

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

- 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**

Introductor
convencional
6Fr

**Lumen
Equivalente**

Glidesheath
Slender®
6Fr

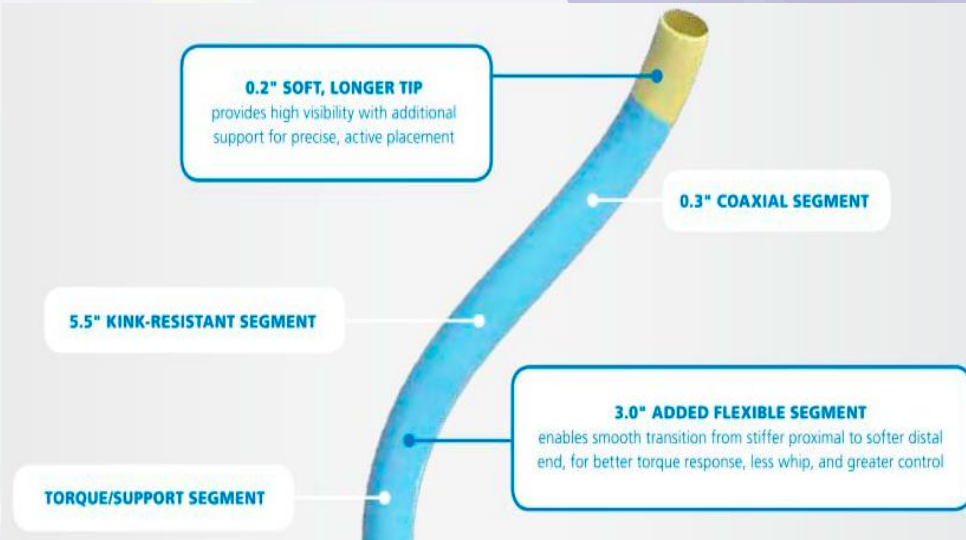
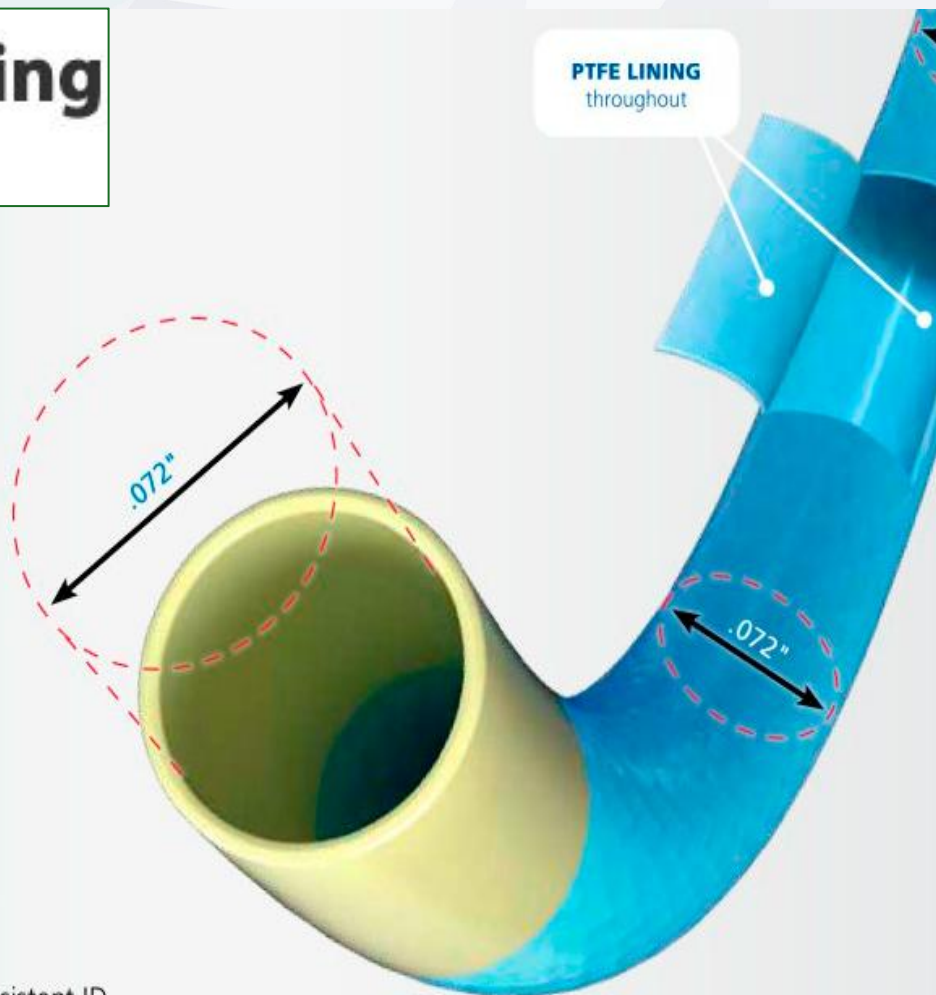
**Diámetro externo
Equivalente**

