

CASO 9:



Operadores: **Javier Suarez de Lezo**
Herreros **Francisco Jose**
Hidalgo Lesmes

Moderadores:

- **Helena Tizón Marcos**
- **Valeriano Ruiz Quevedo**

Panelistas:

- **Gema Miñana Escriva**
- **Sandra Santos-Martínez**
- **Juan Caballero Borrego**
- **Jeremías Bayón**
- **Héctor Cubero**

Glidesheath Slender® Hydrophilic Coated Introducer Sheath



Introducer
convencional
6Fr

**Lumen
Equivalente**

Glidesheath
Slender®
6Fr

**Diámetro externo
Equivalente**

Introducer
convencional
5Fr

1 Diámetro externo
reducido en 1 Fr

2 Mantiene el
diámetro del lumen

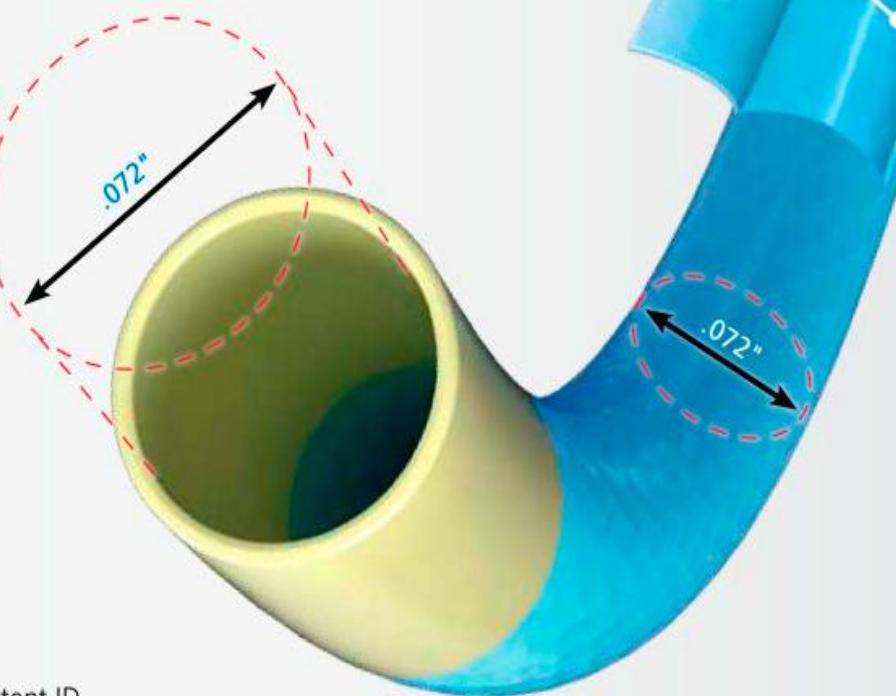
3 Reduce la necesidad de
cambiar a un introductor de
talla superior

