

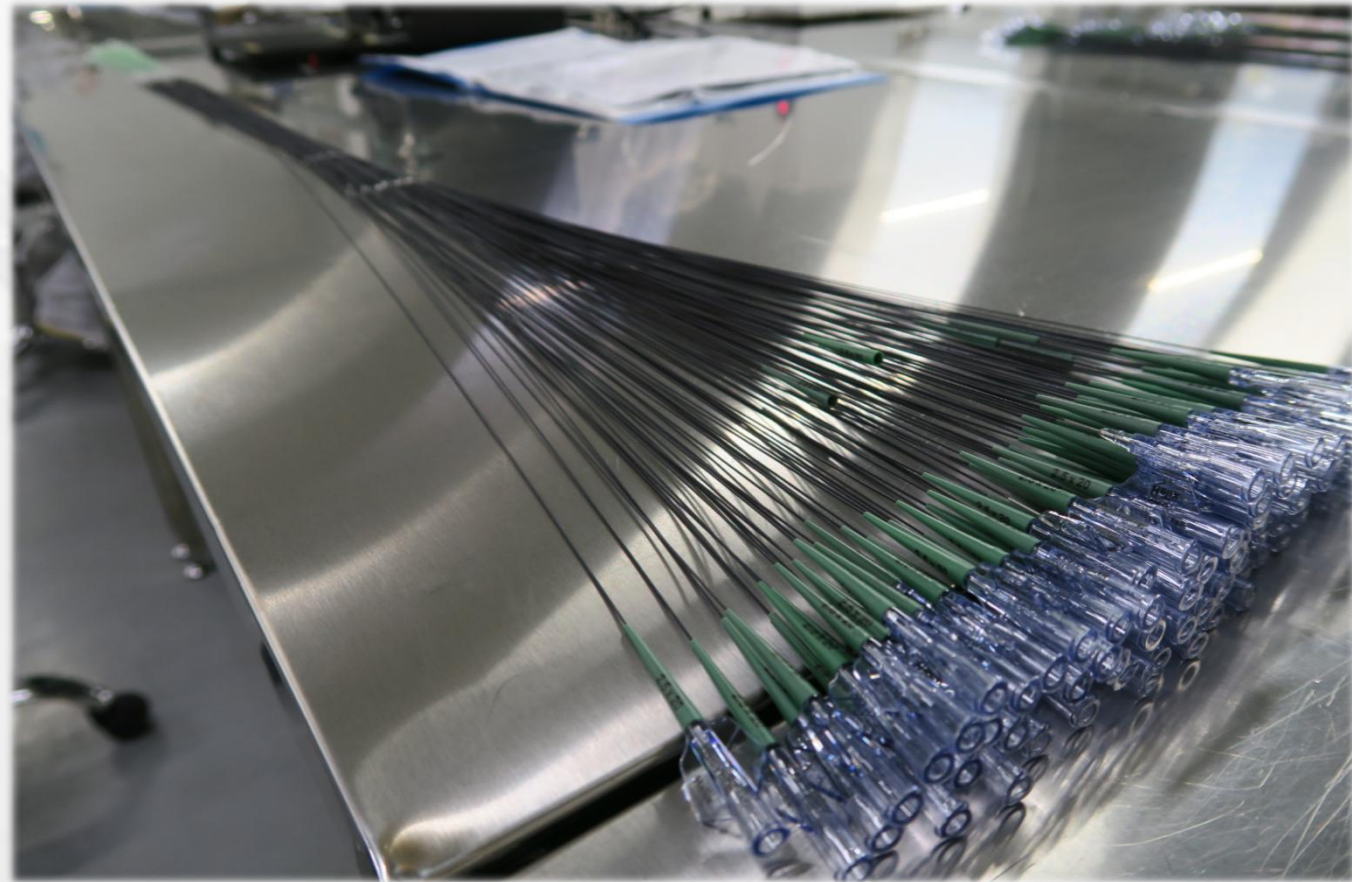
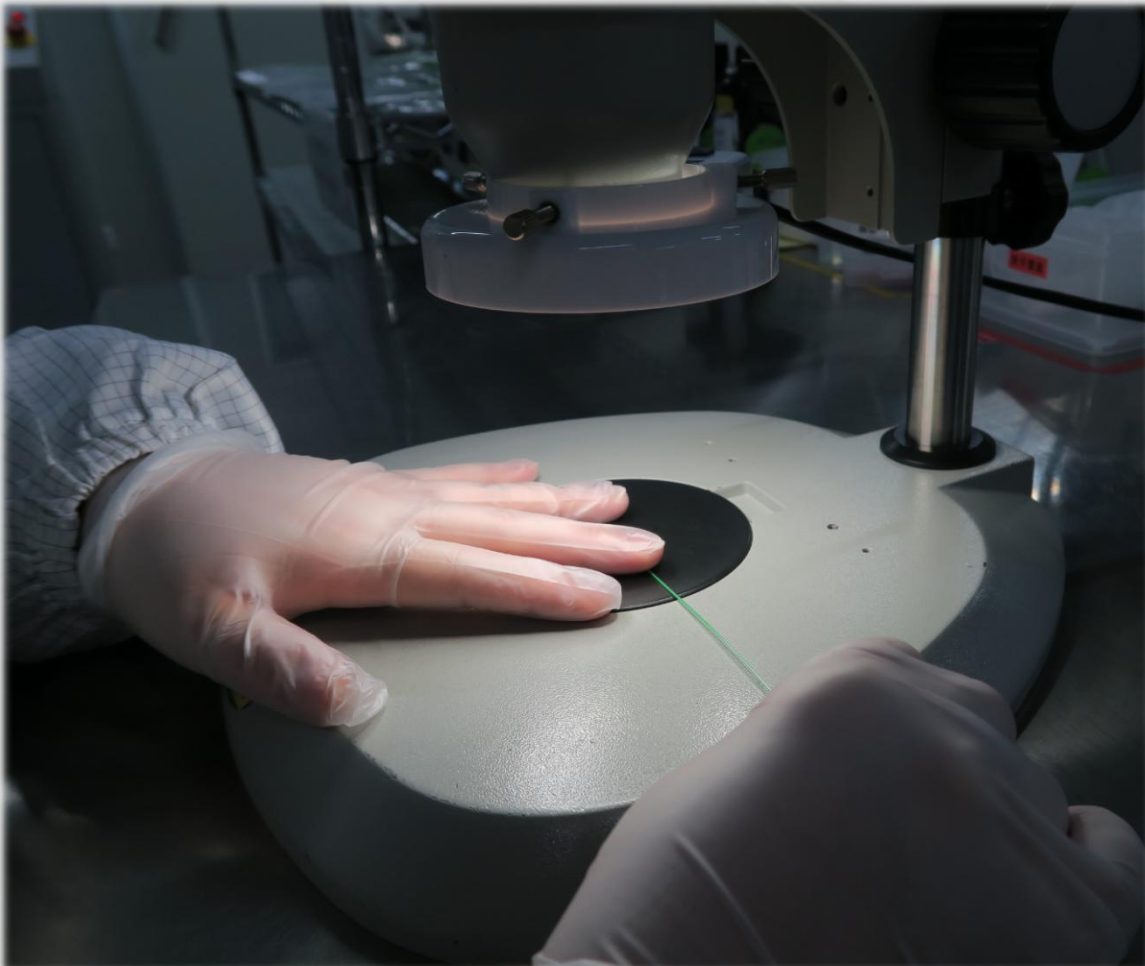


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Our Facility



A Netherlands company specializing in Balloon Dilatation Catheters.

