

Beaumont Health - Research Institute
Report of Research Accomplishments Submission Form

Department: Diagnostic Radiology and Molecular Imaging

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Note: Remember to **bold** all Beaumont physicians and staff names within the submitting Department/Division. If a Beaumont physician or staff member has left the institution, but was on staff when the research was conducted, please add an asterisk (*) in front of the name.

Peer-Reviewed Articles:

Al-Katib S, Colvin R, Sokhandon F. Intravascular Large B-Cell Lymphoma. Presenting with Diffuse Gallbladder Wall Thickening: A Case Report and Literature Review. *Case Rep Radiol.* 2018 Apr 22;2018:2494207.

Al-Katib S, Gupta G, Brudvik A, Ries S, *Krauss J, Farah M. A practical guide to managing CT findings in the breast. *Clin Imaging.* 2018 Jul 24. [Epub ahead of print]

Chapman J, Bartholomew B, Al-Katib S. Extrauterine Endometrial Stromal Sarcoma Arising in a Background of Endometriosis Following Prior Total Abdominal Hysterectomy. *J Endometr Pelvic Pain Disord.* 2018 Jul 30.

Chapman J, Sutherland E, Palka J. Hepatobiliary iminodiacetic acid scanning detects previously unknown hepatic metastases from colonic adenocarcinoma. *J Nucl Med Technol.* 2018 Aug 3. [Epub ahead of print].

***Copelan AZ, Krishnan A, Marin H, Silbergleit R.** Dural Arteriovenous Fistulas: A Characteristic Pattern of Edema and Enhancement of the Medulla on MRI. *AJNR Am J Neuroradiol* 2018 Feb;39(2):238-244.

Gbadamosi B, Ezekwudo D, Bhadresh N, Zhou Y, Gjorgova-Gjeorgjievski S, Ming X, et al. [7th author: Beaumont resident **Colvin R.**] Effective Immunotherapy in Bone Marrow Metastatic Melanoma Presenting with Disseminated Intravascular Coagulopathy. *Case Reports in Immunology.* *Case Reports Immunol.* 2018 Feb 12;2018:4520294.

***Kaur H, Muhleman MA, Balon HR.** Hypertrophic osteoarthropathy on bone scintigraphy. *J Nucl Med Technol.* 2018 Jun 46(2):147-148.

Mettler J, Al-Katib S. Aggressive Renal Angiomyolipoma in a Patient with Tuberous Sclerosis Resulting in Pulmonary Tumor Embolus and Pulmonary Infarction. *Urology.* 2018 Sep;119:e1-e2. 2018 Jun 7. [Epub ahead of print].

Silbergleit AK, Cook D, Kienzle S, Boettcher E, Myers D, Collins D, et al. [9th author: Beaumont faculty **Silbergleit R**] Impact of formal training on agreement of videofluoroscopic swallowing study interpretation across and within disciplines. *Abdom Radiol (NY)* 2018 Nov; 43(11):2938-2944

Sutherland EL, Choromanska A, Al-Katib S, Coffey M. Outcomes of ultrasound guided renal mass biopsies. *J Ultrasound.* 2018 Jun;21(2):99-104

Sutherland E, Dabajeh M, Zintsmaster S, Kolderman N, Mir S, Rezvani S, et al. [7th, 8th, 9th authors: Beaumont residents Tran K, Feraco D, Bassett M]. A Retrospective Evaluation of Time to Obtain and MRI for English-Versus Non-English-Speaking Patients. *J Am Coll Radiol*, Epub 2018 Jul 26.

Tominna M, Al-Katib S. Mass-Like Ground-Glass Opacities in Sarcoidosis: A Rare Presentation Not Previously Described. *Case Rep Radiol.* 2018 Aug 14;2018:5686915.

Book Chapter or Full Book Publications:

Noujaim S, *Bahoura L, Noujaim DL, Tominna M. Neurocysticercosis. In: Small JE, Noujaim DL, Ginat DL, Kelly HR, Schaefer PW. *Neuroradiology: Spectrum and Evolution of Disease.* 1st ed. Philadelphia, PA: Elsevier; 2018, Chapter 9.

