

ANGIO Mentor Radiation Safety Solutions

Learn how to minimize radiation exposure via interactive learning

Ionizing radiation exposure is an inherent component of endovascular interventions. As procedures become more complex, greater exposure is incurred by both staff and patients. Radiation safety is becoming a crucial part of all interventional teams training programs. The ANGIO Mentor is the ideal solution for interactive radiation protection training in a safe, radiation-free environment.



“See the Invisible” AR Radiation Awareness Proctoring Application

Endovascular teams can practice various intervention scenarios in real-life clinical setting, while visualizing real-time radiation scatter in the room using a designated tablet AR technology. Changes in C-arm projections and imaging settings are reflected in the visualized scatter, and enable teaching radiation safety principles.



Module-integrated Radiation Safety Training

The simulation presents real-time dosage data and offers guidance on minimizing exposure. This allows grasping common dose management strategies while practicing an intervention. Once the procedure is completed, an in-depth radiation report provides the trainee with valuable feedback and insights.



Radiation Safety Game and Course

Developed in collaboration with the University of Ghent in Belgium, this game is a fun way to put theory into practice during a virtual EVAR case. The player is scored based on equipment choices, staff positioning, and actions such as collimation and c-arm rotation. The game is part of a comprehensive e-learning radiation safety course.