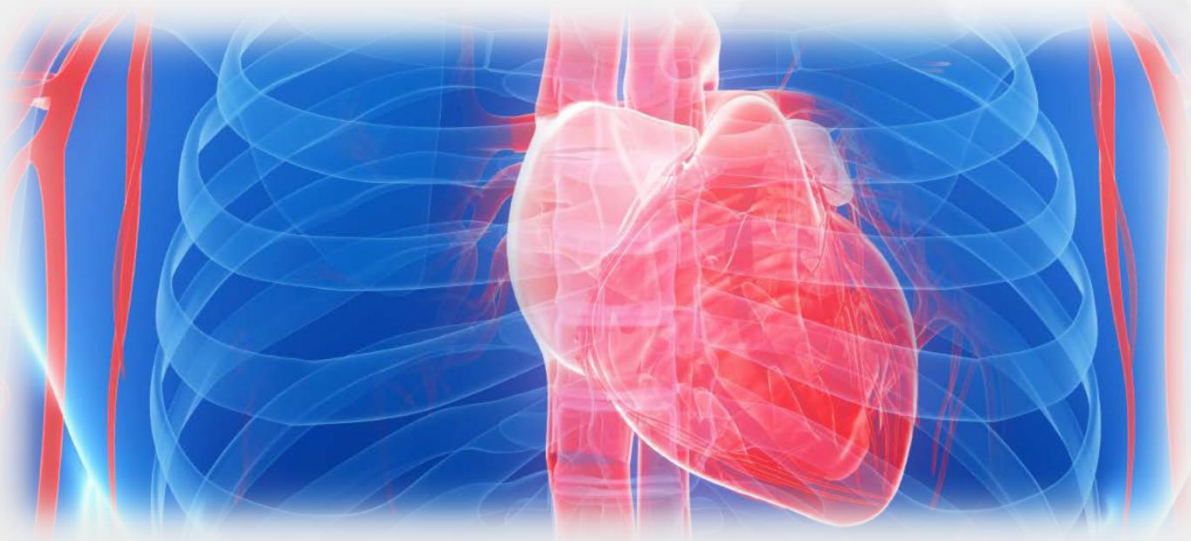
■ Coronary Balloon Dilatation Catheter

Helix

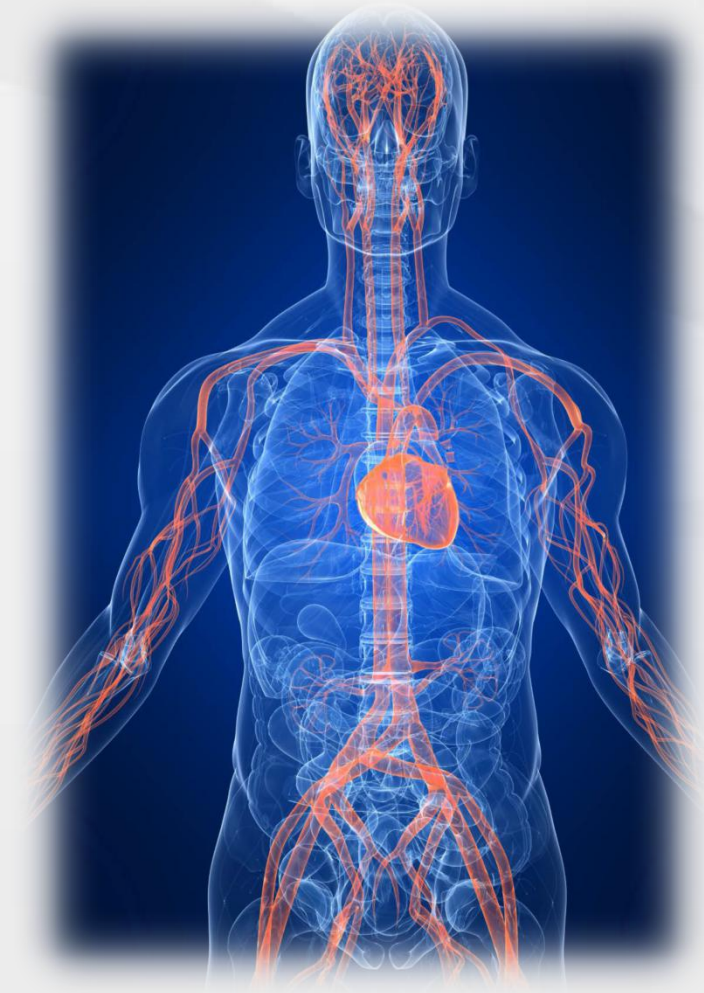
Semi-Compliant PTCA

Vecchio NC

Non-Compliant PTCA



A Netherlands company specializing in Balloon Dilatation Catheters.



Peripheral Balloon Dilatation Catheter

Trift	Semi-Compliant 0.035 OTW PTA
Millau NC	Non-Compliant 0.035 OTW PTA
Skinny	Semi-Compliant 0.018 OTW PTA
Erasmus NC	Non-Compliant 0.018 OTW PTA
Zeeland	Semi-Compliant 0.014 OTW PTA
Rialto NC	Non-Compliant 0.014 OTW PTA

Coronary Balloon Dilatation Catheter



Helix™ CTO Semi-Compliant
PTCA Balloon Dilatation Catheter

Helix™ Semi-Compliant
PTCA Balloon Dilatation Catheter

Vecchio™ Non-Compliant High Pressure
PTCA Balloon Dilatation Catheter



Balance Tip Technology

- Improve guide wire tracking ability
- Better performance when crossing complex lesions

Ø1.0-1.75mm

Tip Length 1.5mm

Ø2.0-3.0mm

Tip Length 2.0mm

Ø3.25-4.0mm

Tip Length 2.5mm



Smooth & tapered distal end

- Very small tip through outer diameter 0.0160 inch
- Good lesion crossability and stent mesh crossability



Smooth Distant end welding technique

- Remove the “gap” of the distal welding to obtain extremely low Crossing Profile;
- Excellent flexibility and extremely small crossing profile to ensure delivery in complex lesions



