



Biotrium[®]

Sirolimus Eluting Coronary Stent System

BIOTRIUM® - Sirolimus Eluting Coronary Stent System

Designed for Precision Coronary Intervention

BIOTRIUM® Sirolimus Eluting Coronary Stent System combines cobalt chromium stent platform with biodegradable polymer technology for controlled Sirolimus delivery and reliable vessel support. Engineered for excellent deliverability, flexibility, and procedural confidence, BIOTRIUM® is designed to support consistent clinical performance across a wide range of coronary lesions.

BIOTRIUM® ORDERING INFORMATION

Stent Diameter (mm)	Stent Length (mm)						
	8	12	16	20	24	28	32
2.00	BTM20008	BTM20012	BTM20016	BTM20020	BTM20024	BTM20028	BTM20032
2.25	BTM22508	BTM22512	BTM22516	BTM22520	BTM22524	BTM22528	BTM22532
2.50	BTM25008	BTM25012	BTM25016	BTM25020	BTM25024	BTM25028	BTM25032
2.75	BTM27508	BTM27512	BTM27516	BTM27520	BTM27524	BTM27528	BTM27532
3.00	BTM30008	BTM30012	BTM30016	BTM30020	BTM30024	BTM30028	BTM30032
3.50	BTM35008	BTM35012	BTM35016	BTM35020	BTM35024	BTM35028	BTM35032
4.00	BTM40008	BTM40012	BTM40016	BTM40020	BTM40024	BTM40028	BTM40032
4.50	BTM45008	BTM45012	BTM45016	BTM45020	BTM45024	BTM45028	BTM45032
Stent Diameter (mm)	36	40	44	48			
2.00	BTM20036	BTM20040	BTM20044	BTM20048			
2.25	BTM22536	BTM22540	BTM22544	BTM22548			
2.50	BTM25036	BTM25040	BTM25044	BTM25048			
2.75	BTM27536	BTM27540	BTM27544	BTM27548			
3.00	BTM30036	BTM30040	BTM30044	BTM30048			
3.50	BTM35036	BTM35040	BTM35044	BTM35048			
4.00	BTM40036	BTM40040	BTM40044	BTM40048			
4.50	BTM45036	BTM45040	BTM45044	BTM45048			

Key Features

- » Ultra-thin CoCr platform ensures exceptional flexibility and high radial strength.
- » Biodegradable polymer technology provides controlled Sirolimus elution and rapid vascular healing.
- » Clinically proven drug formulation prevents restenosis to ensure long-term vessel patency.
- » Low-profile delivery system features a soft tapered tip for superior lesion crossability.
- » Hydrophilic-coated shaft enables smooth, low-friction navigation through tortuous anatomy.
- » Nylon balloon and dual radiopaque markers guarantee uniform expansion and precise placement.

Product Specifications

Feature	Description
Stent Material	Cobalt Chromium Alloy (L605)
Drug	Sirolimus (Rapamycin)
Polymer	Dual Polymer PLGA Coating System
Strut Thickness	65 µm (0.065 mm / 0.0026")
Stent Diameter (mm)	2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50
Stent Length (mm)	8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48
Delivery System	Rapid Exchange (Rx)
Balloon Type	Semi-Compliant
Entry profile	0.016"/0.41 mm
Usable Catheter Length	140 cm
Proximal Shaft Diameter	1.98F
Distal shaft Diameter	2.7F
Balloon Marker material	Platinum-Iridium
Nominal Pressure	7 atm
Rated Burst Pressure	16 atm for diameter 2.00mm to 3.00mm 14 atm diameter 3.50mm to 4.50mm
Min.Guide Catheter I.D.	5F (Min. I.D. 0.056" / 1.42 mm)
Max. Guidewire O.D	0.014" (0.36mm)

Biodegradable
Polymer Matrix

B

Impeccable Navigational
Precision

I

Optimized Vessel
Conformability

O

Trackability & Crossability
Excellence

T

Reliable Deployment
Performance

R

Interventional
Excellence

I

Unifying Innovation
& Care

U

Maximized Patient
Benefit

M



MedivationBio

Achieving Possibilities

Medivation Bio is an emerging medical device company committed to delivering safe, reliable and high-quality consumables for critical care and routine medical use. Our product portfolio includes IV Cannulas, Hypodermic Syringes, Blood Collection Tubes, Chest Drainage Catheters, High-Pressure Tubings and Cardiovascular Devices.

We follow strict quality protocols and design products on:

Patient safety

Reliable engineering standards

Ease of use

Clinical performance

"Achieving Possibilities"

is our commitment to creating devices that support clinicians and improve patient care.

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