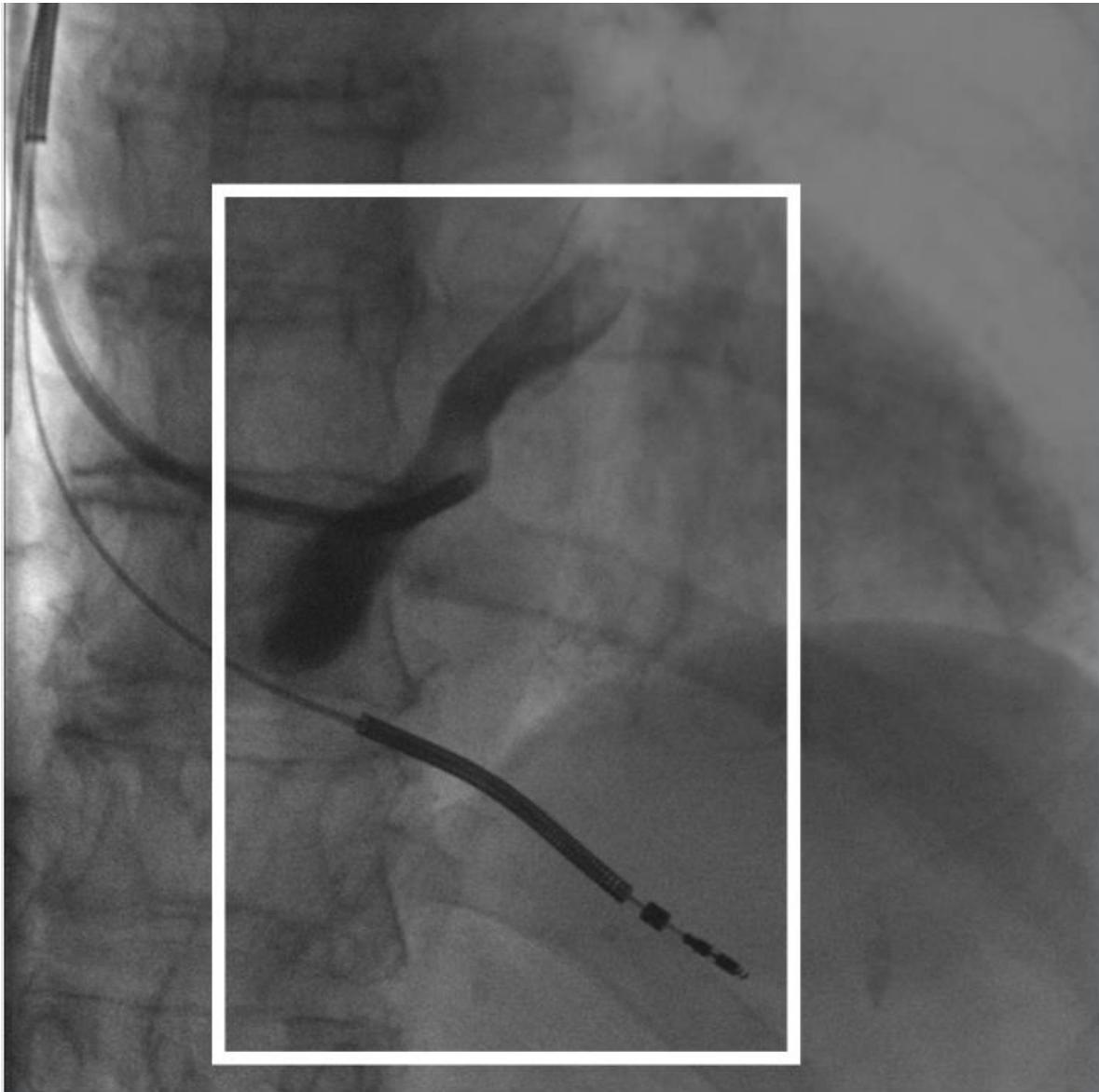


# Why Should You Invest in AI Image-Guided ROI Systems for Your Interventional Labs?

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What if you knew that by adopting an AI interventional imaging system that automatically tracks devices and adapts the collimated ROI, you could dramatically reduce radiation exposure to patients and staff by [up to ~84%](#)? Incorporating this new modality into your interventional labs would immediately elevate your program to the next level of dose reduction and safety. How would this help you provide safer care to your patients and the physicians and staff who care for them?

The as-low-as-reasonably-achievable ([ALARA](#)) principle of radiation safety adopted by healthcare institutions relies mainly on guidelines and training of medical personnel for minimizing exposure time, maximizing distance to the source, and using protective shielding. However, the effectiveness of these efforts varies in practice patterns, complexity of procedures, heterogeneity of data, and patient characteristics. These factors combine to hinder ALARA effectiveness.

This new system platform uses AI to provide an automatic, hand-free solution to radiation reduction – delivering the benefit of consistent and repeatable radiation reductions to patients and staff beyond anything else in use today. AI systems significantly reduce radiation exposure to patients and staff while maintaining superior image quality and require no change of existing workflow and fit into most existing footprints and budgets.

AI image-guided ROI systems are proven to be safer than non-AI systems and are quickly becoming the new standard of care for interventional imaging. The publications and science on the advantages of AI is clear and proven in a new [comparison study](#). This new modality obsoletes the status quo conventional non-AI systems.

Why would you invest in an obsolete system, a system without this technology?



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