Helix

Semi-Compliant PTCA



Balance Tip Technology

Distal flexibility comparison with other Brand

Helix™ Semi-Compliant PTCA Dilatation Catheter

From cNovate Medical



EMERGE™ PTCA Dilatation Catheter

From Boston Scientific



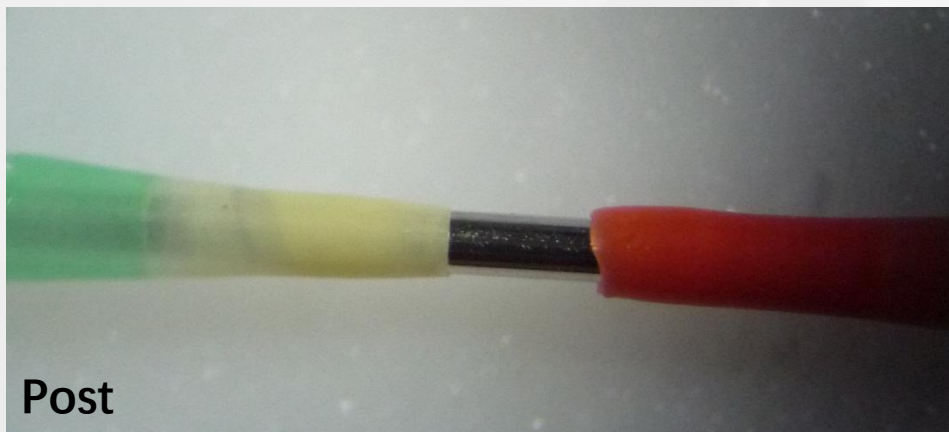
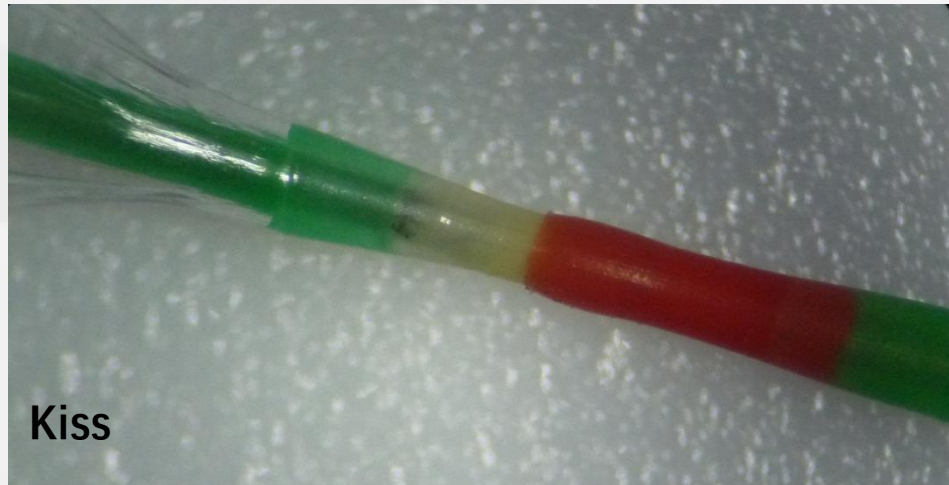
Tazuna® PTCA Dilatation Catheter

From Terumo Europe NV

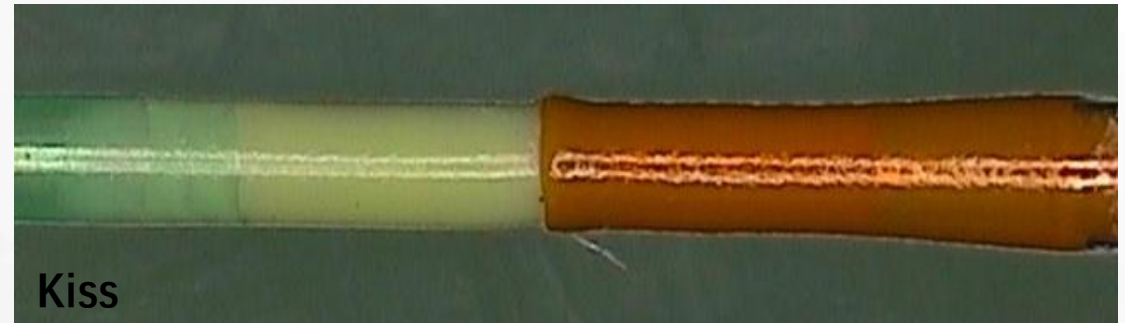
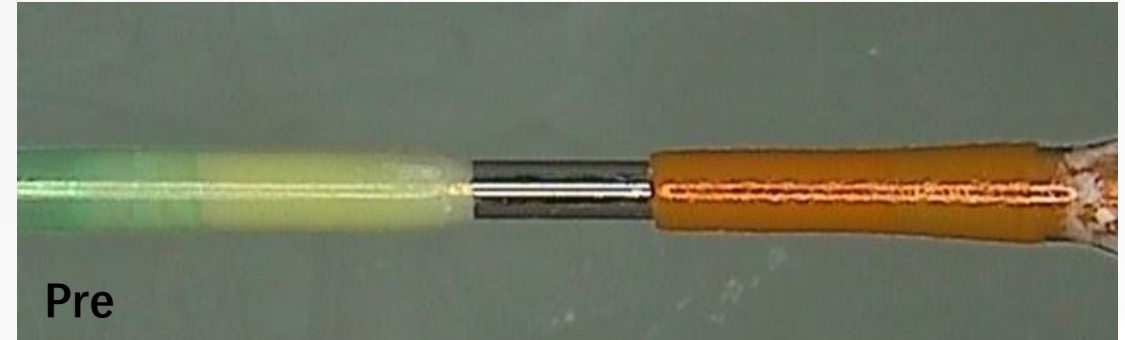


Balance Tip Technology

Cross-ability comparison with other Brand



Helix™ Vs Sleek



Helix Vs MiniTrek

Helix

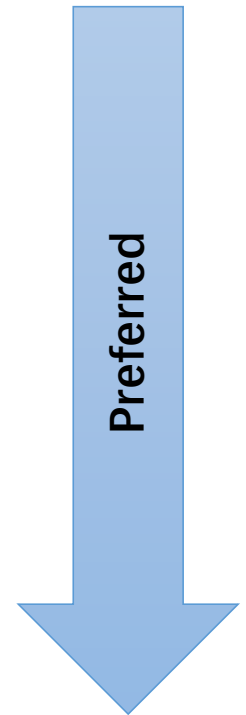
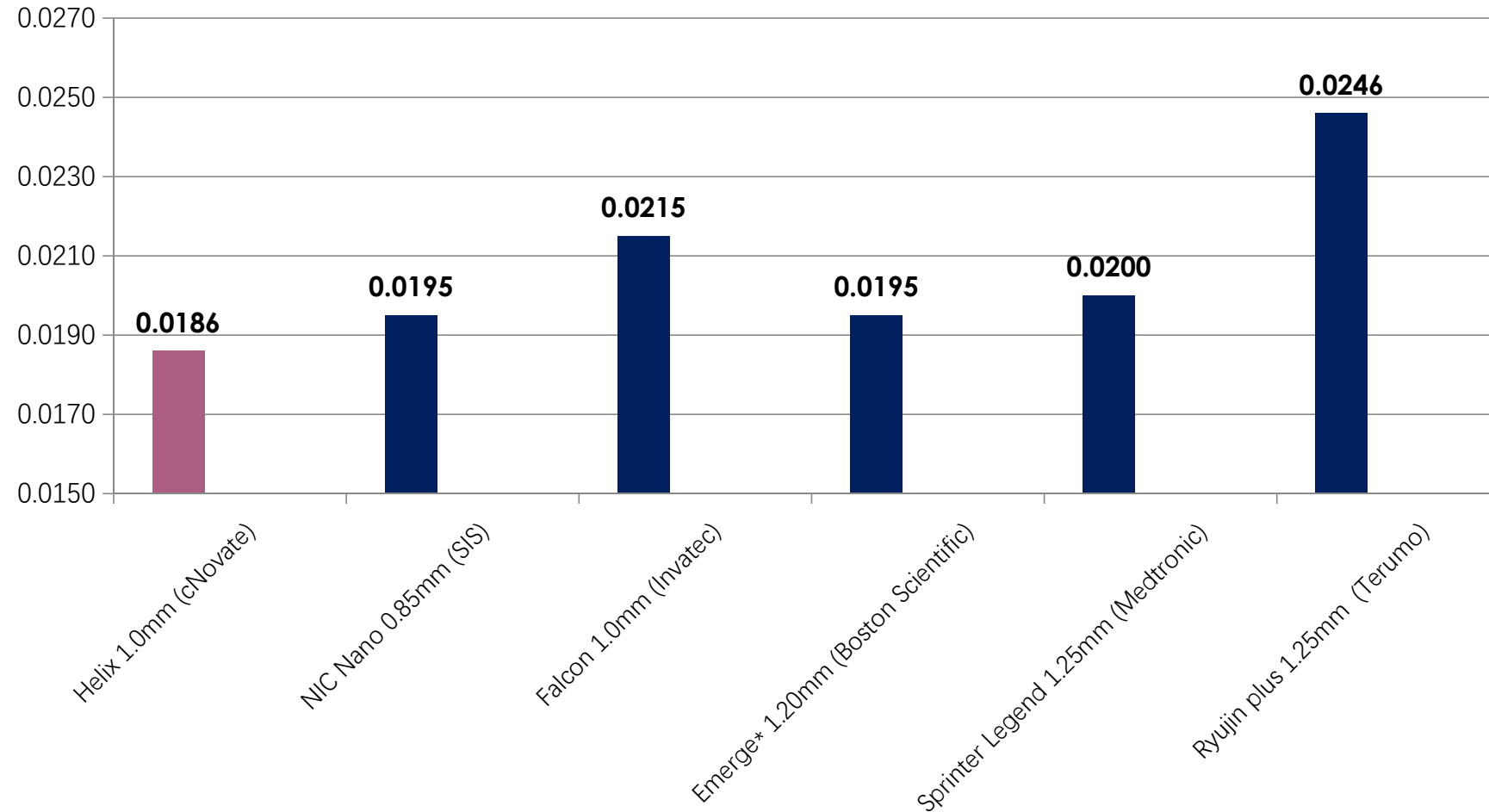
CTO