ADROIT® Guiding Catheter

Designed with

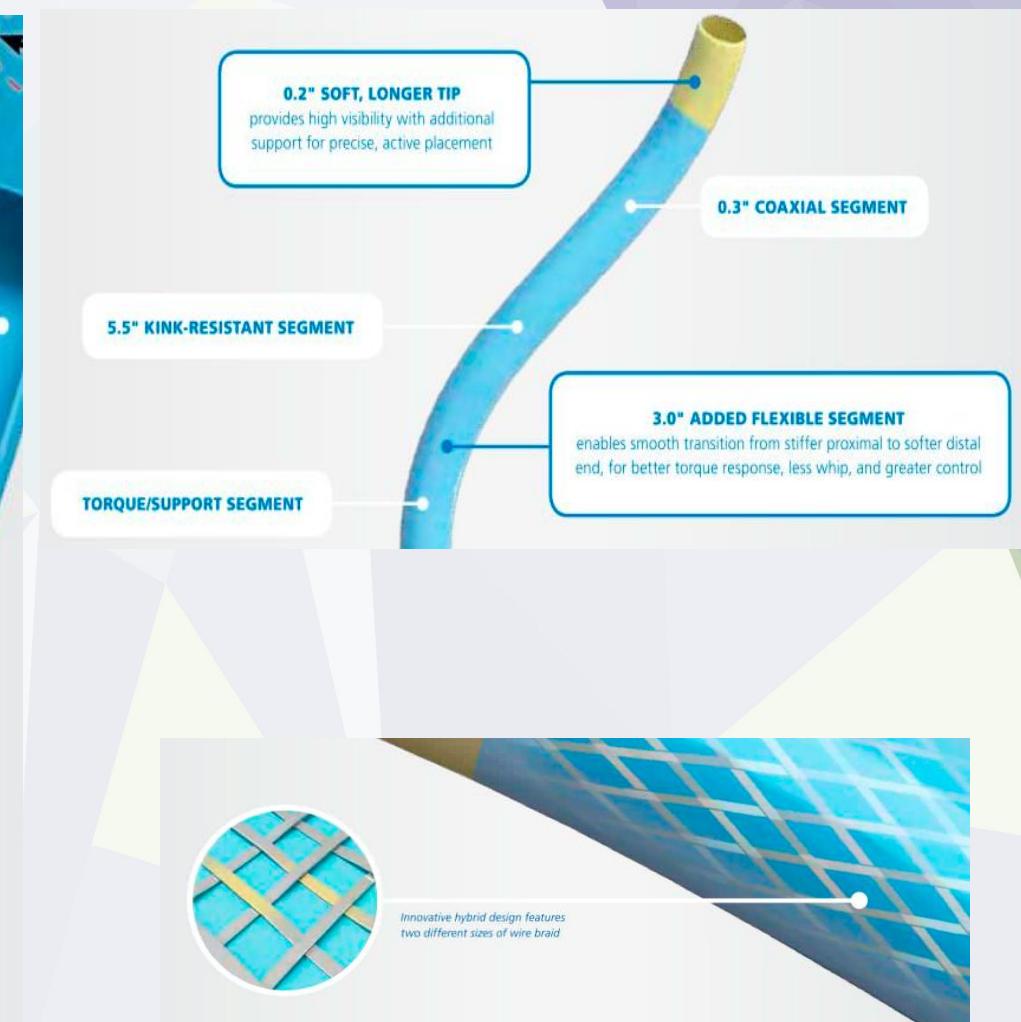
LARGEST INNER DIAMETER

- .072" ID to improve device compatibility and provide better visualization
- Easier to perform kissing balloon procedures
- Innovative hybrid braided wire technology enables larger lumen with optimal back-up support
- PTFE lining provides lubricious lumen for smoother delivery
- TRUELUMEN™ Technology ensures consistent ID from hub to tip, for added confidence



PTFE LINING
throughout

Cordis®



ASAHI
SION
PTCA GUIDE WIRE

ASAHI
SION blue
PTCA GUIDE WIRE

Durability • Control ➤ Success



World Medica
BRINGING TOOLS FOR EXCELLENCE

ASAHI SION blue

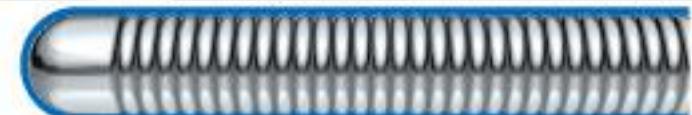
For safety



Silicon coating from tip to 15 mm
Hydrophilic coating 185 mm

ASAHI SION

For crossability



Hydrophilic coating 280 mm

ASAHI SION blue

- **Safety**
 - Softer tip, reduced lubricity
 - Navigate tortuosity
 - Superior control
- **Device delivery**
 - Higher support ability
- **Differentiation of wires**
 - Changed shaft color

ASAHI SION blue

- **Torque performance**
 - Wire reacts as expected
 - Navigate tortuosity
 - Superior control
- **Tip memory & shaping**
 - Possible to select multiple vessels

ASAHI SION

- **Lesion crossing**
 - For complex cases
- **Vessel trackability**
 - Flexible shaft support

GUIDEZILLA™ II

Guide Extension Catheter





LCD MONITOR DISPLAY
21" screen with Full HD 1920 x 1080 resolution



ISOLATION TRANSFORMER
Power Button



FAST PULLBACK MOTOR DRIVE UNIT
Best Practice:
Always keep the MDU clamped to the permanent sled