Introductor
convencional
5Fr

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



Cordis®

**ASAHI
SION**
PTCA GUIDE WIRE

**ASAHI
SION blue**
PTCA GUIDE WIRE

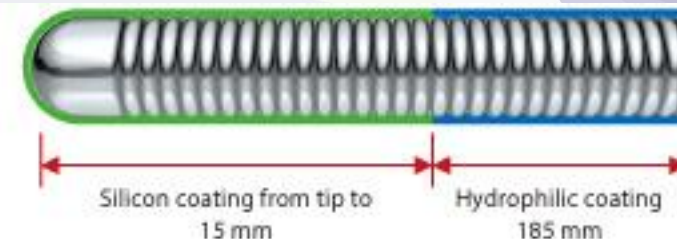
Durability • Control

► **Success**

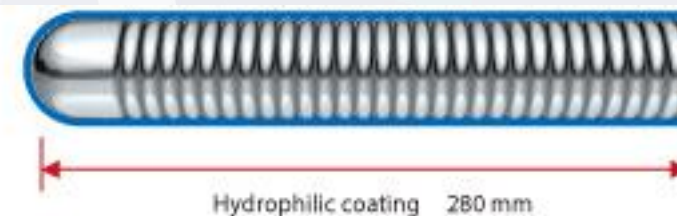


WorldMedica
BRINGING TOOLS FOR EXCELLENCE

ASAHI SION blue
For safety



ASAHI SION
For crossability



ASAHI SION blue

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

• 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 TM II

Guide Extension Catheter

Hypotube Transition
Optimized for reduced
device interaction

Green Ergonomic Hub
Unique and easily
identifiable

Radiopaque Helical Collar
Designed for improved
strength and visibility

Z-Glide TM Coating
For improved
deliverability

Expanded Size Matrix
6, 7 & 8F 25 cm;
6F 40cm



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



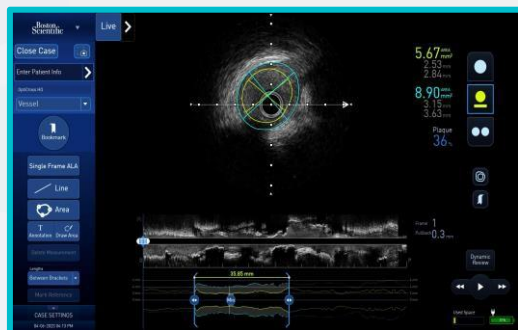
ACQUISITION PC
MDU Connection at
the back