Semi-Compliant PTCA

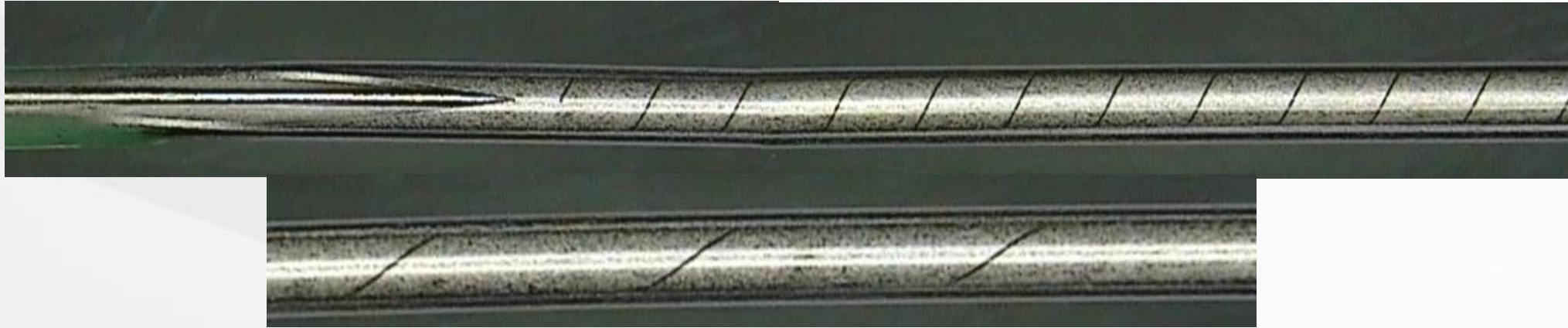


Helix CTO Semi-Compliant PTCA

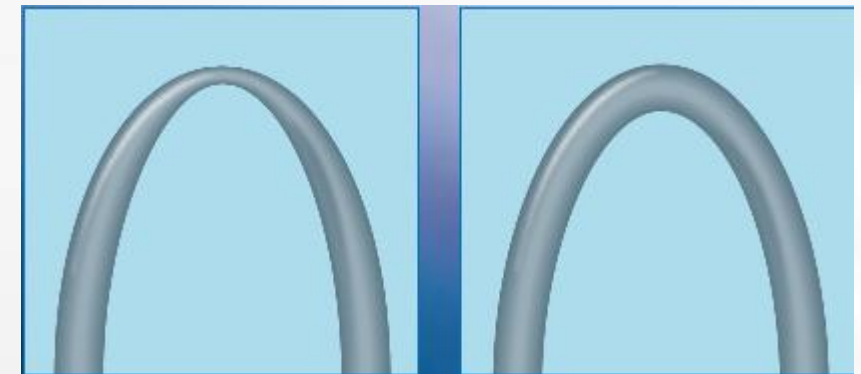
- CTO balloon profile comparison



- Spiral cut hypotube aims to improve pushability, kink resistance, and overall balance



- Pole-Vault technology for hypotube makes the shaft more resistant to bending, improve the pushability for tortuous vessels.



Other Hypotube

Pole-Vault technology

- Order information

Catalog	Sizes	Catalog	Sizes
801-1005	Ø1.0 x 5mm	801-1205	Ø1.25 x 5mm
801-1010	Ø1.0 x 10mm	801-1210	Ø1.25 x 10mm
801-1015	Ø1.0 x 15mm	801-1215	Ø1.25 x 15mm
801-1020	Ø1.0 x 20mm	801-1220	Ø1.25 x 20mm
801-1030	Ø1.0 x 30mm	801-1230	Ø1.25 x 30mm

- Extremely low profile
- Powerful crossability and pushability to the most complex lesion
- A tapered & balance tip enhances the ability of crossing and re-crossing
- 6F guiding catheter “KISSING” compatible
- Advanced hydrophilic coating

