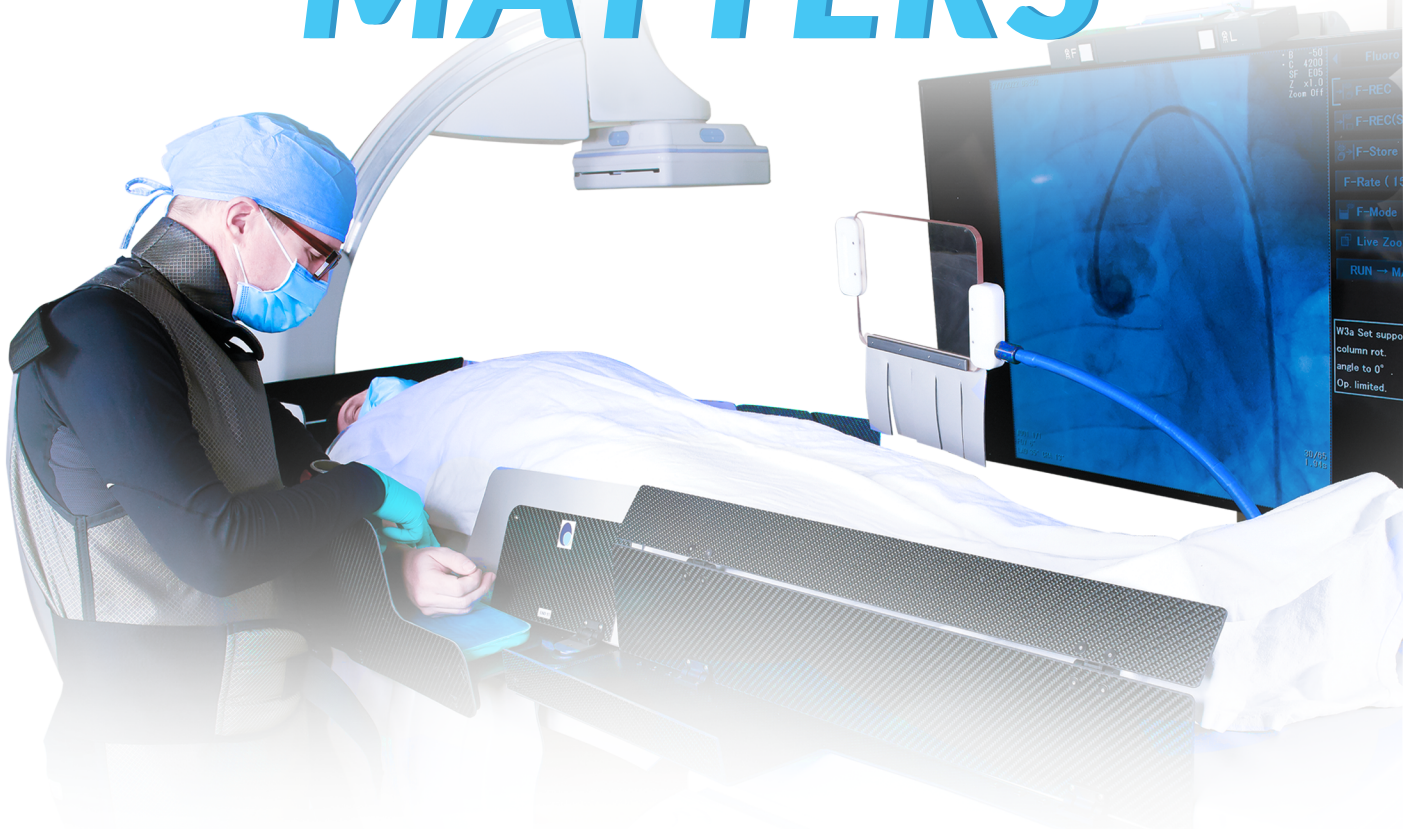




# SCATTER MATTERS






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

**91%** Overall Scatter  
Radiation Reduction

# SCATTER MATTERS

The 3C's of Scatter can cause serious Health Risks




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

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

**INTERVENTIONAL TEAMS HAVE THE HIGHEST RADIATION EXPOSURE OF ALL PROFESSIONS**

-  **INTERVENTIONAL PHYSICIANS**  
3 MSV DOSE PER YEAR
-  **NUCLEAR PLANT WORKERS**  
1.23 MSV DOSE PER YEAR
-  **GENERAL PUBLIC**  
62 MSV DOSE PER YEAR

