# FDA approves first AI enabled ROI radiation reduction shutter technology

14 April 2019 | News

**FluoroShield™ is an Artificial Intelligence powered Region of Interest (ROI) Radiation exposure reduction solution for interventional X-ray imaging available only on Omega's Flat Panel detector CS-series product lines.**
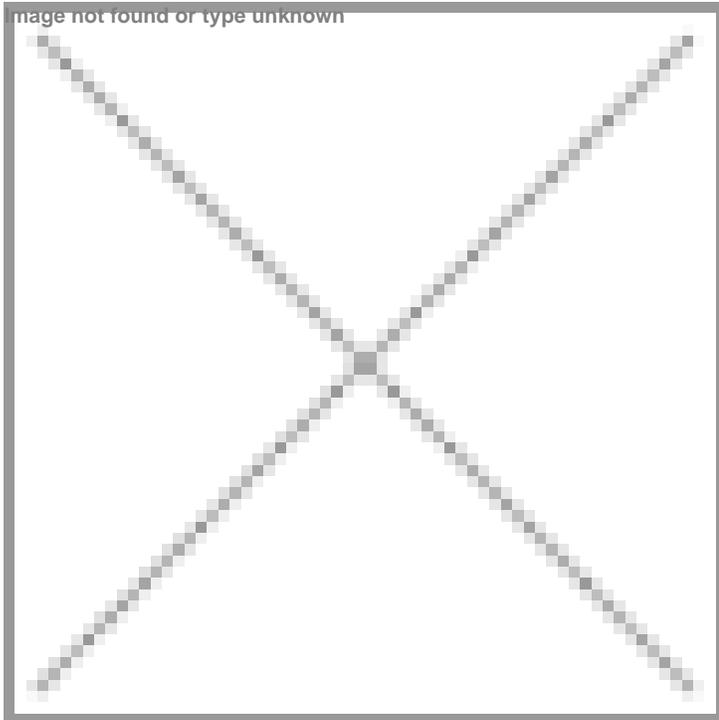


Omega Medical Imaging announces the launch of FluoroShield™ in conjunction with technology partner IKOMED Technologies, Vancouver, BC Canada. Omega Medical is an innovator in the design, manufacture, delivery, and support of Interventional X-Ray Imaging devices for hospitals and healthcare facilities around the globe.

FluoroShield™ is an Artificial Intelligence powered Region of Interest (ROI) Radiation exposure reduction solution for interventional X-ray imaging available only on Omega's Flat Panel detector CS-series product lines.

FluoroShield™ combines the power of AI, an ultra-fast collimator and the world's most advanced image processing to deliver a Region of Interest solution that has shown to reduce radiation exposure up to ~84 percent, seamlessly helping Interventional clinicians better reach their ALARA goals.