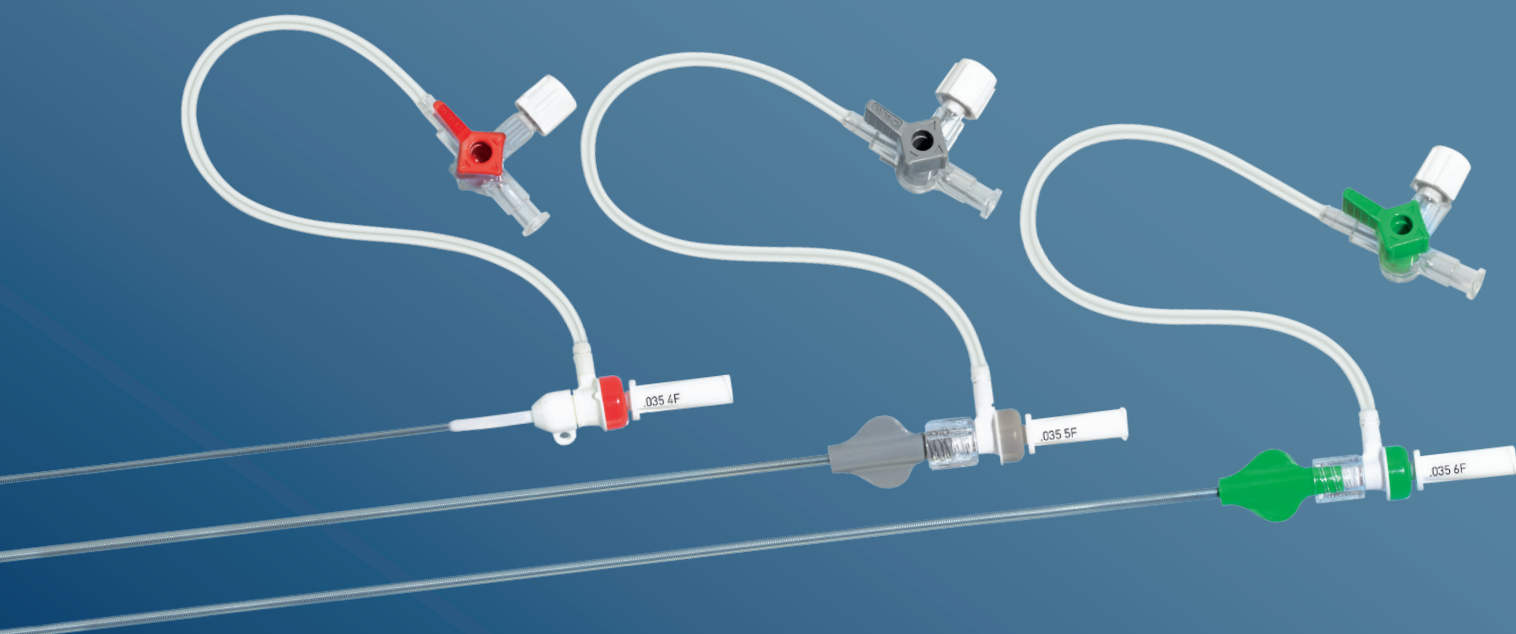
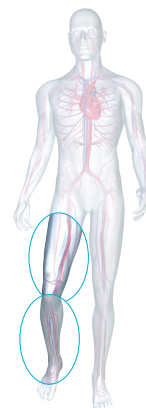


Fortress

Reinforced Introducer Sheath System / 4F, 5F, 6F
Providing access to lower limb arteries



- Coil reinforced sheath designed for kink and deformation resistance
- Sheath marker to provide tip radiopacity
- Hydrophobic coated sheath¹
- Smooth tapered sheath and dilator tip

