

MEDNOVUS™

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SAFESCAN® Intercept Pillar™ System

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The American College of Radiology (ACR Guidance Document for Safe MR Practices: 2007), the Joint Commission (Sentinel Event Alert #38), and the Veterans Administration now recommend ferromagnetic detection for MR Safety.



Variable Width

- Intended for ambulatory patients, visitors and staff
- Designed and built for durability with patented technology to improve sensitivity
- Variable width configuration for siting flexibility
- Lightweight and reconfigures / repositions in seconds
- Conforms to ACR, Joint Commission, and VA recommendations for ferromagnetic detection screening

The SAFESCAN Intercept Pillar System

Our SAFESCAN product line proudly features our new ferromagnetic detection Intercept Pillar:

Based upon years of research experience with ferromagnetic detection portals, these innovative variable aperture pillar pairs set a new benchmark for excellence for MR Safety.

The SAFESCAN Intercept Pillar systems are our most cost-effective pass-through ferromagnetic detection system. They have a fundamental technology advantage because they have their own small, non-radiating, passive (DC) magnetic field to improve sensitivity and detection capability.

We emphasize that the independent field of our SAFESCAN products, including the Intercept Pillar, is completely passive (i.e., DC) and there is NO electromagnetic radiation. Imaging quality will not be affected in any way, nor will credit cards be erased. Cell phones are unaffected. The Intercept Pillar system can be used with pacemakers for medically cleared patients. (However, most centers do not scan patients with pacemakers in the first place.) The field diminishes to less than 5 gauss at a distance of 2 feet.

Since the SAFESCAN Intercept Pillar system operates completely independently of the MRI fringing field, they can be placed wherever it makes the most sense in an MRI center. This is a siting advantage. And because each pillar weighs less than 40 pounds, it takes only seconds to reposition or reconfigure the pillars, wider, narrower or to a completely new location.

The SAFESCAN Intercept Pillar systems are properly used as a double-check safety precaution after the patient has been medically cleared to enter the magnet room.

The SAFESCAN Intercept Pillar Systems are specifically designed for pre-MRI ferromagnetic (ONLY) detection. These advanced pass-through ferromagnetic detectors are completely self-contained instruments with two-tone audio alarm and individual-side alarm lights easily visible from both the front and the back to maximize MR Technologist convenience.

When in a narrow configuration of 28-inches, SAFESCAN Intercept Pillar is in position for greater sensitivity for smaller ferromagnetic threats in the midline. When positioned up to 52-inches apart, the Pillar system can be sited to protect a doorway, either into Zone III or within Zone III protecting the door into the MRI scanner room (RF entry doors into MRI scanner rooms are frequently 48-inches wide).

It is recommended to employ the Intercept Pillar system in conjunction with the hand-held Target Scanner™.

The components of the Intercept Pillar system are of the highest quality to maximize signal-to-noise ratio, detectability, and durability.

Reference For SAFESCAN Pass-Through Systems:

One major center using our SAFESCAN® pass-through systems is the Weill Cornell Medical Center/New York Presbyterian Hospital, a renowned world-class facility.

Steven Herrmann, Imaging Director, is an excellent person to speak with regarding the performance of our pass-through products – and the customer service provided. Steve is intimately familiar with both pass-through ferromagnetic detection systems, both Mednovus' and another manufacturer's product, and can give an enlightened and unbiased comparison. He can be reached at 212-746-2534.

Mednovus' Alliances:

Mednovus, Inc. is in alliance with Quantum Magnetics, the "*Center for Excellence for Magnetics*" for the world leader in mission-critical detection applications. Using the scientific skills of our research team, the SAFESCAN ferromagnetic detection systems are designed solely for MR Safety with the goal of providing superior, affordable, and easy-to-use technology.

Mednovus, Inc. was recently awarded a National Institutes of Health grant to further develop the field of ferromagnetic detection for MR Safety. In addition, Mednovus has an ongoing development project with the National Research Council, Canada (NRC), equivalent to the NIH, and Mednovus is a member of the AHRA Leadership Council (by invitation).

Why Ferromagnetic Detection?

You have invested millions in your MRI Center. When accidents occur, your image in the community and your investment suffer.

Our goal is to help your Center protect your patients, your magnet – and your responsibility to your investment's bottom line.

Mednovus has a deep commitment to providing the most advanced technology for MR Safety. We have an equally deep commitment to a partnering relationship with our customers to give them superior value.

Working together with your staff, our goal is to help you implement the safest possible program to defend against ferromagnetic missile-threat accidents.

A patient accident can be a very expensive financial disaster. A magnet quench is also an expensive proposition, in addition to causing downtime, inconvenience, and scheduling snafus.

The cost of even a single accident is usually far greater than *all* the SAFESCAN products combined, including our SAFESCAN Intercept Pillar system, and SAFESCAN Target Scanner.

Our focus is to deliver the best quality ferromagnetic detection systems for MR Safety in the marketplace, and to excel in customer service. We welcome the privilege of helping you protect your patients, your magnet – and your bottom line.

Patient Safety, Our Top Priority:

Representing years of research by world-class scientists, the SAFESCAN ferromagnetic detection instruments are designed to make the safety of your MRI patients our absolute top priority. However, it is a fact that no technology, no matter how sensitive, is 100% effective. The combination of current medical screening protocols with properly-used ferromagnetic detection systems is better than each alone in helping to make an MRI center safer.

We are a company with a deep commitment to problem solving through innovation and technology. Nevertheless, the conscientiousness of your MR Technologist is the single most important consideration in protecting your patients. Your MR Technologist is the patient's best friend!

This is a preliminary introduction, with the goal of providing meaningful and realistic information upon which to base your mission-critical decisions.

It would be a pleasure to discuss your MR Safety program. We can do our best for you when we learn about your exact requirements and specifications.

THANK YOU!

**Ferromagnetic detection is intended to supplement -
but NOT to replace conscientious medical screening protocols.**