

**INTERVENTIONAL
CARDIOLOGY**
Product Catalogue 2024

2. Microdilatation Catheters

THREADER™ Microdilatation Catheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	SIZE	TYPE
H749 392691212 0 / 8714729848127	1.2 mm x 12 mm	Monorail™
H749 392701212 0 / 8714729848134	1.2 mm x 12 mm	Over-the-Wire

MAMBA™ 135 Microcatheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LESION ENTRY PROFILE	CROSSING PROFILE	PROXIMAL SHAFT PROFILE	DISTAL I.D. (IN/MM)	PROXIMAL I.D. (IN/MM)	USABLE LENGTH (CM)	COMPATIBLE GUIDEWIRE DIAMETER (IN/MM)
H749 392871352 0 / 8714729940265	1.4F	2.4F	2.9F	0.018/.46	0.023/.58	135	0.014/.36



MAMBA™ FLEX 135 Microcatheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LESION ENTRY PROFILE	CROSSING PROFILE	PROXIMAL SHAFT PROFILE	DISTAL I.D. (IN/MM)	PROXIMAL I.D. (IN/MM)	USABLE LENGTH (CM)	COMPATIBLE GUIDEWIRE DIAMETER (IN/MM)
H749 392871356 0 / 08714729940302	1.4F	2.1F	2.9F	0.018/.46	0.023/.58	135	0.014/.36



MAMBA™ FLEX 150 Microcatheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LESION ENTRY PROFILE	CROSSING PROFILE	PROXIMAL SHAFT PROFILE	DISTAL I.D. (IN/MM)	PROXIMAL I.D. (IN/MM)	USABLE LENGTH (CM)	COMPATIBLE GUIDEWIRE DIAMETER (IN/MM)
H749 392871502 0 / 08714729940340	1.4F	2.1F	2.9F	0.018/.46	0.023/.58	150	0.014/.36



Balloon Catheters

Micro-dilatation Catheters

Guide Catheters

Guide Catheter extension

Angiographic Catheters

Guidewires

Embolic Protection

Accessories

Cutting Balloon™

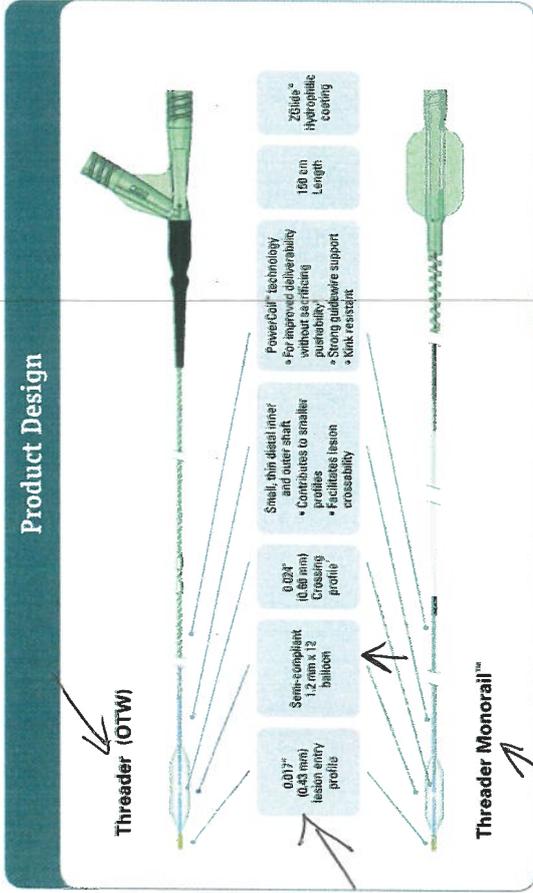
Atherectomy Devices

Chronic Total Occlusions

Trapper™ Exchange Device



THREADER™
Micro-Dilatation Catheter



* Crossing profile is defined as the maximum diameter found between the proximal end of the balloon and the distal tip of the catheter. † Bench testing completed by Boston Scientific, Inc. ‡ Bench test results may not necessarily be indicative of clinical performance.

Threader available in 1.2 mm x 12 mm balloon (Monorail™ and Over-the-wire)

	UPN	GTIN
OTW	H743327012120	8714729848134
MIR	H743326912120	8714729848127

Nominal Pressure (8 atm/0.88 bar), Rated Burst Pressure (16BPP) is atm/14.19 bar. Over-inflation may result in burst of the balloon or shaft.

† Indications for use:

- The Threader™ Micro-Dilatation Catheter is indicated for pre-dilatation of the stenotic portion of a coronary artery or bypass graft stenosis.
- The Threader™ Micro-Dilatation Catheter is indicated for the purpose of improving myocardial perfusion.
- The Threader™ Micro-Dilatation Catheter is indicated for the purpose of facilitating the placement of guidewires in the coronary vasculature.
- The Threader™ Over-The-Wire Micro-Dilatation Catheter can also be used to exchange one guidewire for another.
- The Threader™ Over-The-Wire Micro-Dilatation Catheter is also intended to allow hand-injection of contrast media into the coronary vasculature.

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THREADER™
Micro-Dilatation Catheter

THE POWER OF
ONE

W

Encore™ 26

Inflation Device

- Specifically designed for high pressure applications
- Working range to 26 ATM (2634 kPa) to meet the requirements of high pressure applications
- High pressure stopcock designed to prevent leakage during high pressure inflation throughout the working range

Order Number	Description	Units per box
M001151050	20cc Encore™ inflation device	1
M001151062	20cc Encore™ inflation device	5

Encore™ 40

Inflator

- Inflates up to 40 ATMs.
- 25 cc capacity, complete with pressure gauge.
- Large printed pressure gauge that glows in the dark for easy reading in dark labs.
- Quick latch mechanism allows for rapid deflation, even from max pressure.
- Clear barrel provides a precise view of the content and volume allowing user to perform thorough purging.

Order Number	Description	Units per box
M001394472540	25CC 40ATM Inflation Device	1



Gateway™ Plus

Y-Adapter

- Hemostasis valve designed to provide tight seal around devices and stabilize guidewire position during over-the-wire injection
- Large 0.118" (2.997 mm) I.D. facilitates device passage
- Rotating connector positions the injection port in an optimal location throughout the procedure

Order Number	Description	Units per box
M001153223	Gateway™ Plus Y-Adapter	10



Encore™ 40 Inflator



- Inflates **up to 40 ATMs**.
- **25 cc capacity**, complete with pressure gauge.
- Large printed pressure gauge that glows in the dark for **easy reading in dark labs**.
- Quick latch mechanism allows for **rapid deflation**, even from max pressure.
- Clear barrel provides a **precise view of the content and volume** allowing user to perform thorough purging.

Order Number	Description	Units per box
M001394472540	25CC 40ATM Inflation Device	1

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12. Embolic Protection

FilterWire EZ™

Embolic Protection System

Order Number	Description	Crossing Profile F / inches / mm	Retrieval Profile F / inches / mm	Vessel Compatibility (mm)
H74920105 1900	FilterWire EZ™ 190 cm	3.2 / 0.042 / 1.07	4.3 / 0.056 / 1.42	3.5 - 5.5 mm
H74920105 3000	FilterWire EZ™ 300 cm	3.2 / 0.042 / 1.07	4.3 / 0.056 / 1.42	3.5 - 5.5 mm
H74950100 1500	Bent Tip Retrieval Sheath	4.0 / 0.053 / 1.33	4.0 / 0.053 / 1.33	N / A
H74922150 010	Trooper™ Patriot™ (AddWire™) Extension Wire 0.014" (0.36 mm) 145 cm			

1
Guidewires

2
Balloon
Dilatation
Catheters

3
Specialty
Balloons

4
Catheters

5
Accessories

6
Stents

7
Drug-Eluting
Technologies

8
Peripheral
Thrombectomy

9
Venous
Thrombo-
embolism

10
Peripheral
Atherectomy

11
IVUS
Intravascular
Ultrasound System

12
Embolic
Protection

13
Peripheral
Embolisations

14
SIRT

15
Non-Vascular
Interventions

16
Ablation

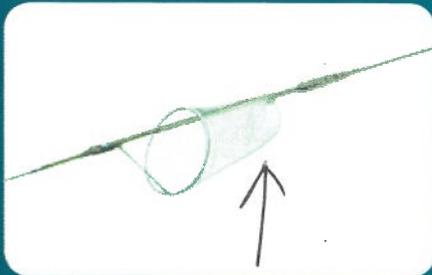


Ordering Information - 91
Peripheral Interventions

**Boston
Scientific**

FilterWire EZ™

Embolic Protection System



Predictable protection made easy

With its advanced technology designed for simplicity and effectiveness, the FilterWire EZ Embolic Protection System is designed to deliver efficient, predictable protection.

Ease of Use

Captures Debris Efficiently

- Uniform 110-micron-pore filter is designed to permit continuous blood flow while maintaining embolic capture efficiency
- Suspended nitinol filter loop is intended to provide 360° apposition in straight or tortuous anatomy
- Radiopaque loop allows full deployment verification with one angiographic view

Easy to Deliver and Retrieve

- Pre-loaded rapid-exchange protection wire with peel-away delivery sheath is intended to simplify device preparation
- Highly flexible system is designed to provide excellent tracking through tortuous anatomy
- 3.2F crossing profile, tapered nosecone and silicone-coated tip are designed to facilitate lesion crossing
- Retrieval sheath is designed to maximize filter coverage while withdrawing through a deployed stent



Full filter deployment is angiographically confirmed.*

Clinical Efficacy

Clinically Proven Technology

- The BEACH Trial results demonstrate safety and efficacy of the FilterWire EZ System with the Carotid WALLSTENT® Monorail® Endoprosthesis
- Death, stroke and MI rate at 30 days was 5.6% (27/478)**

BEACH Trial†

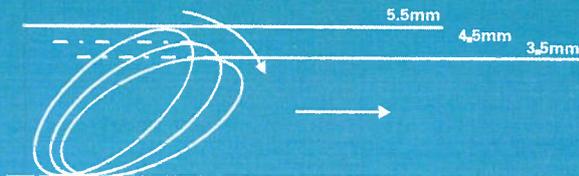
Ipsilateral Stroke Rate at 30 Days (N=478)

Pivotal Group	
Ipsilateral Stroke	3.1%

†See BEACH Trial Design and Primary Endpoint data on reverse side.

*Angiographic image provided courtesy of Jim Stewart, MD. Results from case studies are not predictive of results in other cases. Results in other cases may vary.

