ORDERING INFORMATION

- Recommended guidewire: 0.035"
- 6F introducer compatible / minimum ID: 2.2 mm
- Delivery catheter working length: 113 cm

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GET WITH THE FLOW

Shaping the future with the swirling flow stent

- Significantly better patency through 24 months versus straight control stents*.
- No reintervention in the BioMimics 3D arm between 12 and 24 months.
- 0% stent fracture at 24 months.

SIGNIFICANTLY BETTER PERFORMANCE IN A RANDOMISED FEMPOP STUDY

Significantly better performance than straight control stents* in a randomised fempop study¹.

THE SWIRLING FLOW STENT

- Shaping the future with the swirling flow stent
- Straight stent resists compression, risking damage to stent and vessel.
- Unique 3D stent design accommodates shortening and stress is distributed across entire stent/seven., reducing risk of stent fracture and associated vascular injury.

EXCELLENT FRACTURE RESISTANCE⁵

0% fracture in the Mimics randomised clinical study¹.

* Straight control stents = 24/26 Bard LifeStent™; 1/26 Terumo Misago™; 1/26 Biotronik Pulsar. ** Evaluated with 6Fr Cordis® Brite Tip and 6Fr Terumo® Radifocus Introducer II sheath introducers.

². Zeller T. Oral Presentation VIVA 2014

PATENCY

Kaplan Meier Survival Estimate of Freedom from Loss of Patency

- Significantly better primary patency (PSVR ≤2.0) through 24 months (P = 0.05).
- BioMimics 3D primary patency: 72% through 24 months.
- Straight control primary patency: 55% through 24 months.

Kaplan Meier Survival Estimate of Freedom from CDTLR

12-Month Landmark Analysis

- No change in CDTLR for BioMimics 3D between the 12 and 24-month timepoints.
- The 3-fold increase in CDTLR in the straight stent control arm resulted in a significant difference between the BioMimics 3D and control arms between the 12 and 24-month timepoints.

Quick Order Catalogue

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SWIRLING FLOW
Unique 3D stent architecture generates swirling flow, raising wall shear to limit intimal hyperplasia—
• 3D technology proven in a pre-clinical model
  • 45% reduction in neointimal thickness at 30 days (P < 0.001)

BioMimics 3D
Computational Fluid Dynamic model of swirling laminar flow within a 3D stent

SWIRLING FLOW

GET WITH THE FLOW

IMPROVED BIOMECHANICAL PERFORMANCE®
Allow shortening during leg flexion and reduces distal kink risk

Impact of straight stent on femoropopliteal artery
straight leg
bent leg
Risk of vessel kinking and vessel trauma
shortened length

Impact of BioMimics 3D stent on femoropopliteal artery
straight leg
bent leg
Reduced risk of vessel kinking
shortened length
ORDERING INFORMATION
• Recommended guidewire 0.035"
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PAM 100 Issue 02

Shaping the future with the swirling flow stent

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• 0% stent fracture at 24 months

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THE SWIRLING FLOW STENT

Shaping the future with the swirling flow stent

Straight stent resists compression, risking damage to stent and vessel

As leg bends, native femoropopliteal artery shortens under axial compression

Unique 3D stent design accommodates shortening and stress is distributed across entire stent, reducing risk of stent fracture and associated vascular injury

EXCELLENT FRACTURE RESISTANCE⁵

0% fracture in the Mimics randomised clinical study ¹

* Straight control stents = 24/26 Bard LifeStent™; 1/26 Terumo Misago™; 1/26 Biotronik Pulsar
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CDTLR 12 MONTH LANDMARK ANALYSIS

Quick Order Catalogue Stent Diameter Reference Vessel Stent Length Sheath Compatibility: ** Guidewire Reference Number (mm) Diameter (mm) Fr/Minimum ID Compatibility (mm) (mm) (inch)

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5x125 131816-13 5 3.5-4.0 125 6 / 2.2 0.035
5x150 145276-05 5 3.5-4.0 150 6 / 2.2 0.035
6x60 131816-02 6 4.0-5.0 60 6 / 2.2 0.035
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6x125 131816-14 6 4.0-5.0 125 6 / 2.2 0.035
6x150 145276-12 6 4.0-5.0 150 6 / 2.2 0.035
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7x100 131816-11 7 5.0-6.0 100 6 / 2.2 0.035
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P = 0.05
P = 0.03
P = 0.14
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Computational Fluid Dynamic model of swirling laminar flow within a 3D stent

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pre-clinical model:
30-day histology

Impact of straight stent on femoropopliteal artery

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---

**PAM 100 Issue 02**

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