



SCATTER **MATTERS**

**Protect *Everyone,*
*in Every Case***



The EggNest™ Radiation Protection System reduces radiation exposure without compromising workflow

THE PROBLEM

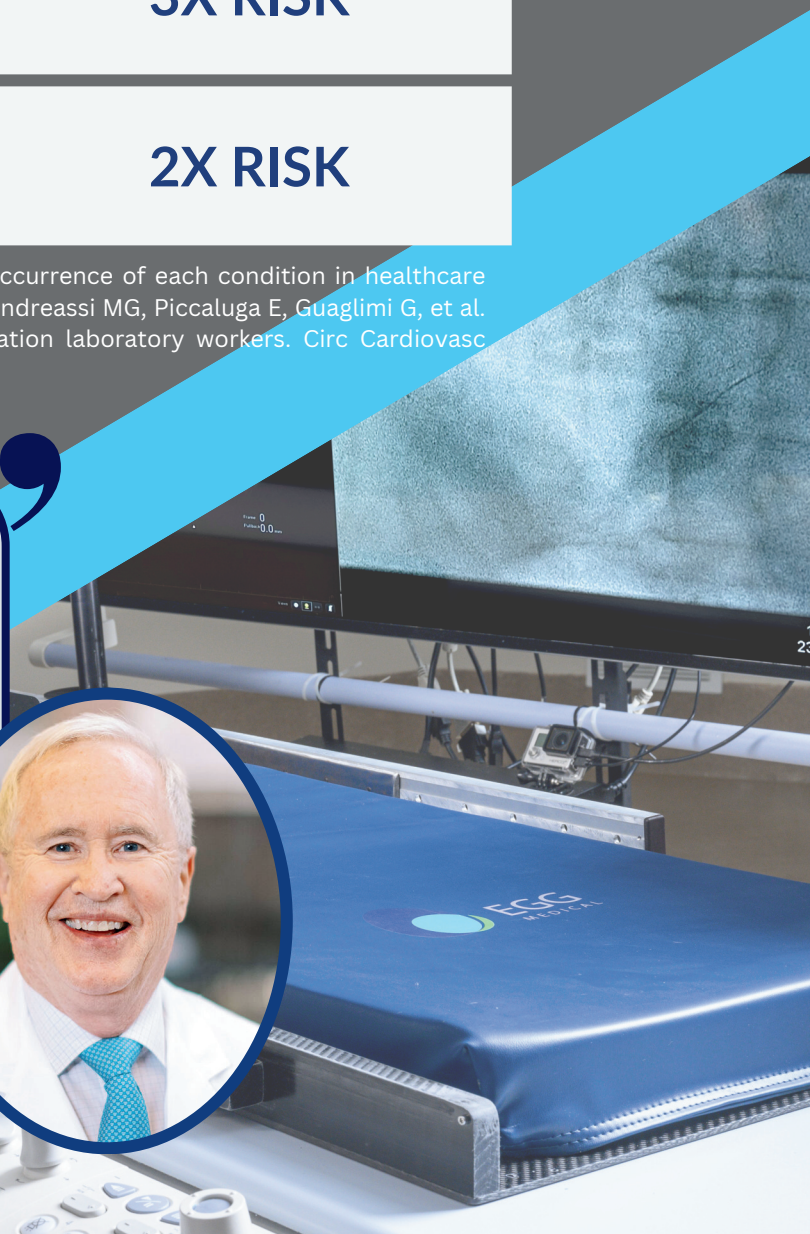
The Health Effects of Scatter Radiation are Real

HEALTH EFFECT	ODDS RATIO (95% CI)
CATARACTS	6X RISK
CANCER SKIN, CARCINOMA, THYROID, BRAIN	3X RISK
CARDIOVASCULAR INCREASED CVD	2X RISK

*The Odds ratio is the multiple or the normal occurrence of each condition in healthcare personnel not working in x-ray labs. Reference: Andreassi MG, Piccaluga E, Guagliumi G, et al. Occupational health risks in cardiac catheterization laboratory workers. *Circ Cardiovasc Interv.* 2016;9:003273

Saying you would not do everything humanly possible to protect healthcare workers is nuts.

