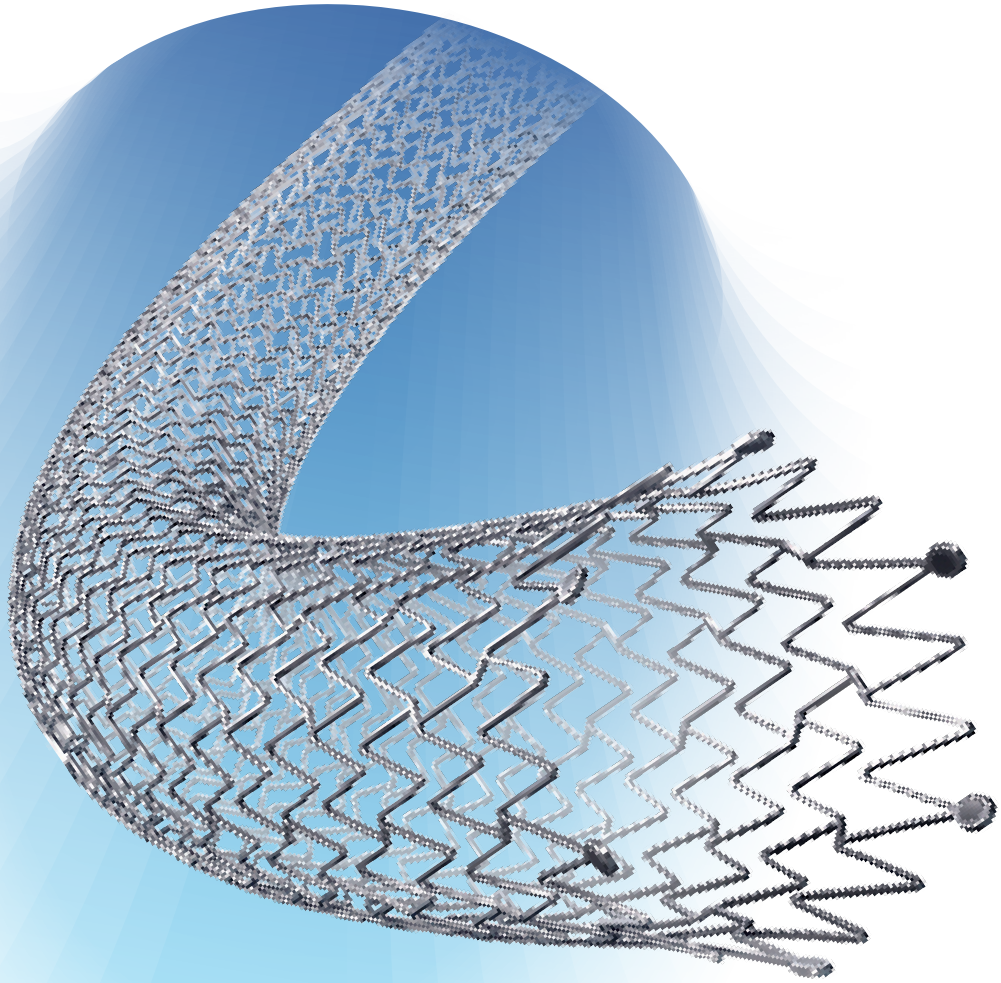
S.M.A.R.T.™
VASCULAR STENT SYSTEMS

For the Treatment of Superficial Femoral Artery (SFA) or Iliac Lesions

When Trust Is Put in You, Put Yours in What's Been Proven.

FEATURING RESULTS OF THE STROLL* STUDY



THE STENT WITH THE STATS

Cordis™

* The S.M.A.R.T.™ Nitinol Self-expanding Stent in the Treatment of Obstructive Superficial Femoral Artery Disease (STROLL) study.

