

Radiology Quality and Safety Committee, **2023 Report**

Department-wide Projects

- 2023** *Established Peer-to-peer Seminars.
Training of AHC junior MRI technologists by Siemens applications specialists.
Monitoring non-diagnostic biopsy results. The average sampled non-diagnostic rate is 3.4%.
Printed and distributed ACR contrast reaction cards to the reading rooms.*
- 2024** *Standardization of critical results notification procedure across the IU Health hospitals.
Monitoring ACR RadPeer reports.*

Abdominal—Vivek Halappa and Tariq Hameed

- 2023** *Improved turnaround time for IP and OP procedure approvals from 4-6 days to 27 hours.*
- 2024** *Decreasing the radiation dose and avoiding contrast for adrenal nodule characterization.*

Breast Imaging—Jennifer Medley

- 2023** *Enter more accurate indications for breast MRI examinations using Aspen.*
- 2024** *Increase the routine transfer of breast MRI MIP images from the scanner to Synapse.*

Cardiothoracic Imaging—Sonal Majmundar

- 2023** *Established cardiac imaging quality assurance conference between Radiology and Cardiology.*
- 2024** *Shifting to use a more advanced cardiac MRI software (Precession).*

Community, North/West—Jason Ford

- 2023** *Improved ordered to finalized turnaround time of inpatient CTs from 20 hours to 9 hours.*
- 2024** *Decrease the backlog in ultrasound-guided fine needle aspirations at North and West.*

Community, Ball—Jessica Smith

- 2023** *Reduced the number of biopsies on inpatients performed at Ball Hospital.*
- 2024** *Developing structured reporting templates for common GI fluoroscopic procedures.*

Emergency Radiology— Alisha Capps

- 2023** *Established a surge protocol that can be activated to allow an additional radiologist to help.*
- 2024** *Track appropriately ordered CT GI bleeding exams in the acute setting.*

Interventional Radiology— Eric Beckley

- 2023** *Entering post-op day one notes on new abscess drains placed at the University hospital.*
- 2024** *Improve the quality of reports to improve patient safety for outpatient biliary drainage catheter exchanges/manipulations.*

MSK Imaging— Nathan Maertz

- 2023** *Implemented guidelines for management and follow-up of incidental bone lesions on MRI.*
- 2024** *Standardization of measuring technique and reporting leg length radiographs.*

Neuroradiology— Benjamin Gray

- 2023** *Implemented use of Alberta Stroke Program Early CT Score (ASPECTS).*
- 2024** *Implemented amyloid-related imaging abnormalities (ARIA) reporting system and template.*

Nuclear Medicine— Justin Sims

- 2023** *Implemented the initial staging template utilizing standard TNM language in the impression section of PET/CT reports.*
- 2024** *Standardization of nuclear medicine renal scan reporting.*

Pediatrics— Joseph Davis

- 2023** *Reduced utilization of cervical CT in pediatric trauma services.*
- 2024** *Every positive skeletal survey in peds will get a second read, ideally the following day.*

Administrative Support— Tyler Avery and Chelsy Challis