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10 Finalists Chosen for Supplier Innovation Challenge (Professional Plating)

Posted in [Contract Manufacturing Services](#) by Arundhati Parmar on February 5, 2015

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Name of Supplier
Professional Plating

Describe an innovation your company developed between 2012 and the present and its potential application in medical devices.

The Vizi-Band is a radiopaque marker coating innovation. It is a patent pending metal coating process that atomically bonds directly to a catheter, guide wire, stent, or similar device with the ability to be applied anywhere along the medical device.

How does the innovation work? Please describe the technology.

The highly radiopaque and biocompatible metal coating is applied to any section of the desired medical device, with endless options for customization depending on the application. Vizi-Band is a replacement for traditional marker bands with potential performance and cost advantages.

Describe how your innovation adds value for medical device OEMs. Can it make work processes more efficient, reduce costs, improve quality, or improve patient outcomes?

There is a process reduction with the use of Vizi-Band coating technology that can create cost savings in both labor and materials. Whereas traditional machined marker bands are individually installed on catheters by hand, Vizi-Band markers are coated directly to the medical device and this can be accomplished in large volumes simultaneously for maximum efficiency.

Where radiopacity requirements are lower, Vizi-Band marker coating can be applied thinner than traditional marker bands that are machined which will impart a performance advantage of a lower profile while reducing material costs.

What distinguishes your product/service from those of competitors and what makes it unique in the market?

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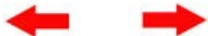
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Traditional radiopaque markers are not coated to the device itself. Instead they are either infused into the catheter jacket (metal-filled polymers) or crimped on to the device (machined bands). These products have known risks such as long-term storage degradation of the metal-filled plastic and dislodgement of the crimped on markers. With Vizi-Band these risks are eliminated because the radiopaque coating is bonded at an atomic level and does not degrade over time.



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