



14

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Radiation Exposure Using Rampart vs Standard Lead Aprons and Shields During Invasive Cardiovascular Procedures

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Highlights

Rampart reduces total body radiation compared to traditional lead aprons and shields.

Rampart significantly reduces radiation to the head and neck.

Rampart enables lead-free invasive cardiac procedures



RAMPART vs. LAS for Radiation Protection



Lead Apron & Shield	Rampart	p-value
2.2 (1.3,3.9)	0.2 (0.1,0.4)	< 0.001
1.2 (0.5,2.3)	0.2 (0.1,0.4)	< 0.001
0.0 (0.0,0.1)	0.2 (0.1,0.4)	< 0.001
1.9 (0.5,3.4)	0.2 (0.1,0.4)	< 0.001
4.3 (2.3,8.9)	0.4 (0.3,0.7)	< 0.001
0.0 (0.0,0.2)	0.2 (0.1,0.7)	< 0.001
2.3 (1.3,3.9)	0.2 (0.1,0.4)	< 0.001
2.2 (1.3,3.9)	0.1 (0.0,0.1)	<0.001

The Rampart significantly reduces total body radiation compared to traditional lead aprons and shields

The Rampart Defender significantly reduces total body radiation exposure for catheterization lab teams during invasive cardiovascular procedures compared to traditional LAS. This has important implications for the health and safety of lab teams, potentially **allowing procedures without the need for lead aprons.**



BORE PROTECTION THAN STANDARD LEAD APRONS & SHIELDS

MKT077-REV A

DEFENDER

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GUARDIAN Floor-Mounted or Ceiling-Mounted

3 RAMPARTE

TOTAL TEAM PROTECTION

Discover the Rampart Portfolio









X

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Contact our team

SENTRY