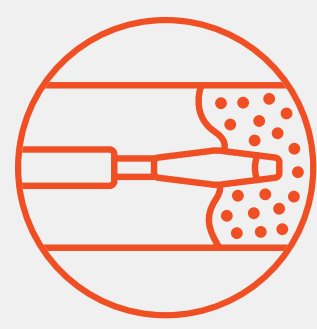
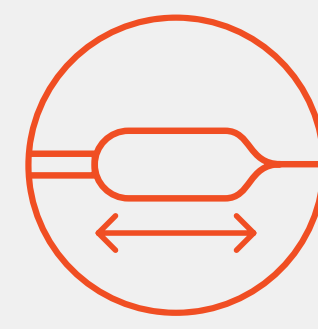


One solution.  
Multiple functions.  
No compromise



User-adjustable  
guide wire support  
for accessing and  
crossing lesions



Lesion-specific  
angioplasty with  
length-adjustable  
balloon



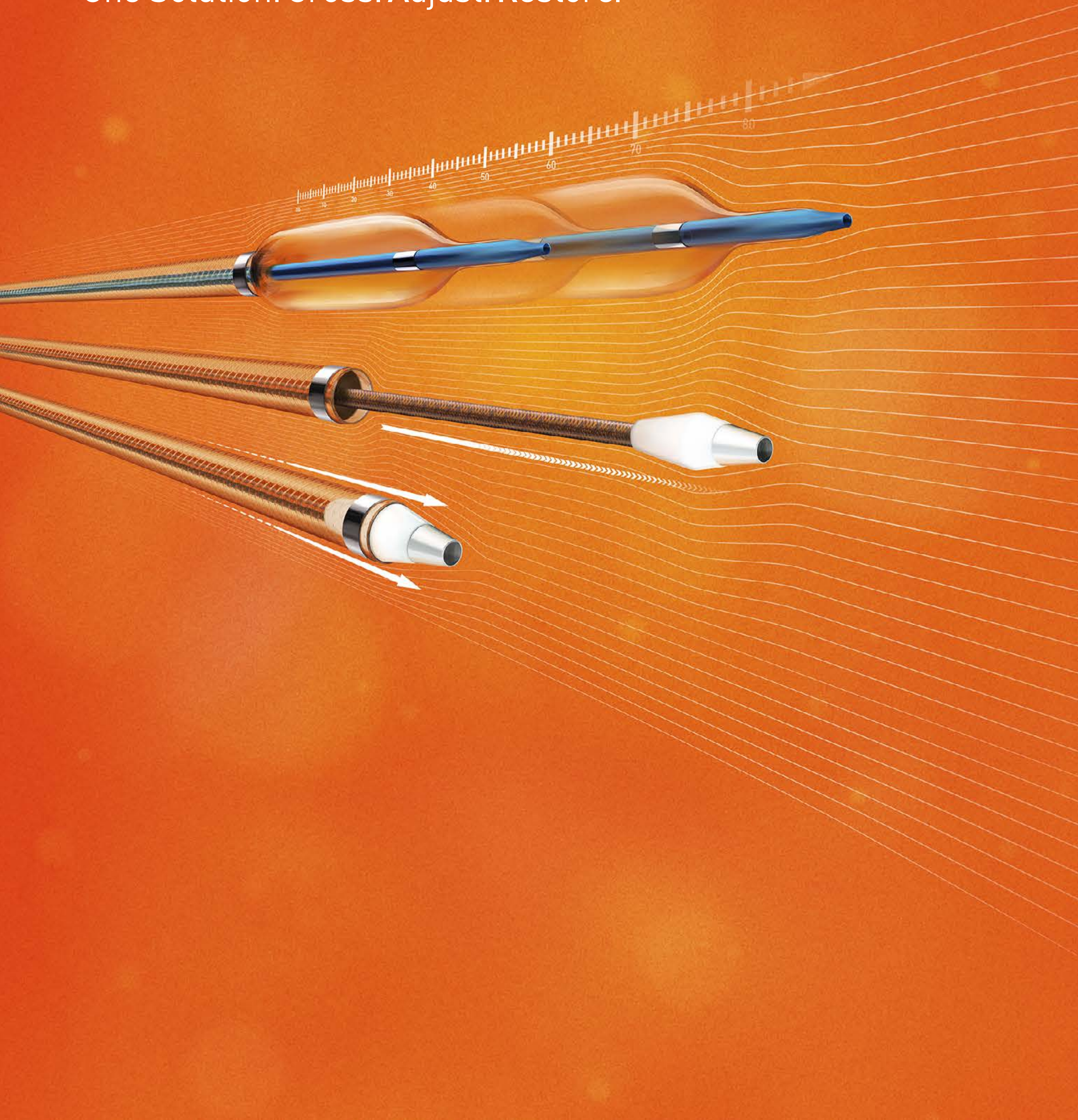
Technical data /  
ordering info

Vascular Intervention // Peripheral  
Peripheral Multifunctional Catheter/  
0.014"/0.018"/OTW

