Vascular Intervention // Peripheral

## Astron

## Self-Expanding Stent/0.035"/OTW Indicated for atherosclerotic disease of iliac arteries



- Pull-back delivery system for simple stent deployment
- 5.2F proximal shaft for contrast injection with device in sheath
- Segmented stent design and thick struts for sufficient chronic outward force
- S-articulating connecting bars and peak-to-valley design for multi-directional flexibility





## Astron Strength with flexibility

# Stent designed to achieve radial force and flexibility in iliac arteries

A stent designed for iliac artery lesions which are often calcified and occluded. Both stent and markers are completely coated with **proBIO**. Unique "S-articulations" to allow stent conformability. The particular design respects the vessel movement without compromising the needed strength.

#### Easy release

Relieves friction of introducer valve on the retractable shaft during stent deployment for a smoother action.

#### Segmented stent design for iliac artery

- Peak-to-valley design and S-articulating connecting bars provide multi-directional flexibility and avoid fish-scaling in tortuous arteries.
- Segmented design and strut thickness designed to provide sufficient chronic outward force.

VS.



Competitive Peak-to-Peak



Peak-to-Valley S-articulating

Peak-to-Peak

#### Enhanced visibility

Four gold markers at each end of the stent enhance visibility.

#### 6F Introducer compatibility

- **6F distal shaft** with **5.2F proximal shaft** for contrast injection with device positioned inside introducer and across lesion.

Pull-back delivery system

Enables simple stent deployement.

Ex re **Ni** 

Stent magnification



#### Improved stent surface biocompatibility<sup>1</sup>

Excellent results with **proBIO** coated stents. Effective and reliable barrier to Nickel and other metal ions diffusion.



#### Nickel release

<sup>1</sup> Nickel release test results; BIOTRONIK Data on file

## **Astron** Self-Expanding Nitinol Stent/0.035"/OTW

#### Technical Data

Stent	
Catheter type	OTW
Recommended guide wire	0.035"
Stent material	Nitinol
Strut thickness	225 μm (ø 10 mm = 230 μm)
Stent coating	proBIO (Amorphous Silicone Carbide)
Stent markers	4 gold markers each end
Sizes	ø 7 - 10 mm; L: 30 - 80 mm
Proximal shaft	5.2F, hydrophobic coating
Usable length	70 and 120 cm

Ordering Information	Stent ø (mm)	<b>Catheter length 70 cm</b> Stent length (mm)				
		30	40	60	80	
	7.0	343773	343774	343775	343776	
A	8.0	343777	343778	343779	343780	
	9.0	343781	343782	343783	343784	
	10.0	-	349214	349215	349216	

	Stent ø (mm)	<b>Catheter length 120 cm</b> Stent length (mm)						
		30	40	60	80			
	7.0	343785	343786	343787	343788			
6F	8.0	343789	343790	343791	343792			
	9.0	343793	343794	343795	343796			

Astron is part of the BIOTRONIK **6F** Solutions portfolio, including:

Introducer Sheath: Fortress = Balloons: Passeo-35, Passeo-35 HP = Stents: Dynamic, Pulsar-35

For ordering please contact your local sales representative

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