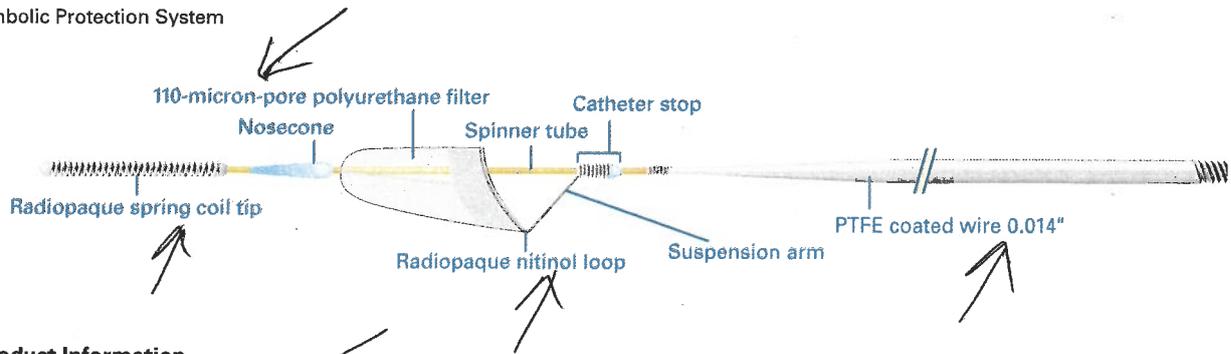
**Peri-procedural Morbidity and Mortality: Non-Q-wave MI through 24 hours post-procedure and death, stroke and Q-wave MI through 30 days post-procedure.



The FilterWire EZ System has a conforming, nitinol filter loop.

FilterWire EZ™

Embolic Protection System



Product Information

6 F Guide Catheter Compatible

Order Number	Order Description	Crossing Profile	Retrieval Profile F/inches/mm	Reference Vessel Diameter
H749 20105 1900	FilterWire EZ System, 190 cm*	3.2 F (1.1 mm, 0.042")	4.3/0.056/1.42	3.5 mm–5.5 mm
H749 20105 3000	FilterWire EZ System, 300 cm	3.2 F (1.1 mm, 0.042")	4.3/0.056/1.42	3.5 mm–5.5 mm
H749 50100 1500	EZ Bent Tip Retrieval Sheath	4.0 F (1.3 mm, 0.052")	4.0/0.053/1.33	NA

*Compatible with AddWire™ Extension Wire. Five-pack order code H749 22150 010.

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2. Guide Catheter Extension



GUIDEZILLA™ II Guide Catheter Extension				
CATALOG NUMBER / ORDER NUMBER (GTIN)	DESCRIPTION	COMPATIBLE GUIDE CATHETER	INNER DIAMETER	OUTER DIAMETER
H749 393351506 0 / 08714729939450	GUIDEZILLA™ II, 6F*	6F / 0.070" (1,78 mm)	0.057" (1,45 mm)	0.067" (1,71 mm)
H749 393351507 0 / 08714729939474	GUIDEZILLA™ II, 7F*	7F / 0.078" (1,98 mm)	0.063" (1,60 mm)	0.073" (1,86 mm)
H749 393351508 0 / 08714729939481	GUIDEZILLA™ II, 8F*	8F / 0.088" (2,24 mm)	0.072" (1,83 mm)	0.083" (2,11 mm)
H749 3933515061 0 / 08714729939467	GUIDEZILLA™ II, 6F*, Long	6F / 0.070" (1,78 mm)	0.057" (1,45 mm)	0.067" (1,71 mm)

* 6F = 2.0mm, 7F = 2.33mm, 8F = 2.67 mm

- Balloon Catheters
- Micro-dilatation Catheters
- Guide Catheters
- Guide Catheter extension**
- Angiographic Catheters
- Guidewires
- Embolic Protection
- Accessories
- Cutting Balloon™
- Atherectomy Devices
- Chronic Total Occlusions
- Trapper™ Exchange Device



GUIDEZILLA™ II

Guide Extension Catheter



General Specifications

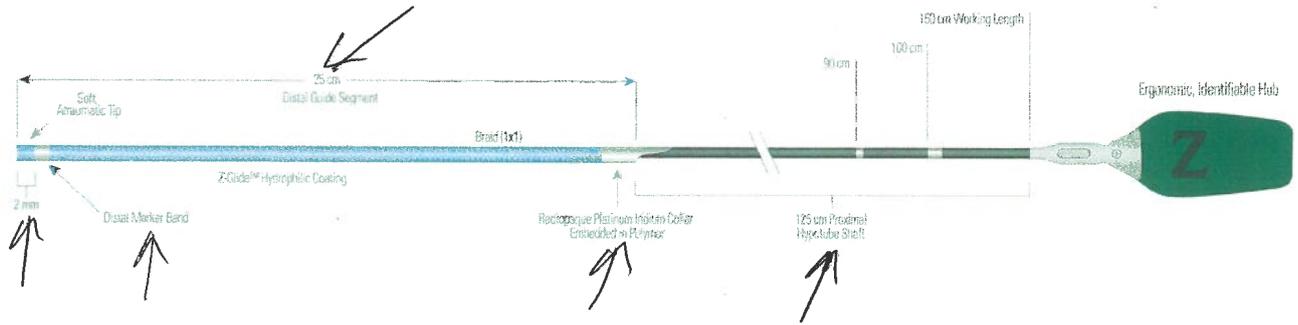
Indication:	The GUIDEZILLA II Guide Extension Catheter is intended to be used in conjunction with guide catheters to access discrete regions of the coronary and/or peripheral vasculature, and to facilitate placement of interventional devices.
Available Sizes:	6F, 7F, 8F, and 6F Long* ←
Coating:	Z-Glide™ hydrophilic coating on distal guide segment ←
Distal Guide Length:	6F*, 7F*, 8F* = 25 cm 6F Long* = 40 cm ←
Proximal Shaft:	Stainless steel hypotube ←
Collar Type:	Platinum iridium collar embedded in polymer ←

*6F = 2 mm, 7F = 2.33 mm, 8F = 2.67 mm

**MASTER THE
COMPLEX™**

GUIDEZILLA™ II

Guide Extension Catheter



GUIDEZILLA II Guide Extension Catheter Ordering Information

Size	GTIN	Ref/Catalog Number	Compatible Guide Catheter	Inner Diameter	Outer Diameter
6F*	08714729939450	H749 393351506 0	6F I.D. \geq 0.070" (1.78 mm)	0.057" (1.45 mm)	0.067" (1.71 mm)
7F*	08714729939474	H749 393351507 0	7F I.D. \geq 0.078" (1.98 mm)	0.063" (1.60 mm)	0.073" (1.86 mm)
8F*	08714729939481	H749 393351508 0	8F I.D. \geq 0.088" (2.24 mm)	0.072" (1.83 mm)	0.083" (2.11 mm)
6F Long*	08714729939467	H749 3933515061 0	6F I.D. \geq 0.070" (1.78 mm)	0.057" (1.45 mm)	0.067" (1.71 mm)

*6F = 2 mm, 7F = 2.33 mm, 8F = 2.67 mm

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WOLVERINE™
Cutting Balloon™ Dilatation Device

6 mm Blade Length				
CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	NUMBER OF ATHEROTOMES	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 3940306200 0 / 08714729888406	6 mm / 2.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306225 0 / 08714729888413	6 mm / 2.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306250 0 / 08714729888420	6 mm / 2.50 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306275 0 / 08714729888437	6 mm / 2.75 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306300 0 / 08714729888444	6 mm / 3.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306325 0 / 08714729888451	6 mm / 3.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306350 0 / 08714729888468	6 mm / 3.50 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306375 0 / 08714729888475	6 mm / 3.75 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940306400 0 / 08714729888482	6 mm / 4.00 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)

10 mm Blade Length				
CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	NUMBER OF ATHEROTOMES	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 3940310200 0 / 08714729888499	10 mm / 2.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310225 0 / 08714729888505	10 mm / 2.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310250 0 / 08714729888512	10 mm / 2.50 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310275 0 / 08714729888529	10 mm / 2.75 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310300 0 / 08714729888536	10 mm / 3.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310325 0 / 08714729888543	10 mm / 3.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310350 0 / 08714729888550	10 mm / 3.50 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310375 0 / 08714729888567	10 mm / 3.75 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940310400 0 / 08714729888574	10 mm / 4.00 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)

15 mm Blade Length				
CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	NUMBER OF ATHEROTOMES	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 3940315200 0 / 08714729888581	15 mm / 2.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315225 0 / 08714729888598	15 mm / 2.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315250 0 / 08714729888604	15 mm / 2.50 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315275 0 / 08714729888611	15 mm / 2.75 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315300 0 / 08714729888628	15 mm / 3.00 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315325 0 / 08714729888635	15 mm / 3.25 mm	3	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315350 0 / 08714729888642	15 mm / 3.50 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315375 0 / 08714729888659	15 mm / 3.75 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)
H749 3940315400 0 / 08714729888666	15 mm / 4.00 mm	4	6 ATM (608kPa)	12 ATM (1216kPa)



Complex PCI - 63
INTERVENTIONAL CARDIOLOGY

- Balloon Catheters
- Micro-dilatation Catheters
- Guide Catheters
- Guide Catheter extension
- Angiographic Catheters
- Guidewires
- Embolic Protection
- Accessories
- Cutting Balloon™
- Atherectomy Devices
- Chronic Total Occlusions
- Trapper™ Exchange Device

Wolverine™ Coronary Cutting Balloon™

MONORAIL™

Microsurgical Dilatation Device

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Wolverine™ Coronary Cutting Balloon™

MONORAIL™

Microsurgical Dilatation Device

⚠ ONLY

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician.

WARNING

Contents supplied STERILE using an ethylene oxide (EO) process. Do not use if sterile barrier is damaged. If damage is found, call your Boston Scientific representative. For single use only. Do not reuse, reprocess or resterilize. Reuse, reprocessing or resterilization may compromise the structural integrity of the device and/or lead to device failure which, in turn, may result in patient injury, illness or death. Reuse, reprocessing or resterilization may also create a risk of contamination of the device and/or cause patient infection or cross-infection, including, but not limited to, the transmission of infectious disease(s) from one patient to another. Contamination of the device may lead to injury, illness or death of the patient.

After use, dispose of product and packaging in accordance with hospital, administrative and/or local government policy. Carefully review all instructions prior to use. Observe all warnings and precautions noted throughout these instructions. Failure to do so may result in complications.

DEVICE DESCRIPTION

The Wolverine Monorail (MR) Coronary Cutting Balloon Microsurgical Dilatation Device consists of a balloon with 3 or 4 atherotomes (microsurgical blades) mounted longitudinally on its outer surface. 2.00 mm – 3.25 mm balloon diameter models contain 3 atherotomes and 3.50 mm – 4.00 mm balloon diameter models contain 4 atherotomes. When the device is inflated, the atherotomes score the plaque, creating initiation sites for crack propagation. This process, referred to as atherotomy, allows dilatation of the target lesion with less pressure.

The distal section is dual lumen and coaxial. The outer lumen is used for inflation of the balloon, and the inner lumen permits the use of guidewires ≤ 0.014 in (0.36 mm) to facilitate advancement of the device to and through the stenosis to be dilated. The proximal section is a single-lumen, stainless steel hypotube with a single luer port hub for inflation/deflation of the balloon. The balloon with atherotomes is designed to provide an inflatable segment of known diameter and length at recommended pressures. A balloon protector is placed over the balloon to maintain a low profile and a mandrel is placed into the inner lumen to protect the patency of the device. The device's tip is tapered to facilitate advancement of the device to and through the stenosis. All shafts have ZGlide™ (hydrophilic) coating. The ZGlide is located from the guidewire port to the distal tip of the device.

The effective catheter length of the MR is 143 cm. Marks on the proximal portion of the device shaft, one at 90 cm and one at 100 cm, indicate the exit of the balloon device tip out of the guide catheter.