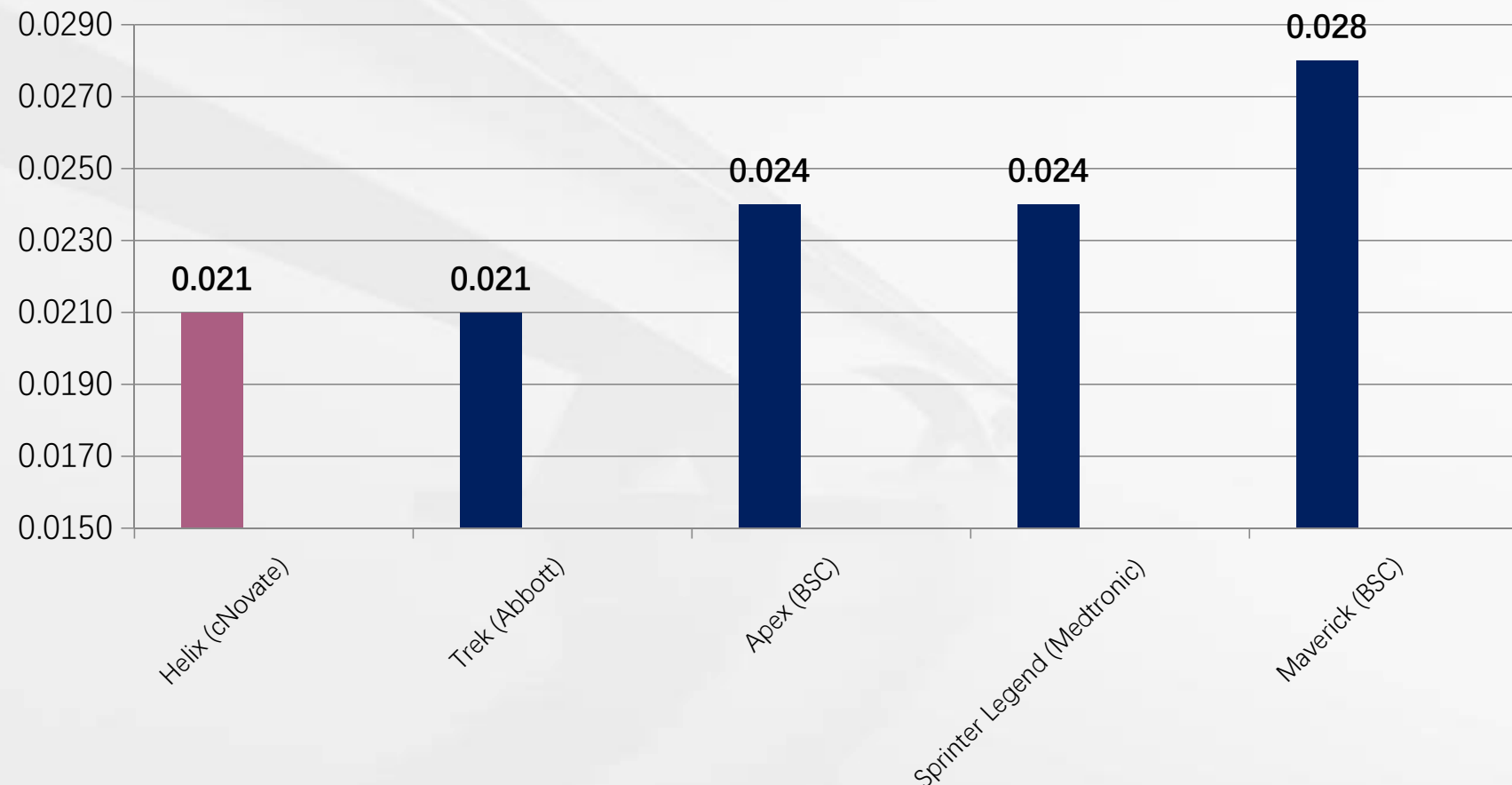




**CROSS and RE-
CROSSING**

- Lower profile
- 6F Guiding Catheter
- Kissing Technique
- Latest hydrophilic coating
- Zero transition
- Fine tuned hypotube design
- Well Balanced Tip

- Balloon profile comparison



Note: 3.0mm balloon used in the comparison

Preferred

Rewrap comparison

Ø3.0mm balloon comparison

Helix(cNovate)	0.0300"
Ryujin Plus (Terumo)	0.0350"
Sprinter Legend (Medtronic)	0.0310"

Ø 2.5mm balloon comparison

Helix (cNovate)	0.0290"
Emerge (Boston Scientific)	0.0310"



- Well-balanced tip
 - I. \varnothing 1.5mm - 1.75mm tip length (1.5mm)
 - II. \varnothing 2.0mm - 3.0mm tip length (2.0mm)
 - III. \varnothing 3.25mm - 4.0mm tip length (2.5mm)
- Short softer tip
 - I. enhance the ability of the crossing and re-crossing
 - II. help to navigate through the stent strut as well

- Technical Specification

	Helix cNovate	Sprinter Legend RX Medtronic	Emerge Boston Scientific	Rujin Plus Terumo
Prox Shaft	1.9F	1.9F	1.8F	2.0F
Distal Shaft	2.36F (Ø1.0-1.75mm) 2.55F (Ø 2.0 – 3.0mm) 2.7F (Ø 3.25 – 4.0mm)	2.4F / 2.6F (Ø1.5-3.5mm) 2.5F / 2.7F (Ø3.75-4.0mm)	2.4/2.6F	2.4F (Ø1.25-2.0mm) 2.5F (Ø2.25-3.0mm) 2.6F (Ø3.5-4.0mm)
Balloon Material	Pebax	Fulcrum	Pebax	unknown
Balloon Pleats	Tri-fold	MiniWrap folding 2 folds for Ø1.5mm 3 folds for Ø2.0-3.75 mm 5 folds for Ø4.0mm	Mini folded	2-3 folds
Compliance	Semi-compliance	Semi-compliance	Semi-compliance	Semi-compliance
Tip Crossing Profile (entry profile)	0.016"	0.016"	0.017"	0.0157"
Marker Bands	2 markers (Note: 1 marker for 1.0-1.75mm balloons only)	Platinum iridium marker bands Single marker for Ø1.5mm & double markers for Ø2.0-4.0mm	Platinum iridium markers Single marker for Ø1.20, 1.5mm , double markers for Ø2.0-4.0mm	2 markers
Coating	Glide™Hydrophilic from tip to adjacent guidewire port (Outer surface) ▪ Fast™ coating for guidewire lumen	Selective Dura-Trac	Zglide™/Xfra™	Hydrophilic
Nominal Pressure	6 atm	6 atm (Ø1.5mm) / 8 atm (Ø2.0- 4.0mm)	6 atm	6 atm
Rated Burst Pressure	14 atm	12 atm (Ø1.5mm) / 14 atm (Ø2.0- 4.0mm)	18atm (Ø1.2mm)/14atm (1.5- 3.25mm)/12atm (3.5-4.0mm)	14 atm (Ø1.25-3.0mm) / 12 atm (Ø3.5-4.0mm)
Mean Burst Pressure	20 atm	unknown	unknown	unknown

- Order information

Catalog	Sizes	Catalog	Sizes	Catalog	Sizes
801-1505	Ø1.5 x 5mm	801-2505	Ø2.5 x 5mm	801-3505	Ø3.5 x 5mm
801-1510	Ø1.5 x 10mm	801-2510	Ø2.5 x 10mm	801-3510	Ø3.5 x 10mm
801-1515	Ø1.5 x 15mm	801-2515	Ø2.5 x 15mm	801-3515	Ø3.5 x 15mm
801-1520	Ø1.5 x 20mm	801-2520	Ø2.5 x 20mm	801-3520	Ø3.5 x 20mm
801-1530	Ø1.5 x 30mm	801-2530	Ø2.5 x 30mm	801-3530	Ø3.5 x 30mm
801-1705	Ø1.75 x 5mm	801-2705	Ø2.75 x 5mm	801-4005	Ø4.0 x 5mm
801-1710	Ø1.75 x 10mm	801-2710	Ø2.75 x 10mm	801-4010	Ø4.0 x 10mm
801-1715	Ø1.75 x 15mm	801-2715	Ø2.75 x 15mm	801-4015	Ø4.0 x 15mm
801-1720	Ø1.75 x 20mm	801-2720	Ø2.75 x 20mm	801-4020	Ø4.0 x 20mm
801-1730	Ø1.75 x 30mm	801-2730	Ø2.75 x 30mm	801-4030	Ø4.0 x 30mm
801-2005	Ø2.0 x 5mm	801-3005	Ø3.0 x 5mm	----	----
801-2010	Ø2.0 x 10mm	801-3010	Ø3.0 x 10mm	----	----
801-2015	Ø2.0 x 15mm	801-3015	Ø3.0 x 15mm	----	----
801-2020	Ø2.0 x 20mm	801-3020	Ø3.0 x 20mm	----	----
801-2030	Ø2.0 x 30mm	801-3030	Ø3.0 x 30mm	----	----
801-2205	Ø2.25 x 5mm	801-3205	Ø3.25 x 5mm	----	----
801-2210	Ø2.25 x 10mm	801-3210	Ø3.25 x 10mm	----	----
801-2215	Ø2.25 x 15mm	801-3215	Ø3.25 x 15mm	----	----
801-2220	Ø2.25 x 20mm	801-3220	Ø3.25 x 20mm	----	----
801-2230	Ø2.25 x 30mm	801-3230	Ø3.25 x 30mm	----	----