DOCKING STATION & TABLET
13.3" LED-backlight screen with capacitive touch



KEYBOARD & MOUSE
Up to 2 wireless mice

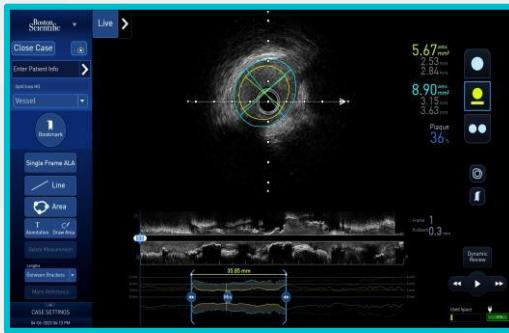


ACQUISITION PC
MDU Connection at the back





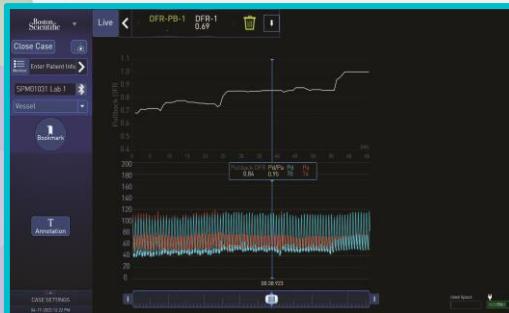
Key Features



Automated Lesion Assessment (ALA™)

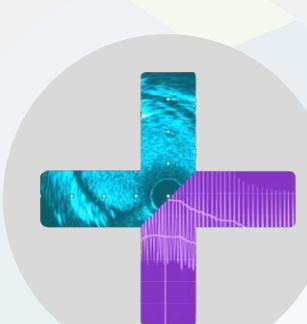
Precise Vessel Measurements¹

- AI-enhanced lumen and vessel borders
- Vessel profile
- Key frame markers



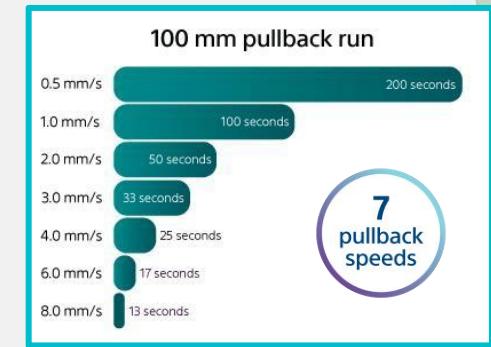
PhysioMap™ Enhanced DFR guidance*

Optimize your treatment decisions by quickly locating regions of pressure change during a pullback



Fast Pullback 
High quality images at the pullback speed you want

Automatic pullback now includes faster speeds up to 8 mm/s allowing for quicker vessel imaging



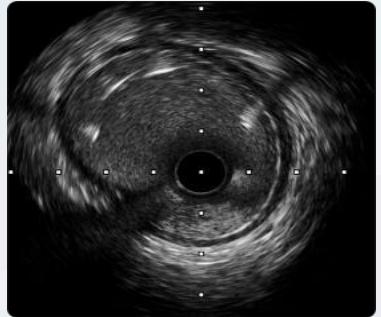
Tableside Control Complete control from the sterile field

Operate IVUS and capture physiological measurements on your integrated system without leaving the sterile field

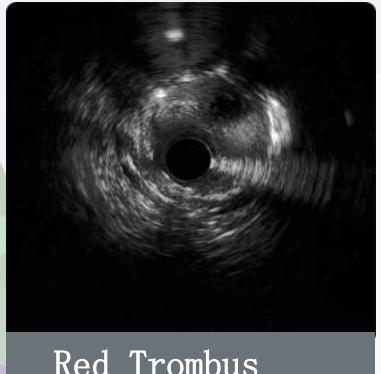


OPTICROSS™ HD

60 MHz Coronary Imaging Catheter



Malapposed Stent



Red Trombus

High definition images with depth to see
small to 6mm vessels

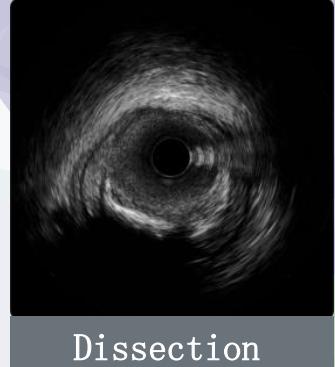
Well-balanced engineering
design
Good Deliverability

