S.M.A.R.T. CONTROL™ & S.M.A.R.T.™ FLEX FAMILY OF STENTS
The Cordis S.M.A.R.T.™ Stent family of Nitinol Stents

The S.M.A.R.T.™ Stent System has a legacy of confidence with:

- More than 1 million Cordis S.M.A.R.T.™ Stents sold
- Outstanding clinical evidence

Treating peripheral artery disease is anything but predictable, so you need a self-expanding stent range that’s designed to perform providing high levels of accuracy and confidence.

By creating a range to meet specific issues within the peripheral arteries, you will restore the vessel’s form with a stent that facilitates high radial resistive support whilst maintaining flexibility.
MRI-Conditional (please read MRI Safety Information in the IFU)
S.M.A.R.T. CONTROL™ Stent

The S.M.A.R.T. CONTROL™ Stent System was designed to improve upon the S.M.A.R.T.™ Stent System.

These design improvements include a controlled and natural deployment system.

The design is unique, incorporating a high-tech delivery system, which gives the user full control during every step-in stent release.

The deployment system can be twisted and shifted with one hand. By simply turning the tuning wheel, you can smoothly release the stent in millimeter fractions.
S.M.A.R.T.™ Flex Stent

The fully connected, yet flexible stent designed to meet biomechanical challenges of the SFA.

Capable of responding to the natural anatomic forces of the artery, S.M.A.R.T.™ Flex Stent overcomes biomechanical challenges. At 24 months, The REALISTIC trial showed a 74% Primary Patency in medial lesions with an average (mean) length of 163mm¹.
Low Re-Intervention Rate

Designed with high radial force to increase luminal gain, the S.M.A.R.T. CONTROL™ Stent reduces the risk of restenosis long-term\(^3\).

Unique Stent Design

Stent performance is assured by a unique design, comprising of 36 struts and 6 bridges. It ensures an optimal wall apposition on the bend with offset alternating bridges and multi-segmented geometry.

Accurate Placement

Six laser-cut markers and 1mm flare inspires confidence in placing the stent accurately.

Excellent clinical outcomes

Long-term follow up data confirms its performance, including excellent outcomes in challenging lesions in the SFA\(^2,3\).
Flex Bridges
Optimal vessel coverage and high flexibility.

Durable Solution
The Helic struts are fully connected and provide superior fracture resistance.

Fully Connected Yet Flexible
Designed to allow for greater longitudinal stability and low chronic outward force, allowing for easy placement and reduced stent stretching upon deployment.
S.M.A.R.T. CONTROL™ Stent key strengths

**High Radial Force**, S.M.A.R.T. CONTROL™ Stent achieves a 72.7% Primary Patency rate at three years and a freedom from TLR of 78.5% at three years³.

**High Longitudinal stability** and **optimal scaffolding** result in a low 3.6% fracture rate at 3 years³.

**Controlled deployment.** The S.M.A.R.T. CONTROL™ System features a unique high-tech delivery system, which gives the user full control during every step-in stent release. Placement accuracy is markedly enhanced due to very low friction forces at all stent lengths and diameters.

S.M.A.R.T.™ Vascular Stent Systems feature an unmatched level of radial force which helps to enhance luminal gain, vessel support and blood flow*

**Greater Radial Force - Greater Lumen - More Flow**

\[
\begin{align*}
R=4\text{mm} & \quad \text{Flow} = 16\pi V \\
R=5\text{mm} & \quad \text{Flow} = 25\pi V \\
R=6\text{mm} & \quad \text{Flow} = 36\pi V \\
1\text{mm gain in radius} & \quad 56\% \text{ greater flow} \\
2\text{mm gain in radius} & \quad 125\% \text{ greater flow}
\end{align*}
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* Cordis data on file
S.M.A.R.T.™ Flex Stent key strengths

Designed to meet biochemical challenges, the S.M.A.R.T.™ Flex Stent brings new levels of responsive versatility to the family. With greater longitudinal stability and fracture resistance, plus high radial force, a 0% fracture rate and 74% primary patency were achieved at 24 months in average lesion length of 163mm. **61% of all lesions with moderate to high calcification.**

S.M.A.R.T.™ Flex Stent also delivers high vessel conformability – 34% of all lesions located in distal SFA and Popliteal arteries. S.M.A.R.T.™ Flex Stent is a proven solution in real life patient populations.
Clinical Experience with S.M.A.R.T.™ Stent in the SFA

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. CORDIS, Cordis LOGO, S.M.A.R.T. and S.M.A.R.T. CONTROL are trademarks of Cordis and may be registered in the US and/or in other countries. All other marks are the property of their respective owners. © 2021 Cordis. All Rights Reserved. 100505534-3 09/2021

For more information please visit https://www.cardinalhealth.co.uk/en_gb/medical-products/cordis-products/endovascular/leg/intervene/self-expanding-stents.html

* The study was a systematic X-ray screening for stent fractures in 93 patients, but the total number of S.M.A.R.T.™ patients was not reported.