- Compliance Chart

Pressure (atm)	1.0mm	1.25mm	1.5mm	1.75mm	2.0mm	2.25mm	2.5mm	2.75mm	3.0mm	3.25mm	3.5mm	4.0mm
2	0.90	1.15	1.40	1.65	1.87	2.15	2.36	2.60	2.82	3.05	3.30	3.78
4	0.95	1.20	1.45	1.70	1.94	2.20	2.45	2.67	2.91	3.15	3.40	3.90
6 (NOM)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	1.05	1.30	1.55	1.80	2.05	2.35	2.57	2.85	3.10	3.35	3.63	4.13
10	1.10	1.35	1.60	1.85	2.11	2.40	2.64	2.95	3.18	3.45	3.74	4.25
12	1.15	1.40	1.65	1.90	2.19	2.50	2.71	3.00	3.27	3.55	3.85	4.35
14 (RBP)	1.20	1.45	1.70	1.95	2.25	2.55	2.80	3.05	3.35	3.65	3.95	4.45
16	1.23	1.50	1.75	2.00	2.32	2.60	2.85	3.15	3.45	3.75	4.05	4.58
18	1.25	1.55	1.80	2.05	2.38	2.68	2.93	3.25	3.55	3.85	4.15	4.68

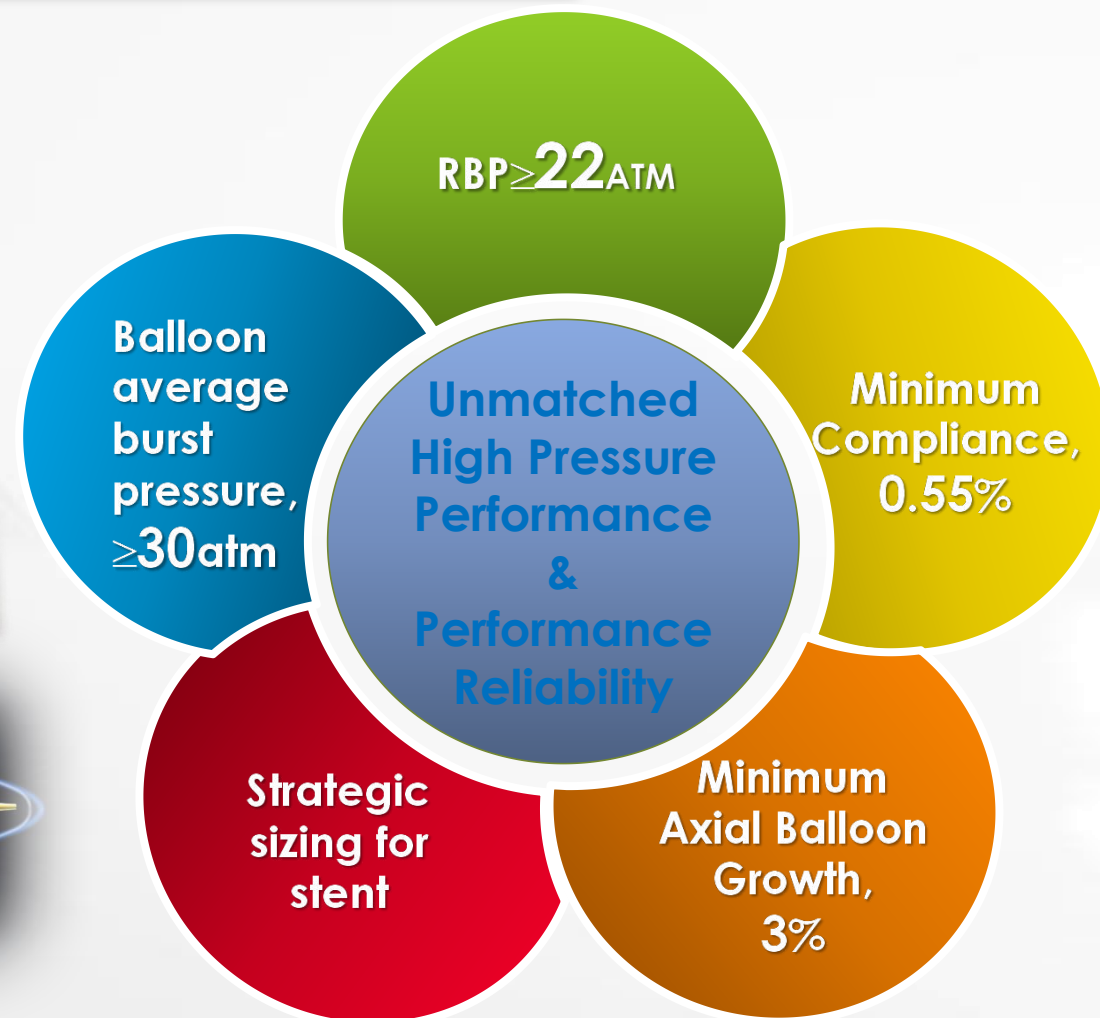
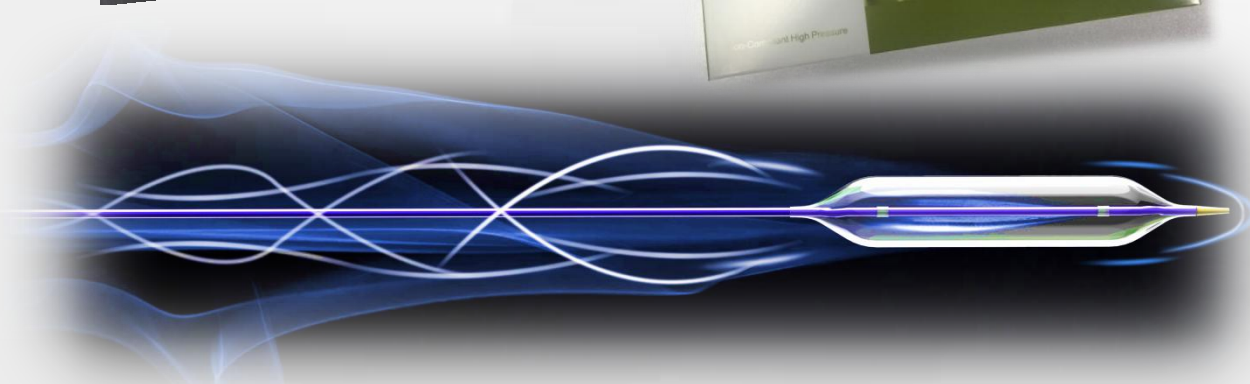
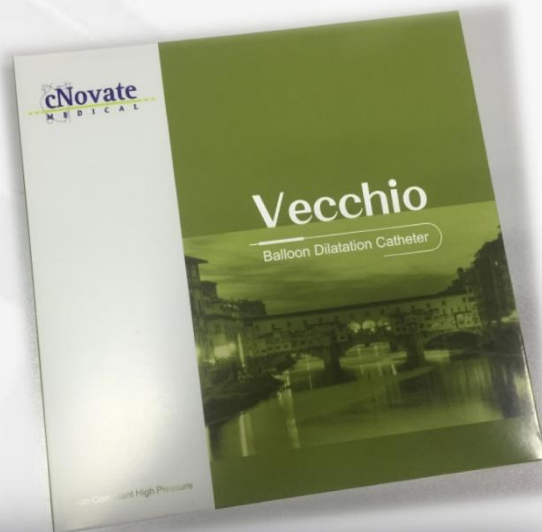
- ✓ Truly non-compliant high pressure balloon
- ✓ Limited “doggy bone” even in the most calcified lesion and in-stent restenosis
- ✓ Minimal balloon axial growth of eliminating stent struct distortion
- ✓ A well balanced variable tip-length to ensure most optimal tip penetration force for specific range of balloon diameters
- ✓ Advanced hydrophilic coating

