STEMRAD® MD

Exoskeletal System for Radiation Protection

Current x-ray protective solutions are either too heavy or too limiting to the practitioner's mobility. Critically, many solutions lack the protection necessary. The StemRad MD exoskeleton carries the weight of the shielding, relieving you from the pain of wearing lead without compromising your protection. Importantly, the StemRad MD provides you with complete freedom of movement. **More protection, absolute freedom- StemRad MD.**

- Greater Coverage and Attenuation
- Weightless to the user
- Full Head Protection (wear your own prescription glasses)
- Full mobilty and enhanced ergonomics
- Musculoskeletal Relief

- Long-term use of protective lead aprons is correlated with neck, spine, hip and knee injuries (musculoskeletal disorders)
- Current protective solutions lack fundamental ergonomics and offer compromised protection
- Interventionalists sometimes refrain from using heavy protective gear and instead wear light aprons – thus exposing themselves to radiation risks
- StemRad MD is the only solution that offers full freedom of movement, which does not come at the cost of reduced radiation protection

"At the end of the day, our spines, hips, and knees ache from the burden of the protective apparel we wear. Although numerous lead apron designs have been developed and marketed as ergonomically superior, no truly successful design exists."

Source: Klein, Lloyd W., et al. "Occupational health hazards in the interventional laboratory: time for a safer environment." Catheterization and Cardiovascular Interventions 73.3 (2009).

STEMRAD MD

Shielding Medical Teams from Radiation

From the makers of radiation protection for astronauts, now a groundbreaking solution for medical teams: the StemRad MD Exoskeletal System

StemRad is a leader in the radiation protection field, specializing in harmful ionizing radiation. We create radiation protection equipment for medical teams, nuclear reactor workers, first responders, the military and NASA astronauts (in collaboration with Lockheed Martin)

Top: StemRad MD Exoskeletal system

Right: StemRad's AstroRad radiation vest as shown on the International Space Station in January 2020. AstroRad is a critical tool for astronauts on their voyages to the Moon and onto Mars.

To sign up for trials please contact

www.stemrad.com

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