The device is provided in 6 mm, 10 mm, and 15 mm lengths. The functional atherotome length is the distance between the radiopaque marker bands. These radiopaque marker bands, in conjunction with fluoroscopy, aid in the placement of the cutting balloon segment. A CLIPIT™ Hypotube Clip is provided with the MR device to aid in handling the device.

CONTENTS

Quantity/Material

- One (1) Wolverine MR Cutting Balloon Device
- One (1) CLIPIT Hypotube Clip

INTENDED USE/INDICATIONS FOR USE

The Wolverine Cutting Balloon Device is indicated for use in patients with coronary vessel disease who are acceptable candidates for coronary artery bypass graft surgery, should it be urgently needed, for the purpose of improving myocardial perfusion. In addition, the target lesion should possess the following characteristics:

- Discrete (≤ 15 mm in length), or tubular (10 mm to 20 mm in length)
- Reference vessel diameter (RVD) of 2.00 mm to 4.00 mm
- Readily accessible to the device
- Light to moderate tortuosity of proximal vessel segment
- Nonangulated lesion segment ($< 45^\circ$)
- Smooth angiographic contour
- Absence of angiographically visible thrombus

CONTRAINDICATIONS

The Wolverine Cutting Balloon Device is contraindicated for use in:

- Delivery through the side cell of a previously placed stent as the deflated Cutting Balloon could become entangled in the stent.
- Coronary artery spasm in the absence of a significant stenosis.

WARNINGS

- Exercise extreme care when treating a lesion distal to a stent. If the guidewire has passed through a stent cell rather than down the axis of the stent, the deflated device could become entangled in the stent. When treating lesions at a bifurcation, the device can be used prior to placing a stent, but should not be taken through the side cell of a stent to treat the side branch of a lesion at a bifurcation.
- The atherotomy process, because of its mechanism of action, may pose a greater risk of perforation than that observed with conventional Percutaneous Transluminal Coronary Angioplasty (PTCA). Over sizing increases the risk of perforation. To reduce the potential for vessel damage, the inflated diameter of the device should approximate a 1.1:1 ratio of the diameter of the vessel just proximal and distal to the stenosis.
- The atherotomy process in patients who are not acceptable candidates for coronary artery bypass surgery requires careful consideration, including possible hemodynamic support during the atherotomy process, as treatment of this patient population carries special risk.

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PRODUCT OVERVIEW

WHAT IS A CUTTING BALLOON?

Coronary cutting balloon is intended for opening coronary arteries in those circumstances where a resistant lesion is encountered and unable to be opened with traditional balloon angioplasty.

WHAT MAKES THIS PRODUCT UNIQUE?

Treating complex lesions with traditional balloon angioplasty can result in complications like vessel dissection, poor luminal gain, lesion recoil, balloon slippage, and poor stent apposition.

The unique design of the WOLVERINE Cutting Balloon combines a proprietary atherotome and low pressure balloon design to directly address each of these complications.



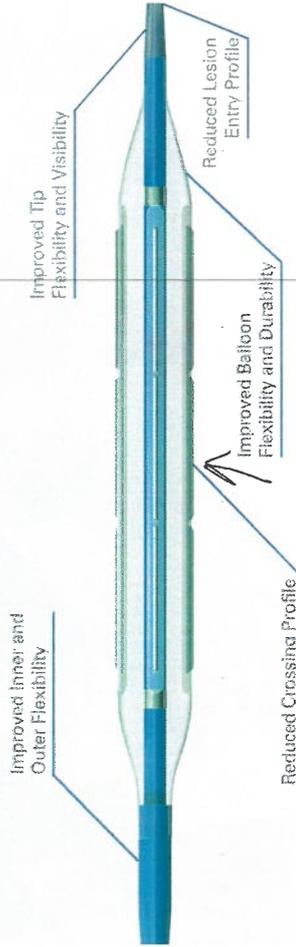
TECHNOLOGY OVERVIEW

TECHNOLOGY OVERVIEW

WOLVERINE Cutting Balloon delivers industry-leading performance with:

- Improved crossability and deliverability
- Precise, controlled cutting
- A proven mechanism of action

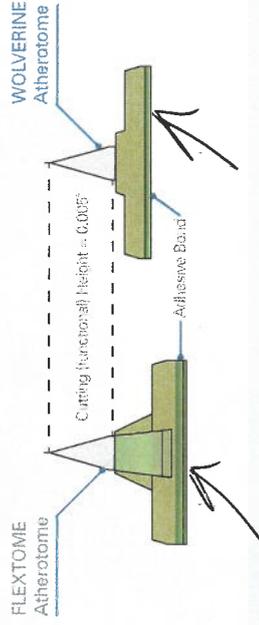
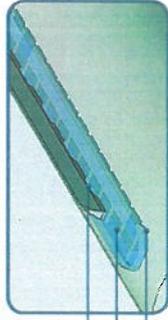
The result is optimal lumen gain with thorough vessel preparation.



ATHEROTOME COMPARISON

A smaller profile is achieved through the reduction in the T-Slot height.

- T-Slot
- Cast Pad
- Adhesive Bond



T-SLOT BLADE DIMENSION CHANGES

- T-Slot (non-functional) height reduced by 57%
- Elongated T-Slot shape to ensure strong blade to adhesive cure

FLEXTOME



Functional Height 0.005"
T-Slot Height 0.0055"

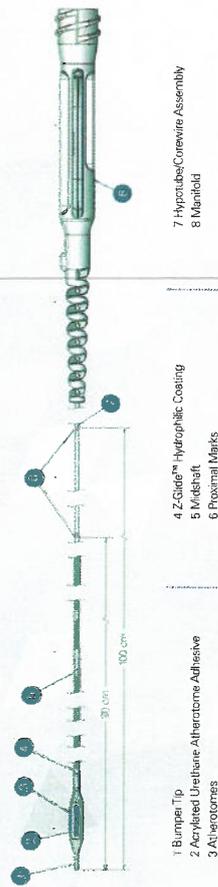
WOLVERINE



Functional Height 0.005"
T-Slot Height 0.0025"

GENERAL SPECIFICATIONS

ORDERING INFORMATION



- 1 Bumper Tip
- 2 Acrylated Urethane Atherotome Adhesive
- 3 Atherotomes

- 4 Z-Glide™ Hydrophilic Coating
- 5 Midshaft
- 6 Proximal Marks

- 7 Hypotube/Corvette Assembly
- 8 Manifold

Indication	The WOLVERINE™ Cutting Balloon is indicated for use in patients with coronary vessel disease who are acceptable candidates for coronary artery bypass graft surgery, should it be urgently needed, for the purpose of improving myocardial perfusion. See page 6 for additional information.
Mechanism of Action	When the device is inflated, the atherotomes score the plaque, creating initiation sites for crack propagation. This process, referred to as atherotomy, allows dilation of the lesion with less pressure.
Balloon Platform	NC EMERGE™ PTCA Dilatation Catheter
Device Delivery Platform	Monorail™ (143 cm)
Available Balloon Diameters	Monorail: 2.00 mm, 2.25 mm, 2.50 mm, 2.75 mm, 3.00 mm, 3.25 mm, 3.50 mm, 3.75 mm, 4.00 mm
Available Balloon/Blade Lengths	6 mm, 10 mm, 15 mm
Rated Burst Pressure	12 ATM (1,216 kPa)
Nominal Pressure	6 ATM (608 kPa)
Guide Catheter Inner Diameter	2.00–3.25 × 0.056" (1.42 mm) 3.50–4.00 × 0.066" (1.68 mm)
Crossing Profile	0.038" (0.91 mm)
Tip Lesion Entry Profile	0.017" (0.43 mm)

Manufacturer	Boston Scientific
Will this product replace or supplement a current in-house product?	This product can replace or supplement existing cutting balloons.
Ship unit	1 each per box
Minimum order quantity?	No
What are the dimensions of the shipping carton container?	The carton for the single disposable is 11 3/4" x 9 3/4" x 7 1/2"
What is the list price per each unit or unit of utilization?	Please speak to your Boston Scientific sales representative for the price per each unit.
Method of purchase	Please speak to your Boston Scientific sales representative regarding sales programs for this purchase.
Workstation storage considerations	Per the DFU, store at room temperature, in a dry, dark place.
Is this a dated product?	Yes, with a 2-year shelf life.
Will there be additional implementation costs, such as installation, cost of education, impact on equipment or additional space?	No, however a brief in-service by a Boston Scientific sales representative is suggested prior to use.
Does this item and its packaging contain latex?	There is no detectable latex in this product.

18

ORDERING INFORMATION

GTIN	REF/CATALOG NUMBER	MATERIAL DESCRIPTION
08714729888406	H74939403062000	(MR) 6 mm x 2.00 mm
08714729888413	H74939403062250	(MR) 6 mm x 2.25 mm
08714729888420	H74939403062500	(MR) 6 mm x 2.50 mm
08714729888437	H74939403062750	(MR) 6 mm x 2.75 mm
08714729888444	H74939403063000	(MR) 6 mm x 3.00 mm
08714729888451	H74939403063250	(MR) 6 mm x 3.25 mm
08714729888468	H74939403063500	(MR) 6 mm x 3.50 mm
08714729888475	H74939403063750	(MR) 6 mm x 3.75 mm
08714729888482	H74939403064000	(MR) 6 mm x 4.00 mm
08714729888499	H74939403102000	(MR) 10 mm x 2.00 mm
08714729888505	H74939403102250	(MR) 10 mm x 2.25 mm
08714729888512	H74939403102500	(MR) 10 mm x 2.50 mm
08714729888529	H74939403102750	(MR) 10 mm x 2.75 mm

ORDERING INFORMATION

08714729888536	H74939403103000	(MR) 10 mm x 3.00 mm
08714729888543	H74939403103250	(MR) 10 mm x 3.25 mm
08714729888550	H74939403103500	(MR) 10 mm x 3.50 mm
08714729888557	H74939403103750	(MR) 10 mm x 3.75 mm
08714729888574	H74939403104000	(MR) 10 mm x 4.00 mm
08714729888581	H74939403152000	(MR) 15 mm x 2.00 mm
08714729888598	H74939403152250	(MR) 15 mm x 2.25 mm
08714729888604	H74939403152500	(MR) 15 mm x 2.50 mm
08714729888611	H74939403152750	(MR) 15 mm x 2.75 mm
08714729888628	H74939403153000	(MR) 15 mm x 3.00 mm
08714729888635	H74939403153250	(MR) 15 mm x 3.25 mm
08714729888642	H74939403153500	(MR) 15 mm x 3.50 mm
08714729888659	H74939403153750	(MR) 15 mm x 3.75 mm
08714729888666	H74939403154000	(MR) 15 mm x 4.00 mm

WATCHMAN FLX™ LAA Closure Device and Delivery System

CATALOG NUMBER / ORDER NUMBER (GTIN)	SIZE	OD	LENGTH	QUANTITY
M635WS50200 / 08714729860433	20 mm	12F	75.5 cm	1
M635WS50240 / 08714729860440	24 mm	12F	75.5 cm	1
M635WS50270 / 08714729860457	27 mm	12F	75.5 cm	1
M635WS50310 / 08714729860464	31 mm	12F	75.5 cm	1
M635WS50350 / 08714729860471	35 mm	12F	75.5 cm	1



