



Diagnostic and Nuclear Medical Physics Residency Program Resident Research Presentations

Last updated: 10/26/2021

- **Topbas C, Dong F.** Assessing the Severity of Metal Artifacts and Detectability of Lesions in CT Metal Artifact Reduction Images, **AAPM 2021** (Interactive ePoster)
- **Fong G, K Wunderle.** Distribution of Peak Skin Doses From Fluoroscopic Procedures Exceeding 5 Gy Reference Air Kerma, **AAPM 2021** (Interactive ePoster)
- **Paltani J, Fong G, K Wunderle.** Fluoroscopic Imaging Data Analysis: A Practical Study to Guide Protocol Optimization and Operator Training, **AAPM 2021** (Interactive ePoster)
- **Topbas C, Fong G, Singh V, Hulme K, Li X.** Using Exposure Index to Develop Thickness-Based Technique Chart for Cross-Table Lateral Hip Radiography, **AAPM 2020** (Blue Ribbon ePoster)
- **Fong G, Wunderle K,** Assessing Digital Image Receptor Performance Using the Noise-Response Method: A Feasibility Study for Routine Quality Control, **AAPM 2020** (Talk)
- **Fong G, Wunderle K,** Comparison of Patient Fluoroscopic Water-Equivalent Thicknesses to a Common Patient-Equivalent Phantom, **AAPM 2019** (Poster)
- **Barreto B, Hulme K,** Image Quality Comparison between Enhanced Multiple Parameter Iterative Reconstruction (EMPIRE) and Filtered Back Projection in Digital Breast Tomosynthesis (DBT) using the American College of Radiography (ACR) Digital Mammography Phantom, **RSNA 2019** (Alternate for Oral)
- **Barreto B, Schoenhagen P, Dong F,** Impact of Reconstruction Kernel and Iterative Reconstruction on Coronary Calcium Scores, **AAPM 2018** (Poster)
- **Zhao A, Hulme K,** Evaluation of American College of Radiology (ACR) Mammography Accreditation Phantom Image Quality of a Grid-Less and Software-Based Scatter Correction Technology, **RSNA 2018** (Oral)
- **Zhao A, Wunderle K, Godley A,** Review of Patients Undergoing Fluoroscopically-Guided Interventions and External Beam Radiation Therapy Within a Quaternary Care Medical Center, **AAPM 2018** (Poster)
- **Zhao A, Wunderle K,** An Analytical Approach for Estimating Angular Change of a C-Arm Fluoroscope Necessary to Provide Discrete X-Ray Fields at the Plane of Patient Skin in Fluoroscopically Guided Interventions, **AAPM 2017** (Oral)