Mark Goodwin, MD
Midwest Cardiovascular Institute



THE PROBLEM



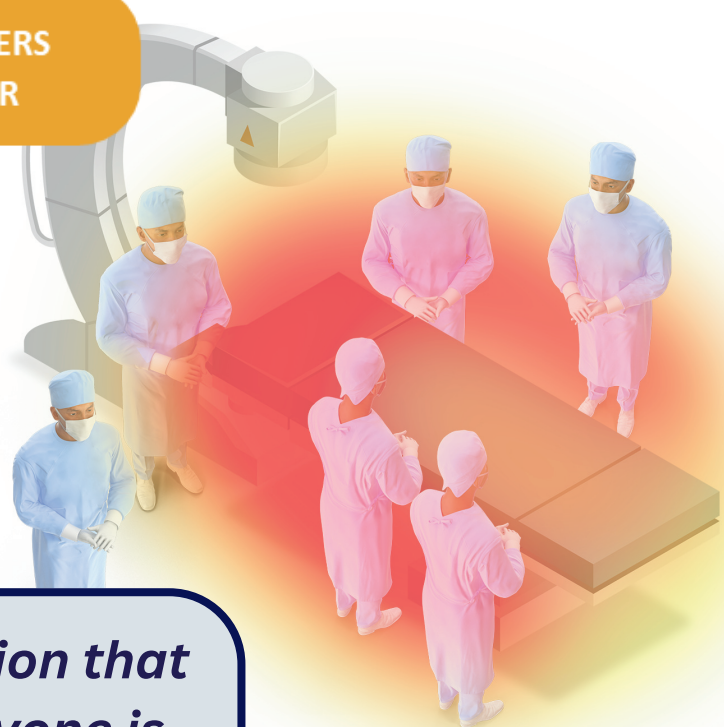
INTERVENTIONAL PHYSICIANS
3 mSv DOSE PER YEAR



NUCLEAR PLANT WORKERS
1.23 mSv DOSE PER YEAR



GENERAL PUBLIC
0.62 mSv DOSE PER YEAR



Having a solution that protects everyone is critical. The protection we get with EggNest is incredible!

Joe Tuma, MD
Monument Health



Interventional teams have the highest radiation exposure of all professions



THE SOLUTION



EggNest XR is a comprehensive passive radiation protection platform fully integrated into the modern interventional workflow