Contents

STENT

Design
Stability
Radial Force
Engineering

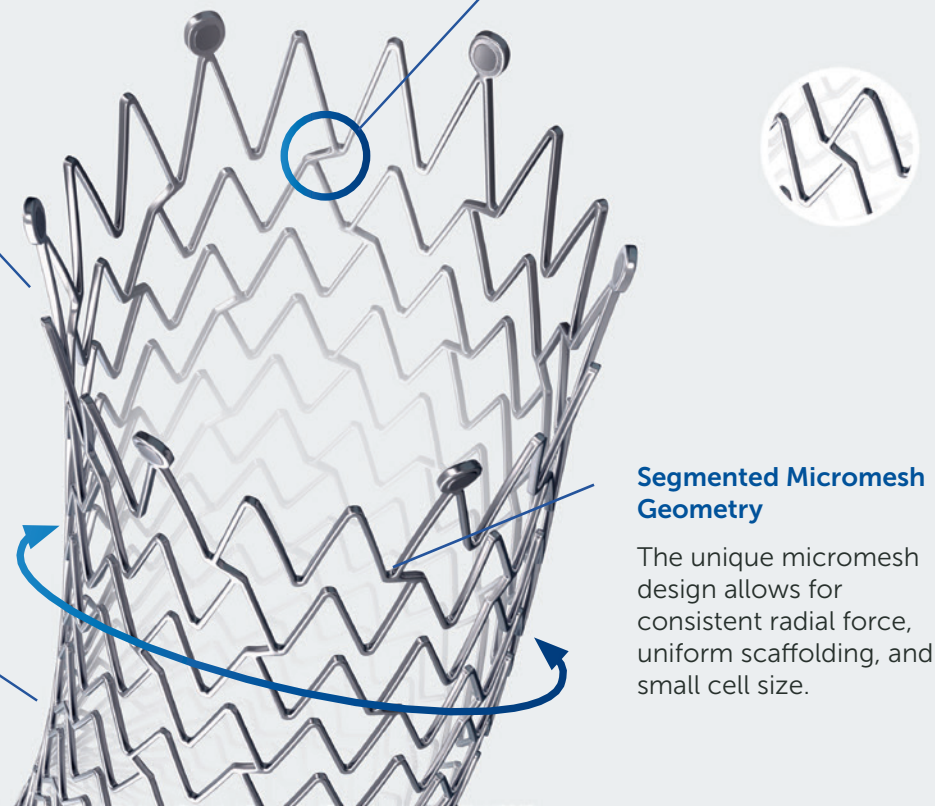
Engineered to Perform

36 Struts

Each circumferential ring contains 36 struts, providing radial force and scaffolding.

6 Alternating Bridges

Each ring is connected by 6 bridges for greater longitudinal stability.[1]



Offset Peak-to-Valley Design

The offset design provides smooth lumen and stent contourability without strut overlapping or fish-scaling.

Segmented Micromesh Geometry

The unique micromesh design allows for consistent radial force, uniform scaffolding, and small cell size.

Optimizing Outcomes through Unique Stent Design

Scaffolding
Smaller cell size and uniform coverage can help prevent vessel prolapse.[1]

Longitudinal stability
Greater stability minimizes stretching at deployment, thereby increasing placement accuracy.[1]

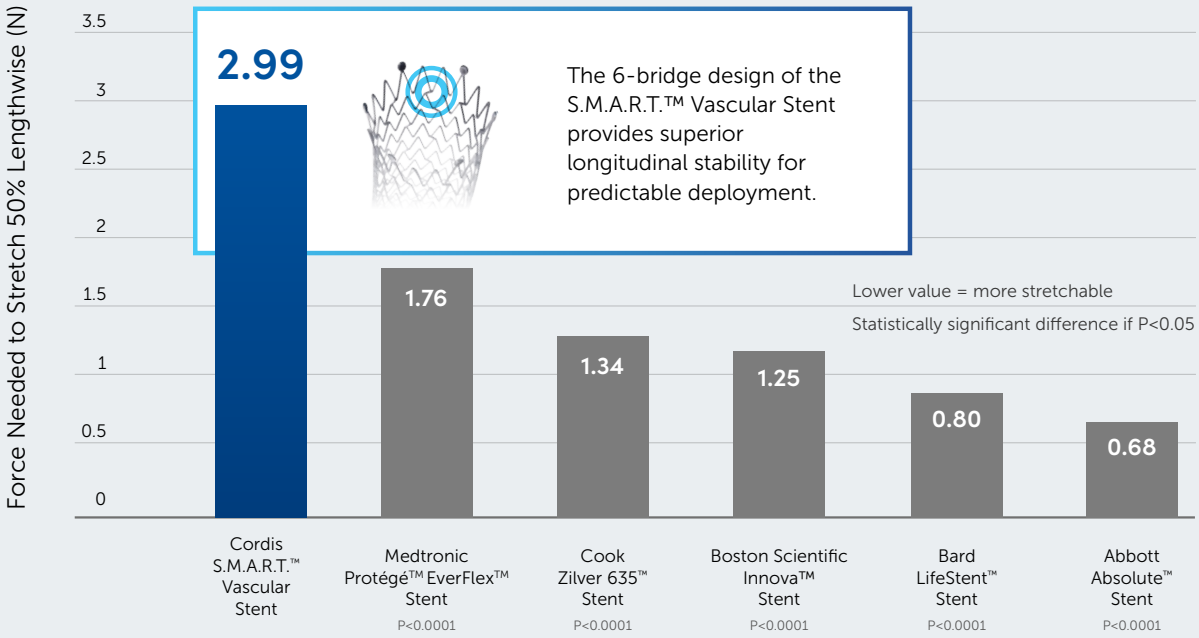
Radial force
The stent's ability to resist compression maintains luminal gain.[1]

