



# **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



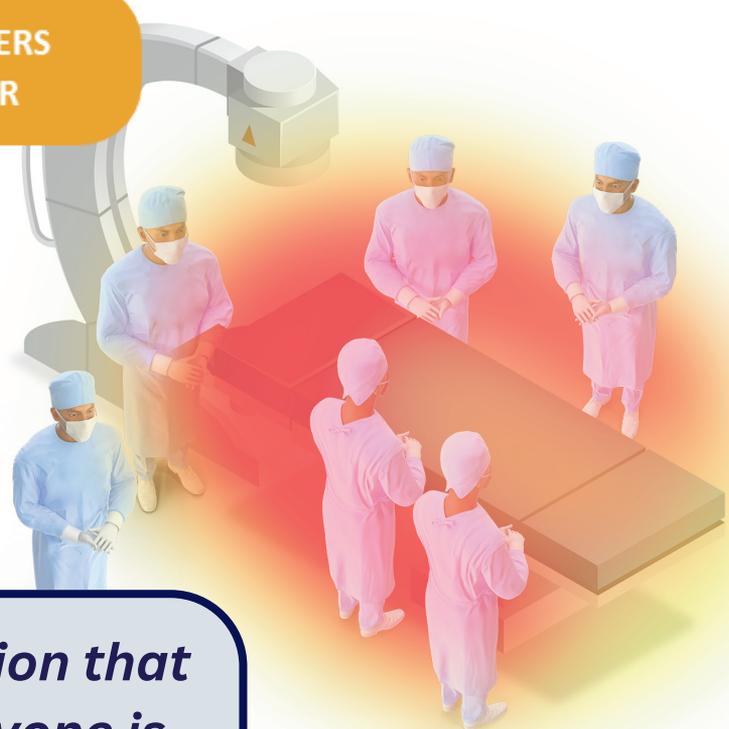
**INTERVENTIONAL PHYSICIANS**  
3 mSv DOSE PER YEAR