WATCHMAN™ TruSeal™ Access System

CATALOG NUMBER / ORDER NUMBER (GTIN)	PRODUCT DESCRIPTION	I.D.	O.D.
M635TS70010 / 08714729965732	WATCHMAN™ TruSeal™ Access System Single Curve	12F (4.2 mm)	14F (4.8 mm)
M635TS70020 / 08714729965749	WATCHMAN™ TruSeal™ Access System Double Curve	12F (4.2 mm)	14F (4.8 mm)
M635TS70040 / 08714729965756	WATCHMAN™ TruSeal™ Access System Anterior Curve	12F (4.2 mm)	14F (4.8 mm)



WATCHMAN™ FXD Curve LAA Device and Delivery System

CATALOG NUMBER / ORDER NUMBER (GTIN)	SIZE	OD	LENGTH	QUANTITY
M635WS50200 / 08714729860433	20 mm	12F	75.5 cm	1
M635WS50240 / 08714729860440	24 mm	12F	75.5 cm	1
M635WS50270 / 08714729860457	27 mm	12F	75.5 cm	1
M635WS50310 / 08714729860464	31 mm	12F	75.5 cm	1
M635WS50350 / 08714729860471	35 mm	12F	75.5 cm	1

TAVI

LAAC



WATCHMAN FLX™

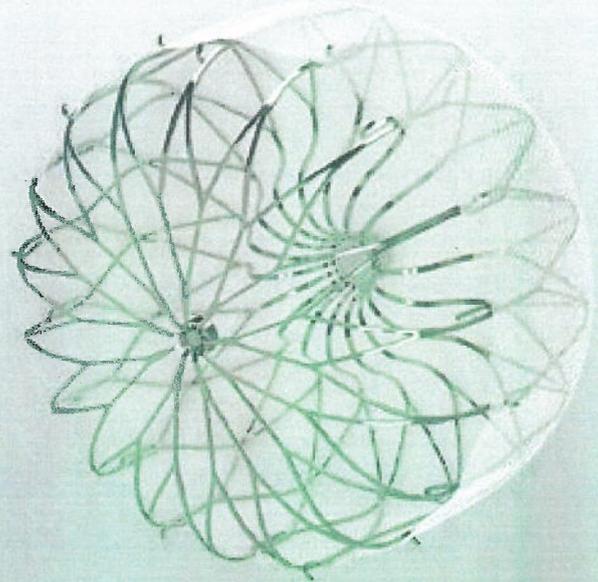
LEFT ATRIAL APPENDAGE CLOSURE DEVICE



THE FUTURE OF LAAC

WATCHMAN

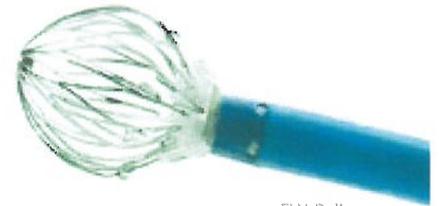
FLX



- THE FEEL.** Full control for an intuitive, safe and precise positioning
- THE SEAL.** Enhanced conformability for confident closure
- THE HEAL.** Minimal metal exposure for optimized healing

WATCHMAN FLX™

LEFT ATRIAL APPENDAGE CLOSURE DEVICE



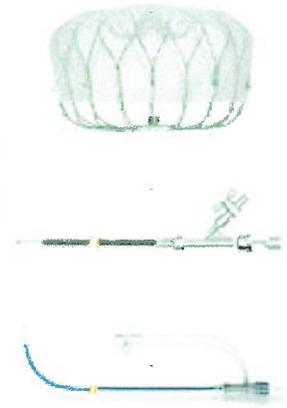
FLX-Ball

Procedural benefits include

- WATCHMAN FLX™ features a soft, closed, atraumatic distal end to enable advancement within the LAA when partially deployed (forming the "FLX-Ball")
- The distal fluoroscopic marker allows high visibility of the device in relation to the LAA during device positioning
- WATCHMAN FLX can be fully recaptured and repositioned. In a partially deployed state WATCHMAN FLX & TruSeal Access system can be safely advanced in the LAA
- WATCHMAN FLX is preloaded into the delivery catheter, reducing preparation time

Product Information

Description	Specifications
WATCHMAN FLX™	Nitinol frame with Polyethylene Terephthalate (PET) with distal fluoroscopic marker
Delivery Catheter	
Sheath Material	Braided Pebax® with PTFE liner and platinum/iridium marker band
TruSeal™ Access Sheath	
Hub	Material Pebax® with polycarbonate cap
Sheath Material	Pebax® with PTFE liner and platinum/iridium marker band
Dilator	HDPE/LDPE high density polyethylene/low density polyethylene (50:50 blend)



Product List

	Ref/Catalog number	Description	Size	Order Number (GTIN)	ID	OD
WATCHMAN FLX™ LAAC DEVICE	M635WS50200	WATCHMAN FLX™ LAAC Device and Delivery System	20 mm	08714729860433	—	12 F (4.0 mm)
	M635WS50240	WATCHMAN FLX™ LAAC Device and Delivery System	24 mm	08714729860440	—	12 F (4.0 mm)
	M635WS50270	WATCHMAN FLX™ LAAC Device and Delivery System	27 mm	08714729860457	—	12 F (4.0 mm)
	M635WS50310	WATCHMAN FLX™ LAAC Device and Delivery System	31 mm	08714729860464	—	12 F (4.0 mm)
	M635WS50350	WATCHMAN FLX™ LAAC Device and Delivery System	35 mm	08714729860471	—	12 F (4.0 mm)
	Ref/Catalog number	Description	Curve		ID	OD
WATCHMAN™ TruSeal™ Access Sheath	M635TS70010	WATCHMAN™ TruSeal™ Access System	Single	08714729965732	12 F (4.2 mm)	14 F (4.8 mm)
	M635TS70020	WATCHMAN™ TruSeal™ Access System	Double	08714729965749	12 F (4.2 mm)	14 F (4.8 mm)
	M635TS70040	WATCHMAN™ TruSeal™ Access System	Anterior	08714729965756	12 F (4.2 mm)	14 F (4.8 mm)

Magnetic Resonance Imaging

Non-clinical testing has demonstrated the WATCHMAN FLX Device is MR Conditional. A patient with the Closure Device can be scanned safely, immediately after placement of this implant, under the following conditions:

- Static magnetic fields of 3.0 Tesla or 1.5 Tesla
- Spatial gradient field of 2500 Gauss/cm or less
- Spatial gradient field product of 37 T2/m or less
- The maximum whole body averaged specific absorption rate (SAR) shall be limited to 2.0 W/kg (normal operating mode only) for 15 minutes of continuous application of RF energy during a scan
- Normal operating mode of the MRI scanner

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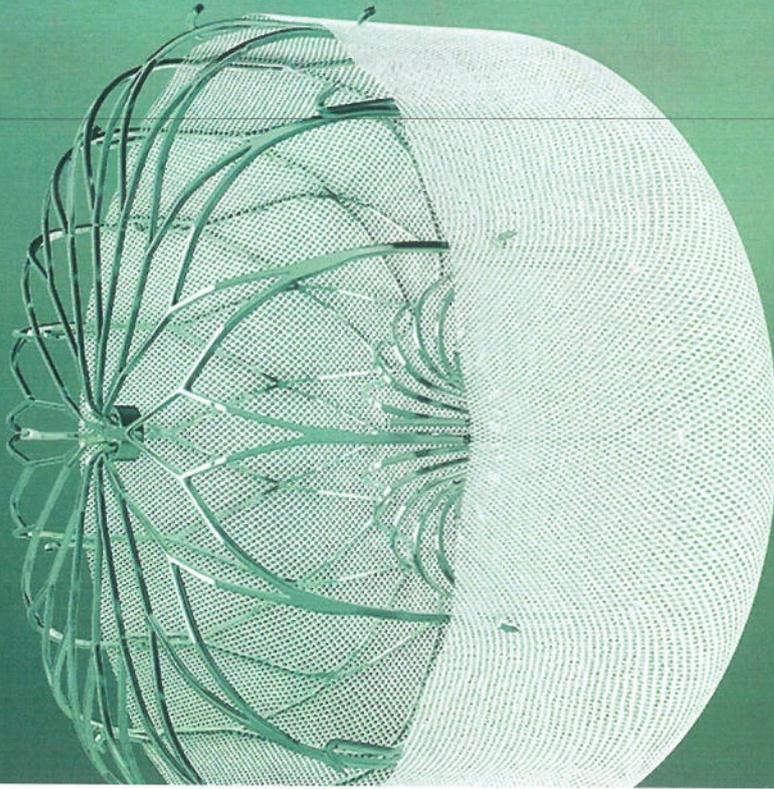
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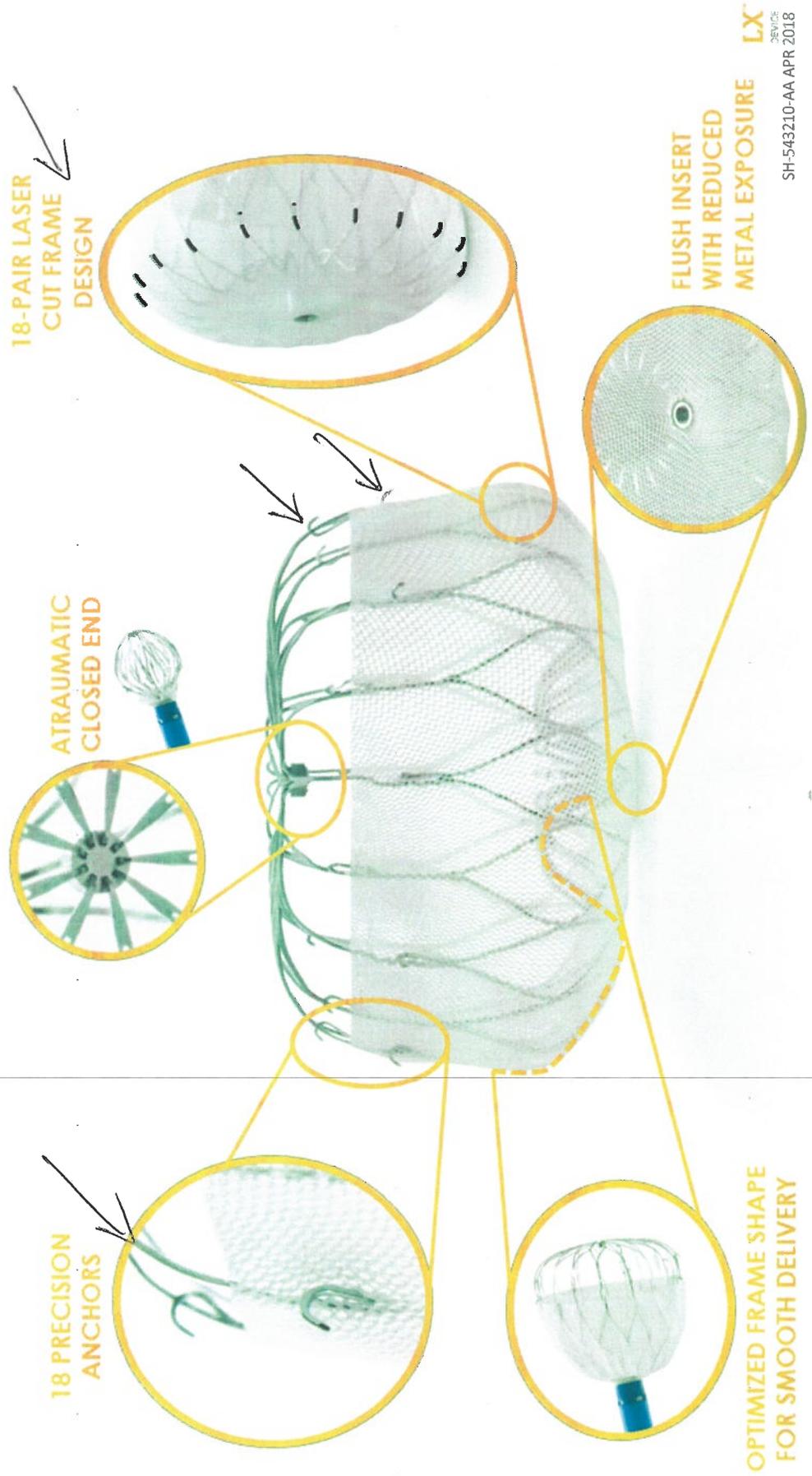
WATCHMAN™ FLX

Device Overview



What's different with this version of FLX?

