

# SYNERGY™ XD

Everolimus-Eluting Platinum Chromium  
Coronary Stent System

The **SYNERGY XD BP Stent System** is the newest addition to Boston Scientific's SYNERGY™ Coronary Stent System family that combines added trackability and pushability with a low-profile stent platform to make optimal healing even more deliverable particularly in radial PCIs.

**Enhanced laser-cut hypotube technology** provides extra push for challenging cases

**Extended lubricious coating** increases trackability by reducing friction around anatomical curves

**Proprietary PtCr alloy** enhances visibility, provides exceptional radial strength and conformability, and minimizes recoil

**Optimized stent design** has thin, rounded struts paired with a 2-connector design for balanced strength and flexibility

## Trusted bioabsorbable polymer and drug for optimal healing

Unlike permanent polymer DES, the SYNERGY XD Bioabsorbable Polymer is gone shortly after the drug is eluted

**Abluminal polymer application** suppresses neointimal growth while promoting early healing

**Fast polymer absorption**  
The 4-month absorption time is up to 6x faster than other BP stents<sup>1</sup>

**Optimized Evrolimus drug delivery**  
Synchronous drug elution and polymer absorption<sup>2</sup>

**Thin, rounded struts**  
Stents with thinner struts heal faster than thicker stent struts<sup>3</sup>



**BIOABSORBABLE  
POLYMER**

<sup>1</sup>Compared to Orsiro BP.

<sup>2</sup>Wilson et al. CCI 2015.

<sup>3</sup>Soucy N, Feigin J, et al. EuroIntervention. 2010 Nov;6(5):630-7.