5F Compatible
Assist in more
cases

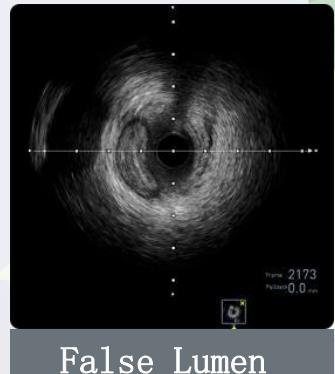


Advanced 60 MHz Composite Transducer

Precise image with 6 mm depth for
small to large vessel assessment



Dissection



False Lumen

Rotawire Drive™

Enhanced torque transmission for predictable and precise lesion access in calcified lesions

Unsurpassed Torque Transmission

Able to navigate calcified lesions with 1:1 torque through tortuous anatomy, providing access for ROTAPRO™



Improved Core Wire Durability

Improved kink resistance and wear resistance compared to the legacy Rotawire

Highly Visible Safety Tip

platinum coil to provide visibility and added safety during Rotational atherectomy

Boston Scientific
Advancing science for life™

ASAHI Core Wire Technology

One-piece stainless steel core wire transmits torque for predictable steering

Reduce reliance on wire exchange devices, saving procedural time and lowering overall device spend

ROTAPRO™ ROTATIONAL ATHERECTOMY SYSTEM



**Gold standard Atherectomy system on an enhanced, easy-to-use platform,
designed to modify lesion compliance in calcified lesions**

Console

- Vibrant Digital Display – Enhanced feedback and deceleration indicator
- Streamlined Connections – Quick and easy setup
- Small console with 2 possible orientations – Installation flexibility

Advancer

- Easy-to-use Controls – Incorporated on the advancer
- Ergonomic Dynaglide™ Design – Simple system removal
- Hybrid Harness – Improved cable management