AVVIGO™ Multi-Modality Guidance System



Key Features

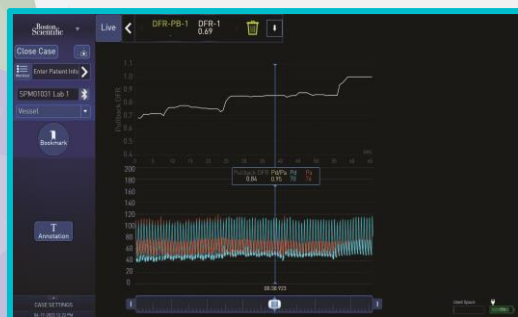
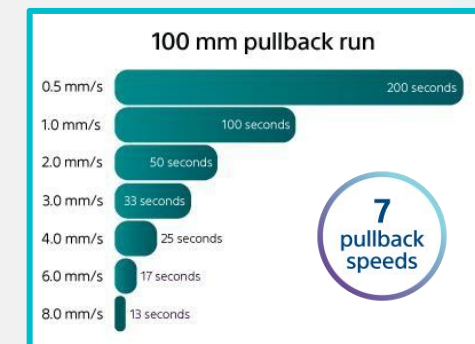


Automated Lesion Assessment (ALA™) Precise Vessel Measurements¹

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

Fast Pullback ^{ss} 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

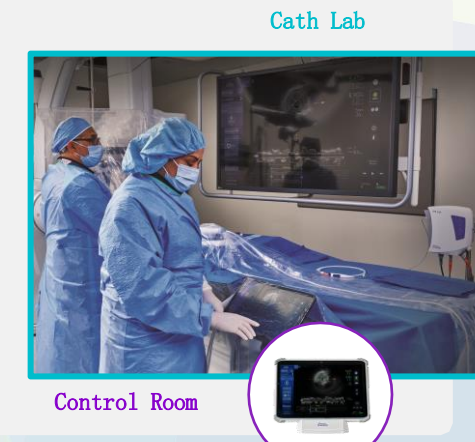


PhysioMap™ Enhanced DFR guidance*

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

Tableside Control ^s Complete control from the sterile field

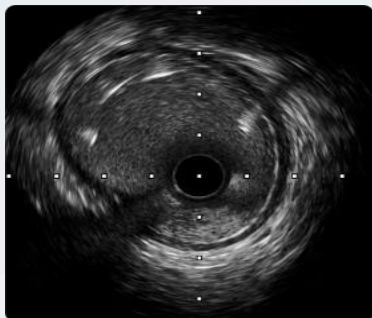
Operate IVUS and capture physiological measurements on your integrated system without leaving the sterile field



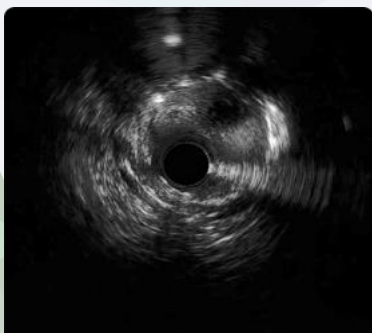
OPTICROSS HD™

60 MHz Coronary Imaging Catheter

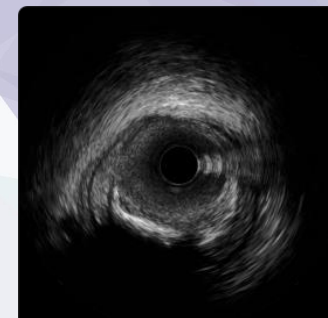
High definition images with depth to see
small to 6mm vessels