**OCCUPATIONAL RISK FROM HIGH DOSE SCATTER RADIATION**

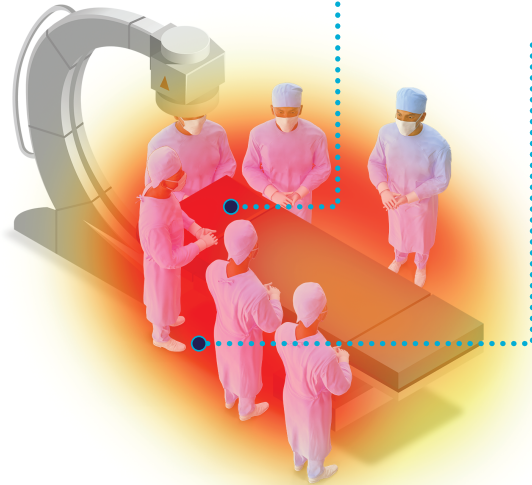
-  **RADIATION CAUSED CANCER**  
1 IN 25
-  **RADIATION CAUSED DEATH**  
1 IN 50
-  **REPRODUCTIVE HEALTH RISKS**  
SIGNIFICANTLY HIGHER

\* International Atomic Energy Agency: Occup Med (Lond). 2010;60(6):464-9. Zakeri F, Hirobe T, Akbari Noghahi K. Biological effects of low-dose ionizing radiation exposure on interventional cardiologists.

# Everyone Deserves Protection

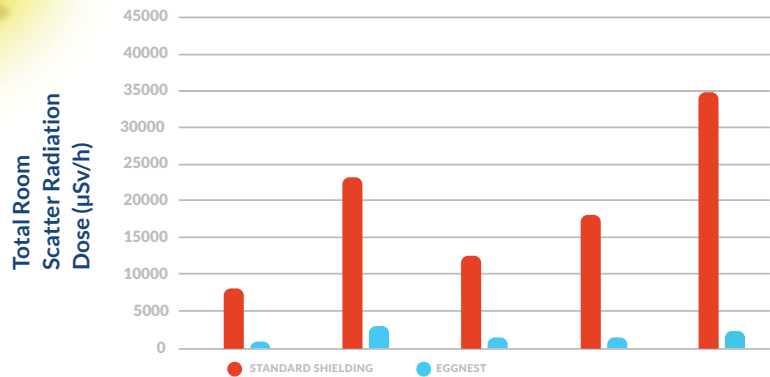
6x Scatter Radiation Risk at Head of the Table

