



Amelior8®

Radiation Protection

[www.amelior8.us](http://www.amelior8.us)

**American made Shielding designs  
to be applied to tables, not staff**



Amelior8®

# State of the Art Shielding System Excel Plus FluoroTables



Up to 99% dose reduction for staff

“Our services are dedicated to providing quality radiation reduction solutions for intraoperative surgery and radiological procedure rooms”



### Important features

- Does NOT prohibit table top travel
- Table can be vertical or Trendelenburg
- Custom wall storage for convenience and productivity
- System can be easily customized

No installation or construction costs

## Quality Protection And Easy to Use

Please visit [www.amelior8.us](http://www.amelior8.us)  
for instructional videos

Contact: Tim Colling

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Call: 313.636.2288

Website: [amelior8.us](http://amelior8.us)

# DOSE SAVINGS VALIDATED BY INDEPENDENT PHYSICIST TESTING WITH 0.5MM PB EQ

A raised shield  
along with a  
lower shield  
proves to provide  
the best  
Protection

## LANDAUER<sup>®</sup> MEDICAL PHYSICS

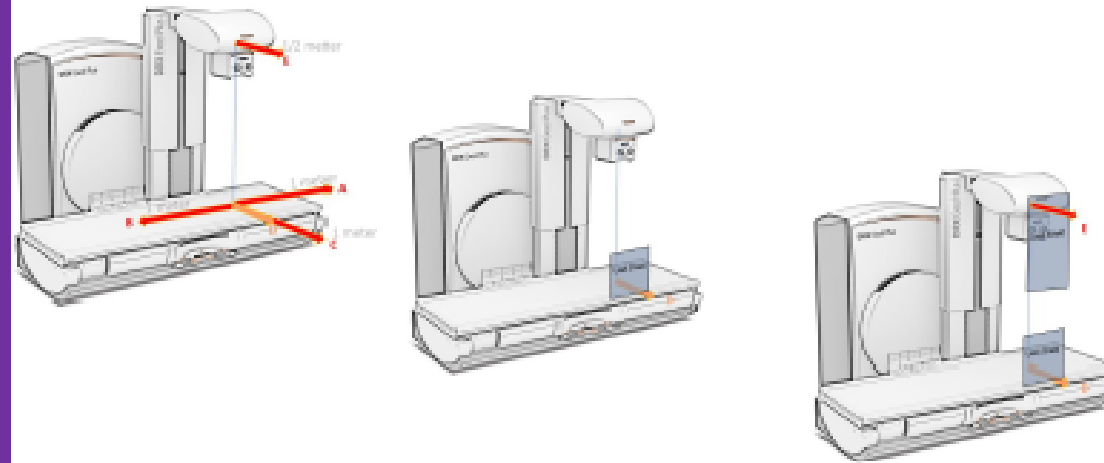
### RADIATION PROTECTION SURVEY

Facility: [Redacted]  
Location: [Redacted]  
Physician: John Bullock, MD, CMAT, NRC(OR) & Lic Dir, MD, DAB, DABSM

Department: Radiology  
Room: Fluoro 8m  
Date: 20-Jun-22

Survey Instrument	
Manufacturer:	Landauer - RaySafe
Model/Probe:	RDP-1 02 Quanta
Serial #:	25001661 220207
Cal. Date:	04-May-22 14-Nov-21

Survey Report: Please note that survey is for informational purposes - not to scale.



Radiation measurements taken in fluoro mode @ 15 kV, 22 mA.

Location	Top Shield	Min. Top Lead (mSv) w/ Lower half shield	w/ Full Shield	In 1 Equivalent position with shielding
A	48			60
B	48			60
C	40			50
D - Standing Spot of knee tech	150	2.55	2.5	1.2
E	60		1.7	

#### Comments

- The C-arm's X-Ray tube being placed above the table increases the exposure to the technologist's upper body.

*John Bullock, MD, CMAT, NRC(OR) & Lic Dir*

John Bullock, MD, CMAT, NRC(OR) & Lic Dir, MD, DAB, DABSM

20-Jun-22  
Date

**THE 2 SHIELD SYSTEM  
IS DESIGNED FOR  
WHEN A SINGLE STAFF  
MEMBER IS IN THE  
ROOM AND IS  
CENTERED TO THE  
SHIELDING DURING  
FLURO**