1. Cordis 2013 Data on file

Delivering Superior Stability by Design

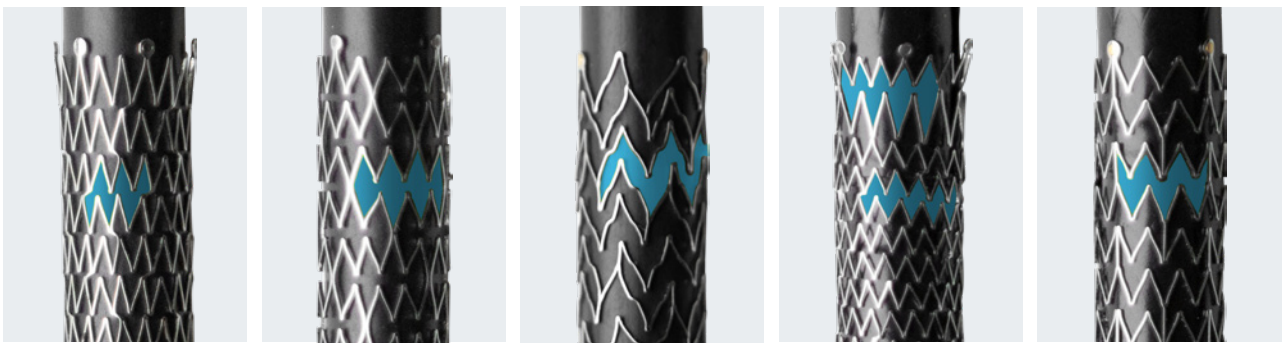
Up to 300% greater stability for accurate placement with the S.M.A.R.T.™ Vascular Stent Systems.

Longitudinal stability[1]



A foundation built on uniform scaffolding and small cell size.

Cordis S.M.A.R.T.™ Vascular Stent	Medtronic Protégé™ EverFlex™ Stent	Terumo MISAGO™ Stent	Bard LifeStent™ Stent	Cook Zilver 635™ Stent
36 Struts/6 Bridges	32 Struts/4 Bridges	8 Struts/2 Bridges	36 Struts/4 Bridges	24 Struts/4 Bridges



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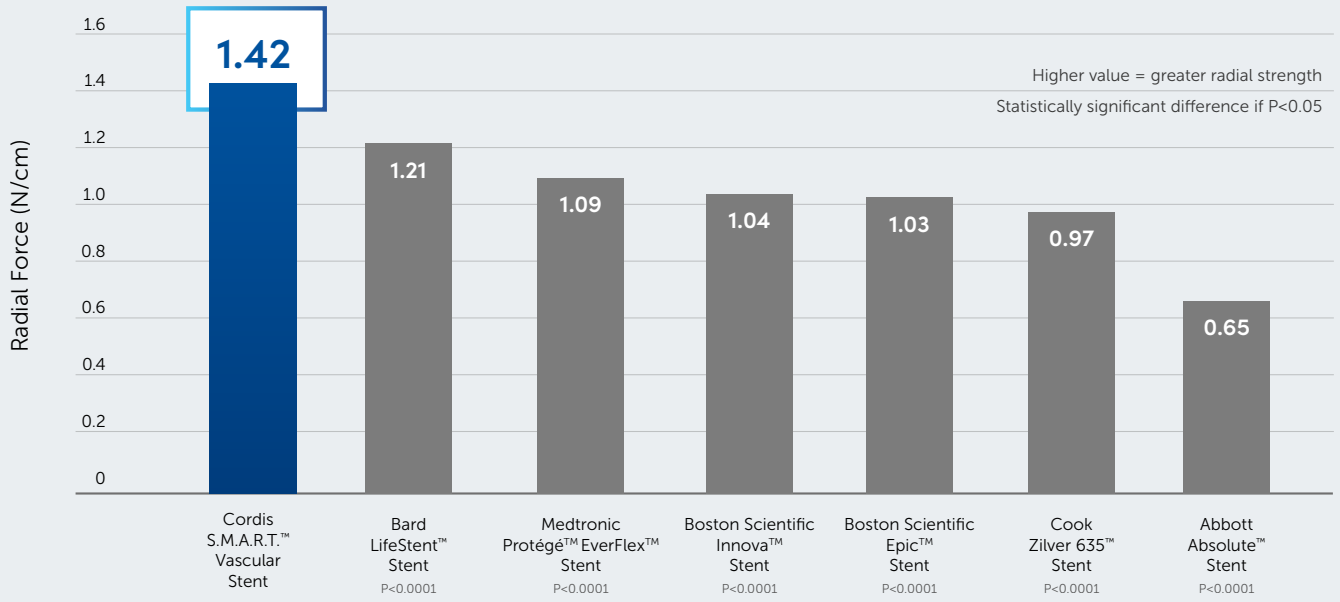
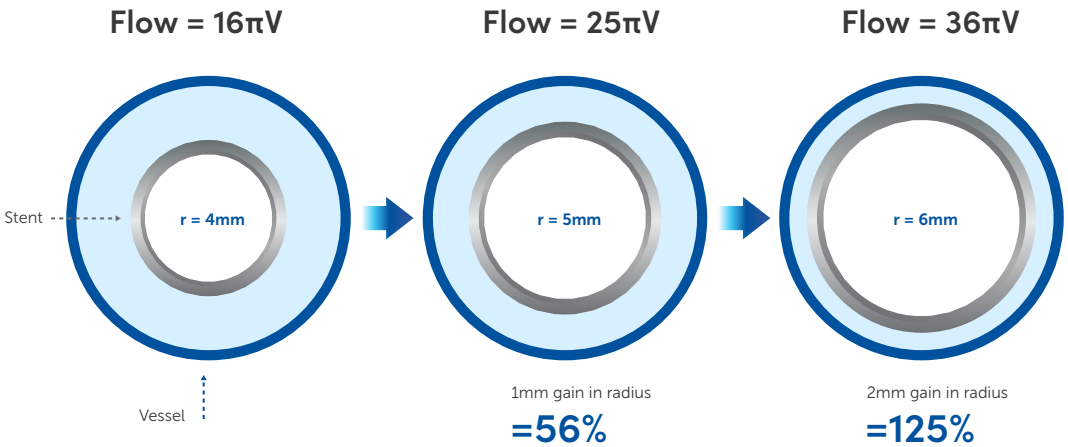
Built With Unmatched Radial Force