70% of Scatter Radiation comes from Below the Table



Total Room Scatter Score Without Protection

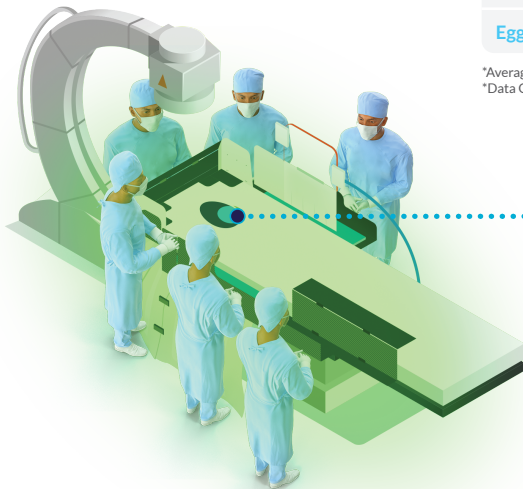
1200  $\mu\text{Sv}/\text{H}$



# 91%

## Overall Radiation Reduction

with EggNest™ Protection



Total Room Scatter Score With EggNest™ Protection

90  $\mu\text{Sv}/\text{H}$

Total Room Scatter Radiation Dose ( $\mu\text{Sv}/\text{h}$ )	PA 882	RAO 30 Caud20	RAO 30 Cran30	LAO 40 Cran30	LAO 40 Caud30
Standard Shielding	7910	23230	12330	17960	34870
EggNest™	640	2670	1210	1110	2040

\*Average scatter radiation dose for all heights and positions around the table.  
\*Data On File

Wilson R et al: TCT2018



Schedule a Virtual Demo today!

