OMEGA FLUOROSHIELD™

THE ULTIMATE RADIATION REDUCTION SYSTEM

Reducing overall radiation by up to ~84%,* FluoroShield™ will become the benchmark for programs looking to meet and exceed their ALARA goals.

Available exclusively on Omega Systems

*Results based on internal measurement of reduction outside of ROI. Cumulative Dose Area Product is reduced by more than 67% with a substantial reduction in the area irradiated. Actual results may vary and effect total dose output such as: anatomical structure, patient sizes, user application and system techniques.

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The intentional design of Fluoroshield™ provides an innovative approach to optimizing radiation reduction during interventional fluoroscopy procedures.

The unique system maximizes radiation reduction by using artificial intelligence to auto-collimate the region of interest, while simultaneously and seamlessly integrating the ROI with a view of the surrounding anatomy. The resulting imagery increases the quality of information presented while also reducing radiation exposure to patients and staff.

Powered by AI, an ultra fast collimator and the world's most advanced image processing, the FluoroShield™ solution delivers a feature rich system consistent with the quality and reliability you expect.

- Utilizes AI to minimize dose to patients.
- Reduces scatter radiation to the physician and staff.
- Optimized ROI image selection via AI.
- Automatic or manual mode available based on user preference.
- TruBlock™ Technology completely blocks the radiation beam.
- Delivers maximum radiation reduction without disrupting workflow.
- Consistently achieves superior image quality.

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