**BIOTRONIK**  
excellence for life

# Oscar<sup>®</sup>

One Solution: Cross. Adjust. Restore.





# Oscar

The all-in-one solution to reach, cross and prepare lesions.<sup>1</sup>

## One Solution: Multiple functions

Simplify your approach to a complex problem.

Achieve versatility without compromise. Flexibility, pushability, long or short balloons – use a single system with fully adjustable components to cross and dilate lesions<sup>1</sup> exactly how you want to.

“Oscar is the perfect tool to address all of the challenges in accessing, passing and restoring flow for complex atherosclerotic disease.”

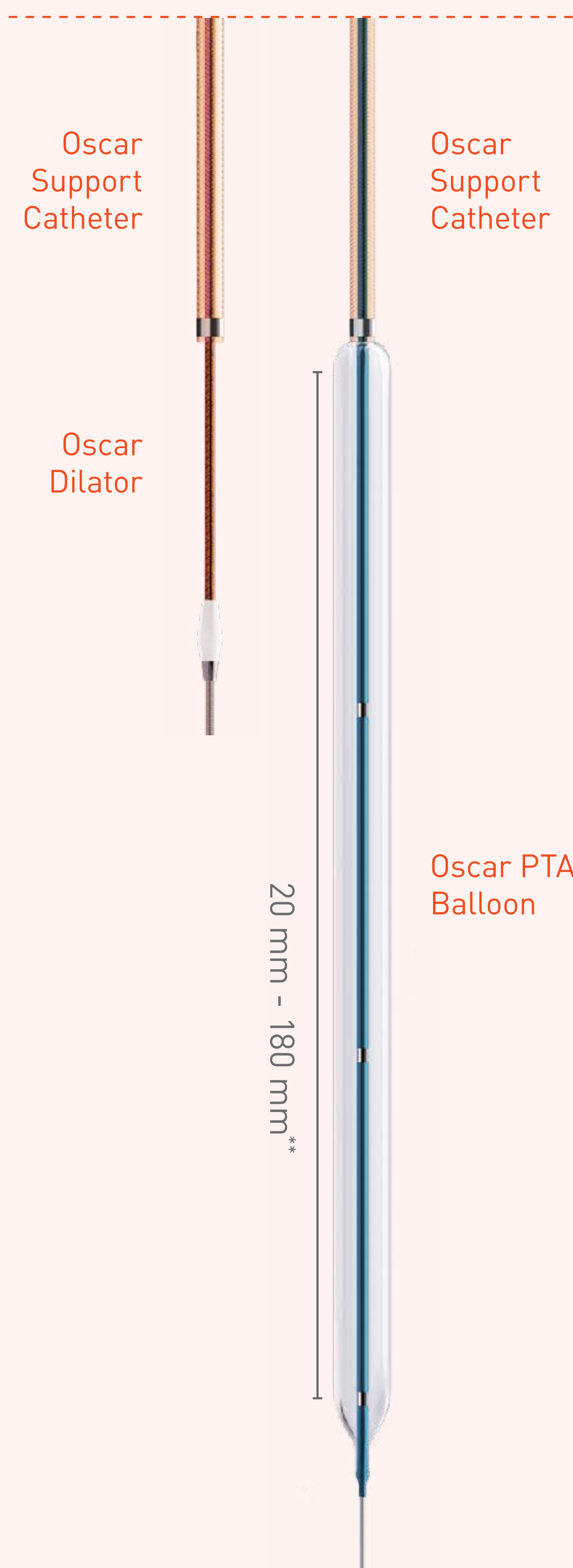
Dr. Koen Deloose, az Sint-Blasius Hospital  
Dendermonde, Belgium



## What are the components of the Oscar Peripheral Multifunctional Catheter?



Specially designed Lock Grip Seals and secures for accurate positioning of Oscar Dilator, Oscar PTA Balloon or guide wire. Additionally, enables local contrast media injection with Oscar Dilator and guide wire in place.