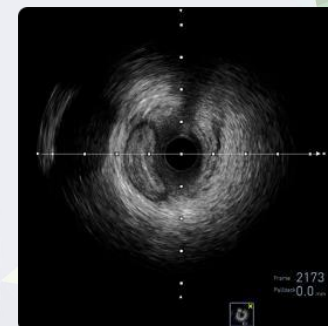
Malapposed Stent



Red Trombus



Dissection



False Lumen

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

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

**Boston
Scientific**
Advancing science for life™

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

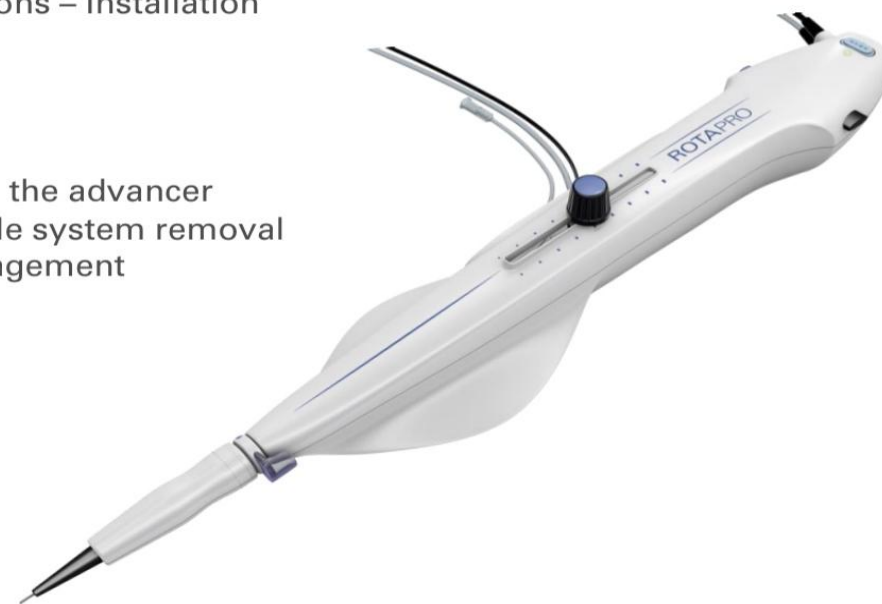


Console

- 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

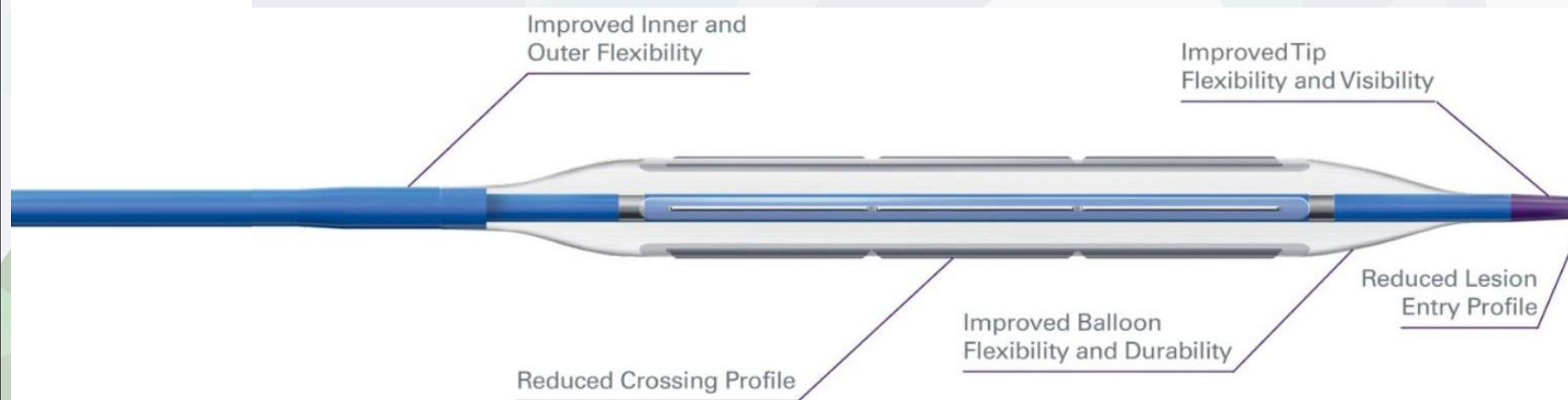
Manufacturer: Boston Scientific

WOLVERINETM Coronary Cutting Balloon

The WOLVERINETM Design Advantage

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

**Boston
Scientific**
Advancing science for lifeTM



NC EMERGETM
Balloon Platform

2.0 - 4.0 MM
BALLOON DIAMETERS

6, 10, 15 MM
WORKING LENGTH