EGG Medical

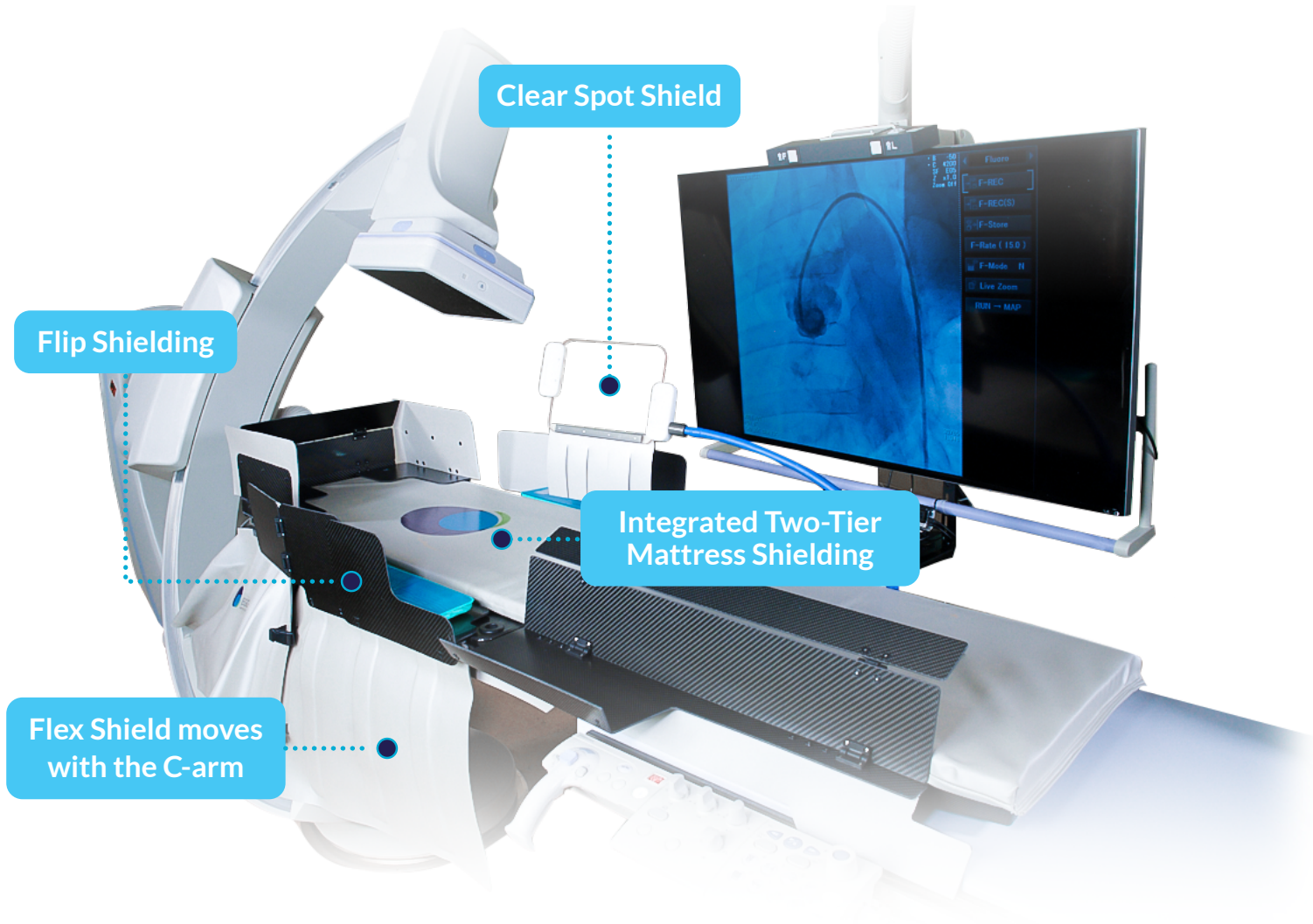
eggmedical.com

(612) 916-6616

info@eggmedical.com

# Scatter Radiation Protection Without Compromise

Maintain Workflow and Patient Access While Reducing Scatter Radiation by **91% Overall**

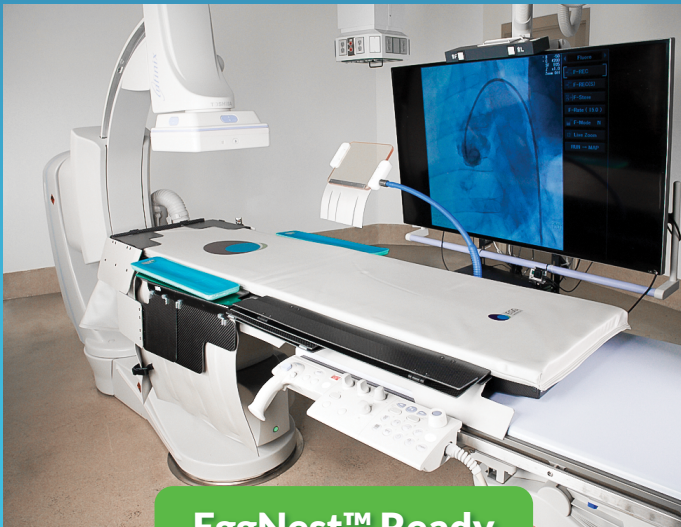


## With The EggNest™

Carbon fiber base platform with modular shielding components designed for optimal imaging and C-arm motion



