunnasser Alhajeri, Dr. Anil Attili, Dr. Andres Ayoob, Dr. Gustav Blomquist, Dr. Adrian Dawkins, Dr. Jay Thacker, Dr. Steven Goldstein, Dr. Tatum Johnson, Dr. June Kim, Dr. Fang Loh, Dr. Alan Oestreich, Dr. Michael Winkler, Dr. James Wise

Residents Not Pictured:

Dr. Adam Bryant, Dr. Brian Harshman, Dr. Stephen Hobbs, Dr. John Krol, Dr. Adam Lyles, Dr. Shardan Radmanesh, Dr. Jay Thacker, Dr. Shiv Tumkur

The Blue Grass Society of Radiology Technologists(BGSRT) Fall Seminar was held October 30th

Members of the Department of Radiology at UK Chandler participated in the seminar: Mr. Brett Wand, RT(R) (CV) BW, presentation was titled, "Aortoiliac Occlusive Disease: Non-Medical Treatment". Dr. John Gurley, with UK's Gill Heart Institute, presented "Radiation Safety for Fluoroscopists". Dr. Curtis Given, with Central Baptist Hospital, presented "Advanced Endovascular Management of Cerebral Aneurysms". Dr. Richard Jackson (former UK Resident) with the University of Cincinnati lecture was titled "Anatomy, Pathology and Common Radiologic Procedures in the Spine".

SAVE THE DATES: Future seminars are scheduled for January 15, 2011 and April 16, 2011. Questions? Email Brett Wand, Marylynn Garrett, or Sherri Napier.

Community Out Reach Education: MRI Fire Safety

[Click here to link to the MRI educational slide how developed by Good Samaritan personnel](#)



by: Gina Walters A.S. R.T.(R)(MR)

I would like to recognize and congratulate Heather Gross, R.T.(R) and Tara Sweat, R.T.(R)(CT), of UKHC Good Samaritan Diagnostic Center, for their excellent partnership and collegiate efforts with our local firefighters. As a proactive measure, Heather and Tara presented an educational in-service on MRI Fire Safety to our first-responders.

A fire in the MRI suite is not only dangerous but can become an explosive situation for all employees. As a proactive measure we needed to develop and coordinate a tool for MRI Fire Safety. This MRI Fire Safety in-service is an outreach effort for our community's local fire fighters to education them on the dangers of a "quench" during a fire located in a MRI suite. Superconducting magnets, such as those used in hospitals and outpatient facilities, need liquid helium to keep them cool. A sudden release of the helium, which then turns into a cryogen gas, will demagnetize the MRI machine and this is called a "quench." If ventilation is inadequate the area can become a very dangerous environment for patients and MRI personnel.

Due to the seriousness of this issue we included all teams that respond to UKHC on all campuses; UKHC Good Samaritan Diagnostic Center, UKHC Chandler MRI, UKHC Kentucky Clinic MRI and UKHC Gill Imaging.

Heather and Tara educated over forty first-responders at our facility. Heather put together a MRI fire safety PowerPoint providing explanations about what to do during a fire in a MRI suite and talked about key points such as talked proper precautions during a quench. I was excited about the educational in-service and believe the firefighters' participation opened up discussions for proper safety measures when dealing with a fire in a MRI suite. Tara and Heather did an excellent job of explaining and touring the group.

As a team effort Heather and Tara, along with Mashelle Maples, A.S. R.T.(R), Cathy Wharton, RN and Angel Chavez, R.T.(R) worked diligently to make our day for MRI Fire safety educational and fun. Plan to come join us for the experience and tour next year!



The Radiological Society of North America Annual Meeting will be held November 28 - December 3, 2010 in Chicago, IL.

The Department of Radiology has several radiologists, residents, medical students, and technologists who are presenting at the Radiological Society of North America's (RSNA) 2010 annual meeting. Below are links to abstracts and summary information.

Dr. Anil Attili: [Vascular Rings and Slings: A Multimodality Radiologic Review](#)

Dr. Anil Attili: [Baffled by the Baffles? Baffles and Conduits Demystified](#)

Dr. Harigovinda Challa, Aaron Fain (UK medical student), Dr. Josh Gibson, Dr. Shiv Tumkur, Dr. Joseph King, Dr. Jason Rexroad, will be presenting Emergency Radiology's "Case of the Day" during the conference

Dr. Josh Gibson and Dr. Patrizio Capasso will be presenting Vascular & Interventional Radiology's "Case of the Day" during the conference

Dr. Bryan Hamon, Dr. Stephen Hobbs, Elizabeth Cheatham and Dr. M. Elizabeth Oates: [SPECT/MRI Fusion: Radio Waves + Gamma Rays = Great Radiology](#)

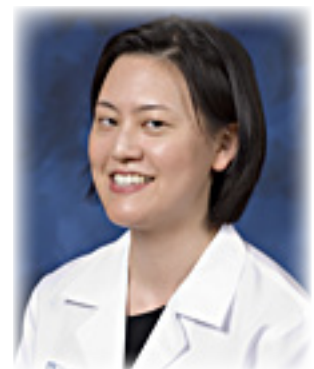
Dr. Stephen Hobbs, Dr. Bryan Hamon, Elizabeth Cheatham, and Dr. M. Elizabeth Oates: [Got Fusion? The Limitations of Single-Modality Imaging](#)

Dr. Stephen Hobbs, Jason Messinger (UK medical student), Dr. Anil Attili, and Dr. Michael Winkler: [The Role of Cardiovascular Magnetic Resonance Imaging in Heart Failure.](#)

Dr. Bradley Wells and Dr. Patrizio Capasso display storyboard: [Limiting Use of Enteric Contrast for Abdominal CT Studies: Effect on Median Emergency Department CT Turnaround Time and Perceived Exam Quality](#)

Congratulations Dr. Kim on Subspecialty Certification

Congratulations to Dr. June Kim who has achieved subspecialty certification in Neuroradiology through The American Board of Radiology!



UK Comprehensive Breast Care Center and KY Clinic South Achieved a 100% Score During Their Annual Mammography Quality Standards Act Inspection

The Mammography Quality Standards Act (MQSA) inspection process is an annual event that takes place in all mammography facilities. The University of Kentucky was inspected at Kentucky Clinic South on November 3rd and the Comprehensive Breast Care Center on November 4th. Both facilities passed with 100% compliance, therefore, exceeding the MQSA requirements. This is an awesome accomplishment that requires much effort and diligence each year. Congratulations to both facilities.

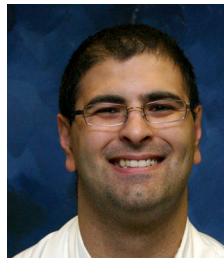
Gina Carlton is the Technical Manager at UK HealthCare's Comprehensive Breast Care Center (CBCC) and Gay McGarey is the Lead Technologist at Kentucky Clinic South Radiology.



Left to Right: Gina Carlton, Gay McGarey

Four New Medicals Students Are Rotating in Radiology

Ryan Farris, Hannah Lawther, Hazim Rishmawi, Tyler Thompson are medical students rotating in the Department in November. Ryan Farris, Hazim Rishmawi and Tyler Thompson are UK College of Medicine students. Hannah Lawther is a medical student at West Virginia University.



Left toRight: Ryan Farris, Hannah Lawther, Hazim Rishmawi, and Tyler Thompson