UBM Canon

MEDICAL DEVICE AND DIAGNOSTIC INDUSTRY

JULY 2012

MD+DI

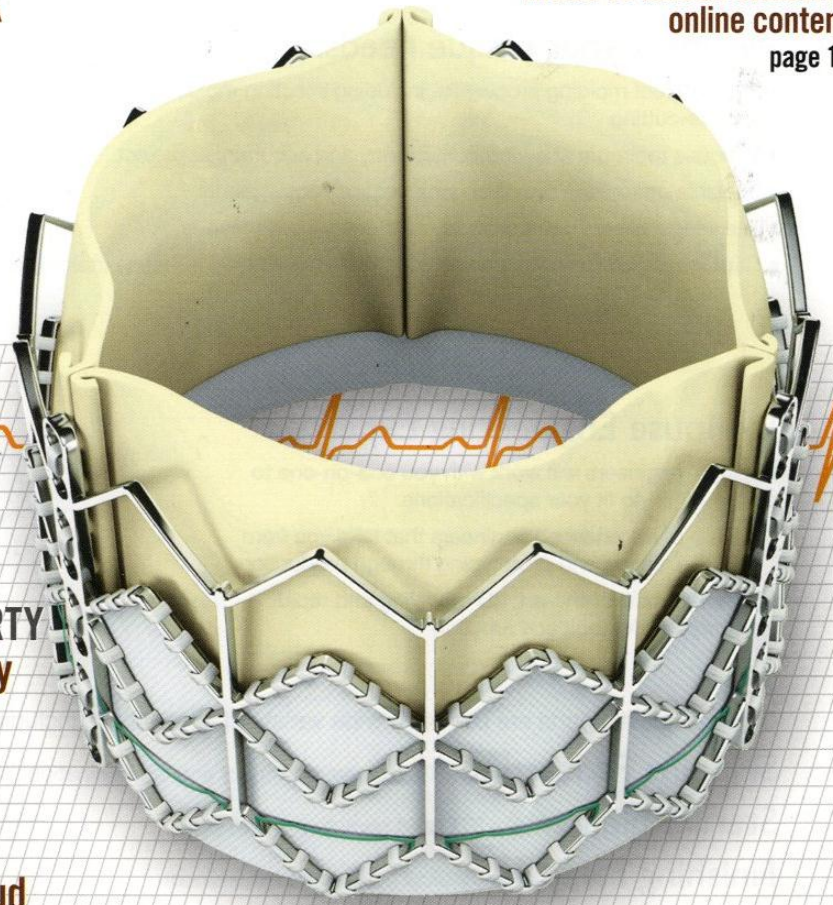
CARDIOVASCULAR TRENDS

Can TAVR Save the Sector?

page 34

Look for this symbol inside to unlock exclusive online content

page 13



INTELLECTUAL PROPERTY

Is Your Company Ready for Patent Reform?

page 24

COMPUTING

Cut Costs with the Cloud

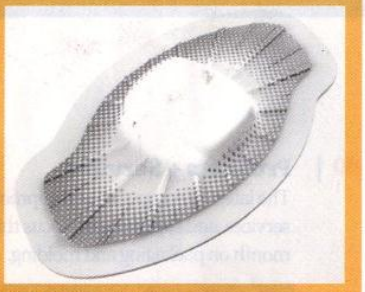
page 44

2012 Maggie WINNER

mddionline.com

Avery Dennison and Preventice Develop Mobile Health Applications

Avery Dennsion Medical Solutions (Chicago), a developer of technologies for medical applications, has announced a partnership with Preventice Inc. (Minneapolis), a developer of mobile health applications and patient monitoring systems that deliver continuous care. Through this partnership, Avery Dennison Medical Solutions will develop a new version of the Metria patch-based wearable sensor and user interface for the Preventice Care Platform, which creates a real-time, continuous connection between patients and healthcare providers through mobile, cloud-based, and sensor technology.



