


A photograph of a man's back, showing numerous freckles. The man is shirtless and looking out over a beach and ocean. The text is overlaid on the freckled skin.

**Is your  
lead apron  
really protecting  
you?**

*At what cost?*





**It's time to care  
about the care givers**

**7.1 times higher risk of orthopedic (back/knee/neck) problems**

**6.3 times higher risk of cataracts**

**3.1 times higher risk of hypercholesterolemia**

**3.0 times higher risk of cancer**

**2.8 times higher risk of skin lesions**

**The objective:**  
**protection without compromise**

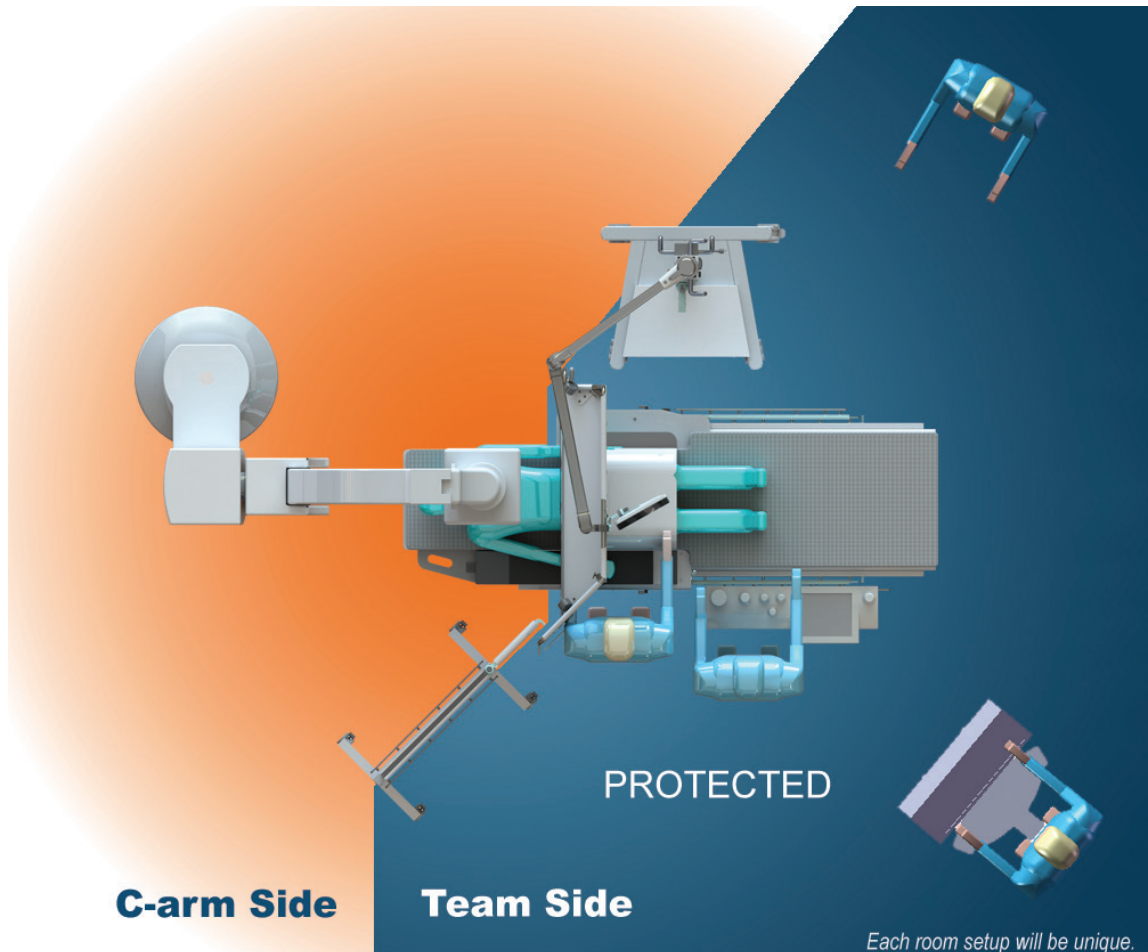
- ✓ Eliminate virtually all radiation exposure
- ✓ Free staff from burdensome lead aprons
- ✓ Maintain full access to patient
- ✓ Unimpeded patient imaging
- ✓ Allow vascular access, catheters and targets
- ✓ Unimpeded motions of C-arm and table
- ✓ Minimal operator manipulation of shields during procedures
- ✓ Easy to set-up with rapid case turnover
- ✓ Low procedure costs

**Now there is a solution:**  
**PROTEGO**



# PROTEGO<sup>®</sup>

RADIATION PROTECTION SYSTEM



	Dose Rate rem/h	0.02	0.02	2	Acc Dose mrem
Scrub Thyroid					0.0
Tech Thyroid					0.0
MD Waist					0.0
MD Thyroid					0.0

In the majority of cases observed, radiation exposure levels were below the threshold for registration on realtime dosimetry systems.



# Here's what users are saying:



"I've taken the equivalence of 30,000 chest x-rays to my face.

I don't want any more."

David G. Rizik MD

"The biggest question for everyone in the lab was how much radiation exposure would be reduced with Protego. My RaySafe radiation badge registered zero. It was the same for all staff badges on my side of the shielding wall."

"We performed "lead-free cases" all week and the near-zero radiation reading in the shielded zone were impressively low: near zero in every case.

Mort Kern, MD



"Protego eliminates the need for personal lead aprons in the catheterization laboratory. Protego will allow me to practice longer."

Maher Rabah, MD



Links to study sources





## Imagine **APRON-FREE IMAGING** for Your Whole Team!



### The challenge

- Hospital staff and physicians working in the presence of ionizing radiation must be fully protected.
- The solution should be comprehensive and protect vulnerable areas of the body without burdening the operator with heavy lead apparel.
- Protego is an investment in safety worth making in both human and economic terms as the benefits will be realized by both the operator and institution.

### The Solution you are looking for is Protego

- Five Peer Reviewed Clinical Evaluations – and counting – validating the highest level of protection, with the lowest exposure levels over the greatest area.
- The system pans with the table. No relative motion between the shield and the patient. Shield panels do not drag over the access site.
- Patented shape permits steep angulations without patient manipulation.
- Unique bilateral shielding components protect both sides of the table.
- Instant release and counterbalanced shield provides emergent access
- Approved by the State of Michigan as an alternative to lead aprons

**Improve radiation safety and the quality of life for all members of your cath lab team – choose PROTEGO**