# SYNERGY™ XD

Everolimus-Eluting Platinum Chromium  
Coronary Stent System

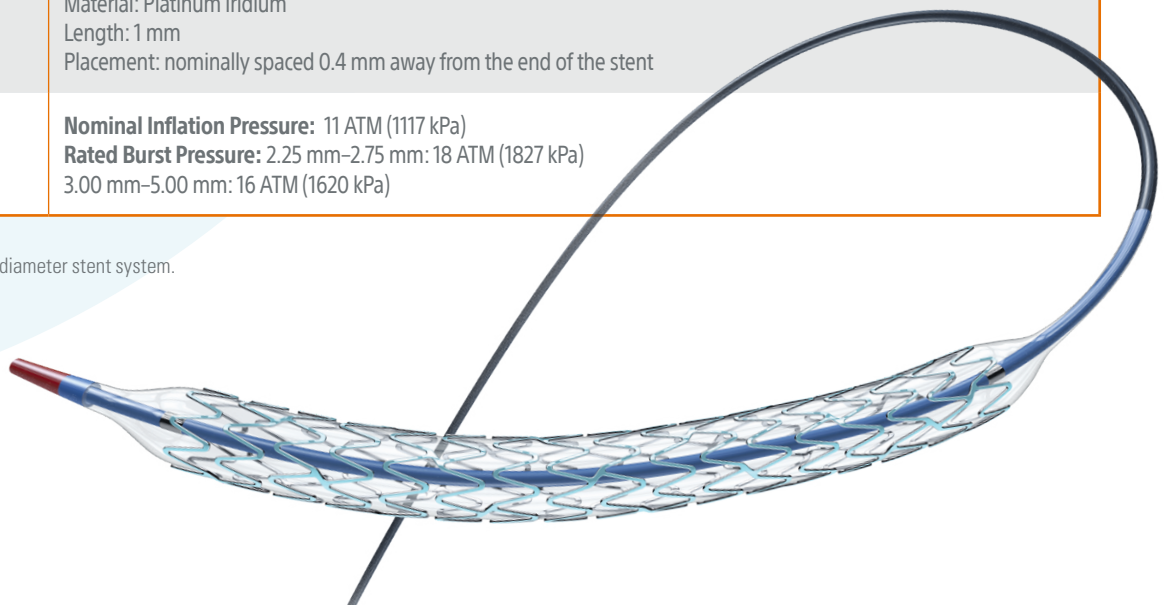
## General Specifications

<b>Indications for Use</b>	<p>The SYNERGY XD Stent System is intended to improve luminal diameter due to discrete, de novo native coronary artery stenosis in patients with symptomatic ischemic heart disease; including those with acute coronary syndromes (acute myocardial infarction and unstable angina), diabetes mellitus, renal failure or who are at a high risk of bleeding. The SYNERGY XD Stent System is also indicated for use in the following coronary lesion types: Bifurcation   Ostial   Unprotected left main   Total occlusion   In-stent restenosis   Saphenous vein graft   Multi-vessel disease</p> <p>The treated lesion length should be less than the nominal stent length with a reference vessel diameter of 2.25 mm - 5.0 mm.</p>
<b>Bioabsorbable Polymer and Drug Coating</b>	<p>The coating is applied only on the abluminal side of the stent surface to minimize the polymer load. To provide freedom from long-term polymer exposure, the polymer completes absorption shortly after the drug elution ends at three months<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>• Antiproliferative Drug: Everolimus</li> <li>• Drug Polymer Carrier: PLGA [poly(DL-lactide-co-glycolide)]</li> <li>• Drug Dose Density: <math>\approx 1 \mu\text{g}/\text{mm}^2</math></li> <li>• Coating Thickness: <math>\approx 4 \mu\text{m}</math></li> </ul>
<b>Stent Material</b>	Platinum Chromium (PtCr) Alloy
<b>Available Stent Lengths (mm)</b>	8, 12, 16, 20, 24, 28, 32, 38, 48
<b>Available Stent Diameters (mm)</b>	2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50, 5.00
<b>Lesion Entry Profile</b>	0.017 inch (0.44 mm)
<b>Average Stent Profile<sup>2</sup></b>	0.039 inch (0.98 mm)
<b>Total Catheter Length</b>	144 cm
<b>Distal and Midshaft Coating</b>	Bioslide™ hydrophilic coating
<b>SDS Shaft Outer Diameter</b>	2.0F (0.67 mm) proximally and 2.6F (0.89mm) or 2.7F (0.92mm) distally <sup>3</sup>
<b>Guide Catheter Compatibility</b>	<p>2.25 mm - 4.0 mm: <math>\geq 5 \text{ F}</math> (0.056", 1.42 mm)</p> <p>4.50 mm - 5.0 mm: <math>\geq 6 \text{ F}</math> (0.066", 1.68 mm)</p>
<b>Delivery System Ports</b>	Single access port to inflation lumen. Guidewire exit port is located approximately 23 cm from tip. Designed for guidewire $\leq 0.36 \text{ mm}$ (0.014 inch)
<b>Stent Delivery Balloon</b>	Dual-layer 5 wing PEBAX Balloon with two radiopaque markers nominally spaced 0.4 mm away from the end of the stent
<b>Marker Band</b>	<p>Material: Platinum Iridium</p> <p>Length: 1 mm</p> <p>Placement: nominally spaced 0.4 mm away from the end of the stent</p>
<b>Maximum Balloon Inflation Pressure</b>	<p><b>Nominal Inflation Pressure:</b> 11 ATM (1117 kPa)</p> <p><b>Rated Burst Pressure:</b> 2.25 mm–2.75 mm: 18 ATM (1827 kPa)</p> <p>3.00 mm–5.00 mm: 16 ATM (1620 kPa)</p>

<sup>1</sup>Wilson et al. CCI 2015.

<sup>2</sup>Measurement applies to the 2.50 mm diameter stent system.

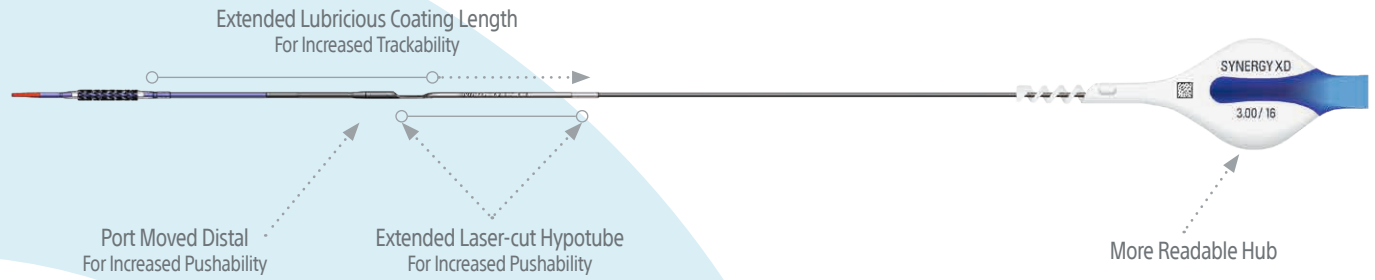
<sup>3</sup>Dependent on diameter and length.