### 1. Oscar Support Catheter and extendable Oscar Dilator

Unique adjustable support for pushability and flexibility

### 2. Oscar Support Catheter and length-adjustable Oscar PTA Balloon

Dilate lesions accurately with just one, length-adjustable, balloon\*

\*Single Oscar PTA Balloons also available separately. Only to be used with the matching Oscar Support Catheter.

\*\*Balloon  $\varnothing$  2.0 - 6.0 mm: length-adjustable 20 - 180 mm; balloon  $\varnothing$  7 mm: length-adjustable 20 - 100 mm



# One Solution: **Cross.** Adjust. Restore.

User-adjustable guide wire support so you can obtain the pushability and flexibility you need

The Oscar Support Catheter allows variable guide wire support for accessing and crossing lesions to reduce the need for guide wire escalation or multiple support catheters.

## Oscar Support Catheter and Oscar Dilator

### Dilator extension

**Position 0:**  
Strongest support level

**Position contrast:**  
Slightly extended dilator tip allows local contrast injection

**Position Max Flex:**  
Most flexible support level with fully extended dilator<sup>o</sup>

**Support catheter**  
Thin-wall, braid-reinforced support catheter designed for high deformation resistance<sup>2</sup>

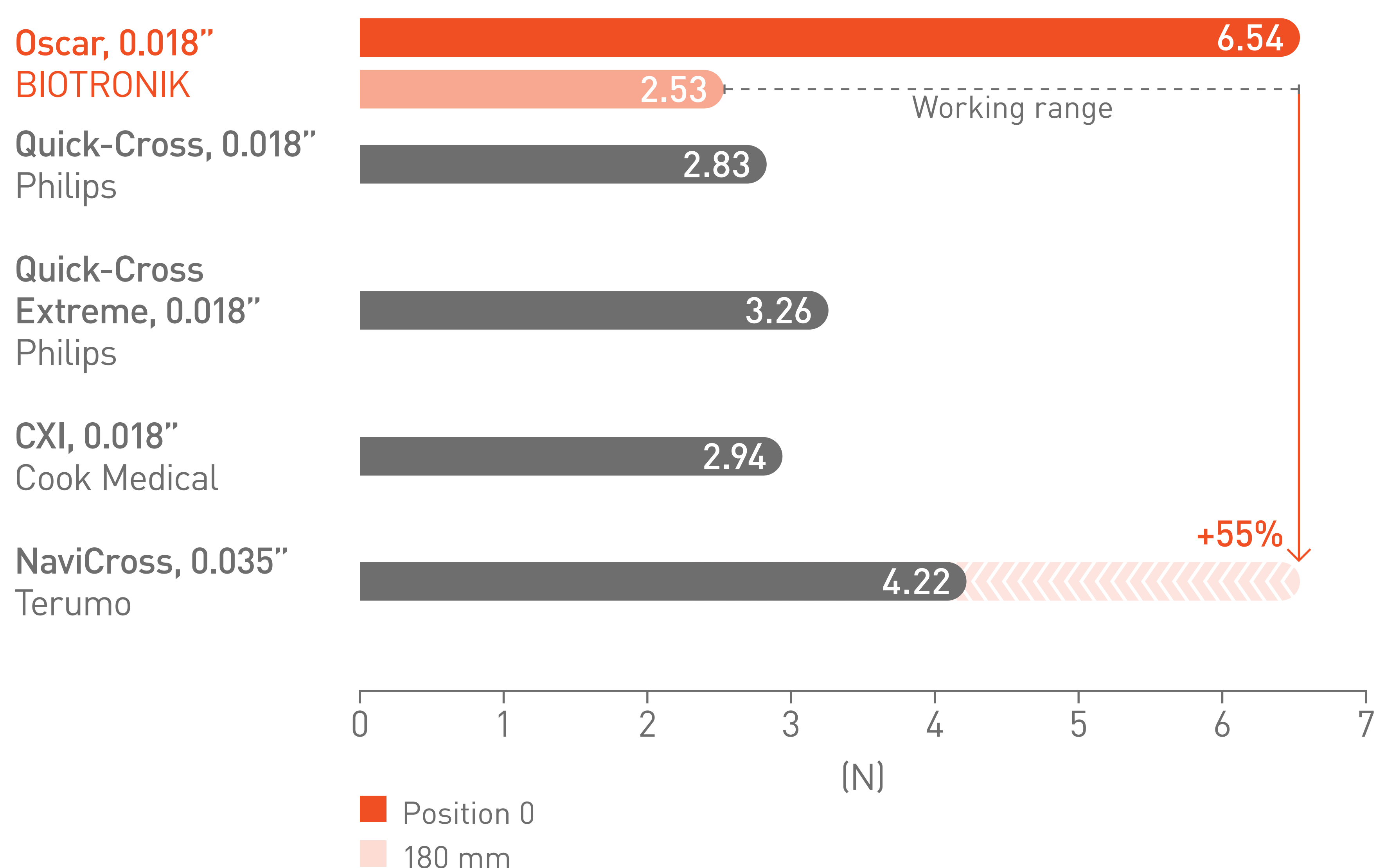
**Dilator**  
Variable braid pitch designed to improve trackability and pushability<sup>2</sup>