Abstracts with Associated Research Presentations:

Alchammas J, Tech K. Clinical Utility of a Brain MR After a Negative Head CT in the Emergent Setting. *ASNR, Vancouver, BC, June 2-7, 2018.*

Bhatt M, Shah A, Noujaim S. Often Forgotten, but not Lost Art: A Pictorial Review of Dacryocystography and Associated Nasolacrimal Apparatus and Lacrimal Pathology. *American Society of Head and Neck Radiology. Savannah, GA, September 26-30, 2018.*

Chapman J, Doshi S. Hospital Mergers and Acquisitions: A Radiology Resident's Perspective on Impact on Training. *48th Annual Residents & Fellows Research Forum, Royal Oak, MI, May 22, 2018.*

Colvin R, Doshi S, Nall C. FOOSH Injuries of the Elbow with an Emphasis on Posterolateral Elbow Instability: Multimodality Pictorial Review of High Morbidity Injuries for the Practicing Radiologist and Radiologist in Training. *Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.*

Colvin R, Feraco D, Grundlehner P, Miller E, Ries S., Gupta G., et al. [7th & 8th authors: Beaumont faculty Rebner M, McLaughlin C]. Benign Core Needle Breast

Biopsy, Investigating 6, 12, and 24-month Follow-up Outcomes. Society of Breast Imaging / American College of Radiology Breast Imaging Symposium, Las Vegas, NV, April 12-15, 2018.

Colvin R, Feraco D, Sokhandon F. Radiation Dose Variations: A Comparison Between an Academic Tertiary Care Center and Community Hospitals and Freestanding Imaging Centers. American College of Radiology Annual Meeting, Washington, D.C., May 19-23, 2018.

***Davis J, Tominna M, *Goncalves LF, VanHulle R.** Early Implementation of a Postmortem Fetal Imaging Program: The Beaumont Experience. The Society for Pediatric Radiology Annual Meeting, Nashville, TN, May 15-19, 2018.

***Esterle J, Marcantonio DR, Nall C.** Calcium Hydroxyapatite Deposition Disease: A Multi-modality Review for the Practicing Radiologist and Radiologist in Training, with Emphasis on Clinical. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

***Friedlander J, Al-Katib S.** CT Evaluation of the Esophagus. American Roentgen Ray Society Annual Meeting, Washington, D.C., April 22-27, 2018.

***Kaur H, Muhleman M, Wu D.** Determining factors in outcome of initial I-131 ablation therapy for new patients with well-differentiated thyroid carcinomas. Society of Nuclear Medicine and Molecular Imaging Midwinter Meeting, Orlando, FL, January 25-27,

***Kaur H, Balon H.** Spectrum of congenital hypothyroidism: Key role of nuclear medicine. Society of Nuclear Medicine and Molecular Imaging, Annual Meeting, Philadelphia, PA, June 23-26, 2018.

***Kaur H, Muhleman M, Rydberg J.** Pericardial effusion and its appearance on different cardiac imaging studies. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Philadelphia, PA, June 23-26, 2018.

Kelsch R, *Kaur H, Balon H. All that's hot isn't pathologic: A pictorial review of the physiologic distribution of radiopharmaceuticals for the junior resident. Society of Nuclear Medicine and Molecular Imaging, Annual Meeting, Philadelphia, PA, June 23-26, 2018.

Kennady G, McCormick E, **Krishnan A.** San Luis Valley Syndrome in A Non-Hispanic Patient: A Case Report with Neuroimaging Findings. Midwest Society for Pediatric Research, Royal Oak, MI, October 4, 2018.

Kirsch AK, Kirsch MJ, Dixit P. Taking Back the Angiographic Advantage when Pancreatitis Prevails: Endovascular Management of Vascular Complications of Pancreatitis. Digestive Disease Intervention, New York City, NY, October 17-20, 2018.

Kolderman N, Cheti D, Hasbrook C, Forsyth A, Coffey M, Nair G, et al. [7th author: Beaumont faculty **Al-Katib S**]. CT-Guided Lung Biopsies: 18 Gauge vs. 20 Gauge Needle Size on Rates of Pneumothorax and Sample Adequacy. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

Kolderman N, Nandalur K. MRI of the Female Urethra: Pearls and Pitfalls of Interpretation. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course, Scottsdale, AZ, March 4-9, 2018.

Krishnan A, Tran K, *Bahoura L. Spontaneous Lateral Sphenoid Sinus Cephalocele Presenting After a Big Sneeze! American Society of Neuroradiology, Vancouver, BC. June 2-7, 2018.

McCormick E , Kuleka G, **Krishnan A.** Beta-propeller Protein-associated Neurodegeneration (BPAN): Childhood Presentation and Imaging. Midwest Society for Pediatric Research. Royal Oak, MI, October 4, 2018.

