Vascular Intervention // Peripheral

# Passeo-14

PTA Balloon/0.014"/OTW Indicated for balloon dilatation of the stenotic portion of a lower limb artery for the purpose of improving perfusion



- Up to 73 % faster deflation times<sup>1</sup>
- Offering dedicated pedal sizes
- Patchwork coating designed to facilitate crossing
- High pushability and flexibility





## Passeo-14 PTA Balloon/0.014"/OTW

Up to 73 % faster deflation times<sup>1</sup> due to the catheter shaft design featuring a large balloon inflation lumen to facilitate rapid inflation and deflation.

## "Impressive deflation time!"

(Dr. M. A. De Gregorio Ariza, Saragossa, Spain, during initial product testing)

## Fast deflation times

- Passeo-14<sup>2</sup> deflates:
- 73 % faster than Amphirion Deep
- 36 % faster than Coyote
- 24 % faster than NanoCross

Deflation time [%] <sup>1</sup>									
Passeo-14 <sup>2</sup>		27 %				73 % faster			
Armada 14		29 %							
NanoCross			51 %						
Coyote			6	3 %					
Amphirion Deep					1	00 %			
	0	20	40	60	80	100			

Providing dedicated pedal design:

- ø 1.5 2.0 mm
- 150 mm flexible distal shaft
- tailored stiffening wire



Pre-treatment







Dilatation plantar arch

Post-treatment

### Courtesy of Dr. L. Steffanon, Vicenza, Italy

all with 150 cm usable catheter lengths. Data on file at BIOTRONIK. Bench test results not necessarily indicative of clinical performance. balloon was adjusted by 15 % to make a direct competitive comparison.

## Designed to treat complex lower limb lesions

## Patchwork coating designed to facilitate crossing

The tri-fold balloon is hydrophilically coated in a folded state, exposing uncoated balloon sections when inflated. This is intended to facilitate crossing while minimizing slippage during inflation. Coaxial catheter shaft Balloon High pushability and flexibility<sup>3</sup> Pushability is made possible by the novel catheter shaft design, which features a unique stiffening wire in the proximal shaft of the catheter. This is combined with a low profile distal shaft designed for flexibility in small, tortuous vessels.



## Rapid deflation time

A large balloon inflation/ deflation lumen is possible because of its coaxial catheter shaft design. The large lumen enables contrast media solution to flow more guickly to and from the balloon.



## **Passeo-14** – PTA Balloon/0.014"/OTW

**Technical Data** 

Balloon catheter	
Catheter type	OTW
Recommended guide wire	0.014"
Tip	Optimized entry profile and colored
Balloon material	SCP (Semi-Crystalline Polymer), controlled compliance (4 - 6 %)
Balloon folding	3-fold
Balloon coating	Hydrophilic patchwork coating
Balloon markers	2 swaged markers (zero profile)
Sizes	ø 1.5 - 4.0 mm; L: 20 - 220 mm
Distal shaft	3.1F, hydrophilic coating, coaxial design; 150 mm length (ø 1.5/2.0 x 20 - 100 mm); 75 mm length (ø 2.0 x 140 - 220 mm and ø 2.5 - 4.0 mm)
Proximal shaft	3.9F, hydrophobic coating, coaxial design; stiffening wire
Usable length	150 cm (ø 1.5 - 4.0 mm); 120 cm (ø 1.5 - 2.0 mm); 90 cm (ø 2.5 - 4.0 mm)

Compliance Chart		Balloon diameter x length (mm)							
		ø 1.5 x 20-70	ø 2.0 x 40-220	ø 2.5 x 40-220	ø 3.0 x 40-220	ø 3.5 x 40-140	ø 4.0 x 40-140		
Nominal Pressure	atm*	7	7	7	7	7	7		
(NP)	ø (mm)	1.5	2.0	2.5	3.0	3.5	4.0		
Rated Burst Pressure	atm*	14	14	14	14	14	14		
(RBP)	ø (mm)	1.57	2.08	2.61	3.18	3.63	4.16		

\* 1 atm = 1.013 bar

Catheter   Ordering Information Length (cm)			<b>Balloon</b> ø (mm)	Balloon Length (mm)						
				20	40	70	100	140	180	220
	ch	120	1.5	3802714	3802774	380283	-	-	-	-
Droa		120	2.0	-	380278	380284	380290	380296	3803024	3803084
•	app	90	2.5	-	380279	380285	380291	380297	3803034	380309
45	ade	90	3.0	-	380280	3802864	380292	3802984	3803044	3803104
	tegr	90	3.5	-	3802814	3802874	3802934	3802994	-	-
	An	90	4.0	-	3802824	3802884	3802944	3803004	-	-

		Catheter Length (cm)	Balloon ø (mm)	<b>Balloon</b> Length (mm	)					
				20	40	70	100	140	180	220
47	сh	150	1.5	380313	380319	380325	-	-	-	-
	roa	150	2.0	-	380320	380326	380332	380338	380344	380350
	app	150	2.5	-	380321	380327	380333	380339	3803454	380351
	ver	150	3.0	-	380322	380328	380334	380340	380346	380352
	0550	150	3.5	-	3803234	3803294	3803354	3803414	-	-
	C C	150	4.0	-	380324	3803304	380336	3803424	-	-

Size available upon special reques

Passeo-14 is part of the BIOTRONIK **4F** Solutions portfolio, including:

### Introducer Sheath: Fortress = Balloons: Passeo-18

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MCV00039789 REVA