Boston
Scientific



©

1. Drug-Eluting Stents

Promus ELITE™ Everolimus-Eluting Platinum Chromium Coronary Stent System

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH DIAMETER	PROX. SHAFT DIAMETER	DIST. SHAFT DIAMETER	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 394130822 0 / 08714729971979	8 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394130825 0 / 08714729971986	8 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394130827 0 / 08714729971993	8 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394130830 0 / 08714729972006	8 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394130835 0 / 08714729972013	8 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394130840 0 / 08714729972020	8 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131222 0 / 08714729972037	12 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131225 0 / 08714729972044	12 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131227 0 / 08714729972051	12 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131230 0 / 08714729972068	12 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131235 0 / 08714729972075	12 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131240 0 / 08714729972082	12 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131622 0 / 08714729972099	16 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131625 0 / 08714729972105	16 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131627 0 / 08714729972112	16 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394131630 0 / 08714729972129	16 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131635 0 / 08714729972136	16 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394131640 0 / 08714729972143	16 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132022 0 / 08714729972150	20 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132025 0 / 08714729972167	20 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132027 0 / 08714729972174	20 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132030 0 / 08714729972181	20 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132035 0 / 08714729972198	20 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132040 0 / 08714729972204	20 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132422 0 / 08714729972211	24 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132425 0 / 08714729972228	24 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132427 0 / 08714729972235	24 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132430 0 / 08714729972242	24 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132435 0 / 08714729972259	24 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132440 0 / 08714729972266	24 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132822 0 / 08714729972273	28 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132825 0 / 08714729972280	28 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132827 0 / 08714729972297	28 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394132830 0 / 08714729972303	28 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132835 0 / 08714729972310	28 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394132840 0 / 08714729972327	28 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133222 0 / 08714729972334	32 / 2.25 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394133225 0 / 08714729972341	32 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394133227 0 / 08714729972358	32 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394133230 0 / 08714729972365	32 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133235 0 / 08714729972372	32 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133240 0 / 08714729972389	32 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133825 0 / 08714729972396	38 / 2.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394133827 0 / 08714729972402	38 / 2.75 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	18 ATM (1824 kPa)
H749 394133830 0 / 08714729972419	38 / 3.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133835 0 / 08714729972426	38 / 3.50 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)
H749 394133840 0 / 08714729972433	38 / 4.00 mm	2.1 F (0.70 mm)	2.7F (0.90 mm)	11 ATM (1117 kPa)	16 ATM (1621 kPa)

Abluminal Bioabsorbable Polymer DES

Drug-Eluting Stents

Drug Coated Balloon



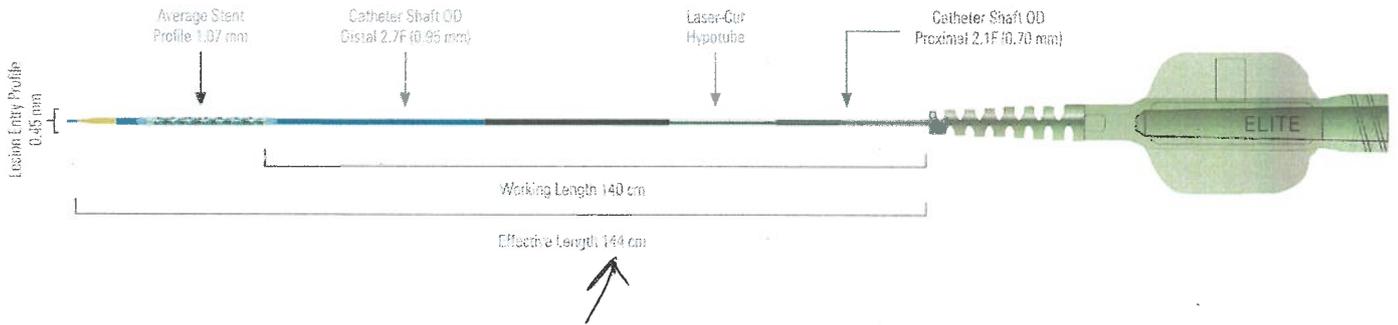
Promus ELITE™

Everolimus-Eluting Platinum Chromium Coronary Stent System

General Specifications

Indications for Use	The Promus ELITE Everolimus-Eluting Platinum Chromium Coronary Stent System is indicated for improving coronary luminal diameter in patients with symptomatic ischemic heart disease, including patients with acute myocardial infarction and patients with concomitant diabetes mellitus due to discrete de novo native coronary artery lesions. The Promus ELITE Stent is also indicated for treatment of patients presenting with: Coronary bifurcation lesions • Coronary artery ostial lesions • Unprotected left main coronary artery lesions • Coronary artery total occlusion lesions • In-stent restenosis in coronary artery lesions
Drug and Polymer	The drug-polymer coating consists of a PVDF-HFP polymer and the active pharmaceutical ingredient Everolimus.
Stent Material	Platinum Chromium (PtCr) Alloy
Available Stent Lengths	8, 12, 16, 20, 24, 28, 32, 38 (mm)
Available Stent Diameters	2.25, 2.50, 2.75, 3.00, 3.50, 4.00 (mm)
Average Stent Profile	1.07 mm
Lesion Entry Profile	0.45 mm
Drug Product	A conformal coating of a polymer carrier loaded with 100 µg/cm ² Everolimus applied to the stent with a maximum nominal drug content of 243.0 µg on the largest stent (4.00 x 38 mm).
Drug Release	100% released by 120-days
Delivery System Effective Length	144 cm
Delivery System Ports	Single access port to inflation lumen. Guidewire exit port is located approximately 26 cm from tip. Designed for guidewire ≤36 mm (0.014")
Stent Delivery Balloon	Dual-layer PEBAX™ Balloon with two radiopaque markerbands, nominally placed 0.4 mm (0.016") beyond the stent at each end.
Guide Catheter Inner Diameter	≥1.42 mm (0.056")
Guide Catheter Compatibility	5 F ≥ 1.42 mm (0.056")
Catheter Shaft Outer Diameter	2.1 F (0.70 mm) proximal and 2.7 F (≤ 0.95 mm) distal
Stent Strut Thickness	2.25 – 3.50 mm = 0.081 mm (0.0032") 4.00 mm = 0.086 mm (0.0034")
Shelf Life	24 months
Sterilization	Ethylene Oxide
Marker Band Material and Length	Platinum Iridium; 1 mm
Maximum Balloon Inflation Pressure	Nominal Inflation Pressure: 11 ATM – 1117 kPa Rated Burst Pressure: 18 ATM – 1,827 kPa (stent diameters 2.25 – 2.75 mm) 16 ATM – 1,620 kPa (stent diameters 3.00 – 4.00 mm)

Ordering Information



(mm)	8	12	16	20	24	28	32	38
2.25	H749 394130822 0	H749 394131222 0	H749 394131622 0	H749 394132022 0	H749 394132422 0	H749 394132822 0	H749 394133222 0	n/a
2.5	H749 394130825 0	H749 394131225 0	H749 394131625 0	H749 394132025 0	H749 394132425 0	H749 394132825 0	H749 394133225 0	H749 394133825 0
2.75	H749 394130827 0	H749 394131227 0	H749 394131627 0	H749 394132027 0	H749 394132427 0	H749 394132827 0	H749 394133227 0	H749 394133827 0
3.0	H749 394130830 0	H749 394131230 0	H749 394131630 0	H749 394132030 0	H749 394132430 0	H749 394132830 0	H749 394133230 0	H749 394133830 0
3.5	H749 394130835 0	H749 394131235 0	H749 394131635 0	H749 394132035 0	H749 394132435 0	H749 394132835 0	H749 394133235 0	H749 394133835 0
4.0	H749 394130840 0	H749 394131240 0	H749 394131640 0	H749 394132040 0	H749 394132440 0	H749 394132840 0	H749 394133240 0	H749 394133840 0

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IC-533403-AA-EU

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2. Pre-dilatation Balloon Catheters

EMERGE™ Monorail™ PTCA Dilatation Catheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 391930812 0 / 08714729799764	8 / 1.20 mm	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391940812 0 / 08714729799869	8 / 1.20 mm Push	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391930815 0 / 08714729799771	8 / 1.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391940815 0 / 08714729799726	8 / 1.50 mm Push	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930820 0 / 08714729799788	8 / 2.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930822 0 / 08714729799795	8 / 2.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930825 0 / 08714729799801	8 / 2.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930827 0 / 08714729799810	8 / 2.75 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930830 0 / 08714729799825	8 / 3.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930832 0 / 08714729799832	8 / 3.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391930835 0 / 08714729799849	8 / 3.50 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391930837 0 / 08714729799856	8 / 3.75 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391930840 0 / 08714729799863	8 / 4.00 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931212 0 / 08714729799870	12 / 1.20 mm	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391941212 0 / 08714729799896	12 / 1.20 mm Push	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391931215 0 / 08714729799887	12 / 1.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391941215 0 / 08714729799733	12 / 1.50 mm Push	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931220 0 / 08714729799894	12 / 2.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931222 0 / 08714729799900	12 / 2.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931225 0 / 08714729799917	12 / 2.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931227 0 / 08714729799924	12 / 2.75 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931230 0 / 08714729799931	12 / 3.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931232 0 / 08714729799948	12 / 3.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931235 0 / 08714729799955	12 / 3.50 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931237 0 / 08714729799962	12 / 3.75 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931240 0 / 08714729799979	12 / 4.00 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931512 0 / 08714729799986	15 / 1.20 mm	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391941512 0 / 08714729799702	15 / 1.20 mm Push	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391931515 0 / 08714729799993	15 / 1.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391941515 0 / 08714729799740	15 / 1.50 mm Push	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931520 0 / 08714729800002	15 / 2.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931522 0 / 08714729800019	15 / 2.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931525 0 / 08714729800026	15 / 2.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931527 0 / 08714729800033	15 / 2.75 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931530 0 / 08714729800040	15 / 3.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931532 0 / 08714729800057	15 / 3.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391931535 0 / 08714729800064	15 / 3.50 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931537 0 / 08714729800071	15 / 3.75 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391931540 0 / 08714729800088	15 / 4.00 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391932012 0 / 08714729800095	20 / 1.20 mm	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391942012 0 / 08714729799719	20 / 1.20 mm Push	0.017" / 0.43	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391932015 0 / 08714729800101	20 / 1.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391942015 0 / 08714729799757	20 / 1.50 mm Push	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932020 0 / 08714729800118	20 / 2.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932022 0 / 08714729800125	20 / 2.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932025 0 / 08714729800132	20 / 2.50 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932027 0 / 08714729800149	20 / 2.75 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932030 0 / 08714729800156	20 / 3.00 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932032 0 / 08714729800163	20 / 3.25 mm	0.017" / 0.43	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391932035 0 / 08714729800170	20 / 3.50 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391932037 0 / 08714729800187	20 / 3.75 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391932040 0 / 08714729800194	20 / 4.00 mm	0.017" / 0.43	6 ATM (608 kPa)	12 ATM (1216 kPa)