Easier to use | Easier to setup | Trusted performance

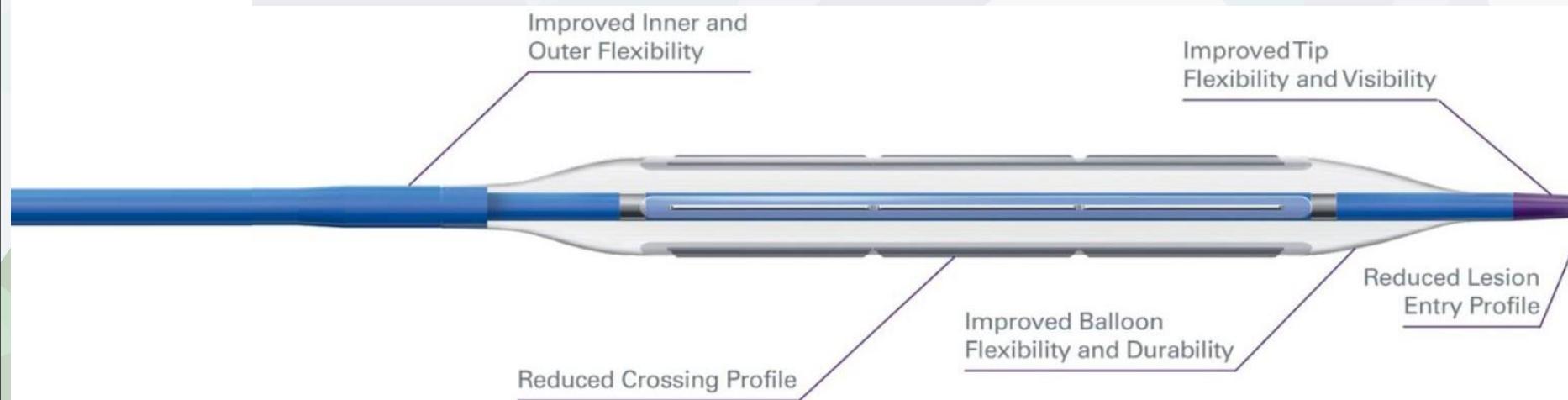
Manufacturer: Boston Scientific

Boston Scientific
Advancing science for life™

Coronary Cutting Balloon

The WOLVERINE™ Design Advantage

The WOLVERINE Cutting Balloon is designed with proprietary atherotomes on a low pressure non-compliant balloon



2.0 - 4.0 MM
BALLOON DIAMETERS

6, 10, 15 MM
WORKING LENGTH

PROPRIETARY
ATHEROTOMES

EQUIPPED WITH
Z-GLIDE™ HYDROPHILIC
COATING

5F (2.0-3.25)
6F (3.5-4.00)
GC COMPATIBLE

Boston
Scientific
Advancing science for life™

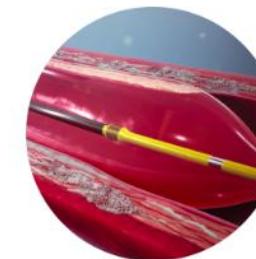
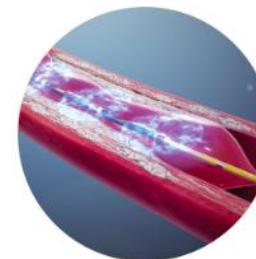
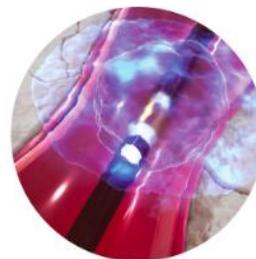
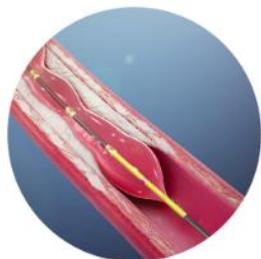
NC EMERGE™
Balloon Platform

SHOCKWAVE | C²⁺

MINIMIZE TRAUMA – Minimize trauma to soft tissue by safely selecting and fracturing intimal and medial calcium

OPTIMIZE OUTCOMES – Optimize outcomes while reducing complications and cost escalation

SIMPLIFY PROCEDURES – Simple and intuitive system that makes complex calcified procedures more predictable



1
The IVL Catheter is delivered across a calcified lesion over an 0.014" wire and the integrated balloon is expanded to 4atm to facilitate efficient energy transfer

2
An electrical discharge from the emitters vaporizes the fluid within the balloon, creating a rapidly expanding & collapsing bubble that generates sonic pressure waves

3
The waves create a localized field effect that travels through soft vascular tissue, selectively cracking intimal and medial calcium within the vessel wall

4
After calcium modification, the integrated balloon may subsequently be used to dilate the lesion at low pressure in order to maximize luminal gain



OPN NC® Super High Pressure PTCA Balloons

Highest rated burst pressure of 35 bar

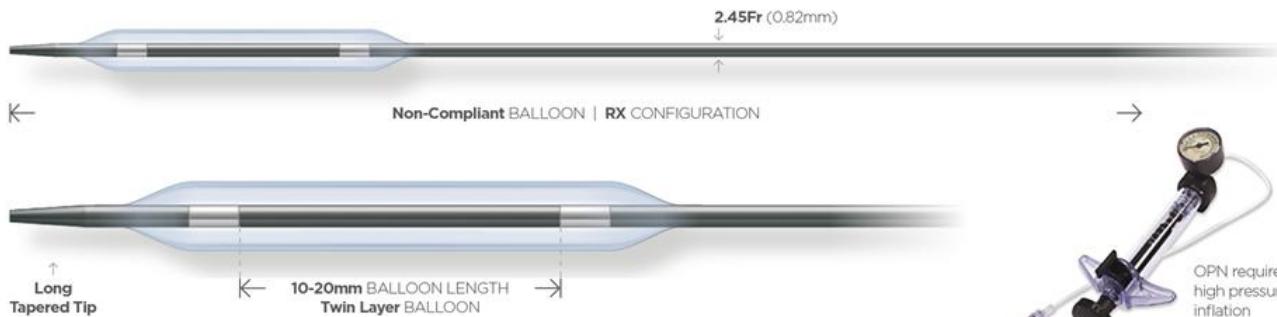
SPECIFICATIONS

SIS Medical OPN

RATED BURST PRESSURE
35 atm

GW COMPATIBLE
0.014"