PROPRIETARY
ATHEROTOMES

EQUIPPED WITH
Z-GLIDETM HYDROPHILIC
COATING

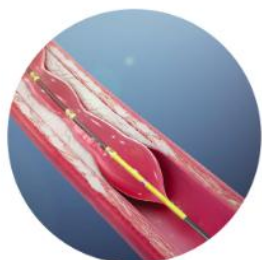
5F (2.0-3.25)
6F (3.5-4.00)
GC COMPATIBLE

SHOCKWAVE | C²⁺

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

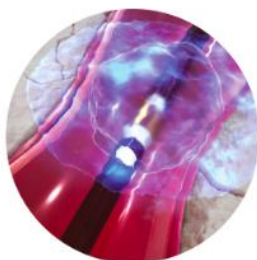
OPTIMIZE OUTCOMES – Optimize outcomes while reducing complications and cost escalation

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



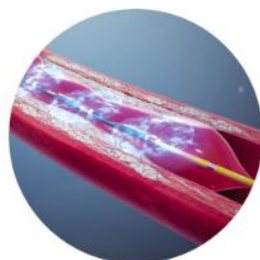
1

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



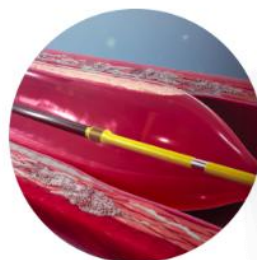
2

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

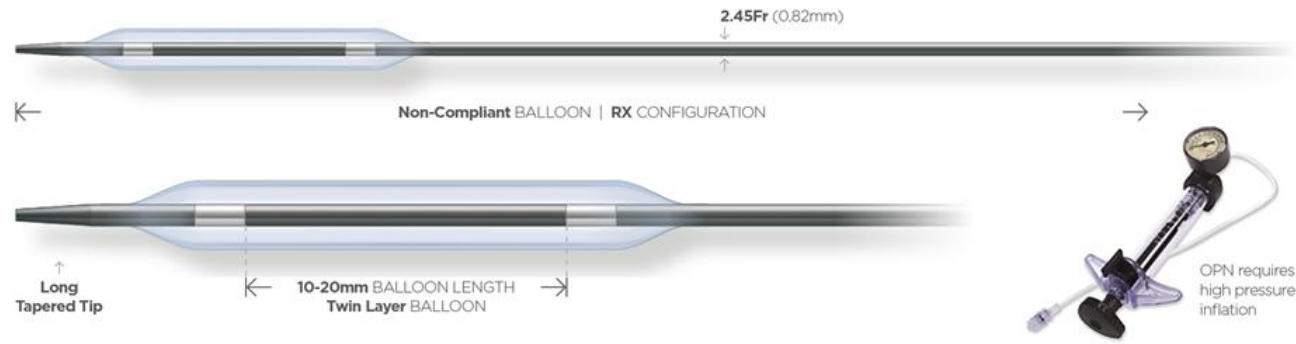
Highest rated burst pressure of 35 bar

SPECIFICATIONS
SIS Medical OPN

RATED BURST PRESSURE
35 atm

GW COMPATIBLE
0.014"