Structural Head Shield

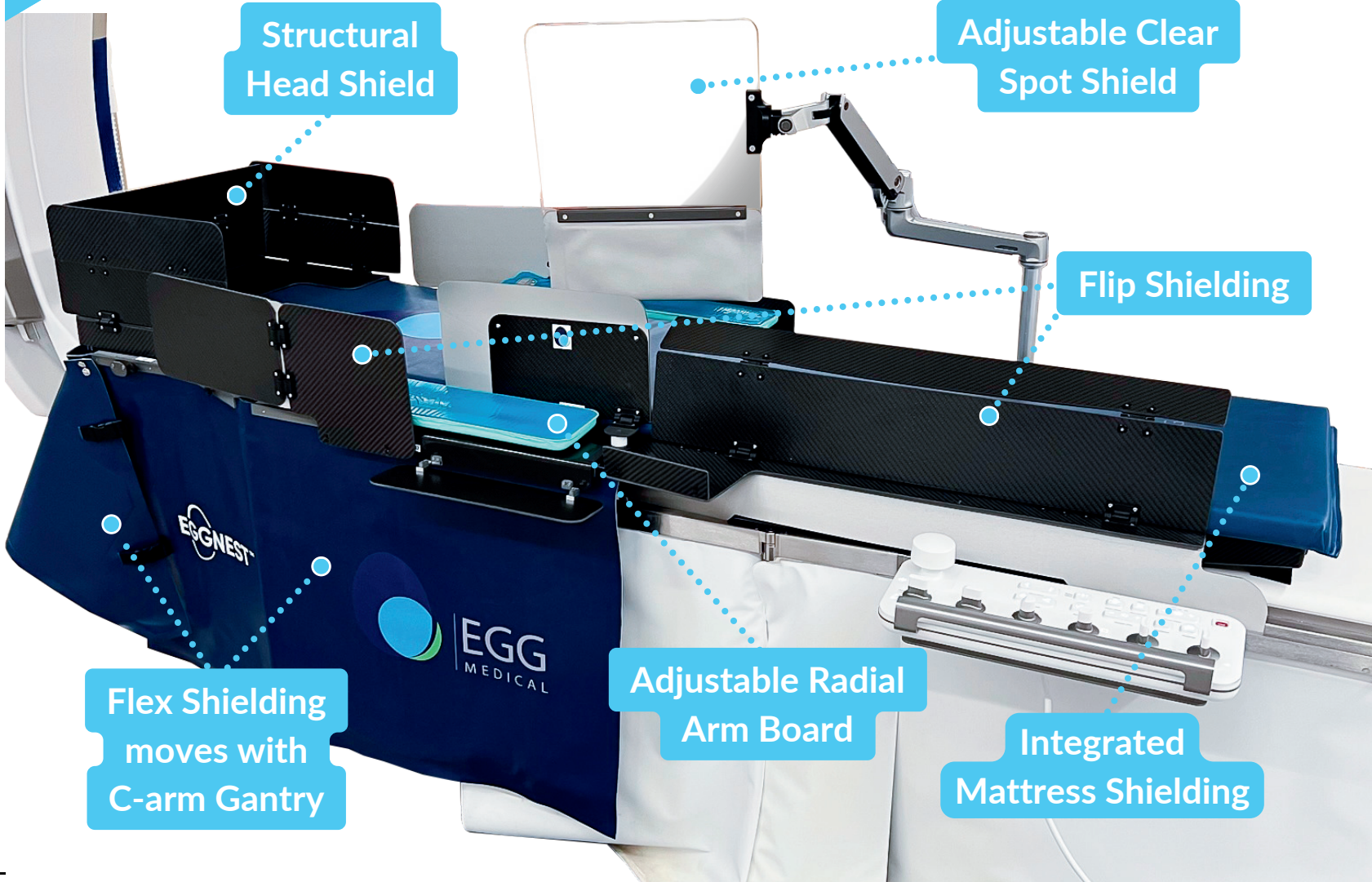
Adjustable Clear Spot Shield

Flip Shielding

Flex Shielding moves with C-arm Gantry

Adjustable Radial Arm Board

Integrated Mattress Shielding



THE DATA

UP TO

97%

RADIATION REDUCTION

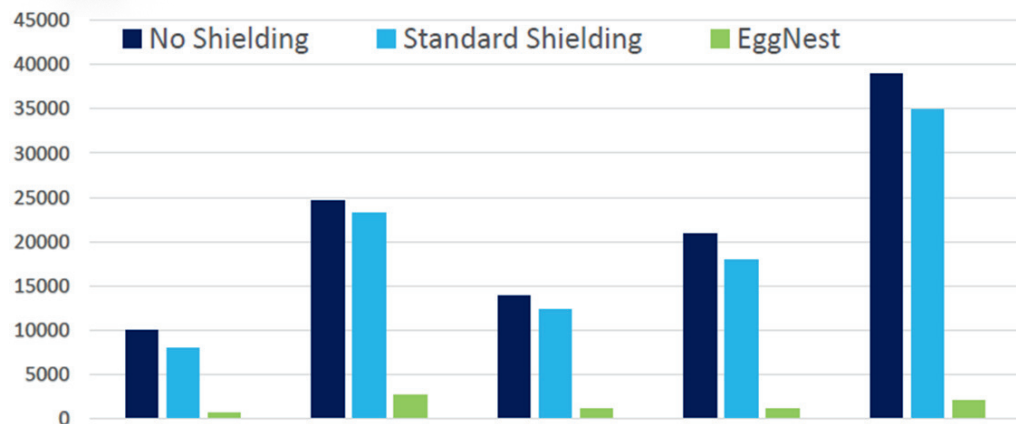
When using the EggNest System as indicated



Effect of EggNest™ on Scatter Radiation Around the Table

- 1 Echo / Implanting EP ↓ 97%
- 2 Anesthesia / Jugular Access ↓ 89%
- 3 EP Scrub Tech ↓ 90%
- 4 Angiographer ↓ 92%
- 5 Radiology Tech ↓ 82%
- 6 Nurse ↓ 92%

Total Room Scatter Radiation (μSv/h)



Total Room SR (μSv/h)	PA	RAO30 Caud20	RAO 30 Cran30	LAO40 Cran30	LAO40 Caud30
No Shielding	10010	24540	13910	20850	38910
Standard Shielding	7910	23230	12330	17960	34870
EggNest	640	2670	1210	1110	2040

Wilson R et al: TCT 2018