2 shield system



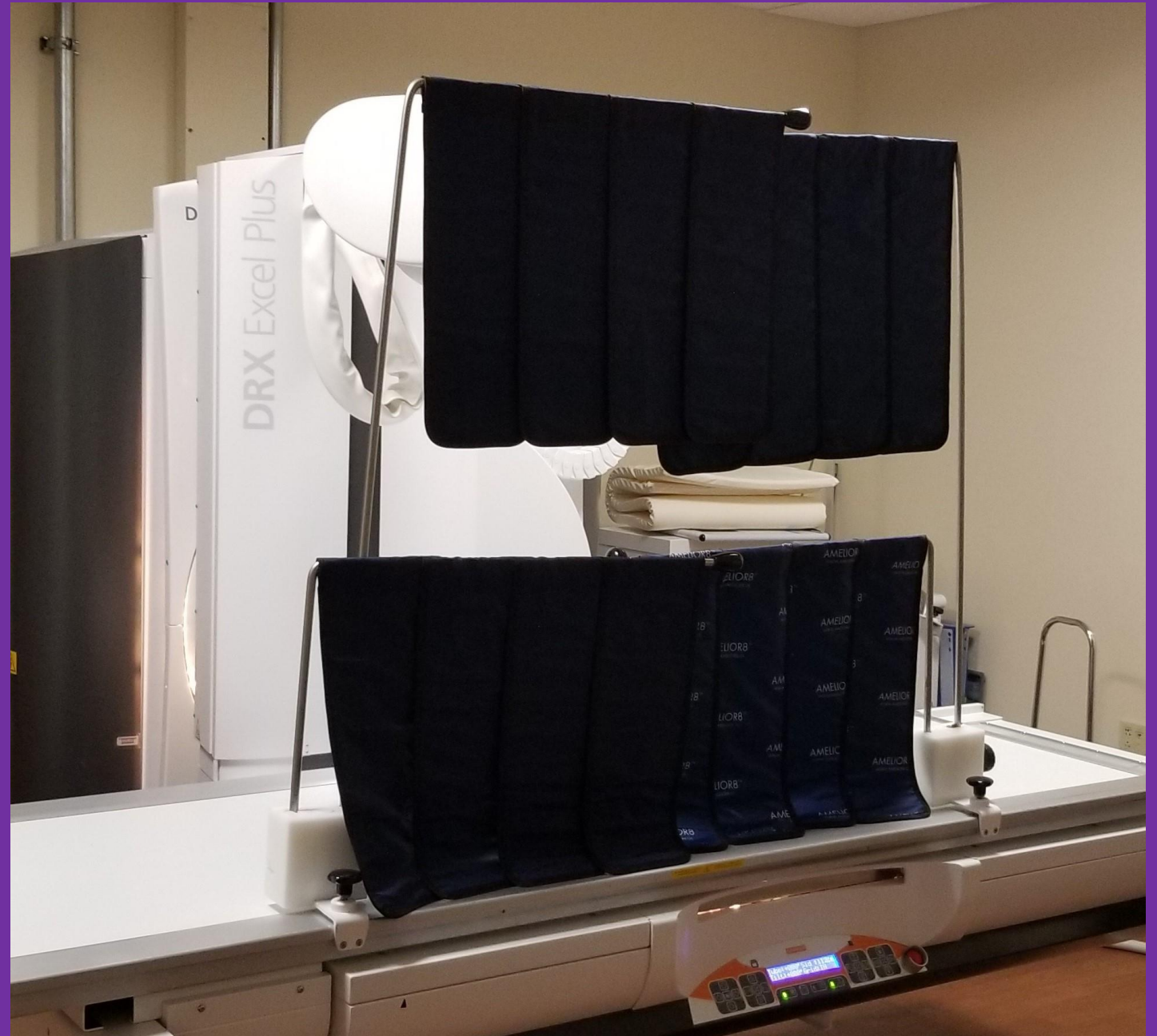
**THE 3 SHIELD SYSTEM IS DESIGNED FOR ADDITIONAL PROTECTION AND MAY BE USED WITH 1 OR 2 RAISED SHIELDS, OR 1 OR 2 LOWER SHIELDS**