**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

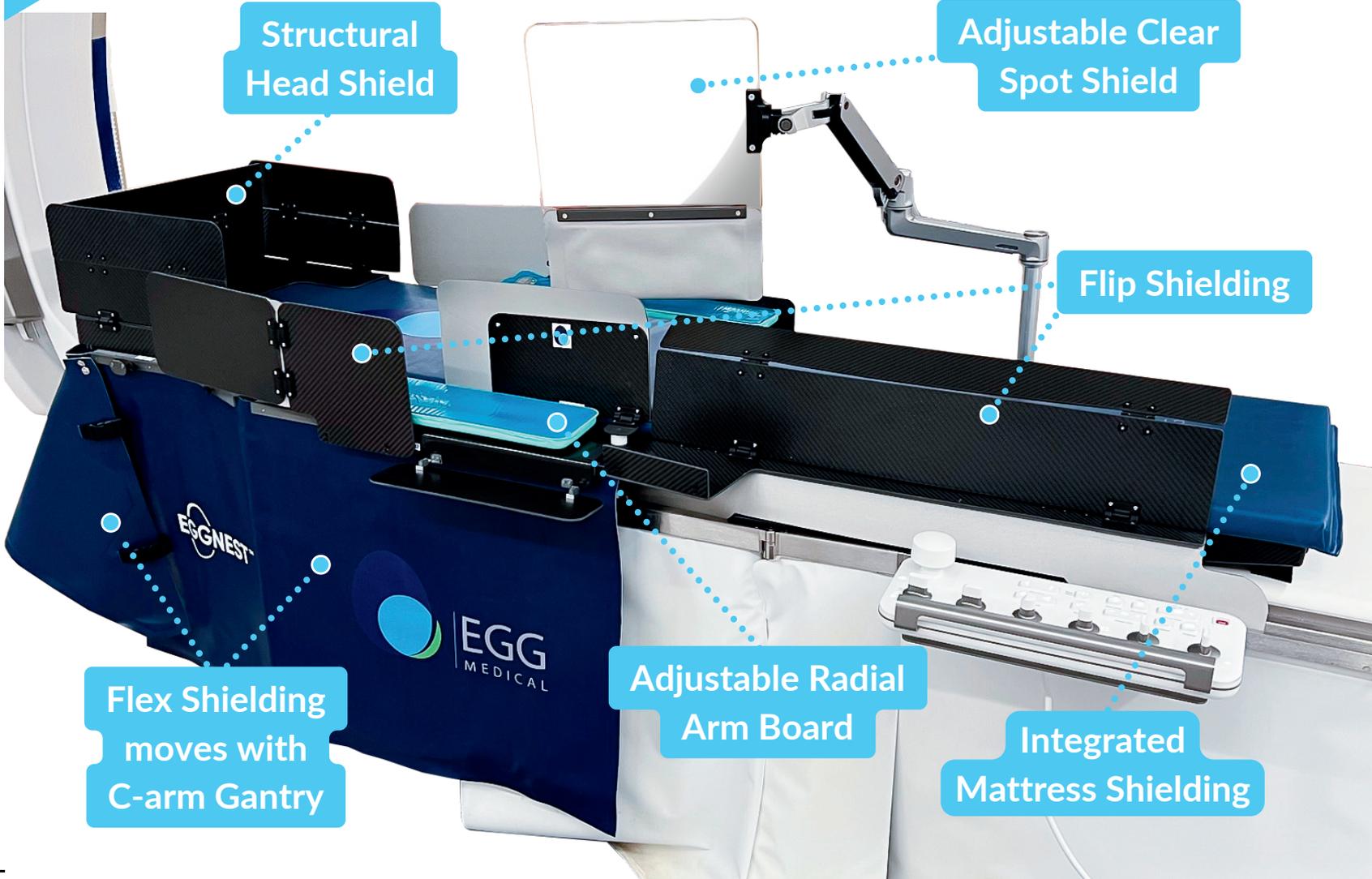
Adjustable Clear Spot Shield

Flip Shielding

Flex Shielding moves with C-arm Gantry

Adjustable Radial Arm Board

Integrated Mattress Shielding



# THE SOLUTION



The next generation in EggNest technology, with a thinner platform, Jam-board style flip shields and retractable flex shielding that allows for full C-arm rotations



*Interventional Echocardiographers have been under-protected during procedures. With EggNest, I feel safe!*



Nadira Hamid, MD  
Echocardiographer  
Minneapolis Heart Institute



Structural Head Shield

Adjustable Clear Spot Shield



Jam-Board Shielding

Retractable Shielding

Integrated Mattress Shielding

# THE DATA

UP TO

# 97%

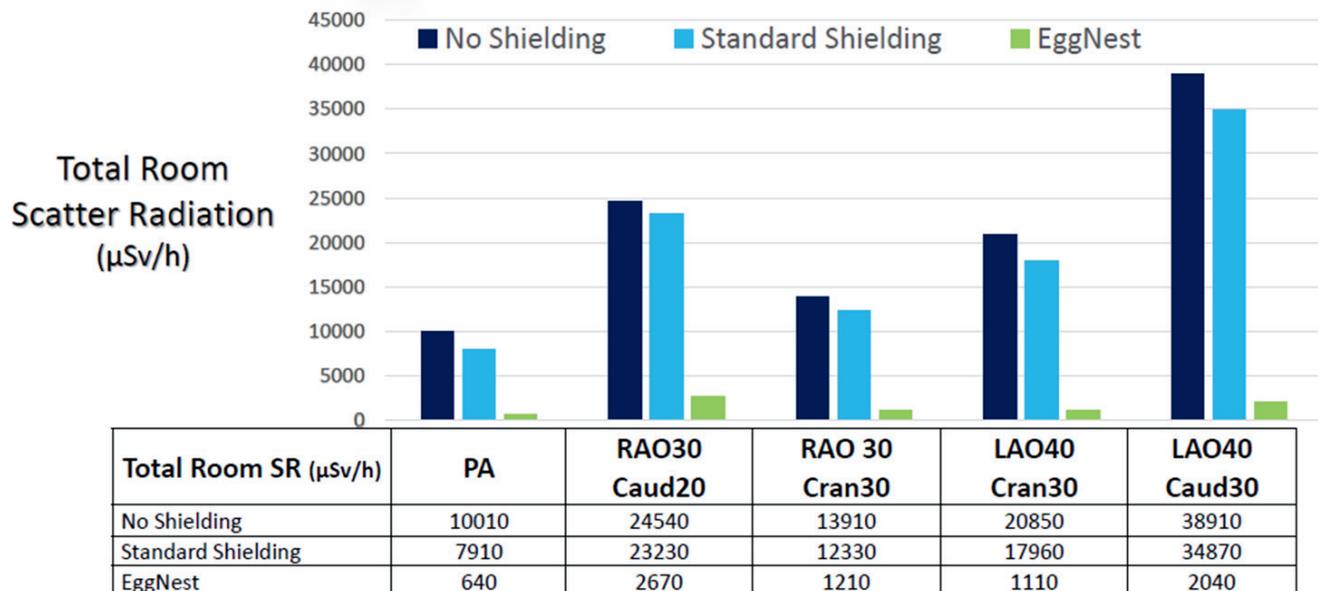
# RADIATION REDUCTION

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%



Wilson R et al: TCT 2018