Up to 118% greater radial force than other nitinol stents with the S.M.A.R.T.™ Vascular Stent Systems.

Radial force[1]



Designed to Maintain Luminal Gain



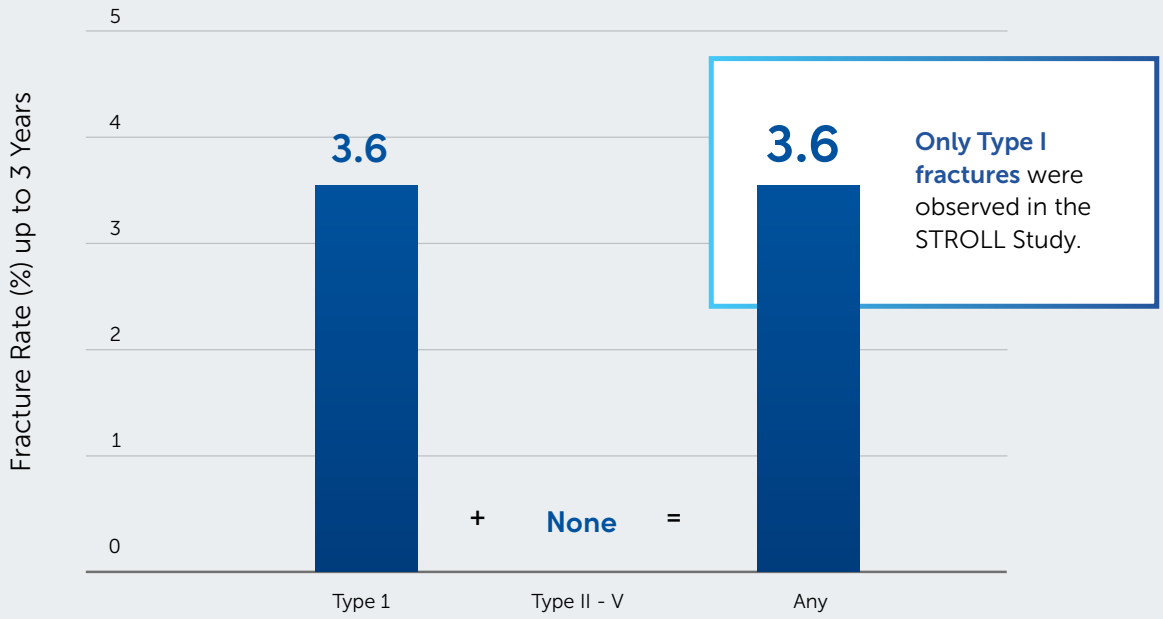
S.M.A.R.T.™ Vascular Stent Systems are designed to **maintain luminal gain.**

1. Cordis 2013 Data on file

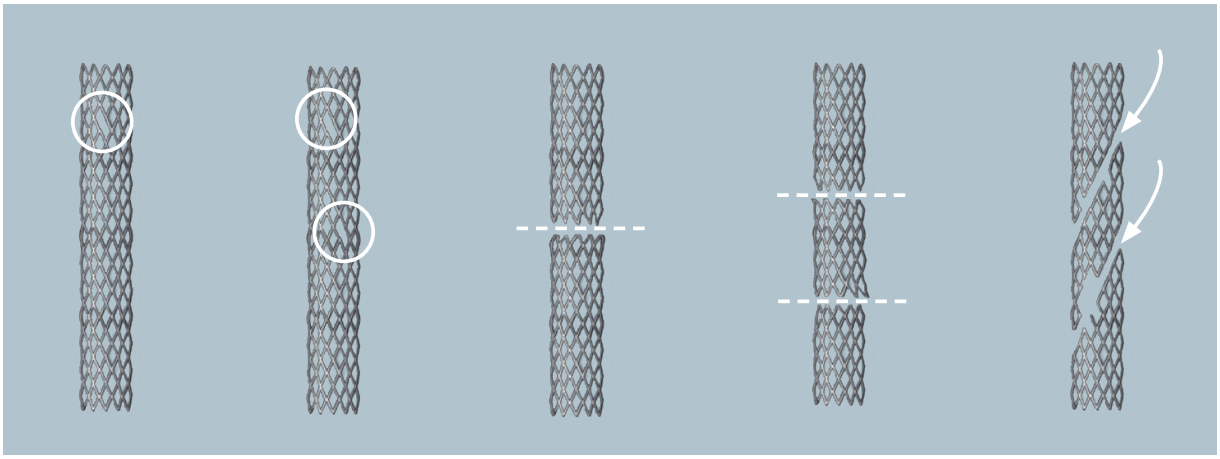
Lower Fracture Rate. Higher Satisfaction.