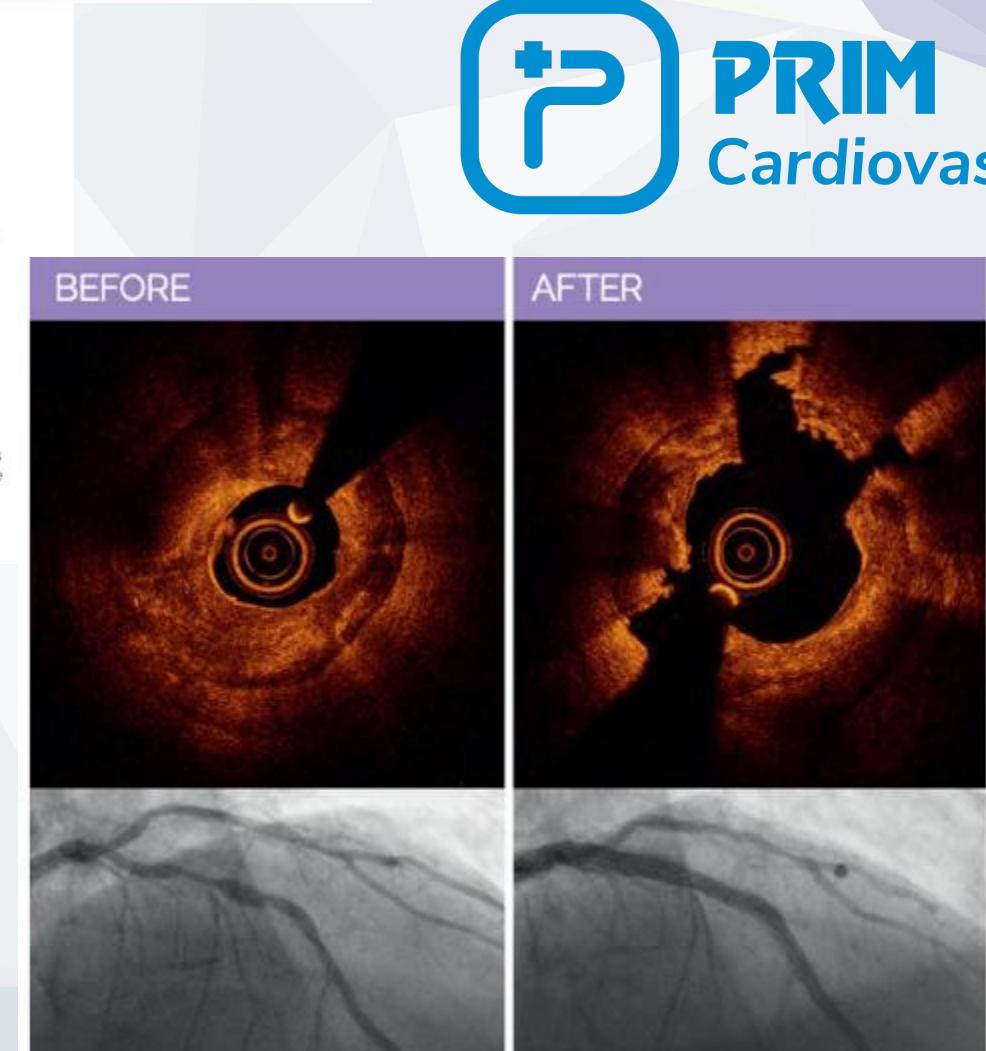
Ø RANGE
1.5-4.5mm



- ❖ Two Platinum markers for all sizes
- ❖ Lesión entry profile 0,016
- ❖ 1,5 – 4,5 mm diameters available
- ❖ 10 – 20 mm lengths available
- ❖ Highest rated burst pressure (RBP) of 35 atm.
- ❖ Unique twin-layer balloon technology with ultra-low compliance