**Stainless steel tip**  
Durable metal-tipped dilator designed to aid lesion entry and visualization. Olive tip shape designed for contrast media dispersion<sup>2</sup>

<sup>o</sup>Dilator extends from 0 - 191 mm.

## Achieve the pushability of a 0.035" system on a 0.018" platform<sup>2</sup>

### Oscar Variable Pushability



Testing performed with Oscar 0.018/6F Support Catheter + Dilator combination



## One Solution: Cross. **Adjust.** Restore.

### Customize your angioplasty to accurately match the balloon length to lesion length

The unique solution allows in-vessel adjustments of the balloon length from 20 to 180 mm, designed to dilate various lesion lengths or focal residual stenosis with the same balloon.

### Oscar Support Catheter and Oscar PTA Balloon

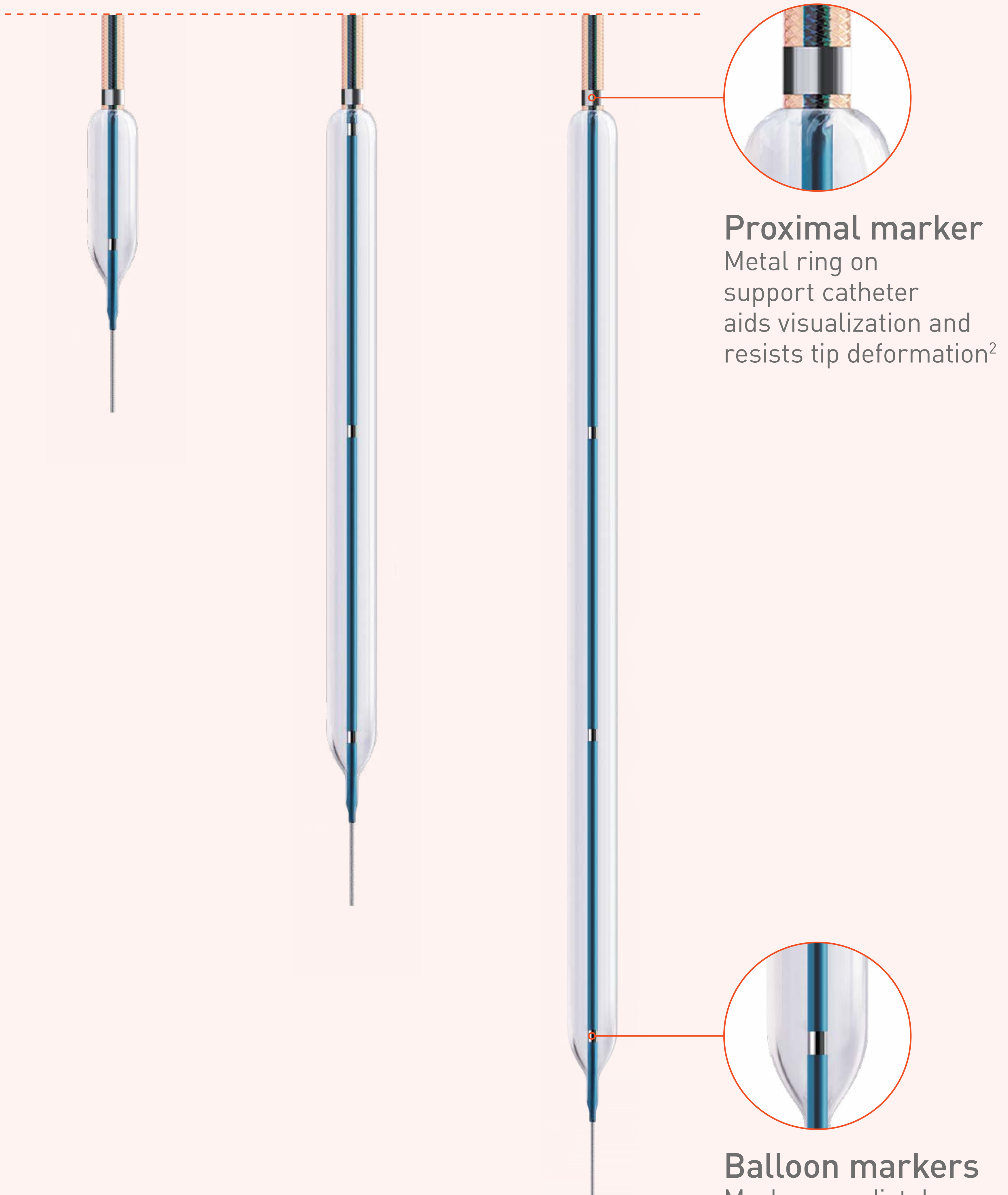
#### Adjustable balloon length

Accurately match lesion length from 20 - 180mm

20 mm

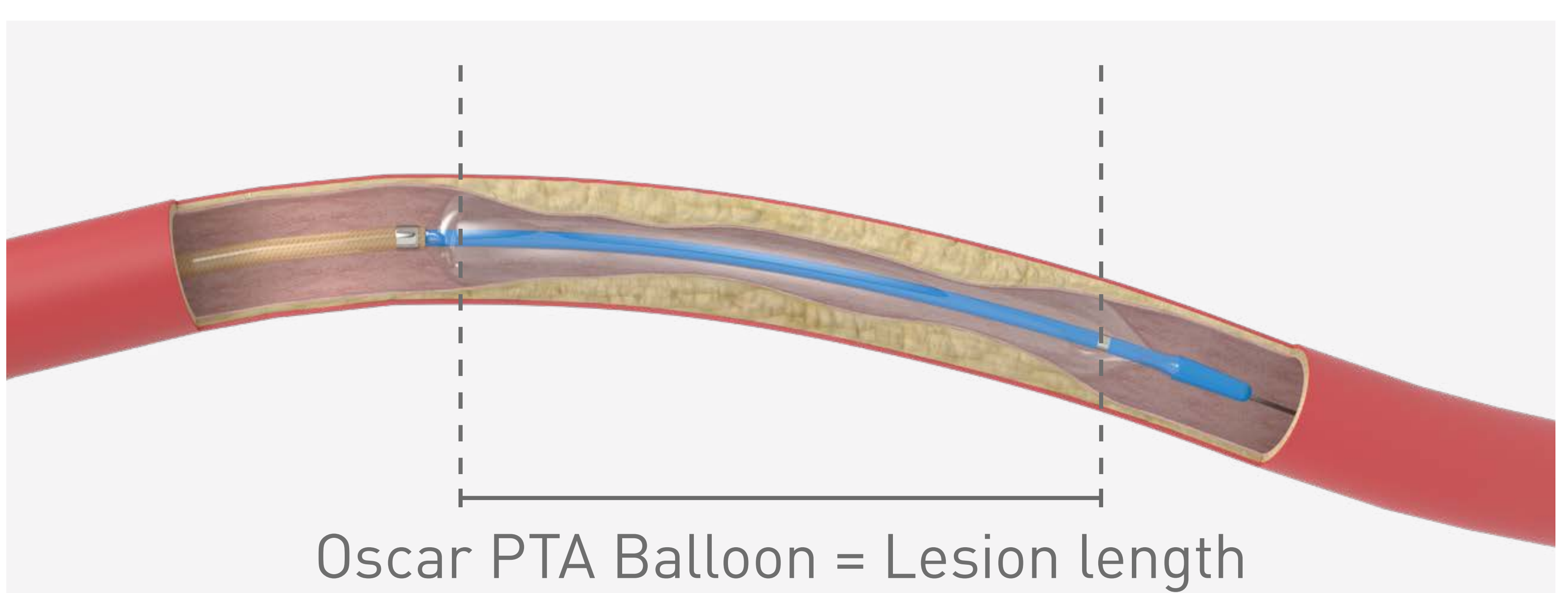
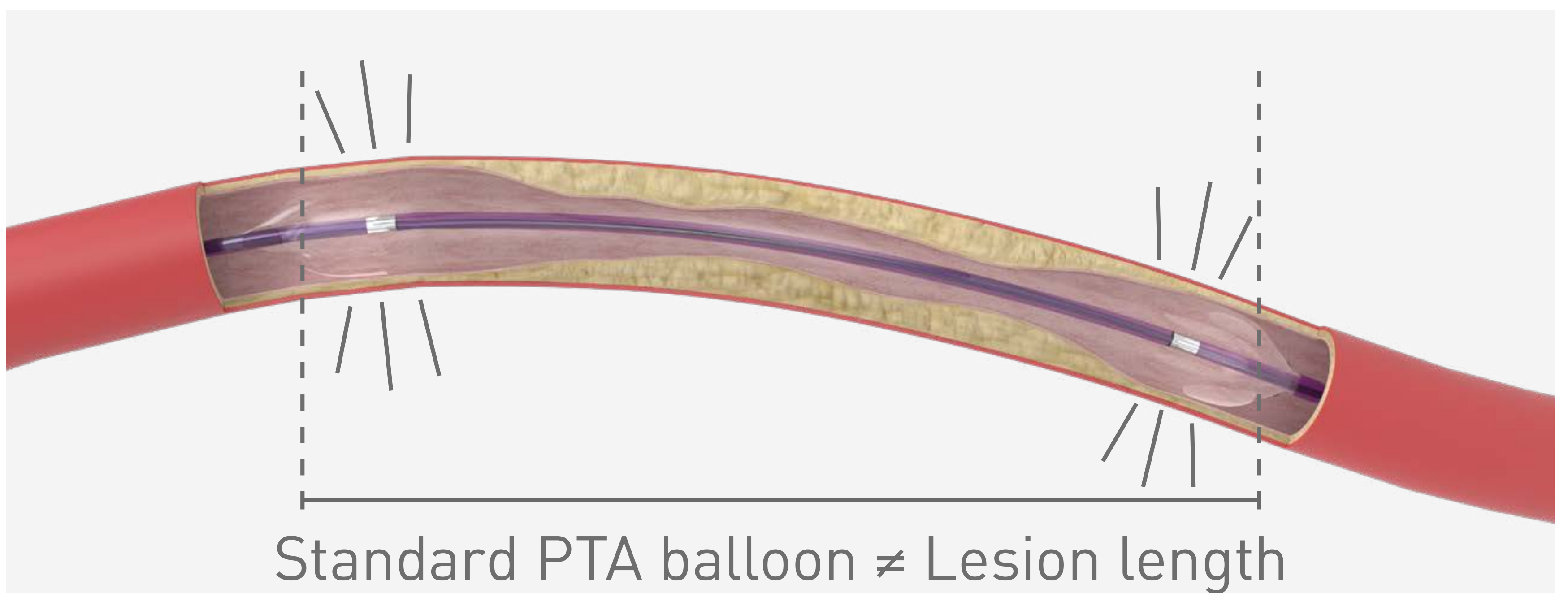