S.M.A.R.T.™ Vascular Stent Systems have a low fracture rate maintained out to 3 years in the STROLL Study.

Stent fracture rate



The Stent Fracture Grading Scale



Stent strut fractures are commonly categorized into five types.

Type I
One strut fracture

Type II
Multiple strut fractures

Type III
Complete transverse linear fracture

Type IV
Complete transverse linear fracture with displacement

Type V
Complete transaxial fracture

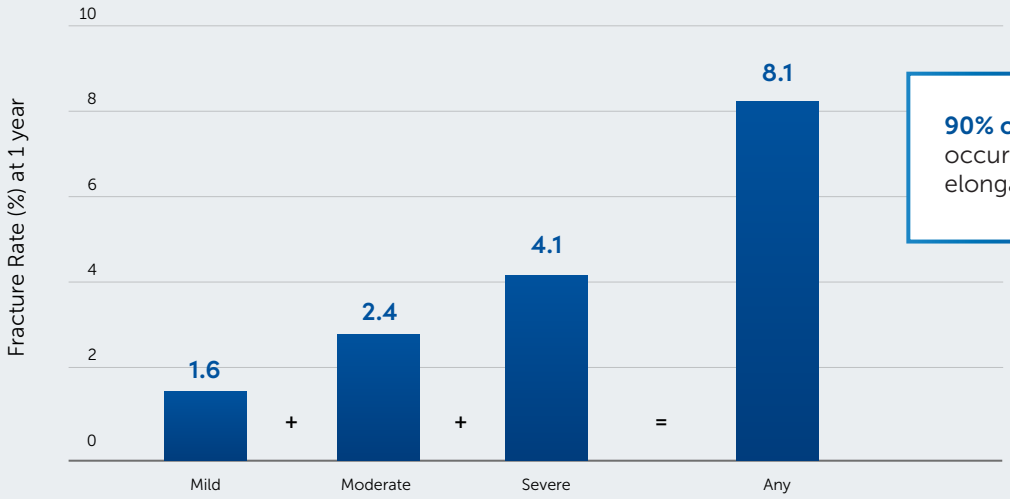
Adapted from Rocha-Singh et al[2]

1. Cordis 2013 Data on file
2. Rocha-Singh KJ et al; on behalf of VIVA Physicians, Inc. Catheter Cardiovasc Interv. 2007;69:910-919

Fracture Rates With Other Stents

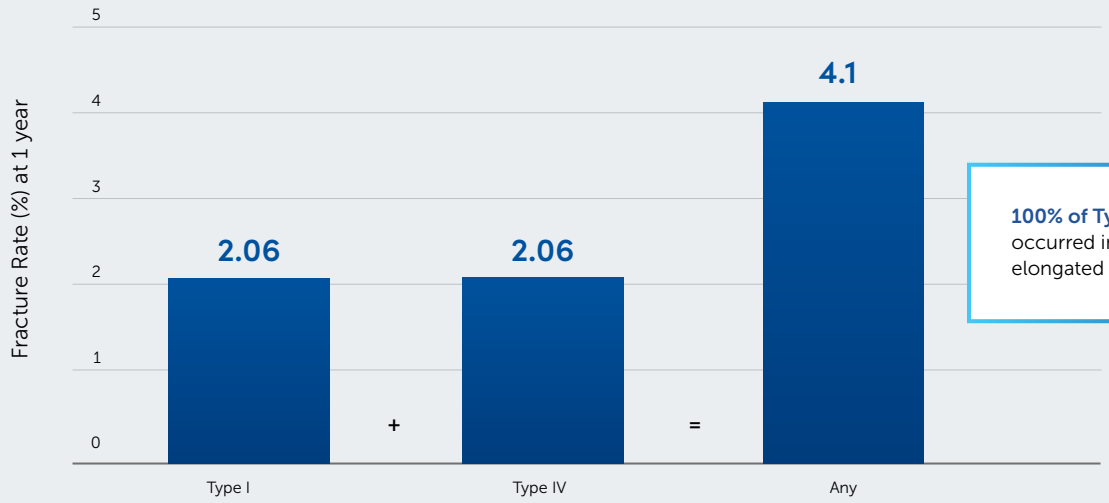
In clinical trials, severe fractures were observed in two of our competitors.

