

## DIAGNOSTIC RADIOLOGY SCHOLARLY ACTIVITY

### REVIEWED PUBLICATIONS/JOURNAL ARTICLES:

#### FACULTY

Kil W, Nichols R, Kilkenny J, Gupta P, et al. Proton therapy versus photon radiation therapy for the management of a recurrent desmoid tumor of the right flank. *Radiat Oncol*. October 2012. 7:178.

Wasserman M, Davis C, Edgar D, Monteiro, C. Diagnosis of US/MRI-occult asymptomatic multifocal invasive lobular carcinoma using breast tomosynthesis. *Clinical Case Review. Sponsored by Hologic. July-Aug 2012*.

Matteo J, Cunningham J. Size Matters, A reliable endovascular method to avoid infolding and endoleaks when reconstructing aortic bifurcations using stent grafts. *Vascular*. June 2012. (3):124-8.

Daily R, Matteo J, Loper T, Northup M. Nutcracker syndrome, symptoms of syncope and hypotension improved following endovascular stenting. *Vascular*. June 2012.

Bhullar I, Frykberg E, Siragusa D, Chesire D, et al. Selective angiographic embolization of blunt splenic traumatic injuries in adults decreases failure rate of nonoperative management. *J Trauma Acute Care Surg*. May 2012. 72(5):1127-34.

Bhullar I, Frykberg E, Siragusa D, Chesire D, et al. Age does not affect outcomes of nonoperative management of blunt splenic trauma. *J Am Coll Surg*. June 2012. 214(6):958-64.

Truong T, Vu J, Matteo J. Superior mesenteric vein aneurysm. *Vasc Endovascular Surg*. January 2012. 46(1):89-92.

Malave C, Wynn G, Nussbaum MS, Kaunitz AM. Incidental diagnosis of appendiceal mucocele with vaginal ultrasonography and computed tomography. *Obstet Gynecol*. 2011. 7(2 Pt 2):479-81

Johnson PB, Borrego D, Balter S, Johnson K, Siragusa D, Bolch WE. Skin dose mapping for fluoroscopically guided interventions. *Med Phys*. 2011;38(10):5490-9

Narla VV, McCook BM, Muthukrishnan A. Serendipitous detection of urothelial carcinoma with F-18 FDG PET/CT: usefulness of low intensity PET window setting in areas of high physiologic FDG distribution. *Clin Nuc Med*. 2009;34(1):53-4

Ryan A, McCook BM, Sholosh B, et al. Acute intramural hematoma of the aorta as a cause of positive FDG PET/CT. *Clin Nuc Med*. 2007;(32(9):729-731

Ryan A, McCook BM, Sholosh B, et al. Acute intramural hematoma of the aorta as a cause of positive fluorodeoxyglucose positron emission tomography/computed tomography. *J Thoracic Cardiovascular Surgery*. 2007;134(2):520-1

Shammas A, Degirmenci B, Mountz J (including McCook BM), et al. 18F-FDG PET/CT in patients with suspected recurrent or metastatic well-differentiated thyroid cancer. *J Nuc Med*. 2007;48:221-226

Costa M, Shoemaker S, Futamatsu H (including Klassen C), et al. Quantitative magnetic resonance perfusion imaging detects anatomic and physiologic coronary artery disease as measured by coronary angiography and fractional flow reserve. *J Am Coll Cardiol.* 2007;50(6):514-22. Epub 2007 Jul 23

Futamatsu H, Wilke N, Klassen C, et al. Evaluation of cardiac magnetic resonance imaging parameters to detect anatomically and hemodynamically significant coronary artery disease. *Am Heart J.* 2007;154(2):298-305

Panse P, Klassen C, Panse N, et al. Magnetic resonance quantitative myocardial perfusion reserve demonstrates improved myocardial blood flow after angiogenic implant therapy. *Int J Cardiovasc Imaging.* 2007;23(2):217-24.

Futamatsu H, Wilke N, Klassen C, et al. Usefulness of cardiac magnetic resonance imaging for coronary artery disease detection. *Minerva Cardioangiol.* 2007;55(1):105-14

## **PRESENTATIONS:**

### **FACULTY**

Castro D. Brain Perfusion Imaging in Acute Stroke Evaluation. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. October 2012.

Edgar D. Digital Breast Tomosynthesis: Diagnosis of US/MRI-occult multifocal invasive lobular carcinoma. Poster present at: University of Florida College of Medicine - Jacksonville Research Day; Jacksonville, FL. May 2012.

Edgar D. Granulomatous mastitis Mimicking Breast Cancer on Radiologic Imaging. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day; Jacksonville, FL. May 2012.

Matteo J, Loper T, Cunningham J, Scuderi G, Daily R. Refractory central venous stenosis treated with snorkel stent graft placement using a novel sizing formulary. Poster presented at: International Symposium on Endovascular Therapy (ISET); Miami, FL. January 2012.