# Protect the Entire Interventional Team from Scatter Radiation



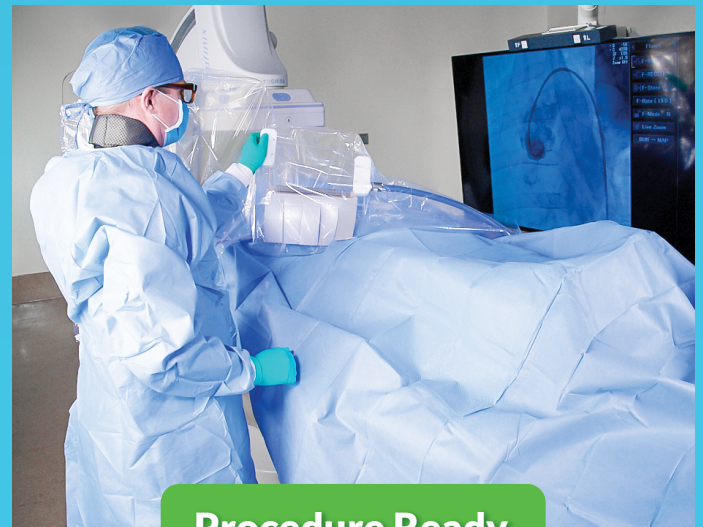
**EggNest™ Ready**



**Patient Ready**



**System Ready**

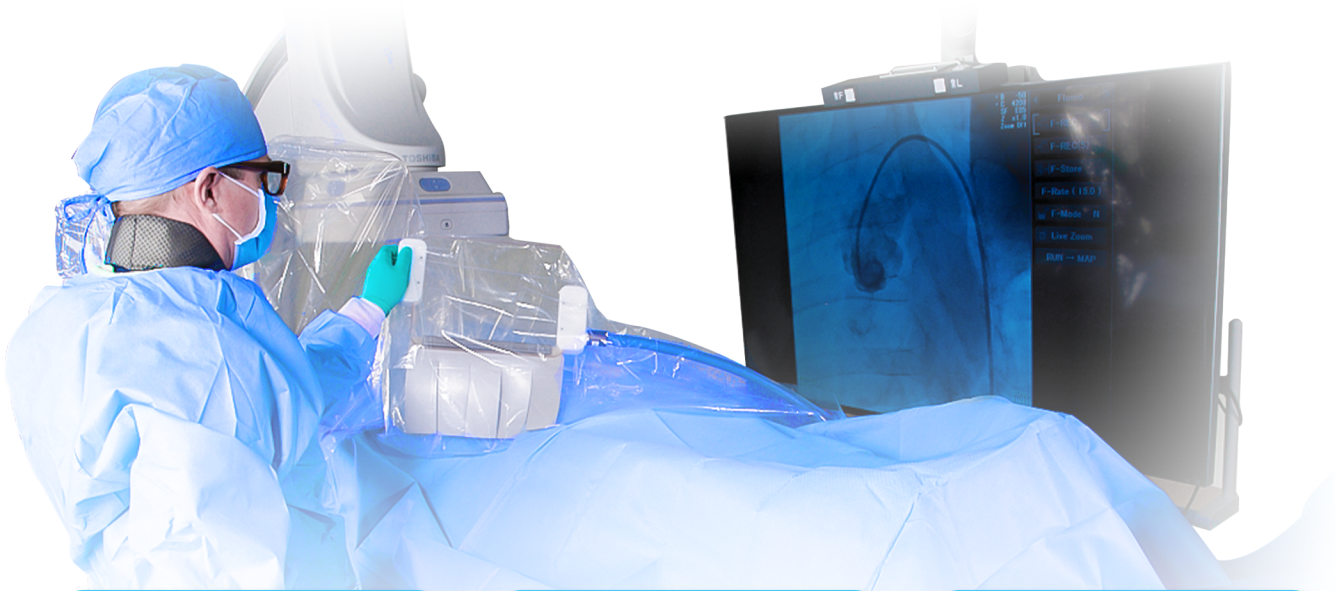


**Procedure Ready**

**Without Compromising Workflow  
or Patient Access**

# Reduce Your Scatter Score Today

**91%** Overall Radiation Reduction



*“Using the EggNest drops the amount of scatter radiation for the interventional team by over 90%, making it a much safer environment. Once it is set up, it is easy to use and easy to add on to any room.”*

**Dr. M. Nicholas Burke**

MINNEAPOLIS HEART INSTITUTE AT ABBOTT  
NORTHWESTERN HOSPITAL, MINNEAPOLIS,  
MN (CATH LAB DIGEST FEB. 2020)

*“We were one of the first sites in the U.S. to use the EggNest. With the EggNest, the patient is really in kind of cradle that allows protection for not only the physician, but for the entire staff. Most operators won’t notice it is even on the table.”*

**Dr. Vamsi Krishna, MD**

DIRECTOR CARDIAC CATH LAB, SETON HAYS  
MEDICAL CENTER, KYLE, TEXAS  
(CATH LAB DIGEST MARCH 2021)

*“The EggNest provides our entire interventional team with scatter radiation protection without workflow compromise. The system is a winner for our staff and for Atrium Health.”*

**Gina Harless, Cath Lab Nurse**

MANAGER ATRIUM HEALTH,  
CABARRUS NORTH CAROLINA



**Schedule a Virtual Demo today!**

 EGG Medical

 [eggmedical.com](http://eggmedical.com)

 (612) 916-6616

 [info@eggmedical.com](mailto:info@eggmedical.com)