¹ 5F and 6F sheath

Fortress

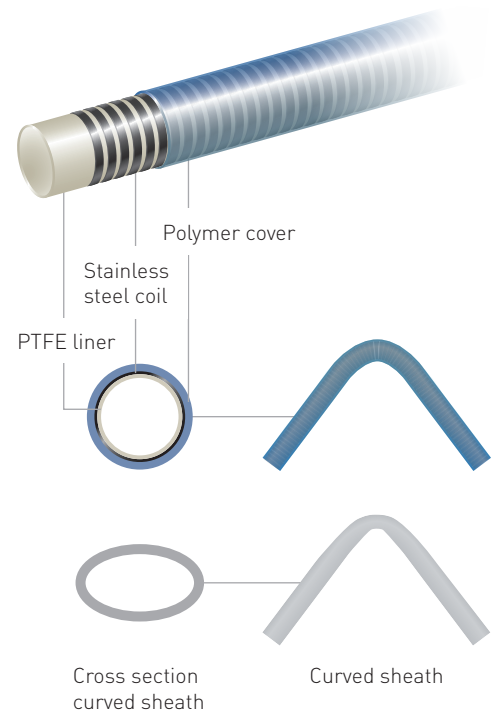
Tailored access solutions

A 4F sheath allows for minimally invasive treatment of patients with complex lower limb disease. BIOTRONIK was the first to offer a portfolio for lower limb treatment through a 4F reinforced introducer sheath, combined with 4F and 0.018" guide wire compatible balloon catheters and self-expanding stent systems² up to 200 mm in length.

4F Solutions: Minimal is optimal

Coil reinforced sheath

The polymer embedded stainless steel coil shaft provides flexibility and resistance to kinking and deformation. The non-ovaling design combined with the PTFE liner are intended to reduce friction on devices passing through tight anatomical curves.



Fortress coil reinforced sheath does not oval when curved – **non-ovaling** – maintaining lumen diameter.

Standard competitive non-reinforced sheath **ovals** when curved, reducing lumen diameter.

4F & 6F Solutions:

The complete solution

The availability of 4F, 5F and 6F reinforced introducer sheaths allow a tailored access approach. The BIOTRONIK 6F Solutions portfolio enables treatment through our 6F reinforced introducer sheath while utilizing our trusted 6F compatible balloon catheters and self-expanding stent systems², both up to 200 mm in length.

6F Solutions: BIOTRONIK quality also in 6F

“Very easy to insert sheath!”
(Dr. F. Airoidi, Milan, Italy, during product evaluations)

Hydrophobic coated sheath¹

Easy insertion performance³ attributed to the hydrophobic sheath coating in combination with the smooth tapered sheath and dilator tip.

Valve

Pre-mounted removable hemostatic valve on the 5F and 6F introducer sheaths.

Smooth tapered tip

The sheath and dilator have a smooth tapered tip and an atraumatic tip design for ease of insertion.

Angiographic visibility

The platinum alloy marker band provides tip radiopacity under fluoroscopic imaging.

² CAUTION - Investigational device. Limited by US law to investigational use
³ BIOTRONIK Data on file

Fortress

Reinforced Introducer Sheath System / 4F, 5F, 6F

Technical Data	Introducer Sheath	
	French size	4F, 5F and 6F
	Length	45 and 100 cm
	Sheath material	Stainless steel coil reinforced polymer, PTFE liner
	Sheath tip	Smooth taper with radiopaque marker band
	Sheath shape	Pre-curved 45 cm Straight 45 and 100 cm
	Sheath coating	Hydrophobic, distal 30 cm (5F and 6F only)
	Dilator	
	Recommended guide wire	0.035"
	Tip	Smooth taper with radiopaque filler material
	Shape	Pre-curved and straight
	Hub	4F: fixed hemostatic valve 5F, 6F: removable hemostatic valve Side-arm with color coded 3-way stop cock

Ordering Information	Sheath length (cm)	Sheath shape	Introducer description	Catalogue number	Dilator(s) included	Units of issue
4F	45	Curved	Crossover	358813	Curved/Straight	5
	45	Straight	Straight-45	358814	Curved/Straight	5
	100	Straight	Straight-100	358815	Curved/Straight	5
5F	45	Curved	Crossover	386590	Straight	5
	45	Straight	Straight-45	386591	Straight	5
	100	Straight	Straight-100	386592	Curved/Straight	5
6F	45	Curved	Crossover	386593	Straight	5
	45	Straight	Straight-45	386594	Straight	5
	100	Straight	Straight-100	386595	Curved/Straight	5

Fortress is part of the BIOTRONIK **4F** and **6F** Solutions portfolio, including:

4F ■ Balloons: **Passeo-14, Passeo-18**

6F ■ Balloons: **Passeo-35, Passeo-35 HP** ■ Stents: **Astron**

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