EverFlex™ Stent (DURABILITY I Trial) at 1 year[1]



90% of all stent fractures occurred in stents that were elongated at deployment[1].

LifeStent™ Stent (RESILIENT Trial—all phases and arms) at 18 months[2]



100% of Type IV fractures occurred in stents that were elongated at deployment[2].

1. Bosiers M et al. J Endovasc Ther. 2009;16:261-269.
2. The RESILIENT Randomized Trial: Three-Year Results, Resiliant LINC Presentation 2013.

OUTCOMES

STROLL Study

Clinical Outcomes

Patient Outcomes

When Trust Is Put in You, Put Yours in What's Been Proven.

Conducted over 3 years, the STROLL* Study proved that S.M.A.R.T.™ Vascular Stent Systems provided effective SFA revascularization.[1]

Clinical & Patient Outcomes

Clinical Outcomes	1 year	2 years	3 years
Primary patency‡	81.7%	74.9%	72.7%
Freedom from TLR	87.6%	80.3%	78.5%
Stent fracture rate	2% (all Type I)	2% (all Type I)	3.6% (all Type I)

Patient Outcomes	1 year	2 years	3 years
Patients with minimal or no PAD symptoms§	76.6%	81.8%	77.8%
Patients with normal ABI (>0.8)	81.0%	80.7%	76.5%

Quality-of-Life (QoL) Outcomes

As reported by patients, the overall health-related QoL benefit was very large and sustained out to 3 years.

- 10-15 years of age on generic measures
- ~4x the Minimum Clinically Importance Difference (MCID) on PAD specific scales

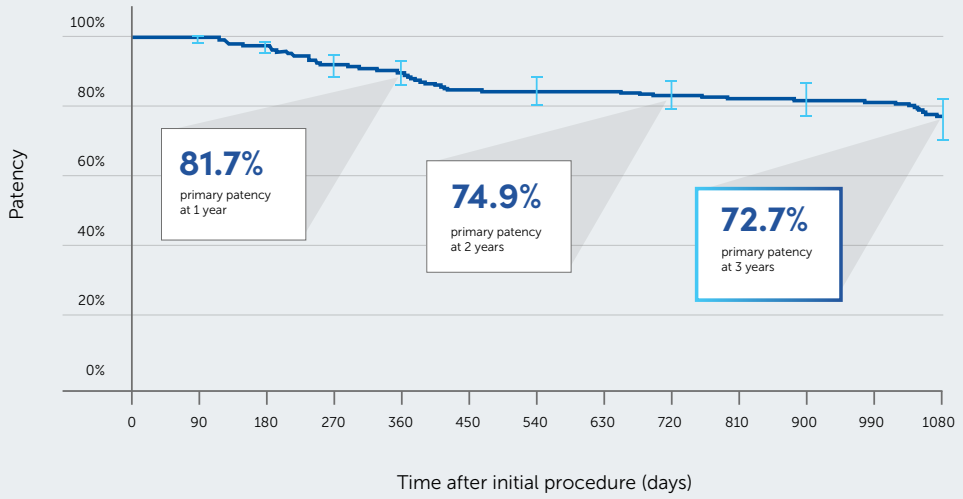
* The S.M.A.R.T.™ Nitinol Self-expanding Stent in the Treatment of Obstructive Superficial Femoral Artery Disease (STROLL) study.
† A principal investigator of the STROLL study.
‡ Defined as no significant reduction in flow detectable by duplex ultrasound and no further clinically driven target lesion revascularization.
§ Defined as Rutherford-Becker classification 0 or 1.

1. Cordis 2013 Data on file

The Stent With the Difference Makers

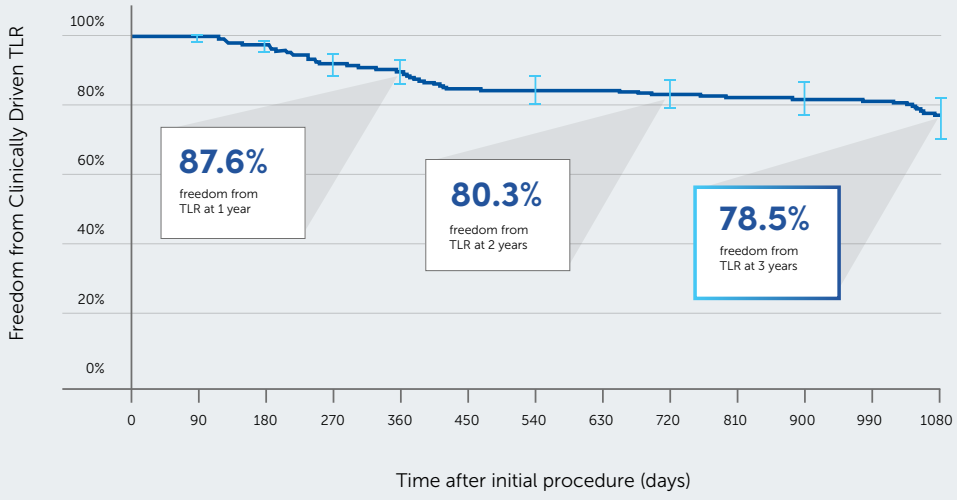
High primary patency rate maintained out to 3 years in the STROLL Study with the S.M.A.R.T.™ Vascular Stent Systems[1].

