



The increase of variety, frequency and complexity of fluoroscopically guided interventional procedures pose many challenges for radiation protection of patients and staff.¹

Leadership in Dose Optimization Tools for Interventional Radiology

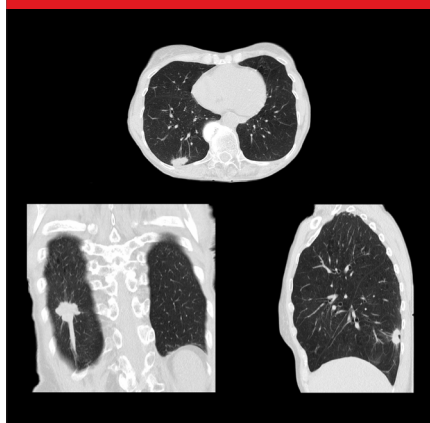
“The partial X-ray projection is a **great feature**, just because it **directs the X-rays away** from the technologist and myself.”²

— Frances Kigozi
MD, Diagnostic radiologist
St. Cloud Hospital, St. Cloud, MN



A better balance between image quality and dose

SURE Exposure 3D³



- Fully integrated automatic exposure control tool
- Ensures optimum image quality and patient dose

SURE kV



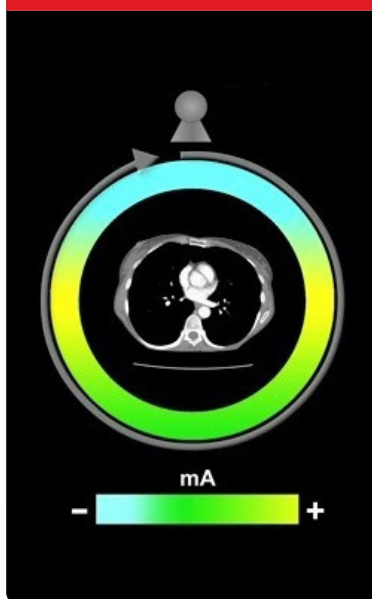
- Integrated and easy to use radiation dose management tool
- Automated technique for kV selection based on patient size, clinical task and target image quality level

AIDR 3D



- Adaptive Iterative Dose Reduction tool
- Adaptively targets image noise
- Can be used to lower patient dose while maintaining image quality

Organ Effective Modulation



- Reducing radiation exposure at specific tube angles during diagnostic exams
- Reducing dose to the patient's radiosensitive organs

Partial Exposure



- Switching off radiation to direct X-ray beam away from the operator during CT Fluoroscopy
- Reducing dose to the operators and to the patient's radiosensitive organs
- Radiation can be switched off in the anterior, posterior or lateral direction

¹Summary of the IAEA Technical Meeting on Radiation Protection in Fluoroscopically Guided Interventional Procedures, 7-9 March 2022

²The clinical results, performance and views described are the experience of the clinicians. Results may vary due to clinical setting, patient presentation and other factors

³Effective dose: 1.4 mSv (AAPM report 96, k-factor 0.014)

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