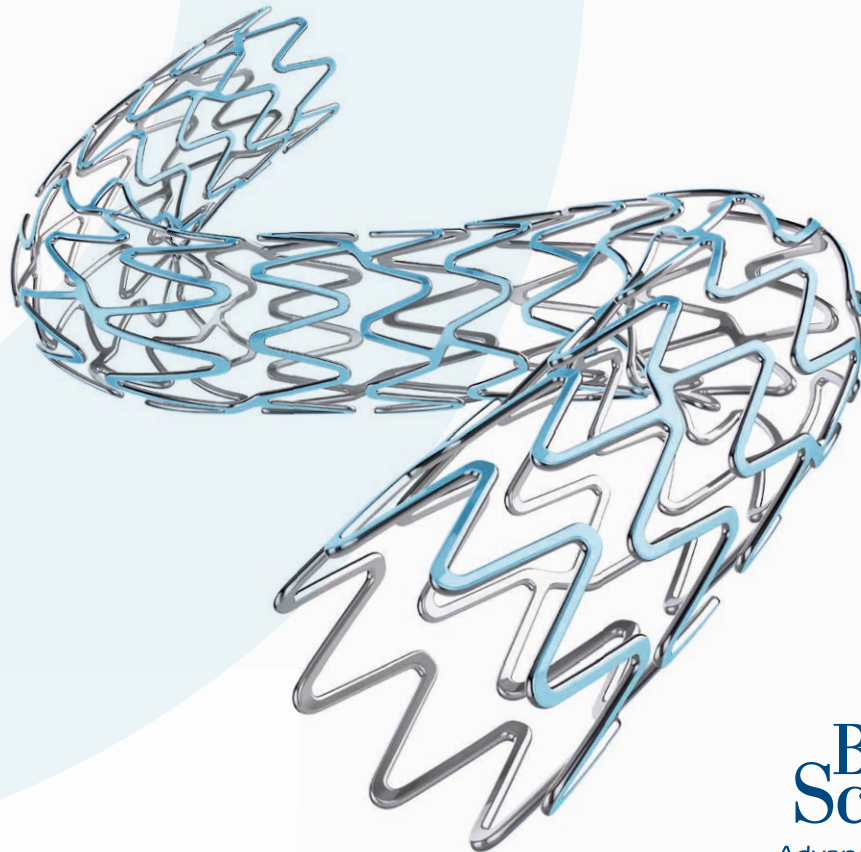
# SYNERGY™ XD

Everolimus-Eluting Platinum Chromium  
Coronary Stent System

## Ordering Information



Ø (mm)	STENT LENGTH (mm)									
	8	12	16	20	24	28	32	38	48	
2.25	H7493941708220	H7493941712220	H7493941716220	H7493941720220	H7493941724220	H7493941728220	H7493941732220	H7493941738220		
2.50	H7493941708250	H7493941712250	H7493941716250	H7493941720250	H7493941724250	H7493941728250	H7493941732250	H7493941738250	H7493941748250	
2.75	H7493941708270	H7493941712270	H7493941716270	H7493941720270	H7493941724270	H7493941728270	H7493941732270	H7493941738270	H7493941748270	
3.00	H7493941708300	H7493941712300	H7493941716300	H7493941720300	H7493941724300	H7493941728300	H7493941732300	H7493941738300	H7493941748300	
3.50	H7493941708350	H7493941712350	H7493941716350	H7493941720350	H7493941724350	H7493941728350	H7493941732350	H7493941738350	H7493941748350	
4.0	H7493941708400	H7493941712400	H7493941716400	H7493941720400	H7493941724400	H7493941728400	H7493941732400	H7493941738400	H7493941748400	
4.5		H7493941712450	H7493941716450	H7493941720450	H7493941724450	H7493941728450	H7493941732450			
5.0		H7493941712500	H7493941716500	H7493941720500	H7493941724500	H7493941728500	H7493941732500			



**Boston Scientific**  
Advancing science for life™

Soucy N, Feygin J, et al. EuroIntervention. 2010 Nov;6(5):630-7.

All cited trademarks are the property of their respective owners. CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device. Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. This material not intended for use in France. 2021 Copyright © Boston Scientific Corporation or its affiliates. All rights reserved. IC-1036701-AA - CreativeServices.

[www.bostonscientific.eu](http://www.bostonscientific.eu)

© 2021 Boston Scientific Corporation or its affiliates. All rights reserved.