Primary patency



Strong rate of freedom from TLR maintained out to 3 years in the STROLL study[1].

Freedom from TLR

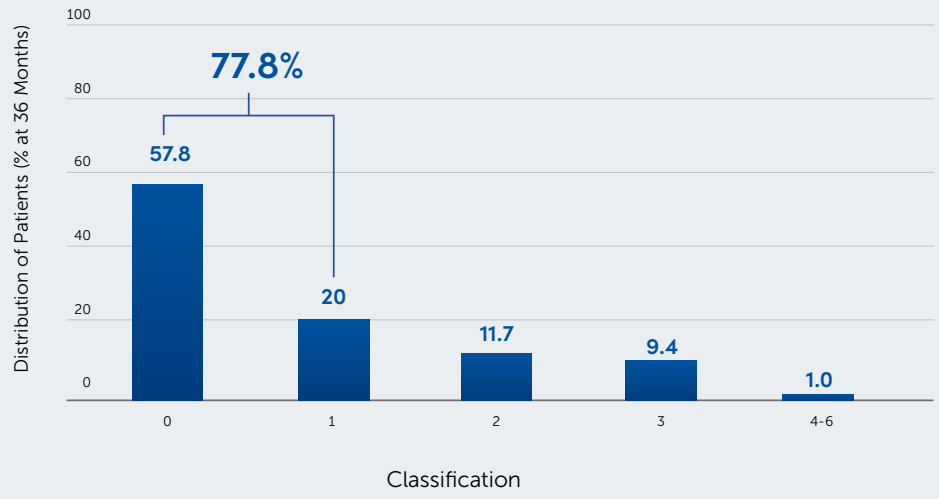


1. Cordis 2013 Data on file

Providing Critical Patient Outcomes

Minimal or no signs of PAD* in 3 of 4 patients maintained out to 3 years in the STROLL Study as measured using Rutherford-Becker classification[1].

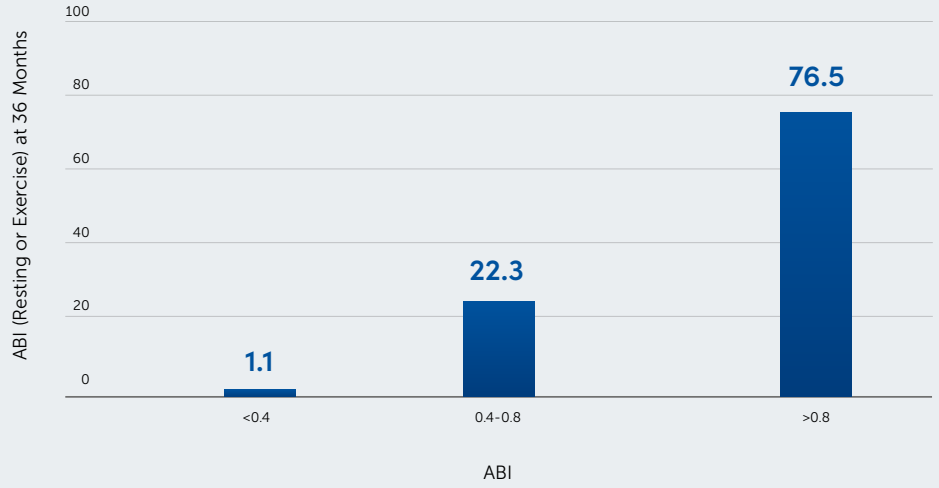
Rutherford-Becker classification



Legend 0 - (No symptoms) 1 - (Mild claudication) 2 - (Moderate claudication) 3 - (Severe claudication) 4-6 - (Ischemic rest pain or tissue loss)

Improvement in ABI was sustained out to 3 years.

Ankle-Brachial Index



Normal ABI in over 3 out of 4 patients out to 3 years when treated with the S.M.A.R.T.™ Vascular Stent.

81.0%, 80.7% and 76.5% of patients had ABI >0.8 at one, two and three years, respectively, after deployment of S.M.A.R.T.™ Vascular Stent Systems.

*Defined as Rutherford-Becker classification 0 or 1.

