

# EP LAB DIGEST



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## Introducing Prometheus™ Radiation Protection Drapes

**A** new radiation protection system designed to protect physicians and staff in the electrophysiology (EP) lab was introduced at the NASPE-Heart Rhythm Society 2004 meeting in San Francisco. The system is a new line of radiation protective drapes and shields that absorbs radiation and stops as much as 97% from reaching the physician and staff members. Todd Cohen, MD, in collaboration with Worldwide Innovations & Technologies, Inc. (WIT), designed these products. The new products are called Prometheus™ radiation protection drapes and shields, and they have been specifically created for the EP lab.

With over 15 years in the EP lab, Dr. Cohen is quite familiar with the challenges and radiation exposures that exist. Dr. Cohen, who personally performs a very large volume of EP procedures, began using the

RADPAD® radiation protection products approximately two years ago. As a result, he has reduced his exposure significantly (over 50%). After using these products, Dr. Cohen decided that specially designed

drapes and shields for the EP lab were needed. EP procedures are known for long fluoroscopy times and significant radiation exposures. Thus, the operator and the support technologist are greatly exposed to scatter radiation. Dr. Cohen wanted to address this problem by expanding the coverage area and increasing the attenuation levels. He worked with WIT to bring improved radiation protection products and new designs to the EP lab in the form of Prometheus™ radiation protection drapes and shields.

These Prometheus™ radiation protection products are the latest in a growing list of WIT radiation protective products. The following are some important questions and answers regarding these new products.

### What are Prometheus™ drapes and shields?

The Prometheus™ drapes and shields are part of the rapidly growing RADPAD® line of radiation protection products, all of which are sterile, disposable, and lead free. The products come in full patient drapes as well as special stand-alone shields that block secondary (or scatter) radiation as it emanates from the patient. The Prometheus™ products are different from other RADPAD® shields and drapes in that they have been developed specifically for the electrophysiology lab with especially high attenuation capabilities. However, these drapes and shields will also work well in interventional radiology and interventional cardiology.

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