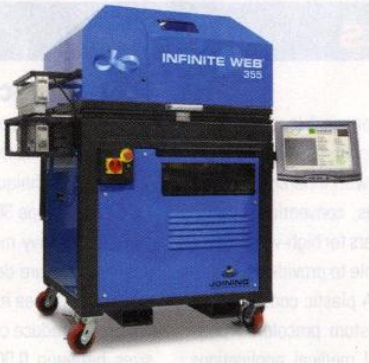
The Metria, which incorporates sensor technology from Proteus Biomedical, will be sold as part of the Preventice Care Platform for remote monitoring applications to hospitals and healthcare systems in the United States.

Biomedical Structures Offers New Textile Weaving Technique

Biomedical Structures (BMS; Warwick, RI), a developer of biomedical textiles for medical devices, now offers a tapered medical textile service for tendons, ligaments, and other orthopedic applications. The new weaving techniques allow for the creation of more lifelike structures that imitate natural tendon and ligament performance. The company shapes bioabsorbable and permanent fibers to resemble the human anatomy of tendons by developing precise dimensions and load-bearing performance characteristics within a functional shape that mirrors natural geometries. For tendon or ligament repair applications that require sutured tissue and subsequent regrowth of natural cells to replace damage, this textile engineering approach enables a new class of implants. The technique is facilitated by BMS's high-precision medical textile R&D and advanced weaving equipment for synthetic polymers, including fibers such as polyester, UHMWPE, PLLA, and more. This enables enhanced strength and flexibility of even the finest fibers.

Joining Technologies Enhances Infinite Web

Joining Technologies (East Granby, CT), a provider of industrial laser applications to the medical device industry for joining metal components, has added new features and functionality to its Infinite Web all-in-one joiner, a noncontact splicing process that incorporates laser cutting and welding with a single head. Designed by welders to handle material thicknesses from 0.002 to 0.040 in., the Infinite Web uses coaxial optics to verify proper positioning and provide precise and accurate splices. The features



enable the splicing of titanium coils, as well as splicing on a 15-degree bias as an alternative to forming perpendicular joints. The bias increases the splice's effective strength by increasing material at the weld joint, which further enhances the life cycle of downstream equipment by staging the arrival of the welds.

FedEx SupplyChain Expands

FedEx SupplyChain (Memphis), a subsidiary of FedEx Corp., has rolled out new and expanded visibility and control features, as well as new stocking locations to support worldwide FedEx Critical Inventory Logistics customers. FedEx Critical Inventory Logistics allows customers to centrally locate their most important inventory at stocking facilities throughout the world, including 24-hour locations. Many of these stocking facilities are located near hospitals, business centers, and other strategic locations. With recent expansions, FedEx has added more than 100 new stocking locations worldwide to the FedEx Critical Inventory Logistics network with the largest network expansions taking place within India and Mexico. Temperature-controlled and monitored facilities represent an ideal location for medical devices.

MACtac Partners With Jacobs & Thompson

MACtac (Stow, OH), a manufacturer of medical-grade, pressure-sensitive adhesives for a variety of medical applications, including medical device assembly, recently transitioned the service portion of its building products and grit tapes product lines to its distribution partner Jacobs & Thompson (J&T). The partnership is the result of service improvements that focus on increasing customers' service levels and ease of doing business. MACtac will continue to manufacture the coated products, but building products and grit tapes product lines will be shipped to J&T for finishing, packaging, and sale. J&T specializes in the coating, slitting, and distribution of tapes and has more than 60 years of experience in the North American marketplace.

OFS Unveils New Blog

OFS (Avon, CT), a supplier of optical fiber needs for medical device applications, has announced the release of its new blog, which can be found at www.specialtyphotonics.com/blog/index.html. The blog is designed to provide professionals in the specialty optical fiber industry with news and updates on how optical fiber is used outside the telecom area. The blog's contributing authors are marketing and engineering leaders in OFS's specialty photonics division and include Cathy Ciardiello, Michael Hines, and Steve Allen, with periodic guest posts by invited authors.