

AEGIS

AI-Guided Radiation Reduction in Fluoroscopy

Advancing Fluoroscopy Safety

Fluoroscopy enables minimally invasive procedures but exposes patients and staff to harmful X-Ray radiation.

AEGIS uses an ultrafast AI-guided shutter to reduce radiation exposure by up to 84%.

FDA cleared and commercially available with 100+ installations across the U.S.

Clinically proven

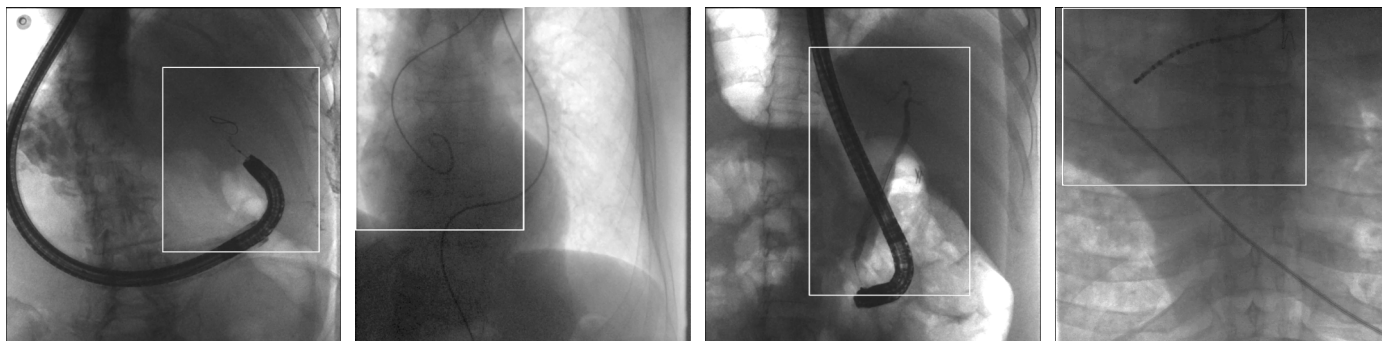
up to

84%

radiation reduction

Uncompromised Imaging

- AEGIS AI automatically detects and tracks tools (catheters, contrast fluid, scopes, etc.)
- Maintains high frame rate and image quality while limiting exposure to the Region of Interest
- Fully integrates with the fluoroscopy system to preserve the clinical workflow



AEGIS in action: The Region of Interest (white box) tracks tools at a high frame rate; the background updates at a lower frame rate to minimize radiation

Market Goal

- Ready to expand into the Japanese market
- Positioned to support strong growth in fluoroscopy-guided procedures
- Protected by multiple patents

Partnership Opportunities

- Seeking co-innovation partners (fluoroscopy system or X-Ray collimator manufacturers) with market access
- IKOMED provides technical expertise and a proven solution with manufacturing, integration, and QA capabilities
- Offering flexible business models



Learn more at ikomed.com

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