Powell J, Frykberg B, Taylor K, Wasserman P. Bilateral proximal femoral insufficiency fractures leading to a displaced fracture in a patient on bisphosphonates. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day; Jacksonville, FL. May 2011.

Powell J, Taylor K, Wasserman P. A case of suspected malignant conversion of myositis ossifications. Poster present at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Hayden K, Matteo J, Knight S, Siragusa D. De-clot procedure via direct percutaneous access of a completely covered stented AV graft. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Ibrahim E, Rehwald W, Zuehlsdorff S, White R. Assessment of myocardial strain using strain-encoding MRI: comparison of acquisition strategies. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Ibrahim E, Shaffer J, White R. Pulmonary artery stiffness assessed by velocity-encoding MRI: comparison of techniques. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Johnson K, Ibrahim E, Shaffer J, Rana F. Evaluation of dual energy CT and 3T MRI for quantification of iron deposition. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Johnson P, Borrego D, Johnson K, Siragusa D, Bolch W. Skin dose mapping in interventional fluoroscopy. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Matteo J, Cunningham J, Vo D, Siragusa D. This changes everything: percutaneous endovascular aortobifemoral bypass. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Rosensweig J, Matteo J, Stucky J, Blackman G. Administrators...full ICU's gotcha down? Turn those DRGs into outpatient dollars. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Dehdari R, Taylor K, Makary R, Shuja S, Griffiths H. Multiple intraosseous hemangiomas. Poster presented at: University Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Ibrahim E, Rehwald W, Zuehlsdorff S, White R. The effect of K-Space trajectory on strain-encoded cardiac MRI imaging. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Ibrahim E, Johnson K, Shaffer J, White R, Comparison of different MRI techniques for measuring aortic compliance. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Johnson K, White R. Validation of coronary calcium scoring using dual energy CT. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Klassen C, McCook B. Pearls and pitfalls in PET/CT interpretation: identification of false positive findings. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Nguyen M, Johnson K, McCook B. Radiation dose of most commonly ordered CT studies at Shands emergency department. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Siragusa D, Stucky J, Blackman G, Matteo J, Rangaswamy R, Northup M. Internal carotid artery sacrifice using the amplatzer II vascular plug. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Latif N, Snodgrass S. Efficacy of neoadjuvant cisplatin with oral capecitabine in triple negative breast cancer. . Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Maharaj R, Booth R. Cavernous sinus thrombosis: a rare etiology of headache. Poster presented at: University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Edgar D. Role of imaging in Breast Cancer screening and diagnosis. Oral presentation. University of Florida College of Medicine – Jacksonville, Multidisciplinary Breast Health Committee Lecture Services, Jacksonville, FL. April 2010.

## **RESIDENTS**

Martineau D. Temporal Bone Development and Anatomy. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. January 2013.

Matteo J, Loper T, Cunningham J, Scuderi G, Daily R. Refractory central venous stenosis treated with snorkel stent graft placement using a novel sizing formulary. Poster presentation. International Symposium on Endovascular Therapy (ISET), Miami, FL. January 2012.

Yasrebi M, Powell J. A Case of Anterior Cerebral Artery Rupture. Poster presented at: Duval County Medical Society Meeting. Jacksonville, FL. November 2012.

Jordan B. Thyroid Imaging in Nuclear Medicine. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. November 2012.

Aboy C. Multimodality Imaging of the Placenta. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. October 2012.

Carroll M. Pot Pourri of the Orbits Globe. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. October 2012.

Hayden K. The Hypothalamus, Anatomy and Pathology Presentation on MRI. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. August 2012.

Passante N. Pediatric cervical spine: normal anatomy, common variants, and trauma. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. July 2012.

Matteo J, Cunningham J. Size Matters, A reliable endovascular method to avoid infolding and endoleaks when reconstructing aortic bifurcations using stent grafts. Vascular. June 2012. (3):124-8.

Daily R, Matteo J, Loper T, Northup M. Nutcracker syndrome, symptoms of syncope and hypotension improved following endovascular stenting. Vascular. June 2012.

Powell J, Frykberg B, Taylor K, Wasserman P. Bilateral proximal femoral insufficiency fractures leading to a displaced fracture in a patient on bisphosphonates. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Powell J, Taylor K, Wasserman P. A case of suspected malignant conversion of myositis ossifications. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Matteo J, Cunningham J, Vo D, Siragusa D. This changes everything: percutaneous endovascular aortobifemoral bypass. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Cavalier C. Pediatric congenital cardiac anomalies. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. November 2011.

Herrero M. What the radiologist needs to know. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. November 2011.

Passante N. Pediatric cervical spine: normal anatomy, common variants, and trauma. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. November 2011.

Hayden K. Perseptal and orbital cellulitis: relevant anatomy and differentiation by radiographic imaging. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. October 2011.