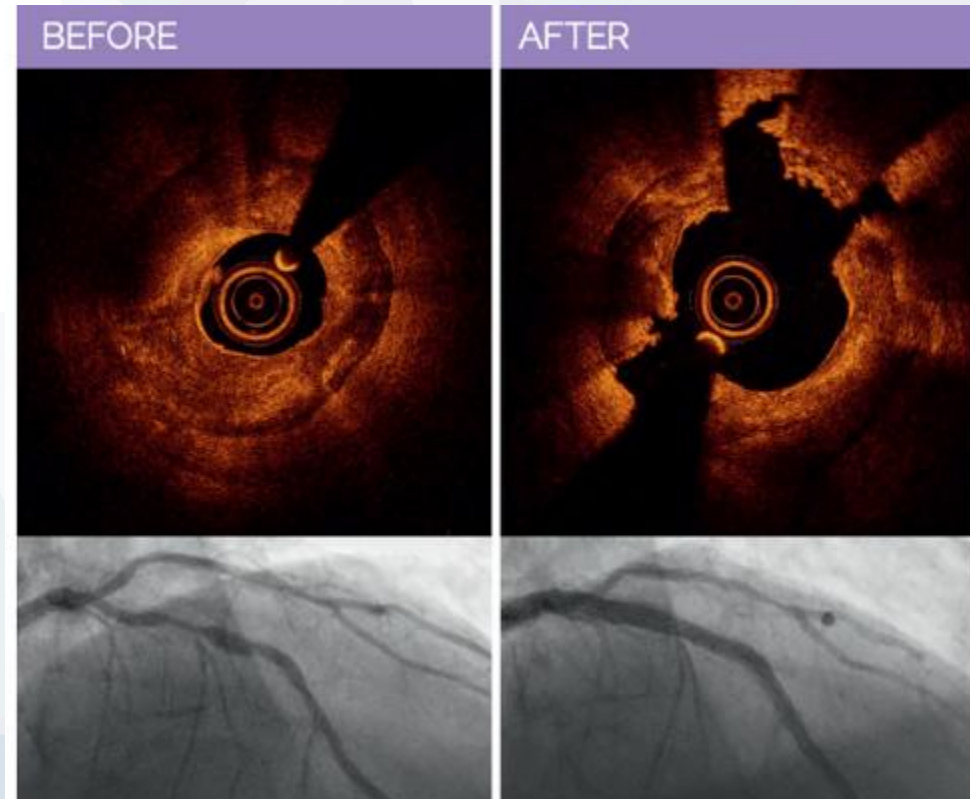
Ø RANGE
1.5-4.5mm



- ❖ 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



Tamaño pequeño de 1,2mm



Perfil reducido del cuerpo para permitir el uso simultáneo



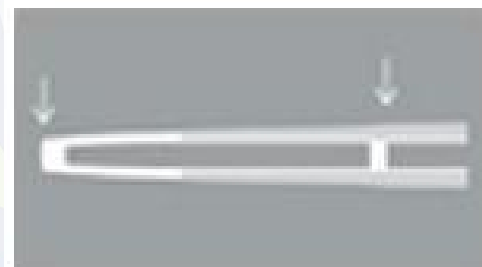
Nuevo recubrimiento hidrófilo



Opciones de catéteres monorail y over-the-wire



Diseño del balón y la punta



Emmerge™



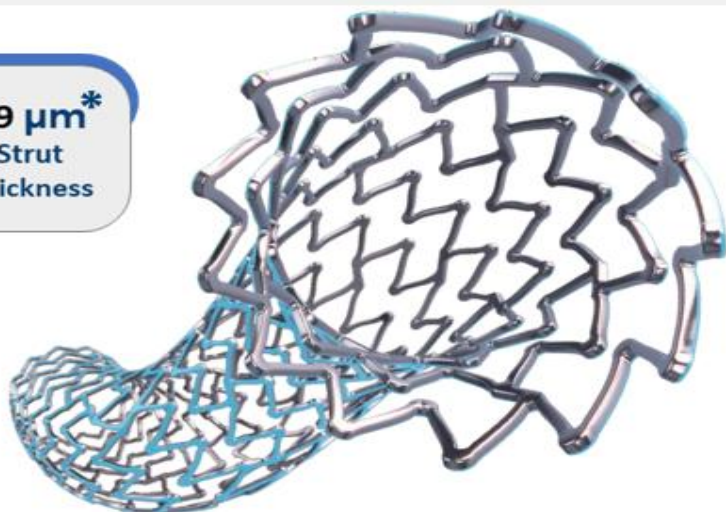
SYNERGY™ MEGATRON

Everolimus-Eluting PtCr Stent
with Abluminal Bioabsorbable Polymer

Purpose-built for large proximal vessels

Boston Scientific

89 µm*
Strut
Thickness



*Strut Thickness: 89 µm

*Polymer Thickness: 4 µm

- **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

Available stent lengths (mm)	8, 12, 16, 20, 24, 28, 32
-------------------------------------	----------------------------------

Available stent diameters (mm)	3.50, 4.00, 4.50, 5.00