SIS MEDICAL
 Swiss | Interventional | Systems

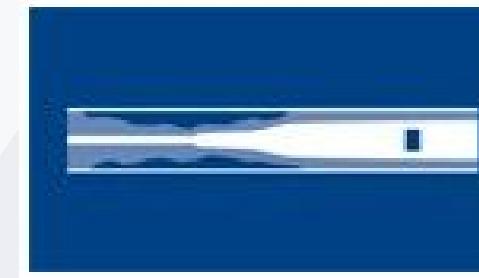
 **PRIM**
 Cardiovascular





Emerge™

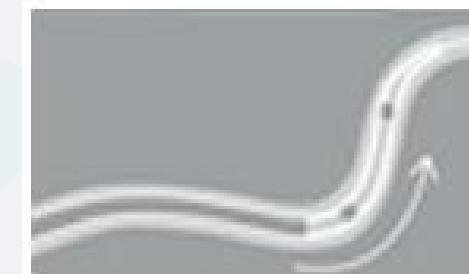
Tamaño pequeño de 1,2mm



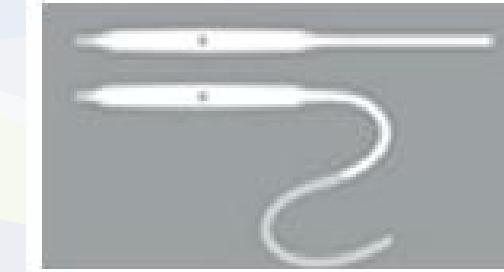
Perfil reducido del cuerpo para permitir el uso simultáneo



Nuevo recubrimiento hidrófilo



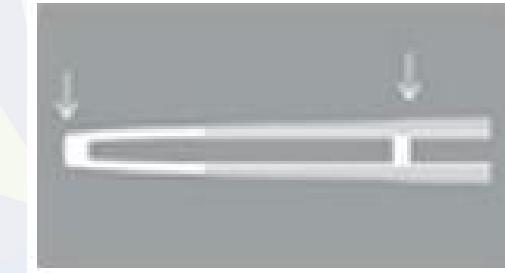
Diseños de eje doble
6 Y 7 NOVIEMBRE
HOTEL RIU PLAZA DE ESPAÑA