## 3 Shield System



**THIS IS OUR 4  
SHIELD SYSTEM  
WHICH EXTENDS  
THE RANGE OF  
SHIELDING  
PROTECTION FOR  
STAFF**

**4 Shield \*Preferred\*  
System**



**THIS IS OUR 4  
SHIELD SYSTEM  
WHICH EXTENDS  
THE RANGE OF  
SHIELDING  
PROTECTION FOR  
STAFF AND  
PATIENT**

4 Shield \*Preferred\*  
System



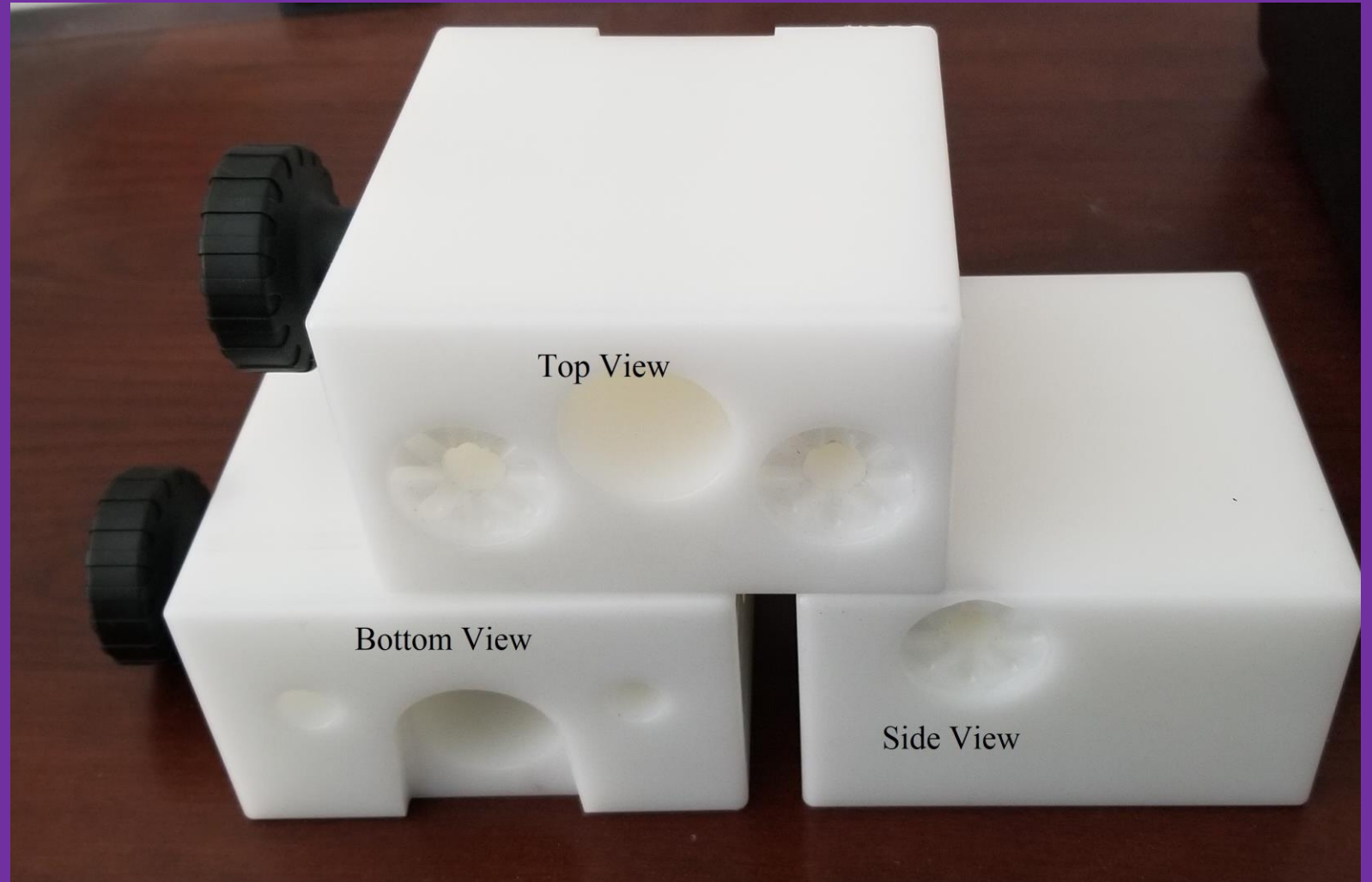
**THIS VERTICAL SHIELD MAY BE ADDED TO ANY SYSTEM FOR USE WHEN THE TABLE IS IN THE VERTICAL OR TRENDELENBURG POSITION**

Vertical  
Shield





**EACH SHIELD SUPPORT BLOCK HAS 8 DETENTS, SO THE SHIELD MAY BE ROTATED IN ANY 90 OR 45 DEGREE DIRECTION AS THE X-RAY TECH CHOOSES. ALSO THE DETENTS HOLD THE SHIELD IN PLACE BUT ARE SHALLOW ENOUGH TO EASILY JUMP POSITIONS IF THE X-RAY TUBE HITS THE SHIELD... THIS DESIGN DOES NOT CAUSE DAMAGE TO THE EQUIPMENT - THE VERTICAL AND TRENDELENBURG SHIELD SUPPORTS ARE THE SAME. THE BOTTOM ALIGNS OVER THE HANDGRIP AND IS LOCKED IN PLACE.**



**AMELIOR8 WALL  
STORAGE SYSTEM  
\* INCLUDED WITH  
ALL SYSTEMS\***

For the best productivity  
the Wall Storage System  
should be mounted on a  
wall in Front of the table.  
System can be installed in  
60 seconds



**OTHER SHIELD  
OPTIONS INCLUDE  
FULL SHIELDING TUBE  
TO TABLE TOP**

Longer Shield may be  
added to or exchanged  
to any system



**ADDITIONAL SHIELD  
OPTIONS MAY BE  
REQUESTED – PLAIN  
DARK BLUE W/BLACK  
TRIM IS STANDARD.  
0.5MM PB EQ**

**CUSTOMIZED SHIELD  
COVERS ARE AN OPTION,  
AT AN INCREASED COST**



SHIELD SIZES MAY BE CUSTOMIZED AT YOUR  
REQUEST.      ADDITIONAL SHIELDS MAY BE  
APPLIED WITH THE PURCHASE OF  
ADDITIONAL EXCEL PLUS HAND GRIPS

Please visit our website for instructional videos  
and Shielding options for other modalities.

[www.amelior8.us](http://www.amelior8.us)