



Imagine Apron-Free Imaging*

For your whole team





I have been exposed to the equivalent of 10,000 face x-rays.



I don't want any more.

Cardiologist, Arizona



"Based on the findings of the present study, the open architecture of the shielding system casts an umbrella of protection on the operator side of the table. Hence, the shielding system offers protection not only to "table side" physicians and technologists, but also to the other circulating catheterization laboratory staff during the times in which they are within the "umbrella" of protection. By offering protection from scatter radiation to the entire catheterization laboratory team, the shielding system may have benefits beyond radiation safety devices designed only to protect the physician."

From Dixon, et al, "A novel catheterization laboratory radiation shielding system: Results of pre-clinical testing," Cardiovascular Revascularization Medicine, May 2021.

"For interventionalists who develop brain tumors, one study revealed that 85 percent of tumors originated on the left side of the brain. Interventionalists typically stand anteriorly to the patient, with the left side of their body closest to the patient's chest, and hence, most proximate to the source of radiation."

From "Occupational Exposure to Ionizing Radiation in Interventional Fluoroscopy: Severity of Adverse Effects of a Growing Health Problem," Organization for Occupational Radiation Safety in Interventional Fluoroscopy, February 2015.

Wearing a 15-pound lead apron can place pressures of up to 300 pounds per square inch on intra-vertebral disks. According to the Society of Interventional Radiology, 70 percent of Interventional Cardiologists experience lower back pain, 40 percent experience neck pain and 42 percent experience both. They recommend the use of shielding systems, like our Protego™ Radiation Protection System, that reduce or eliminate the need for protective garments.

*Procedure parameters for Apron-Free™ imaging at your facility must be defined by your Radiation Safety Officer or facility physicist as well as comply with state and local regulations.



We feel totally safe and much more comfortable without an apron.



Interventional Team Member, Michigan



EVIDENCE-BASED**

Michigan Occupational Safety and Health Administration February 2021

"The shielding device should be accepted in lieu of the requirement for lead aprons. This device is equivalent to at least 0.5 mm lead and protects individuals equivalent to or better than lead aprons."

Published clinical data showed 95.9% to 99.8% reduction in radiation exposure

Dixon, et al, "A novel catheterization laboratory radiation shielding system: Results of pre-clinical testing," Cardiovascular Revascularization Medicine, May 2021.

EASY ADOPTION

- Existing workflow remains intact
- Easy 3-minute procedure set up
- Full patient access
- Full fluoroscopic visualization of vasculature and clinical anatomy
- Full movement of C-Arm angulations, patented upper shield offset-shape permits steep caudal angulation
- Unencumbered table panning and patient positioning
- Shield manipulation unnecessary, with our "passive system"

**See the studies linked on our website

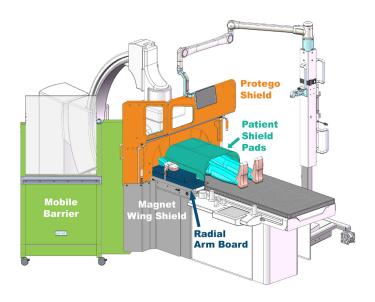
QUALITY OF LIFE

Studies** show the negative longterm results of wearing heavy, yet insufficient, lead aprons on surgical staff, including brain tumors, cataracts, spinal disk injury, and other life-impacting problems. All of this ads up to reduced quality of life, missed work, and shorter careers.

The Protego™ Radiation Protection System can free staff from both radiation and the consequences of using lead aprons and other radiation protection devices, helping to improve long-term health, job satisfaction, and career longevity.

EASY, 3-MINUTE SETUP

- After placing the patient on the table, mount Magnet Wing Shield to the rail.
- Slide Radial Armboard under the table pad; place the pad under patient arm.
- Drape then position Protego Shield over patient. Lock into Magnet Wing Shield.
- Place Patient Shield Pads on patient in the desired configuration. Drape patient.
- Place Mobile Barrier to complete system.



SUPPORT

- We unpack and set up the Protego[™] Radiation Protection System in your surgical suite
- Demo includes up to six real-time dosimetry badges for up to three weeks, all disposables, and full-time clinical technicians
- We provide in-service training for staff
- Virtual demos and inservices are also available
- 1 year warranty



ABOUT IDI

Serving the operating room for more than 35 years, we sell more than cutting-edge radiation protection. We are industry-leading in value, quality, and service with a state-of-the-art product portfolio of advanced visualization systems, imaging tables, and surgical tables & lights for acute care, ASCs, and OBLs. Intelligent Design ► Tangible Outcomes is more than our slogan, it defines our approach to products and customer care.



Imaging Tables



Integrated Visualization