180 mm



\*Balloon  $\varnothing$  7 mm has 2 markers, one distal and one at 50 mm

### Match Oscar PTA balloon to lesion length





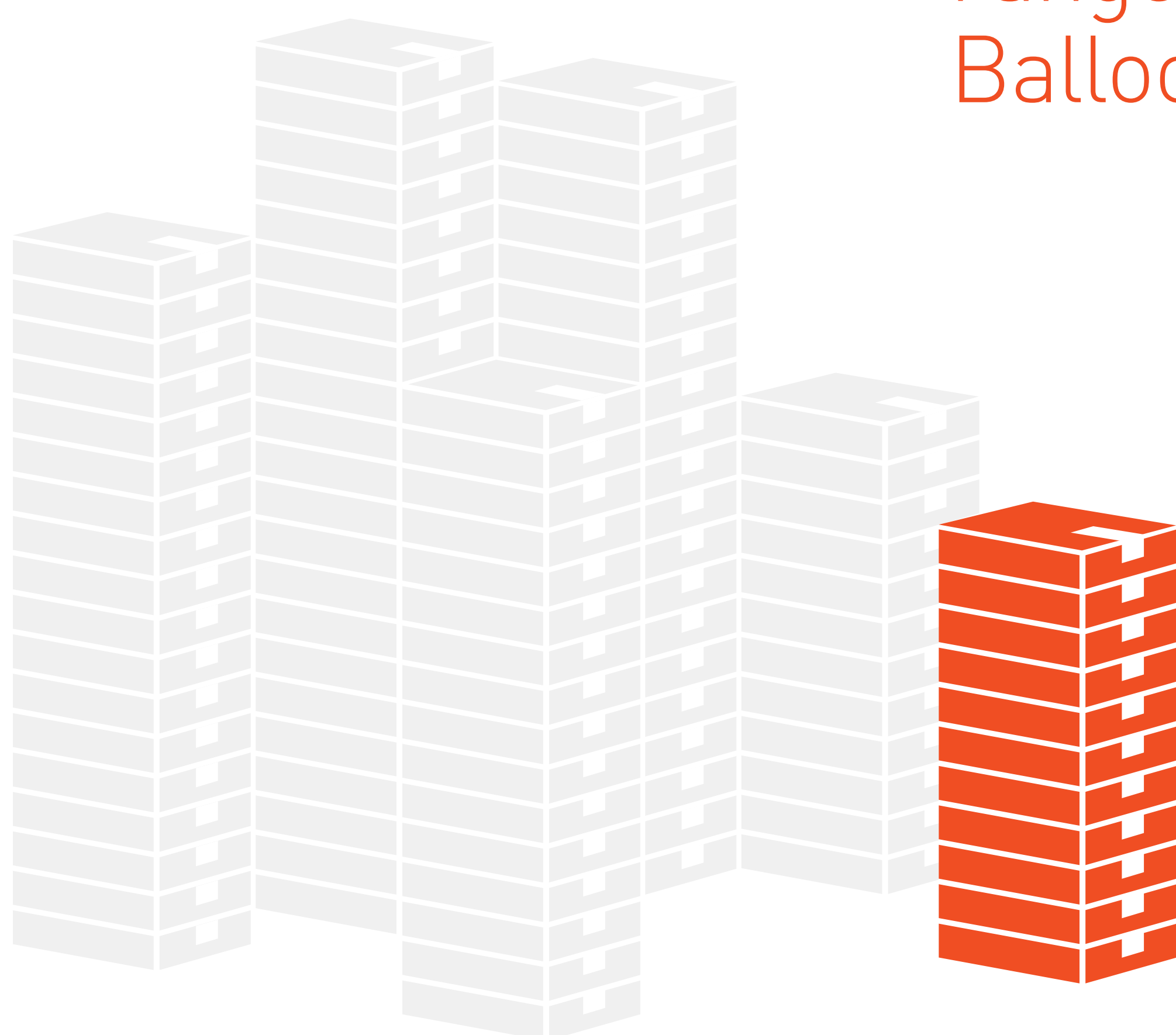
## One Solution: Cross. Adjust. Restore.

Achieve more with less. Optimize your stock management and simplify your procedural flow.

Address unmet needs for physicians, administrators and cath lab staff:

- Save valuable shelf space
- Always have the right balloon length on hand
- Simplify ordering and inventory management processes

An average PTA balloon requires up to 65<sup>◇</sup> stock units to cover a full size range. The Oscar PTA Balloon only needs 11.



Up to  
**83%**  
stock  
reduction

<sup>◇</sup>Compared to equivalent available sizes of Passeo<sup>®</sup>-14 and Passeo<sup>®</sup>-18 PTA balloons

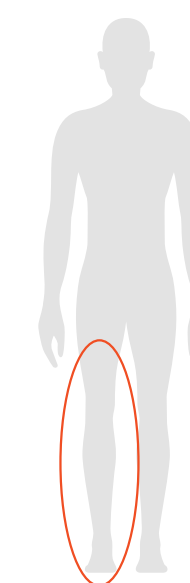






# Oscar®

Vascular  
Intervention  
Peripheral



Indicated for percutaneous transluminal interventions in the peripheral vasculature to provide support during access into and to dilate stenoses in femoral, popliteal and infrapopliteal arteries. The product is also intended for injection of radiopaque contrast media for the purpose of angiography.<sup>1</sup>