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Balloon Catheters

Micro-dilatation Catheters

Guide Catheters

Guide Catheter extension

Angiographic Catheters

Guidewires

Embollic Protection

Accessories

Cutting Balloon™

Atherectomy Devices

Chronic Total Occlusions

Trapper™ Exchange Device



2. Pre-dilatation Balloon Catheters

EMERGE™ Monorail™ Continued PTCA Dilatation Catheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 391933020 0 / 08714729800200	30 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933022 0 / 08714729800217	30 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933025 0 / 08714729800224	30 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933027 0 / 08714729800231	30 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933030 0 / 08714729800248	30 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933032 0 / 08714729800255	30 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391933035 0 / 08714729800262	30 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391933037 0 / 08714729800279	30 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391933040 0 / 08714729800286	30 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)

EMERGE™ OTW PTCA Dilatation Catheter

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 391950812 0 / 08714729800378	8 / 1.20 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391950812 0 / 08714729800293	8 / 1.20 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391950815 0 / 08714729800385	8 / 1.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950815 0 / 08714729800330	8 / 1.50 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950820 0 / 08714729800392	8 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950822 0 / 08714729800408	8 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950825 0 / 08714729800415	8 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950827 0 / 08714729800422	8 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950830 0 / 08714729800439	8 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950832 0 / 08714729800446	8 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391950835 0 / 08714729800453	8 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391950837 0 / 08714729800460	8 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391950840 0 / 08714729800477	8 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951212 0 / 08714729800484	12 / 1.20 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391961212 0 / 08714729800309	12 / 1.20 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391951215 0 / 08714729800491	12 / 1.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391961215 0 / 08714729800347	12 / 1.50 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951220 0 / 08714729800507	12 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951222 0 / 08714729800514	12 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951225 0 / 08714729800521	12 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951227 0 / 08714729800538	12 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951230 0 / 08714729800545	12 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951232 0 / 08714729800552	12 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951235 0 / 08714729800569	12 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951237 0 / 08714729800576	12 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951240 0 / 08714729800583	12 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951512 0 / 08714729800590	15 / 1.20 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391961512 0 / 08714729800316	15 / 1.20 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391951515 0 / 08714729800606	15 / 1.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391961515 0 / 08714729800354	15 / 1.50 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951520 0 / 08714729800613	15 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951522 0 / 08714729800620	15 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951525 0 / 08714729800637	15 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951527 0 / 08714729800644	15 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)

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2. Pre-dilatation Balloon Catheters

EMERGE™ OTW Continued PTCA Dilatation Catheter				
CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 391951530 0 / 08714729800651	15 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951532 0 / 08714729800668	15 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391951535 0 / 08714729800675	15 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951537 0 / 08714729800682	15 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391951540 0 / 08714729800699	15 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391952012 0 / 08714729800705	20 / 1.20 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391962012 0 / 08714729800323	20 / 1.20 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	18 ATM (1824 kPa)
H749 391952015 0 / 08714729800712	20 / 1.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391962015 0 / 08714729800361	20 / 1.50 mm Push	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952020 0 / 08714729800729	20 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952022 0 / 08714729800736	20 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952025 0 / 08714729800743	20 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952027 0 / 08714729800750	20 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952030 0 / 08714729800767	20 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952032 0 / 08714729800774	20 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391952035 0 / 08714729800781	20 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391952037 0 / 08714729800798	20 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391952040 0 / 08714729800804	20 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391953020 0 / 08714729800811	30 / 2.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953022 0 / 08714729800828	30 / 2.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953025 0 / 08714729800835	30 / 2.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953027 0 / 08714729800842	30 / 2.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953030 0 / 08714729800859	30 / 3.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953032 0 / 08714729800866	30 / 3.25 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	14 ATM (1419 kPa)
H749 391953035 0 / 08714729800873	30 / 3.50 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391953037 0 / 08714729800880	30 / 3.75 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)
H749 391953040 0 / 08714729800897	30 / 4.00 mm	0.017" / 0.43 mm	6 ATM (608 kPa)	12 ATM (1216 kPa)

Balloon Catheters

Micro-dilatation Catheters

Guide Catheters

Guide Catheter extension

Angiographic Catheters

Guidewires

Embolic Protection

Accessories

Cutting Balloon™

Atherectomy Devices

Chronic Total Occlusions

Trapper™ Exchange Device



**Boston
Scientific**

Emerge™

MORRAIL™

OVER-THE-WIRE

PTCA Dilatation Catheter

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Emerge™

MONORAIL™

OVER-THE-WIRE

PTCA Dilatation Catheter

BOX ONLY

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician.

WARNING

Contents supplied STERILE using an ethylene oxide (EO) process. Do not use if sterile barrier is damaged. If damage is found, call your Boston Scientific representative. For single use only. Do not reuse, reprocess or sterilize. Reuse, reprocessing or sterilization may compromise the structural integrity of the device and/or lead to device failure, which, in turn, may result in patient injury, illness or death. Reuse, reprocessing or sterilization may also create a risk of contamination of the device and/or cause patient infection or cross-infection, including, but not limited to, the transmission of infectious disease(s) from one patient to another. Contamination of the device may lead to injury, illness or death of the patient.

After use, dispose of product and packaging in accordance with hospital, administrative and/or local government policy.

DEVICE DESCRIPTION

Boston Scientific Emerge Over-The-Wire PTCA Dilatation Catheter and Emerge Monorail PTCA Dilatation Catheter. The generic name of the device is Over-The-Wire Percutaneous Transluminal Coronary Angioplasty Dilatation Catheter/Rapid Exchange Percutaneous Transluminal Coronary Angioplasty Dilatation Catheter.

The Emerge Over-The-Wire (OTW) and Emerge Monorail (MR) Percutaneous Transluminal Coronary Angioplasty (PTCA) Dilatation Catheters, from Boston Scientific, are Over-The-Wire and rapid exchange catheters, respectively, with a semi-compliant balloon near the distal tip. The distal section of both catheters (and the proximal section of the OTW catheter) is dual lumen and coaxial. The outer lumen is used for inflation of the balloon, and the inner lumen permits the use of guidewires ($\leq 0.014\text{ in. (0.36 mm)}$) to facilitate advancement of the catheter to and through the stenosis or stent to be dilated. The proximal section of the rapid exchange catheter is a single-lumen, stainless steel hypotube with a single luer port hub for inflation/deflation of the balloon. The OTW catheter has a dual luer port hub: one for inflation/deflation of the balloon, the other for guidewire lumen access. The balloon is designed to provide an inflatable segment of known diameter and length at recommended pressures. A balloon protector is placed over the balloon to maintain a low profile and a mandrel is placed into the inner lumen to protect the patency of the catheter. The catheter's tip is tapered to facilitate advancement of the catheter to and through the stenosis or stent. In addition to the standard design, the 1.20 mm and 1.50 mm catheters are offered in "Push" models that provide different performance characteristics. All shafts have ZGlide™ (hydrophilic) coating. For MR, the ZGlide is located from the guidewire port to just proximal of the proximal balloon waist. For OTW, the ZGlide is located from distal of the proximal marks to just proximal of the proximal balloon waist. All balloons have Xtra™ (hydrophobic) coating and some balloons have ZGlide applied from the distal tip to just proximal of the balloon, per Table 1.

Table 1. Emerge Balloon Coatings

Balloon Diameter	Balloon Length				
	8 mm	12 mm	15 mm	20 mm	30 mm
1.20 mm					
1.20 mm Push					
1.50 mm					
1.50 mm Push					
2.00 mm					
2.25 mm					
2.50 mm					
2.75 mm					
3.00 mm					
3.25 mm					
3.50 mm					
3.75 mm					
4.00 mm					
	Xtra Only			ZGlide and Xtra	

The effective length of the OTW is 143 cm and the rapid exchange catheter is 144 cm. Marks on the proximal portion of the catheter shaft indicate the exit of the balloon catheter tip out of the guide catheter (one at 90 cm and two at 100 cm).

Radiopaque marker bands, in conjunction with fluoroscopy, aid in the placement of the catheter's balloon segment. The 1.20 mm and 1.50 mm models have one radiopaque marker band, while all other models have two radiopaque marker bands. A needle with a luer port is included with the Emerge Monorail PTCA Catheter for flushing the inner lumen prior to the insertion of appropriate coronary guidewires. CLIPIT™ Hypotube Clips are also provided with the Emerge Monorail PTCA Catheter to aid in handling of the catheter.

Contents

Quantity	Material
1	Emerge (Monorail or Over-The-Wire) PTCA Dilatation Catheter
1	Flushing needle with luer fitting (Monorail Catheter only)
2	CLIPIT Hypotube Clips (Monorail Catheter only)

INTENDED USE/INDICATIONS FOR USE

The Emerge Over-The-Wire and Emerge Monorail PTCA Dilatation Catheters (balloon models 1.20-4.00 mm) are indicated for the balloon catheter dilatation of the stenotic portion of a coronary artery or bypass graft stenosis for the purpose of improving myocardial perfusion. Emerge Over-The-Wire and Emerge Monorail PTCA Dilatation Catheters (balloon models 2.00-4.00 mm) are also indicated for the post-delivery expansion of balloon expandable stents (bare metal and drug-eluting).

Note: Bench testing was conducted with Emerge Over-The-Wire and Emerge Monorail PTCA Dilatation Catheters and marketed Boston Scientific balloon expandable stents. Consideration should be taken when this device is used with different manufacturers' stents due to differences in stent design. All stents should be deployed in accordance with the manufacturer's indications and instructions for use.

CONTRAINDICATIONS

- Unprotected left main coronary artery.
- Coronary artery spasm in the absence of a significant stenosis.

ΣΣ

Boston
Scientific



EmergeTM
PTCA Dilatation Catheter

Lead the way.



CRV
Cardiology, Rhythm
and Vascular

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Emerge™

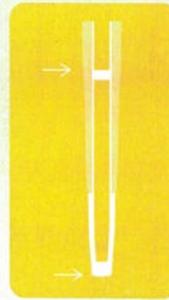
PTCA Dilatation Catheter



Versatility & Deliverability

Unites versatility and deliverability

Emerge combines the best of Boston Scientific balloon technologies to offer exceptional deliverability* with an ultra-low tip profile, for a pre-dilatation balloon catheter designed to navigate and cross even the most challenging lesions with unprecedented ease.