Opciones de cáteteres monorail y over-the-wire



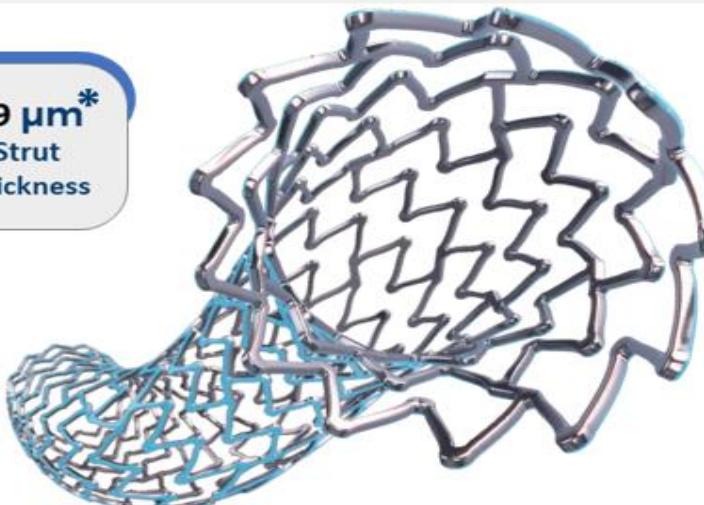
Diseño del balón y la punta



SYNERGY™ MEGATRON

 Everolimus-Eluting PtCr Stent
with Abluminal Bioabsorbable Polymer

89 μm^*
Strut
Thickness



*Strut Thickness: 89 μm

*Polymer Thickness: 4 μm

**Available stent
lengths (mm)**

8, 12, 16, 20,
24, 28, 32

**Available stent
diameters (mm)**

3.50, 4.00,
4.50, 5.00

**Purpose-built for large
proximal vessels**

- Purpose-built for large proximal vessels**
 - New stent architecture with same abluminal, bioabsorbable polymer as SYNERGY for early healing
 - Design specifically for large proximal vessels such as LM, Bifurcations, RCA, Ostial and Calcified Lesions**
- Engineered to maximize performance in large vessels:¹**
 - Designed to have best in-class radial and axial strength
 - Overexpansion capability from 3.5mm to 6.0mm
 - Uniform scaffolding at overexpansion
 - Increased radiopacity

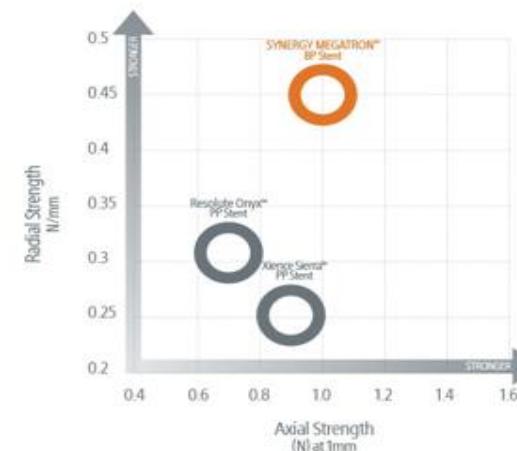


SYNERGY™ MEGATRON

BP Stent – Key Design features

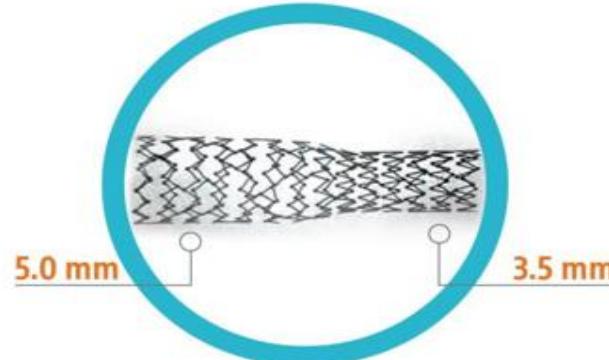
Best-in-Class
Axial &
Radial Strength¹

For Proximal,
Fibrotic and
Calcified Lesions



Uniform Lesion
Scaffolding

To Maximize
Lumen Gain



Purpose-built for large proximal vessels

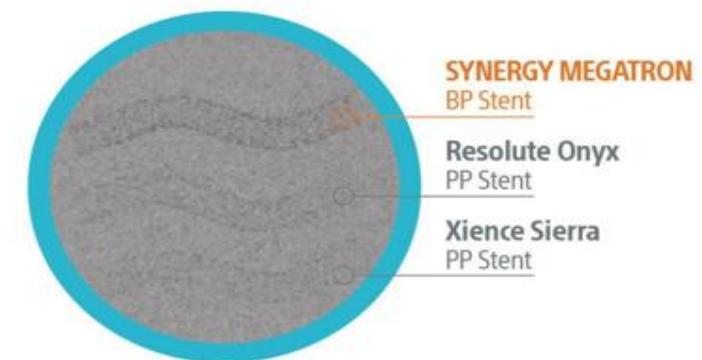
Unmatched
Overexpansion²

One model (3.5-5.0mm) with overexpansion to 6.0 mm.³



Maximum
Visibility⁴

For Better
Placement
Accuracy



**Boston
Scientific**

NC Emerge™

Post-dilatation PTCA Balloon



- **5F (1.67 mm) compatible**
- **0.017" / 0.43 mm lesion entry profile**
- **20 atm (2026.5 kPa) Rated Burst Pressure for 2.0 mm-4.0 mm diameter balloons; 18 atm (1823.85 kPa) RBP for 4.5 mm – 6.0 mm diameter balloons**TM
- **Bi-Segment inner shaft combines a flexible distal segment with a pushable proximal segment**
- **Improved Kissing Balloon* (allows 2 Monorail catheters in a 6F GC)**

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Scientific**
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