

a powerful competitive advantage

Given VisTa's compelling benefits, designers and manufacturers who incorporate it in the products they bring to market will realize a distinct and powerful advantage in today's competitive medical device marketplace.

The right material + the right technology = a breakthrough product

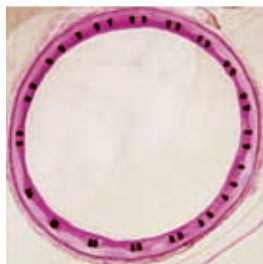
Self-expanding devices present a particularly complex coating challenge, one that VisTa was specifically developed to meet. The sophisticated, patent-pending VisTa coating process, optimized for Nitinol, utilizes tantalum because it's one of the most biocompatible elements known, with characteristics that render it ideal for implanted medical devices.

The tantalum coating is applied with technology that Isoflux has pioneered to efficiently create highly uniform coatings and surfaces. Studies have shown that the inherent properties of Nitinol devices are not compromised. There are no significant changes in the chronic outward force, the radial resistive force, or A_f as a result of the coating.

Isoflux Biomed's innovative coatings are designed to address the challenges and opportunities faced by medical device manufacturers as they seek to bring new and improved products to market. And we've achieved a significant breakthrough with VisTa.

Biocompatibility assured

Nitinol stents coated with VisTa are highly biocompatible. Thirty-day and six-month porcine studies showed no statistical difference in stenosis, intimal thickness, injury score, or inflammation score between VisTa coated stents and bare Nitinol control stents.

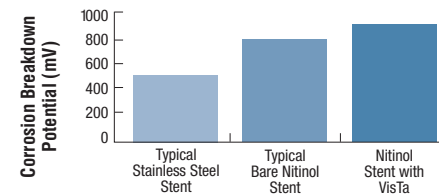


Thirty-day histology of a Nitinol stent with VisTa coating in a porcine model

Because the tantalum coating is non-ferromagnetic, MRI compatibility is similar to bare Nitinol devices.

Reliably strong, flexible, and corrosion resistant

VisTa offers a high degree of coating integrity and adhesion. Because of its unique structure, it won't flake. It flexes with the device. Extensive testing has shown that VisTa coatings adhere extremely well through the full range of crimping and expansion.



Testing shows that VisTa stents exhibit equivalent or superior corrosion performance when compared with bare Nitinol stents.

Tantalum technology, at an attractive cost

VisTa coatings are comparable in cost to markers and rivets. When the enhanced marketability of your devices is factored in, VisTa is clearly worth exploring.

Let's look to the future together.

We're eager to discuss the future of this exciting technology with you. A variety of arrangements can be pursued, ranging from licensing, to equipment sales and training, to full-scale outsourced production.

If you're a device designer or developer, we welcome the opportunity to collaborate on the next generation of your medical devices. Samples of VisTa coatings can be prepared to your specifications on your products.

Contact us today

585.349.0640, extension 106
vista@IsofluxBiomed.com

Isoflux Biomed: a world leader in coating technology

Isoflux Biomed is a division of Isoflux Incorporated, a world leader in commercializing innovative surface engineering technology. Isoflux's groundbreaking ICM 10 Coating System, an easy-to-use, push-button cylindrical magnetron, is designed to manufacture coatings in high-volume production environments.

Isoflux's equipment and processes have attracted the attention of leading innovators in the fast-growing field of biomedicine. Isoflux Biomed was formed to work closely with these companies to develop and manufacture coatings and surfaces that improve the performance of their products and devices.

Isoflux was founded in 1993 and the company's technical team holds numerous patents in the surface engineering field. Visit our website to learn more: IsofluxBiomed.com



visualizing

The Benefits of VisTa...

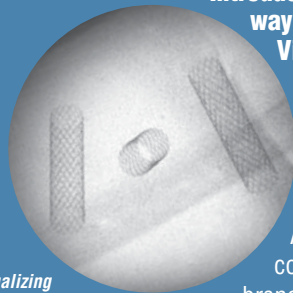
For physicians—
faster, easier procedures, better patient outcomes

For designers and manufacturers—
improved marketability among practitioners,
the ultimate drivers of purchasing decisions



10 Vantage Point Drive, Suite 4 | Rochester, NY 14624
©2007 Isoflux, Incorporated. All rights reserved.

▶ **dramatically improved visualization**



For visualizing proper device orientation, VisTa offers a clear advantage.

Introducing a new way—a better way—of seeing: Isoflux Biomed's VisTa tantalum coating

Devices coated with VisTa are completely radiopaque, providing doctors with the ability to *easily visualize both proper position and orientation*. And as procedures become more complex, such as those involving branched and fenestrated stent-grafts, that ability is critical. VisTa improves visualization so significantly that no other markers are required.

Dramatically improved visualization delivers greater accuracy and ultimately faster, easier procedures. And faster, easier procedures clearly benefit physicians and patients alike.

Interventional vascular procedures call for the utmost precision. Accurate device placement is critical and specialists often rely on radiopaque markers to guide them during their delicate work.

But because markers don't afford complete visibility, device orientation can be difficult, sometimes impossible, to determine. And that can add time and make some already challenging procedures even harder.

But what if doctors could see the whole picture? What if the device itself were visible?

VisTa™ clear

bare Nitinol stent

Nitinol stent with VisTa

Turn over to learn more



the future of **vascular implants**