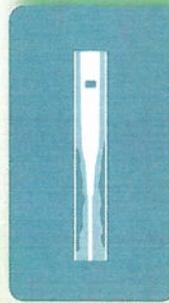
Balloon and Tip Design

- **Unique, over-the-inner tip design:** Outer tip material rides over the inner shaft material and is designed to improve overall flexibility and tip performance
- **Profiles:** Ultra-low 0.43 mm (0.017") tip profile, 0.66 mm (0.026") crossing profile
- **Balloon Material:** Opti-LEAP® balloon material provides sizing flexibility
- **Platinum Iridium marker bands** provide optimal radiopacity



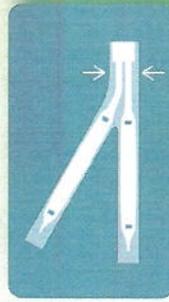
New Hydrophilic Coating

- **ZGlide™ hydrophilic coating** reduces frictional force on the catheter shaft by 51% in bench tests



Small 1.2 mm Size

- **Exceptional deliverability** and low profiles designed to cross tight lesions
- **High rated burst-pressure** 1824 +Pa (18 ATM) for sizing flexibility
- **Two shaft designs** provide options for challenging lesions



Reduced Shaft Profile for Simultaneous Use

- **Emerge is designed for enhanced simultaneous use performance**
- **Shaft profile allows for simultaneous use of two Monorail™ catheters in a 2 mm (6 Fr) guide catheter, and two Over-the-Wire catheters in an 2.67 mm (8 Fr) guide catheter***



Dual Shaft Designs

- **Two shaft options with distinct technologies** designed to provide flexibility for navigating to and through even the most challenging lesions
- **Push Technology:** Single Segment inner shaft design for ultimate pushability (1.2 mm and 1.5 mm Push)



Over-the-Wire and Monorail Model Options

- **Choose from Monorail or Over-the-Wire designs**
 - Available in sizes from 1.2 mm to 4.0 mm
- Workhorse Technology:**
B-Segment inner shaft design for maximum deliverability without sacrificing pushability (1.2 mm to 4.0 mm)

*Data on file

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Emerge™

PTCA Dilatation Catheter

Monorail™

	8 mm	12 mm	15 mm	20 mm	30 mm
1.20 mm	H7493919308120	H7493919312120	H7493919315120	H7493919320120	N/A
1.20 mm Push	H7493919408120	H7493919412120	H7493919415120	H7493919420120	N/A
1.50 mm	H7493919308150	H7493919312150	H7493919315150	H7493919320150	N/A
1.50 mm Push	H7493919408150	H7493919412150	H7493919415150	H7493919420150	N/A
2.00 mm	H7493919308200	H7493919312200	H7493919315200	H7493919320200	H7493919330200
2.25 mm	H7493919308220	H7493919312220	H7493919315220	H7493919320220	H7493919330220
2.50 mm	H7493919308250	H7493919312250	H7493919315250	H7493919320250	H7493919330250
2.75 mm	H7493919308270	H7493919312270	H7493919315270	H7493919320270	H7493919330270
3.00 mm	H7493919308300	H7493919312300	H7493919315300	H7493919320300	H7493919330300
3.25 mm	H7493919308320	H7493919312320	H7493919315320	H7493919320320	H7493919330320
3.50 mm	H7493919308350	H7493919312350	H7493919315350	H7493919320350	H7493919330350
3.75 mm	H7493919308370	H7493919312370	H7493919315370	H7493919320370	H7493919330370
4.00 mm	H7493919308400	H7493919312400	H7493919315400	H7493919320400	H7493919330400

Over-the-Wire

	8 mm	12 mm	15 mm	20 mm	30 mm
1.20 mm	H7493919508120	H7493919512120	H7493919515120	H7493919520120	N/A
1.20 mm Push	H7493919608120	H7493919612120	H7493919615120	H7493919620120	N/A
1.50 mm	H7493919508150	H7493919512150	H7493919515150	H7493919520150	N/A
1.50 mm Push	H7493919608150	H7493919612150	H7493919615150	H7493919620150	N/A
2.00 mm	H7493919508200	H7493919512200	H7493919515200	H7493919520200	H7493919530200
2.25 mm	H7493919508220	H7493919512220	H7493919515220	H7493919520220	H7493919530220
2.50 mm	H7493919508250	H7493919512250	H7493919515250	H7493919520250	H7493919530250
2.75 mm	H7493919508270	H7493919512270	H7493919515270	H7493919520270	H7493919530270
3.00 mm	H7493919508300	H7493919512300	H7493919515300	H7493919520300	H7493919530300
3.25 mm	H7493919508320	H7493919512320	H7493919515320	H7493919520320	H7493919530320
3.50 mm	H7493919508350	H7493919512350	H7493919515350	H7493919520350	H7493919530350
3.75 mm	H7493919508370	H7493919512370	H7493919515370	H7493919520370	H7493919530370
4.00 mm	H7493919508400	H7493919512400	H7493919515400	H7493919520400	H7493919530400



To find out more about Emerge™, use your smartphone to scan this code.

¹ Crossing profile is defined as the maximum diameter found between the proximal end of the balloon and the distal tip of the catheter. Definition excerpted from FDA Guidance document titled, Class II Special Controls Guidance Document for Certain Percutaneous Transluminal Coronary Angioplasty (PTCA) Catheters. Emerge 0.66 mm (0.026") crossing profile measured on 15 mm (n = 5) and 12 mm (n = 4) devices.

Testing completed by Boston Scientific Corporation. Bench test results may not necessarily be indicative of clinical performance. Data on file.

² Testing completed on 2.5 x 15 mm Emerge product (n = 18) and 2.5 x 20 mm Apex product (n = 14).

³ Testing completed on Monorail product. Emerge 2.5 x 15 mm (n = 16), Sprinter Legend 2.5 x 15 mm (n = 16), and Trek 2.5 x 15 mm (n = 16).

⁴ 2 mm (6 F) guide catheter minimum 1.78 mm (0.070") ID, 2.67 mm (8 F) guide catheter minimum 2.2 mm (0.089") ID.

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2. Post-dilatation Balloon Catheters

NC EMERGE™ Monorail™

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 392760620 0 / 08714729846833	6 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760622 0 / 08714729846840	6 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760625 0 / 08714729846857	6 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760627 0 / 08714729846864	6 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760630 0 / 08714729846871	6 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760632 0 / 08714729846888	6 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760635 0 / 08714729846895	6 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760637 0 / 08714729846901	6 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760640 0 / 08714729846918	6 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760645 0 / 08714729846925	6 / 4.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392760650 0 / 08714729846932	6 / 5.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392760820 0 / 08714729846949	8 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760822 0 / 08714729846956	8 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760825 0 / 08714729846963	8 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760827 0 / 08714729846970	8 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760830 0 / 08714729846987	8 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760832 0 / 08714729846994	8 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760835 0 / 08714729847007	8 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760837 0 / 08714729847014	8 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760840 0 / 08714729847021	8 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392760845 0 / 08714729847038	8 / 4.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392760850 0 / 08714729847045	8 / 5.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392760855 0 / 08714729847052	8 / 5.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392760860 0 / 08714729847069	8 / 6.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761220 0 / 08714729847076	12 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761222 0 / 08714729847083	12 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761225 0 / 08714729847090	12 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761227 0 / 08714729847106	12 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761230 0 / 08714729847113	12 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761232 0 / 08714729847120	12 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761235 0 / 08714729847137	12 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761237 0 / 08714729847144	12 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761240 0 / 08714729847151	12 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761245 0 / 08714729847168	12 / 4.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761250 0 / 08714729847175	12 / 5.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761255 0 / 08714729847182	12 / 5.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761260 0 / 08714729847199	12 / 6.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761520 0 / 08714729847205	15 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761522 0 / 08714729847212	15 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761525 0 / 08714729847229	15 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761527 0 / 08714729847236	15 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761530 0 / 08714729847243	15 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761532 0 / 08714729847250	15 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761535 0 / 08714729847267	15 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761537 0 / 08714729847274	15 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761540 0 / 08714729847281	15 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392761545 0 / 08714729847298	15 / 4.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761550 0 / 08714729847304	15 / 5.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761555 0 / 08714729847311	15 / 5.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392761560 0 / 08714729847328	15 / 6.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)

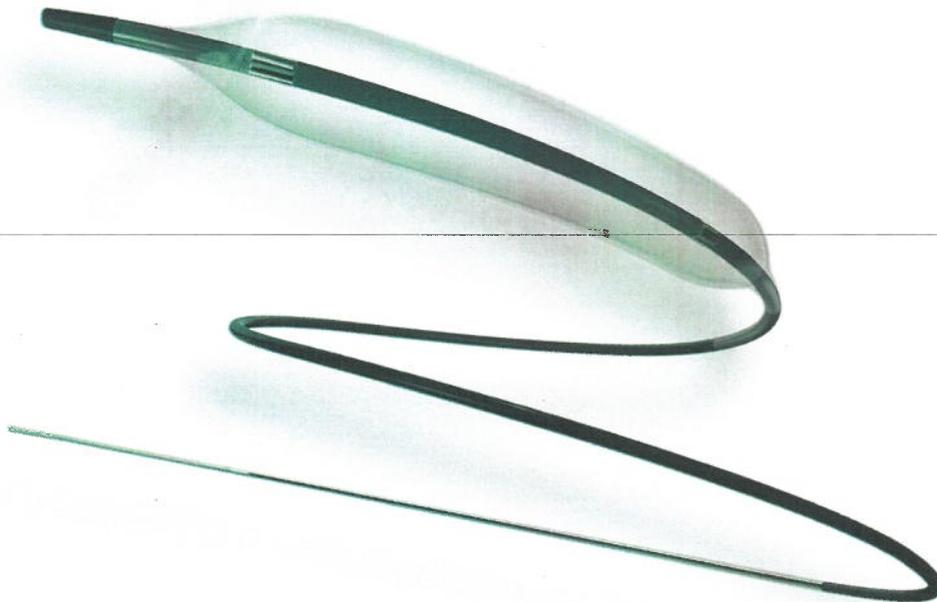
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2. Post-dilatation Balloon Catheters

NC EMERGE™ Monorail™ Continued

CATALOG NUMBER / ORDER NUMBER (GTIN)	LENGTH / DIAMETER	LESION ENTRY PROFILE	NOMINAL PRESSURE	RATED BURST PRESSURE
H749 392762020 0 / 08714729847335	20 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762022 0 / 08714729847342	20 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762025 0 / 08714729847359	20 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762027 0 / 08714729847366	20 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762030 0 / 08714729847373	20 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762032 0 / 08714729847380	20 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762035 0 / 08714729847397	20 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762037 0 / 08714729847403	20 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762040 0 / 08714729847410	20 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392762045 0 / 08714729847427	20 / 4.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392762050 0 / 08714729847434	20 / 5.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392762055 0 / 08714729847441	20 / 5.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392762060 0 / 08714729847458	20 / 6.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	18 ATM (1824 kPa)
H749 392763020 0 / 08714729847465	30 / 2.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763022 0 / 08714729847472	30 / 2.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763025 0 / 08714729847489	30 / 2.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763027 0 / 08714729847496	30 / 2.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763030 0 / 08714729847502	30 / 3.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763032 0 / 08714729847519	30 / 3.25 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763035 0 / 08714729847526	30 / 3.50 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763037 0 / 08714729847533	30 / 3.75 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)
H749 392763040 0 / 08714729847540	30 / 4.00 mm	0.017" (0.43 mm)	12 ATM (1216 kPa)	20 ATM (2026 kPa)



NC Emerge™

MONORAIL™

PTCA Dilatation Catheter

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NC Emerge™

MONORAIL™

PTCA Dilatation Catheter

Rx ONLY

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician.