Cavalier C. Radiographic manifestations of renal Osteodystrophy. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. August 2011.

Scuderi G. Radiologic evaluation of nonobstetric disease in the pregnant and peripartum patient. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. July 2011.

Ursic E. Caves, caverns, and canals of the skull base. University of Florida College of Medicine – Jacksonville, Dept of Radiology Grand Rounds, Jacksonville, FL. May 2011.

Hayden K, Matteo J, Knight S, Siragusa D. De-clot procedure via direct percutaneous access of a completely covered stented AV graft. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Powell J, Taylor K, Wasserman P. A case of suspected malignant conversion of myositis ossificans. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Llave AD, Fielding JR, Deitte LA (including Scuderi G), et al. Poster presentation. RADSHARE: a multi institutional collaborative web-based educational project for promoting radiology resident education. Radiological Society of North America (RSNA) 2010: 96th Scientific Assembly and Annual Meeting, Chicago, IL. December 2010.

Powell J, Taylor K, Wasserman P. Bilateral proximal femur stress fractures leading to a displace diaphysis fracture in a patient on bisphosphonates. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2011.

Cunningham J. Symptomatic adenoid hyperplasia in HIV-positive patient: a case report. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Rosensweig J, Matteo J, Stucky J, Blackman G. Administrators...full ICU's gotcha down? Turn those DRGs into outpatient dollars. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Dehdari R, Taylor K, Makary R, Shuja S, Griffiths H. Multiple intraosseous hemangiomas. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Loper T, Knight S, Stucky J, Blackman G, Siragusa D, Matteo J. Anomalous venous drainage of the right heart. Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

Natter P, White R, Johnson K, Swenson T, Costa J, Williams C. Characterization of renal calculi: evaluation of dual energy CT (DECT). Poster presentation. University of Florida College of Medicine - Jacksonville Research Day, Jacksonville, FL. May 2010.

## GRANTS:

### FACULTY

Rana F, Ozdemir S, Sandhu J. A phase I/II study to assess the safety and therapeutic effect of INCB007839 in combination with Trastuzumab and Vinorelbine in patients with metastatic HER2+ breast cancer. Project Period: 4/2011-Open Enrollment. Sponsor: Incyte Corp. Role: Principal Investigator.

Matteo J, Siragusa D, Northup M, Vu J. Peripheral use of anjojet rheolytic thrombectomy with a variety of catheter lengths. Project Period: 10/2010-Open Enrollment. Sponsor: Medrad. Role: Principal Investigator.

Hamlin D, Gupta P. Prospective, non-randomized cohort study to assess the magnitude of potential risk with the administration of Primovist/Eovist in patients with moderate to severe renal impairment for the development of NSF based on diagnostically specific clinical and histopathologic information. Project Period: 9/2010-Open Enrollment. Sponsor: Bayer Healthcare. Role: Principal Investigator.

Cohen I, Shaffer J. Diabetes neurocognitive clinical trial using 3-Tesla brain MRI. Project Period: 5/2010-Open Enrollment. Sponsor: Nemours, NIH Prime. Role: Principal Investigator.

Siragusa D, Matteo J, Northup M, Vu J. GORE VIABAHN endoprosthesis versus percutaneous transluminal angioplasty (PTA) to revise the arteriovenous grafts at the venous anastomosis in hemodialysis patients. Project Period: 11/2009-5/2011. Sponsor: Gore. Role: Principal Investigator.

Johnson K, Ibrahim E. Enrolling 10 patients for CT and MR to evaluate and compare the use of dual energy CT and MR for detection of iron overload in the heart. Project Period: 11/2009-Open Enrollment. Sponsor: University of Florida College of Medicine-Jacksonville, Dean's Grant. Role: Principal Investigator.

Ibrahim E, McCook B, Nichols C, Mendenhall N. Prostate magnetic resonance spectroscopy at 3-tesla. Project Period: 11/2009-Open Enrollment. Sponsor: University of Florida College of Medicine-Jacksonville, Dean's Grant. Role: Principal Investigator.

Ibrahim E, Chapman D. Evaluation of the relationship between myocardial mechanics and pulmonary artery vessel in hypertension by MRI. Project Period: 7/2009-6/2012. Sponsor: James & Esther King Biomedical Research Program. Role: Principal Investigator.

Northup M, Castro D, Cohen I. Prospective non-randomized observational cohort study to assess the magnitude of potential risk with the administration of Magnevist injection in patients with moderate to severe renal impairment for the development of NSF. Project Period: 12/8/2008-Open Enrollment. Sponsor: Bayer Healthcare. Role: Principal Investigator.

Johnson K, Siragusa D. Validation of coronary calcium scoring using dual energy CT. Project Period: 7/2008-6/2011. Sponsor: Florida DOH. Role: Principal Investigator.