Mettler J, Al-Katib S. Isolated Spontaneous Visceral Artery Dissection: Diagnosis and Natural History. American Roentgen Ray Society Annual Meeting, Washington D.C., April 22-27 2018.

Mettler J, Al-Katib S. Aggressive Renal Angiomyolipoma in a Patient with Tuberous Sclerosis Resulting in Pulmonary Fat Embolus and Pulmonary Infarction. 48th Annual Beaumont Health Research Institute Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Moudgil P, *Warren M, *Singh K, Ciacci J. Closure devices: What every interventionist should know. World Conference on Interventional Oncology. Boston, MA, June 7-10, 2018.

Muhleman M, ***Kaur H, Patel M, Rydberg J.** The value of F-18 FDG PET/CT scan in the diagnosis of infection of unknown origin in a patient with aortic valve replacement. 48th Annual Residents & Fellows Research Forum, Royal Oak, MI, May 22, 2018.

Nair G, **Al-Katib S,** Myzuik N, Guerrero T, Solis D, Podlosky R, et al. Lung Compliance Imaging: A Novel Imaging Parameter to Evaluate Lung Stiffness. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

Nair G, Myzuik N, Guerrero T, **Al-Katib S,** Turner-Lawrence D, Castillo E. Quantitative Lung Function Imaging for Detection of Parenchymal Lung Abnormalities Using Four Dimensional Computed Tomography Scan. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

***Owerczuk M, Al-Katib S, Kolderman N, Cheti D, Hasbrook C.** Outcomes After Non-Diagnostic CT-Guided Lung Biopsies. 48th Annual Beaumont Health Research Institute Residents' and Fellows' Research Forum. Royal Oak, MI, May 22, 2018.

Pakray A, Kelsch R, Surro A, Walker D, Kirsch A, Rizk M, et al. Assessing Barriers to Completion of Chest CT Lung Cancer Screening in the Outpatient Population. Beaumont Resident and Fellow Research Forum, Royal Oak, MI, May 22, 2018.

***Patel K, Tominna M, Wilseck J.** Unilateral PRES Caused by Rapid Fluctuation of BP Secondary to Coronary Air Embolism. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

***Patel K, Tominna M, Wang A.** Primary Intracranial Malignant CNS Neoplasms with Extracranial Osseous Metastasis: Two Original Pathologically Proven Cases. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

***Patel K, Tominna M, Wilseck J.** Multimodality Imaging Review of Vertebral Artery Abnormalities. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

Patel RR, **Patel SR**, Bartholomew B. Achondroplasia and Chiari 1 Malformation with Moderate to Severe Hydrocephalus. AAPI Annual Convention, Greater Columbus, OH, July 4-8, 2018.

Sarode D, Dalal B, Ginoya S, **Tominna M.** Imagination of the Images When Viruses Attack the Lungs. Chest Annual Meeting / American College of Chest Physicians, San Antonio, TX, October 6-10, 2018.

Savin JH, Green A, Rasmussen C, Savin MA. Impact of Healthcare Disparities on Patients Undergoing Transarterial Radioembolization. Symposium on Clinical Interventional Oncology. Hollywood, FL, February 3-4, 2018.

Shams A, Kanaan C, Gryziweicz R, **Kazmierczak C**, Swor RA. Air versus ground transfer to comprehensive stroke center in patients with large vessel occlusion stroke. National Association of EMS Physicians Annual Meeting, California, San Diego, January 8, 2018.

***Singh KT, Savin JH, Savin MA, *Wong CO.** Radioembolization for Metastatic Colon Cancer: Survival Differences Between Right and Left Primary Sites. 10th Annual Symposium on Clinical Interventional Oncology. Hollywood, FL. February 3-4, 2018.

) 43rd Annual Scientific Meeting, Society of Interventional Radiology, Los Angeles, CA, March 18-21, 2018.

) Annual Beaumont Resident and Fellow Research Forum, Royal Oak, MI, May 22, 2018.

Sousaris N, Al-Katib S, Habra G. CT Chest, from the Musculoskeletal Radiologist's Perspective. American Roentgen Ray Society Annual Meeting, Washington, D.C., April 22-27, 2018.

Sousaris N, Wilseck J. "White" Epidermoid, Rare Entity Case Report. Western Neuroradiological Society 50th Annual Meeting. Dana Point, CA, October 11-14, 2018.