Technical Data	Balloon catheter	0.014"/4F	0.018"/6F
Catheter type	OTW	OTW	OTW
Recommended guide wire	0.014"	0.018"	0.018"
Tip	Soft and tapered, colored (yellow)	Soft and tapered, colored (blue)	Soft and tapered, colored (blue)
Balloon material	SCP (Semi-Crystalline Polymer)	SCP (Semi-Crystalline Polymer)	SCP (Semi-Crystalline Polymer)
Balloon folding	3-fold	5-fold	5-fold
Balloon coating	Hydrophobic coated tip	Hydrophobic coated tip	Hydrophobic coated tip
Guide wire lumen	Hydrophobic coating	Hydrophobic coating	Hydrophobic coating
Balloon markers	3 swaged markers (no profile)	3 (ø 4.0 - 6.0), 2 (ø 7.0) swaged markers (no profile)	3 (ø 4.0 - 6.0), 2 (ø 7.0) swaged markers (no profile)
Balloon diameters and adjustable length	ø 2.0, 2.5, 3.0, 3.5 mm; L: 20 - 180 mm	ø 4.0, 5.0, 6.0 mm; L: 20 - 180 mm	ø 7.0 mm; L: 20 - 100 mm
Shaft	3.5F; dual lumen design	5.1F; dual lumen design	5.1F; dual lumen design
Maximum usable length	127 cm	128, 80 cm (ø 4.0, 5.0, 6.0 mm), 72 cm (ø 7.0 mm)	128, 80 cm (ø 4.0, 5.0, 6.0 mm), 72 cm (ø 7.0 mm)
Total length	141 cm	142, 93 cm (ø 4.0, 5.0, 6.0 mm), 86 cm (ø 7.0 mm)	142, 93 cm (ø 4.0, 5.0, 6.0 mm), 86 cm (ø 7.0 mm)
Nominal pressure (NP)	8 atm	6 atm	6 atm
Rated burst pressure (RBP)	16 atm (ø 2.0, 2.5, 3.0 mm), 14 atm (ø 3.5 mm)	14 atm (ø 4.0, 5.0, 6.0 mm), 12 atm (ø 7.0 mm)	14 atm (ø 4.0, 5.0, 6.0 mm), 12 atm (ø 7.0 mm)
<b>Support catheter</b>			
	<b>0.014"/4F</b>	<b>0.018"/6F</b>	
Sheath size compatibility (F)	4F	6F	6F
Maximum usable length	108 cm	60, 108 cm	60, 108 cm
Shaft construction	Reinforced shaft, polymer braid	Reinforced shaft, polymer braid	Reinforced shaft, polymer braid
Coating	Hydrophobic distal 45 cm	Hydrophobic distal 45 cm	Hydrophobic distal 45 cm
Tip	Straight with platinum-iridium marker	Straight with platinum-iridium marker	Straight with platinum-iridium marker
<b>Dilator</b>			
	<b>0.014"/4F</b>	<b>0.018"/6F</b>	
Tip	Olive-shaped stainless steel	Olive-shaped stainless steel	Olive-shaped stainless steel
Shape	Straight	Straight	Straight
Maximum usable length	127 cm	80, 127 cm	80, 127 cm

## Ordering Information

Balloon ø (mm)	2.0	2.5	3.0	3.5	4.0	5.0	6.0	4.0	5.0	6.0	7.0
Total Length (cm)	141				142			93			86
Oscar Multifunctional Catheter system*	454332	454333	454334	454335	454336	454337	454338	454339	454340	454341	454342
Single Oscar PTA Balloons**	454343	454344	454345	454346	454347	454348	454349	454350	454351	454352	454353
Guide wire/sheath compatibility	0.014"				0.018"						
	antegrade approach				retrograde approach			antegrade approach			
	<b>4F</b>							<b>6F</b>			

1. per IFU: Indicated for percutaneous transluminal interventions in the peripheral vasculature to provide support during access into and to dilate stenoses in femoral, popliteal and infrapopliteal arteries. The product is also intended for injection of radiopaque contrast media for the purpose of angiography; 2. BIOTRONIK data on file.

\*Includes PTA Balloon, Dilator and Support Catheter. \*\*Single Oscar PTA Balloons also available separately. Only to be used with the matching Oscar Multifunctional Support Catheter system.

Oscar and Passeo are trademarks or registered trademarks of the BIOTRONIK Group of Companies. All other trademarks or registered trademarks are the property of their respective owners.