Safe
Robust

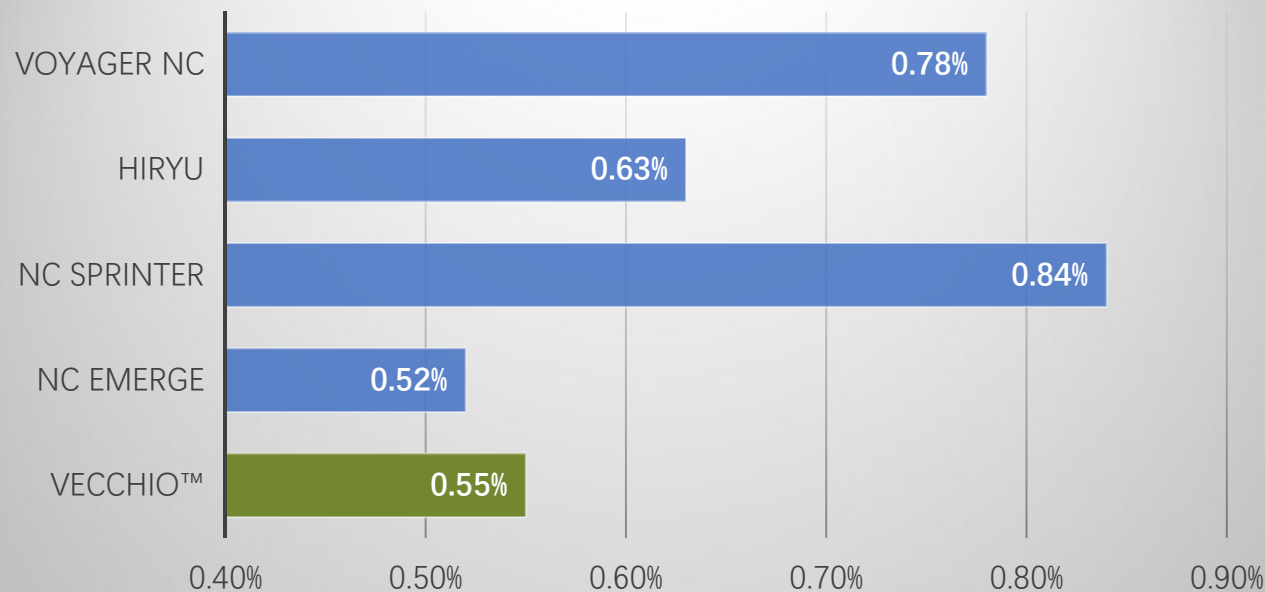
Vecchio NC

Non-Compliant PTCA

Vecchio technology- Stronger and safer

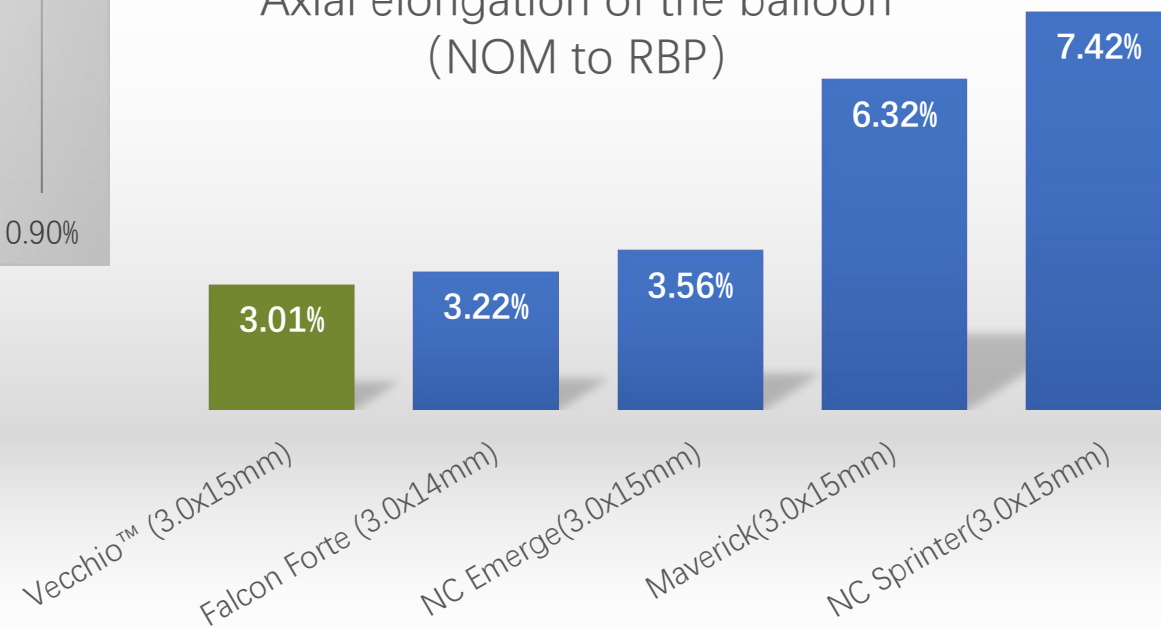


Compliance comparison



Rear expansion adheres to wall better

Axial elongation of the balloon (NOM to RBP)



It is safer to stick to the wall

- Strategic sizing for precise dilatation to match popular stent lengths

- **Diameter (mm)**

2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5,
3.75 , 4.0, 4.5 &5.0

- **Length (mm)**

8, 10, 12, 15 &18mm



- Technical Specification

	Vecchio cNovate	Quantan Maverick Boston Scientific	Kongou Terumo	NC Sprinter Medtronic
Prox Shaft Diameter	2.0F	1.8F	2.5F	1.9F
Dist. Shaft Diameter	2.7F	2.7F	2.7F	2.4/2.6/3.0F
Nominal Pressure	12atm	12 atm	10 atm	10atm
Rated Burst Pressure	22atm (2.0-4.0mm) 20atm (4.5-5.0mm)	20atm (2.0 - 4.0mm) 18atm (4.5 - 5.0mm)	20 atm	18atm
Mean Burst Pressure	30atm	unknown	28atm	24atm
Tip Profile	0.016"	0.016"	0.016"	0.016"
Tip length	2.0/2,5mm	unknown	unknown	3.5/4.5mm
Balloon Diameters (mm)	2.0 - 5.0mm 1/4 size)	2.0 - 4.0mm 1/4 size) & 4.5, 5.0	2.5 - 3.5mm (1/4 size) , 4mm	2.0-5.0mm
Balloon Lengths (mm)	8, 10, 12, 15, 18	8, 12, 15, 20, 30	10, 15	6-27
Coating	Glide™Hydrophilic from tip to adjacent guidewire port (Outer surface) ▪ Fast™ coating for guidewire lumen	XTRA (8, 12, 15 mm); Bioslide hydrophilic (20, 30mm)	Hydrophilic outer surface	Hydrophilic outer surface