1. Cordis 2013 Data on file

ORDERING INFORMATION

S.M.A.R.T. CONTROL™ and S.M.A.R.T.™ Vascular Stent Systems

Product Description

Type	MicroMesh Geometry, Segmented Design	**Sheath Compatibility**	6F (6-10mm) & 7F (12-14mm)
Material	Nitinol, with MicroMarker Technology	**Guide Catheter Compatibility**	8F (6-10mm) & 9F (12-14mm)
Maximum Guidewire	0.035"	**Stent Diameters**	6-14mm (Stent diameter should be 1-2mm greater than vessel diameter)
Stent Lengths	20 - 150mm	**Stent Delivery System Working Lengths**	80cm (S suffix) & 120cm (M suffix)
Stent Delivery Systems	Delivery Handle: 20-100mm Stent lengths. Pin and Pull: 120 and 150mm Stent Lengths		

S.M.A.R.T. CONTROL™ and S.M.A.R.T.™ Stent .035" Guidewire Compatibility

Stent Configuration Stent Diameter x Length (mm)	Unconstrained Stent Diameter (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Diameter (mm)	Catalogue Number Length of Delivery System (cm)	
				80 cm	120 cm
6 x 20	6	20	4 - 5	C06020SV	
6 x 30	6	30	4 - 5	C06030SV	C06030MV
6 x 40	6	40	4 - 5	C06040SV	C06040MV
6 x 60	6	60	4 - 5	C06060SL	C06060MV
6 x 80	6	80	4 - 5	C06080SV	C06080MV
6 x 100	6	100	4 - 5	C06100SV	C06100MV
7 x20	7	20	5 - 6	C07020SV	
7 x 30	7	30	5 - 6	C07030SV	C07030MV
7 x 40	7	40	5 - 6	C07040SV	C07040MV
7 x 60	7	60	5 - 6	C07060SV	C07060MV
7 x 80	7	80	5 - 6	C07080SV	C07080MV
7 x 100	7	100	5 - 6	C07100SV	C07100MV
8 x 20	8	20	6 - 7	C08020SV	
8 x 30	8	30	6 - 7	C08030SV	C08030MV
8 x 40	8	40	6 - 7	C08040SV	C08040MV
8 x 60	8	60	6 - 7	C08060SV	C08060MV
8 x 80	8	80	6 - 7	C08080SV	C08080MV
8 x 100	8	100	6 - 7	C08100SV	C08100MV
9 x 20	9	20	7 - 8	C09020SV	
9 x 30	9	30	7 - 8	C09030SV	C09030MV
9 x 40	9	40	7 - 8	C09040SV	C09040MV
9 x 60	9	60	7 - 8	C09060SV	C09060MV
9 x 80	9	80	7 - 8	C09080SV	C09080MV
10 x 20	10	20	8 - 9	C10020SL	
10 x 30	10	30	8 - 9	C10030SL	C10030MV
10 x 40	10	40	8 - 9	C10040SL	C10040MV
10 x 60	10	60	8 - 9	C10060SL	C10060MV
10 x 80	10	80	8 - 9	C10080SL	C10080MV

Long S.M.A.R.T.™.035" Stent 120mm and 150mm Stents

Stent Configuration Stent Diameter x Length (mm)	Unconstrained Stent Diameter (mm)	Expanded Stent Length (mm)	Min/Max Vessel Diameter (mm)	Catalog Number Length of Delivery System (cm)	
				80	120
6 x 120	6	120	4 - 5	C06120SV	C06120MV
7 x 120	7	120	5 - 6	C07120SV	C07120MV
8 x 120	8	120	5 - 6	C08120SV	C08120MV
6 x 150	6	150	4 - 5	C06150SV	C06150MV
7 x 150	7	150	5 - 6	C07150SV	C07150MV
8 x 150	8	150	5 - 6	C08150SV	C08150MV

S.M.A.R.T. CONTROL™ Large 12 x 14 mm Stent Delivery System

Stent Configuration Stent Diameter x Length (mm)	Unconstrained Stent Diameter (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Diameter (mm)	Catalogue Number Length of Delivery System (cm)	
				80 cm	120 cm
12 x 30	12	30	10 - 11	C12030SV	C12030MV
12 x 40	12	40	10 - 11	C12040SV	C12040MV
12 x 60	12	60	10 - 11	C12060SL	C12060MV
12 x 80	12	80	10 - 11	C12080SV	C12080MV
14 x 30	14	30	12 - 13	C14030SV	C14030MV
14 x 40	14	40	12 - 13	C14040SV	C14040MV
14 x 60	14	60	12 - 13	C14060SV	C14060MV
14 x 80	14	80	12 - 13	C14080SV	C14080MV

The Cordis Commitment

Cordis is committed to providing world-class customer support and sponsoring extensive training programs for thousands of physicians each year across the globe.

Cordis provides a comprehensive portfolio of Lower Extremity Solutions that helps simplify even your most difficult procedures. By sponsoring extensive educational programs and offering a broad range of access, crossing, and interventional products, we are living our commitment—partnering with you to improve clinical and patient outcomes. For more information, please contact your local Cordis sales representative.

For Healthcare Professionals Only.

Important information: Prior to use, refer to the instructions for use supplied with this device for indications, contraindications, side effects, suggested procedure, warnings and precautions. As part of its continuous product development policy, Cordis reserves the right to change product specifications without prior notification.

Please contact your Cordis representative for additional product availability information.

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