---------------------------------------	-------------------------------



1. Boston Scientific bench test data on file.

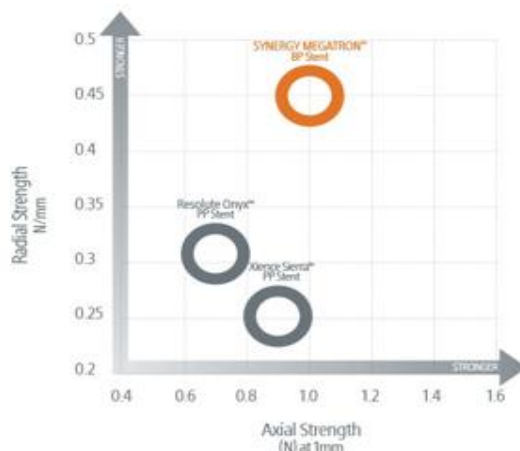


SYNERGY™ MEGATRON

BP Stent – Key Design features

**Best-in-Class
Axial &
Radial Strength¹**

**For Proximal,
Fibrotic and
Calcified Lesions**



**Purpose-built for large
proximal vessels**

**Boston
Scientific**

**Unmatched
Overexpansion²**

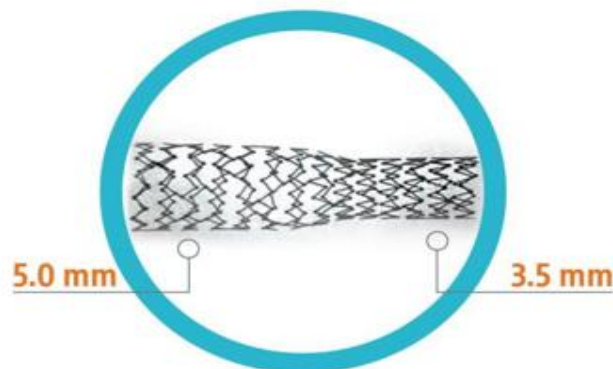
**To Accommodate Wide
Diameter Mismatch**

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



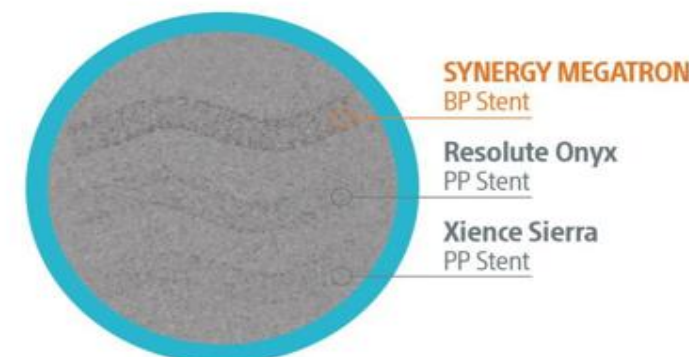
**Uniform Lesion
Scaffolding**

**To Maximize
Lumen Gain**



**Maximum
Visibility⁴**

**For Better
Placement
Accuracy**



NC Emerge TM

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)

**Boston
Scientific**
Advancing science for lifeTM