WARNING

Contents supplied **STERILE** using an ethylene oxide (EO) process. Do not use if sterile barrier is damaged. If damage is found, call your Boston Scientific representative. For single use only. Do not reuse, reprocess or resterilize. Reuse, reprocessing or resterilization may compromise the structural integrity of the device and/or lead to device failure which, in turn, may result in patient injury, illness or death. Reuse, reprocessing or resterilization may also create a risk of contamination of the device and/or cause patient infection or cross-infection, including, but not limited to, the transmission of infectious disease(s) from one patient to another. Contamination of the device may lead to injury, illness or death of the patient.

After use, dispose of product and packaging in accordance with hospital, administrative and/or local government policy. Carefully read all instructions prior to use. Observe all warnings and precautions noted throughout these instructions. Failure to do so may result in complications.

DEVICE DESCRIPTION

Boston Scientific NC Emerge Monorail (MR) Percutaneous Transluminal Coronary Angioplasty (PTCA) Dilatation Catheter. The generic name of the device is Rapid Exchange Percutaneous Transluminal Coronary Angioplasty Dilatation Catheter.

The NC Emerge MR PTCA Dilatation Catheter, is a rapid exchange catheter with a low compliance balloon near the distal tip. The distal section of the catheter is dual lumen and coaxial. The outer lumen is used for inflation of the balloon, and the inner lumen permits the use of guidewires ≤ 0.014 in (0.36 mm) to facilitate advancement of the catheter to and through the stenosis or stent to be dilated. The proximal section of the MR catheter is a single-lumen, stainless steel hypotube with a single luer port hub for inflation/deflation of the balloon. The balloon is designed to provide an inflatable segment of known diameter and length at recommended pressures. A balloon protector is placed over the balloon to maintain a low profile and a mandrel is placed into the inner lumen to protect the patency of the catheter. The catheter's tip is tapered to facilitate advancement of the catheter to and through the stenosis or stent. All shafts have ZGlide™ (hydrophilic) coating. The ZGlide is located from the guidewire port to just proximal of the proximal balloon waist. All balloons have Xtra™ (hydrophobic) coating and some balloons have ZGlide applied from the distal tip to just proximal of the balloon, per Table 1.

Table 1. NC Emerge Balloon Coatings

Balloon Diameter (mm)	Balloon Length (mm)									
	6	8	12	15	30					
2.00	ZGlide and Xtra									
2.25										
2.50										
2.75										
3.00										
3.25										
3.50						Xtra only				
3.75										
4.00										
4.50										
5.00										
5.50										
6.00										

The effective length of the MR catheter is 143 cm. Marks on the proximal portion of the catheter shaft indicate the exit of the balloon catheter tip out of the guide catheter (one at 90 cm and one at 100 cm).

Radiopaque marker bands, in conjunction with fluoroscopy, aid in the placement of the catheter's balloon segment. A CLIPIT™ Hypotube Clip is provided with the NC Emerge MR PTCA Dilatation Catheter to aid in handling the catheter.

Contents

- One (1) NC Emerge MR PTCA Dilatation Catheter
- One (1) CLIPIT Hypotube Clip

INTENDED USE/INDICATIONS FOR USE

The NC Emerge MR PTCA Dilatation Catheter is indicated for the balloon catheter dilatation of the stenotic portion of a native coronary artery or bypass graft stenosis for the purpose of improving myocardial perfusion in patients with atherosclerosis.

The NC Emerge MR PTCA Dilatation Catheter (balloon models 2.00-5.00 mm) is also indicated for the post-delivery expansion of balloon expandable stents (bare metal and drug-eluting).

Note: Bench testing was conducted with NC Emerge MR PTCA Dilatation Catheters and marketed Boston Scientific balloon expandable stents. Consideration should be taken when this device is used with different manufacturers' stents due to differences in stent design. All stents should be deployed in accordance with the manufacturer's indications and instructions for use.

CONTRAINDICATIONS

The NC Emerge PTCA Dilatation Catheter is contraindicated for use in:

- Unprotected left main coronary artery.
- Coronary artery spasm in the absence of a significant stenosis.

W

NC EMERGE™ PTCA Dilatation Catheter

Defining the Future of Balloon Technology

The Case for Post-dilatation



Quality Outcomes

Post-dilatation has been shown to reduce complications

Post-dilatation reduces target vessel revascularization (TVR)¹



Operational Efficiency

Help ensure total stent expansion

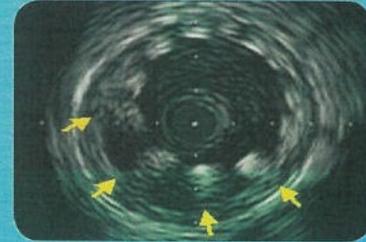
Uniform stent apposition facilitates uniform drug absorption into endothelial tissue^{2,3,4,5}



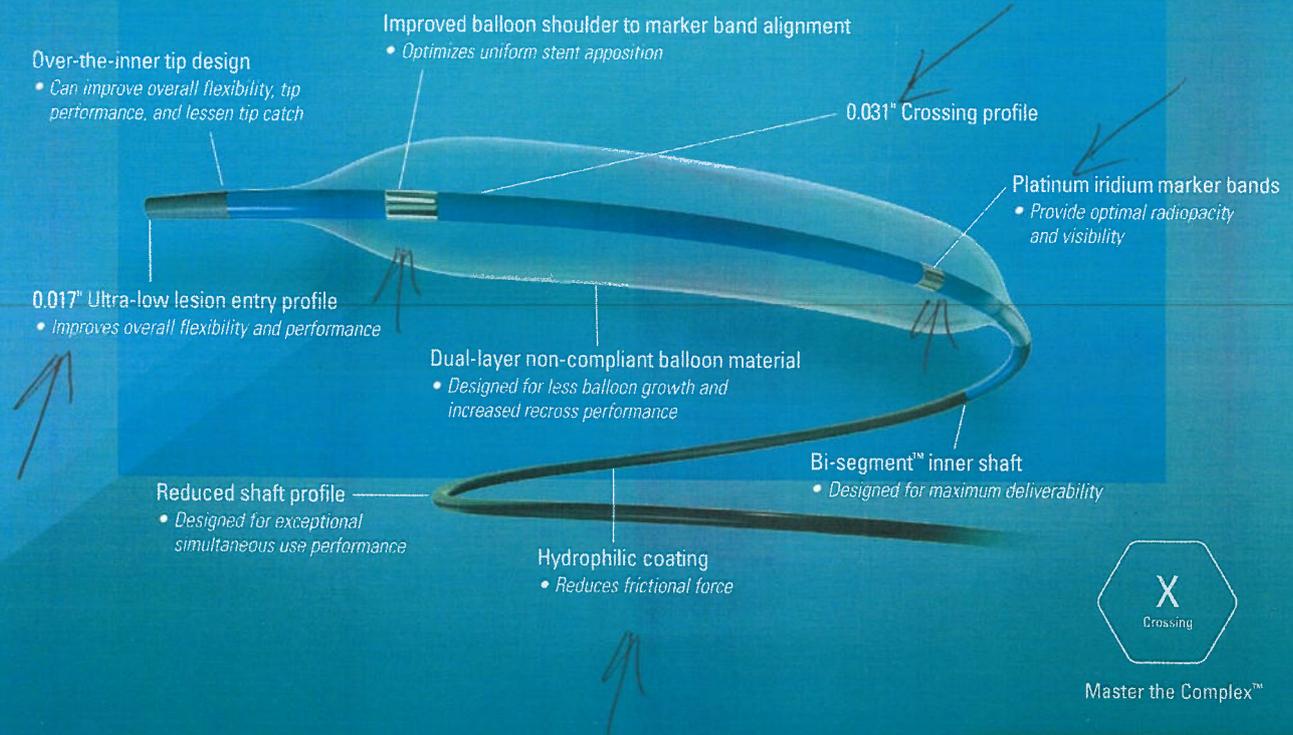
Financial Health

Help reduce costs associated with complications; up to \$11,100 per impacted patient⁶

Incomplete apposition may contribute to thrombosis formation and SATs, and may increase risk of restenosis^{2,3}



Using IVUS, the stent demonstrates sub-optimal expansion/apposition



NC EMERGE™ PTCA Dilatation Catheter Offers Improved Performance when Compared to NC QUANTUM APEX™ PTCA Dilatation Catheter*

Improved Balloon Performance

- 25% lower growth
- Maintain burst pressure
- Reduced balloon overhang

Lower Profiles

- Improved simultaneous use
- Pre-dilatation balloon profiles in a post-dilatation balloon

Additional Sizes

- 5.5 mm and 6.0 mm
- Broadest matrix of sizes

Improved Deliverability

- Better mid-balloon profile

NC EMERGE Monorail™ PTCA Dilatation Catheter

Balloon Diameter	Balloon Length					
	6 mm	8 mm	12 mm	15 mm	20 mm	30 mm
2.0 mm	H7493926706200	H7493926708200	H7493926712200	H7493926715200	H7493926720200	H7493926730200
2.25 mm	H7493926706220	H7493926708220	H7493926712220	H7493926715220	H7493926720220	H7493926730220
2.5 mm	H7493926706250	H7493926708250	H7493926712250	H7493926715250	H7493926720250	H7493926730250
2.75 mm	H7493926706270	H7493926708270	H7493926712270	H7493926715270	H7493926720270	H7493926730270
3.0 mm	H7493926706300	H7493926708300	H7493926712300	H7493926715300	H7493926720300	H7493926730300
3.25 mm	H7493926706320	H7493926708320	H7493926712320	H7493926715320	H7493926720320	H7493926730320
3.5 mm	H7493926706350	H7493926708350	H7493926712350	H7493926715350	H7493926720350	H7493926730350
3.75 mm	H7493926706370	H7493926708370	H7493926712370	H7493926715370	H7493926720370	H7493926730370
4.0 mm	H7493926706400	H7493926708400	H7493926712400	H7493926715400	H7493926720400	H7493926730400
4.5 mm	H7493926706450	H7493926708450	H7493926712450	H7493926715450	H7493926720450	—
5.0 mm	H7493926706500	H7493926708500	H7493926712500	H7493926715500	H7493926720500	—
5.5 mm	—	H7493926708550	H7493926712550	H7493926715550	H7493926720550	—
6.0 mm	—	H7493926708600	H7493926712600	H7493926715600	H7493926720600	—

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* Testing completed against NC QUANTUM APEX by Boston Scientific. (Profiles n = 5, Balloon overhang/Simultaneous use n = 15).

† Boston Scientific is not responsible for the correct use of codes on submitted claims, this information does not constitute reimbursement or legal advice.

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