Sousaris N, Wilseck J. Unilateral Posterior Reversible Encephalopathy Syndrome Caused by Rapid Fluctuation of Blood Pressure Secondary to Coronary Air Embolism. Western Neuroradiological Society 50th Annual Meeting. Dana Point, CA, October 11-14, 2018.

Sutherland E, Al-Katib S. Amyloid-Associated Cystic Lung Disease: A Radiology Case Report. 48th Annual Beaumont Health Research Institute Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Tadros R, **Sousaris N, Wilseck J.** When Ordering Computed Tomography Perfusion

in Patients with Acute Stroke Symptoms, Does Renal Function Really Matter? Western Neuroradiological Society 50th Annual Meeting. Dana Point, CA, October 11-14, 2018.

Tominna M, Wilseck J. Nerve Roots: Often Overlooked. American Society of Spine Radiology, Scottsdale, AZ, February 14-18, 2018.

Tominna M, Wang A. Part I: Compressive Myelopathy: Neuroimaging and Pathologic Spectrum. 12th Asian Oceanian Congress of Neuroradiology, Taipei, Taiwan, March 19-23, 2018.

Tominna M, Wang A. Part II: Non-Compressive Myelopathy: Neuroimaging and Pathologic Spectrum. 12th Asian Oceanian Congress of Neuroradiology, Taipei, Taiwan, March 19-23, 2018.

Tominna M, Wang A, Silbergleit R, Krishnan A, Barry K. Spinal Cord Tumors and Mimics. American Roentgen Ray Society Annual Meeting, Washington, D.C., April 22-2, 2018.

Tominna M, Al-Katib S. Mass-like ground-glass opacities in sarcoidosis: a rare presentation not previously described. 48th Annual Beaumont Health Research Institute Residents' and Fellows' Research Forum. Royal Oak, MI, May 22, 2018.

Tominna M, *Patel K, Krishnan A, Wang A. Diffuse Large B- and T-cell Neurolymphomatosis Preceding Systemic Symptoms of Lymphoma. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

Tran K, Shetty M, Basmaji C, *Goncalves LF. Common and Uncommon Presentations of Ectopic Pregnancy: A Case-Based Review. American Roentgen Ray Society Annual Meeting, Washington D.C., April 22-27, 2018.

Tran K, Krishnan A, Silbergleit R. Transverse venous sinus stenosis in the setting of idiopathic intracranial hypertension: Are we under-reporting and can education improve its identification? American Society of Neuroradiology 56th Annual Meeting and the Foundation of the American Society of Neuroradiology Symposium, Vancouver BC, June 2-7, 2018.

Tran K, Krishnan A, Wang AM, Silbergleit R. Centrum Semiovale Diffusion Restriction: It's Not Just Methotrexate Toxicity. American Society of Neuroradiology Symposium, Vancouver, BC. June 2-7, 2018.

Tran K, Shetty, M, Menias C, Jafri, S. Multi-Modality Review of Upper Tract Urothelial Carcinoma and Its Mimics. Radiological Society of North America Annual Meeting. Chicago, IL, November 26-28, 2018.

***Warren M, *Singh K, Wiegmann D, Ciacci J.** Inferior vena cava filter tilt when deploying from jugular versus femoral access. Annual Beaumont Resident and Fellow Research Forum, Royal Oak, MI, May 22, 2018.

Wilseck Z, Srinivasan A, **Wilseck J.** The many faces of dural arteriovenous fistulas: Unmasking them one at a time. American Society of Neuroradiology 56th Annual

Meeting and the Foundation of the ASNR Symposium. Vancouver, BC. June 2-7, 2018.

Wright J, **Wiater B, Marcantonio DR, *Esterle J**. Outcomes of uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. Annual Beaumont Residents' and Fellows' Research Forum. Royal Oak, Michigan, May 22, 2018.

Yadavalli S, *Hierl M, Marcantonio DR. Muscle Edema - Recognizing Patterns and Associated Causes. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

Yadavalli S, Nall C. Radiologic evaluation of abnormalities of the sternum and sternoclavicular. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

Zintsmaster S, Yadavalli S. Recognizing Stress Fractures – Location and Patterns. American Roentgen Ray Society Annual Meeting, Washington, D.C., April 22-27, 2018.

Invited Research Presentations:

Non Peer-Reviewed Research Publications:

Colvin R, Mick J. Mandibular Nonunion with Osteomyelitis. Case in Point. American College of Radiology. 2018, Jun 4.