BD Announces Launch of Halo One™ Thin-Walled Guiding Sheath

New thin-walled guiding sheath minimizes the size of the arteriotomy, which can help to reduce access site complications

FRANKLIN LAKES, N.J. (June 5, 2020) – BD (Becton, Dickinson and Company) (NYSE: BDX), a leading global medical technology company, today announced the launch of the Halo One™ Thin-Walled Guiding Sheath, designed to perform as both a guiding sheath and an introducer sheath, for use in peripheral arterial and venous procedures requiring percutaneous introduction of intravascular devices.

Halo One™ Thin-Walled Guiding Sheath consists of a thin-walled (1 French wall thickness) sheath made from braided single-lumen tubing, fitted with a female luer hub at the proximal end and a formed atraumatic distal tip. The thin-walled design reduces the size of the arteriotomy compared to standard sheaths of equivalent French size, which is designed to help minimize access site complications. Halo One™ Thin-Walled Guiding Sheath's broad size offering provides the only thin-walled sheath with lengths suitable for distal peripheral intervention as well as sizes for alternative approaches such as tibiopedal or radial access sites.

"The introduction of the Halo One™ Thin-Walled Guiding Sheath embodies our dedication to innovation, which for so long has centered on minimally invasive devices," said Steve Williamson, worldwide president of BD Peripheral Intervention. "With Halo One™ Thin-Walled Guiding Sheath, we're focusing on where those interventions begin, at the point of access. It effectively downsizes the access profile of peripheral procedures compared to standard sheaths, making it a valuable complement to our innovative portfolio of peripheral artery disease interventional devices."

A stainless-steel braid construction fortifies the design for extra support, and benchtop testing of comparable 5F sizes, showed that Halo One™ Thin-Walled Guiding Sheath demonstrated 107 percent higher compression resistance, 4x better kink resistance, and 100 percent smoother tip transitions (measuring dilator to sheath transition) than a leading competitive thin-walled sheath. Halo One™ Thin-Walled Guiding Sheath provides the versatility to fit physicians' everyday needs with a broad size offering that includes 4, 5 and 6F sizes with shaft lengths of 10 cm and 25 cm. Additionally, shaft lengths of 45, 70 and 90 cm are available for 4F and 5F sizes.

"Access site complications occur in up to 11 percent of peripheral vascular interventions," said JD Meler, MD, vice president for medical and clinical affairs at BD. "A low profile guiding sheath that is available in lengths suitable for distal peripheral interventions and with a design that can help to reduce access site complications, which have been shown to increase hospital length of stay and costs, is a meaningful addition to our interventional suite of products."

More information about the Halo One™ Thin-Walled Guiding Sheath may be found on the BD website.

About BD

BD is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics and the delivery of care. The company supports the heroes on the frontlines of health care by developing innovative technology, services and solutions that help advance both clinical therapy for patients and clinical process for health care providers. BD and its 65,000 employees have a passion and commitment to help enhance the safety and efficiency of clinicians' care delivery process, enable laboratory scientists to accurately detect disease and advance researchers' capabilities to develop the next generation of diagnostics and therapeutics. BD has a presence in virtually every country and partners with organizations around the world to address some of the most challenging global health issues. By working in close collaboration with customers, BD can help enhance outcomes, lower costs, increase efficiencies, improve safety and expand access to health care. For more information on BD, please visit bd.com. BD-17611

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