- Order Information

Catalog	Sizes	Catalog	Sizes	Catalog	Sizes
802-2008	Ø2.0 x 8mm	802-3008	Ø3.0 x 8mm	802-4008	Ø4.0 x 8mm
802-2010	Ø2.0 x 10mm	802-3010	Ø3.0 x 10mm	802-4010	Ø4.0 x 10mm
802-2012	Ø2.0 x 12mm	802-3012	Ø3.0 x 12mm	802-4012	Ø4.0 x 12mm
802-2015	Ø2.0 x 15mm	802-3015	Ø3.0 x 15mm	802-4015	Ø4.0 x 15mm
802-2018	Ø2.0 x 18mm	802-3018	Ø3.0 x 18mm	802-4018	Ø4.0 x 18mm
802-2208	Ø2.25 x 8mm	802-3208	Ø3.25 x 8mm	802-4508	Ø4.5 x 8mm
802-2210	Ø2.25 x 10mm	802-3210	Ø3.25 x 10mm	802-4510	Ø4.5 x 10mm
802-2212	Ø2.25 x 12mm	802-3212	Ø3.25 x 12mm	802-4512	Ø4.5 x 12mm
802-2215	Ø2.25 x 15mm	802-3215	Ø3.25 x 15mm	802-4515	Ø4.5 x 15mm
802-2218	Ø2.25 x 18mm	802-3218	Ø3.25 x 18mm	802-4518	Ø4.5 x 18mm
802-2508	Ø2.5 x 8mm	802-3508	Ø3.5 x 8mm	802-5008	Ø5.0 x 8mm
802-2510	Ø2.5 x 10mm	802-3510	Ø3.5 x 10mm	802-5010	Ø5.0 x 10mm
802-2512	Ø2.5 x 12mm	802-3512	Ø3.5 x 12mm	802-5012	Ø5.0 x 12mm
802-2515	Ø2.5 x 15mm	802-3515	Ø3.5 x 15mm	802-5015	Ø5.0 x 15mm
802-2518	Ø2.5 x 18mm	802-3518	Ø3.5 x 18mm	802-5018	Ø5.0 x 18mm
802-2708	Ø2.75 x 8mm	802-3708	Ø3.75 x 8mm	----	----
802-2710	Ø2.75 x 10mm	802-3710	Ø3.75 x 10mm	----	----
802-2712	Ø2.75 x 12mm	802-3712	Ø3.75 x 12mm	----	----
802-2715	Ø2.75 x 15mm	802-3715	Ø3.75 x 15mm	----	----
802-2718	Ø2.75 x 18mm	802-3718	Ø3.75 x 18mm	----	----

- Compliance Chart

Pressure (atm)	2.0mm	2.25mm	2.5mm	2.75mm	3.0mm	3.25mm	3.5mm	3.75mm	4.0mm	4.5mm	5.0mm
8	1.96	2.20	2.45	2.69	2.94	3.18	3.42	3.67	3.90	4.35	4.92
10	1.98	2.23	2.47	2.72	2.97	3.22	3.46	3.71	3.95	4.43	4.96
12 (NOM)	2.0	2.25	2.50	2.75	3.0	3.25	3.50	3.75	4.0	4.50	5.00
14	2.02	2.27	2.53	2.78	3.03	3.29	3.54	3.79	4.05	4.55	5.07
16	2.04	2.30	2.56	2.81	3.07	3.32	3.58	3.83	4.10	4.62	5.14
18	2.07	2.33	2.58	2.84	3.10	3.36	3.63	3.88	4.16	4.69	5.22
20	2.09	2.35	2.61	2.87	3.13	3.40	3.67	3.92	4.21	4.75	5.28
22 (RBP)	2.11	2.38	2.64	2.90	3.17	3.43	3.72	3.96	4.27	4.82	5.35
24	2.14	2.40	2.67	2.94	3.20	3.47	3.76	4.00	4.32	4.89	5.4
26	2.16	2.43	2.70	2.97	3.24	3.51	3.80	4.05	4.38	4.97	5.49
28	2.18	2.46	2.73	3.00	3.27	3.55	3.85	4.09	4.44	5.00	5.57
30	2.21	2.48	2.76	3.03	3.31	3.59	3.90	4.14	4.49	5.05	5.63

Peripheral Balloon Dilatation Catheter

Trift



PTA Balloon Catheter
Semi-Compliant 0.035 OTW

Millau NC



PTA Balloon Catheter
Non-Compliant 0.035 OTW

Skinny



PTA Balloon Catheter
Semi-compliant 0.018 OTW

Erasmus NC



PTA Balloon Catheter
Non-Compliant 0.018 OTW

Zeeland



PTA Balloon Catheter
Semi-Compliant 0.014 OTW

Rialto NC



PTA Balloon Catheter
Non-Compliant 0.014 OTW

Peripheral Balloon Dilatation Catheter



Trift

Semi-Compliant 0.035 OTW PTA



Millau NC

Non-Compliant 0.035 OTW PTA

Technical Specifications

<i>Catheter Type</i>	Over-the-Wire (OTW)
<i>Balloon Diameters</i>	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0
<i>Balloon Lengths</i>	20, 30, 40, 60, 80, 100, 120, 150, 200
<i>Nominal Pressure</i>	6 atm
<i>Rated Burst Pressure</i>	14 atm
<i>Average Burst Pressure</i>	20 atm
<i>Compliance</i>	Semi-compliance
<i>Balloon Pleats</i>	3 for Ø3.0-4.0mm, 5 for Ø5.0mm-10.0mm
<i>Tip length</i>	2.0/2.5/3.0/3.5mm
<i>Guide wire Compatibility</i>	Max. 0.035"
<i>Sheath Compatibility</i>	5F (ø3.0 – 5.0 mm) 6F (ø6.0 – 8.0mm) 7F (ø9.0 – 10.0mm)
<i>Shaft Length</i>	40, 70, 90, 150cm



Trift

PTA Balloon Catheter
Semi-Compliant 0.035 OTW

Trift

Semi-Compliant 0.035 OTW PTA

Average Burst Pressure

Balloon Dia.	Balloon Length											
	5mm	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	200mm
3.0												25.8atm
4.0								26.7atm				23.6atm
5.0								26.8atm				23.2atm
6.0												23.1atm
7.0												22.8atm
8.0											23.7atm	N/A
9.0										23.0atm	N/A	
10.0								22.6atm	N/A			



Trift

PTA Balloon Catheter
Semi-Compliant 0.035 OTW

Millau NC

Non-Compliant 0.035 OTW PTA

3;



Technical Specifications

<i>Catheter Type</i>	Over-the-Wire (OTW)	
<i>Balloon Diameters</i>	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	Baliono diametrai
<i>Balloon Lengths</i>	20, 30, 40, 60, 80, 100, 150	Baliono ilgiai
<i>Balloon Material</i>	Nylon	Baliono medžiaga - nailonas
<i>Nominal Pressure</i>	12 atm	
	22 atm (Ø3.0-4.0mm)	
<i>Rated Burst Pressure</i>	20 atm (Ø4.5-6.0mm)	
	18 atm (Ø7.0-10.0mm)	
	30 atm (Ø3.0-4.0mm)	
<i>Average Burst Pressure</i>	28 atm (Ø4.5-6.0mm)	
	26 atm (Ø7.0-10.0mm)	
<i>Compliance</i>	High Pressure Non-compliance	
<i>Balloon Pleats</i>	3 for Ø3.0-4.0mm, 5 for Ø5.0mm-10.0mm	
<i>Guide wire Compatibility</i>	Max. 0.035"	Metalinis pravedėjas
	5F (ø3.0-5.0mm)	
<i>Sheath Compatibility</i>	6F (ø6.0-8.0mm)	
	7F (ø9.0-10.0mm)	
<i>Shaft Length</i>	40,70, 90, 150cm	Kateterio ilgis



Millau NC

PTA Balloon Catheter

Non-Compliant 0.035 OTW

Millau NC

Non-Compliant 0.035 OTW PTA

Average Burst Pressure

NP: 12 atm; ABP: 26-30

Balloon Dia.	Balloon Length								
	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	150mm
3.0									
4.0									
5.0									
6.0									31atm
7.0									28atm
8.0									28atm
9.0								28atm	N/A
10.0							26atm	N/A	N/A



Millau NC

PTA Balloon Catheter

Non-Compliant 0.035 OTW

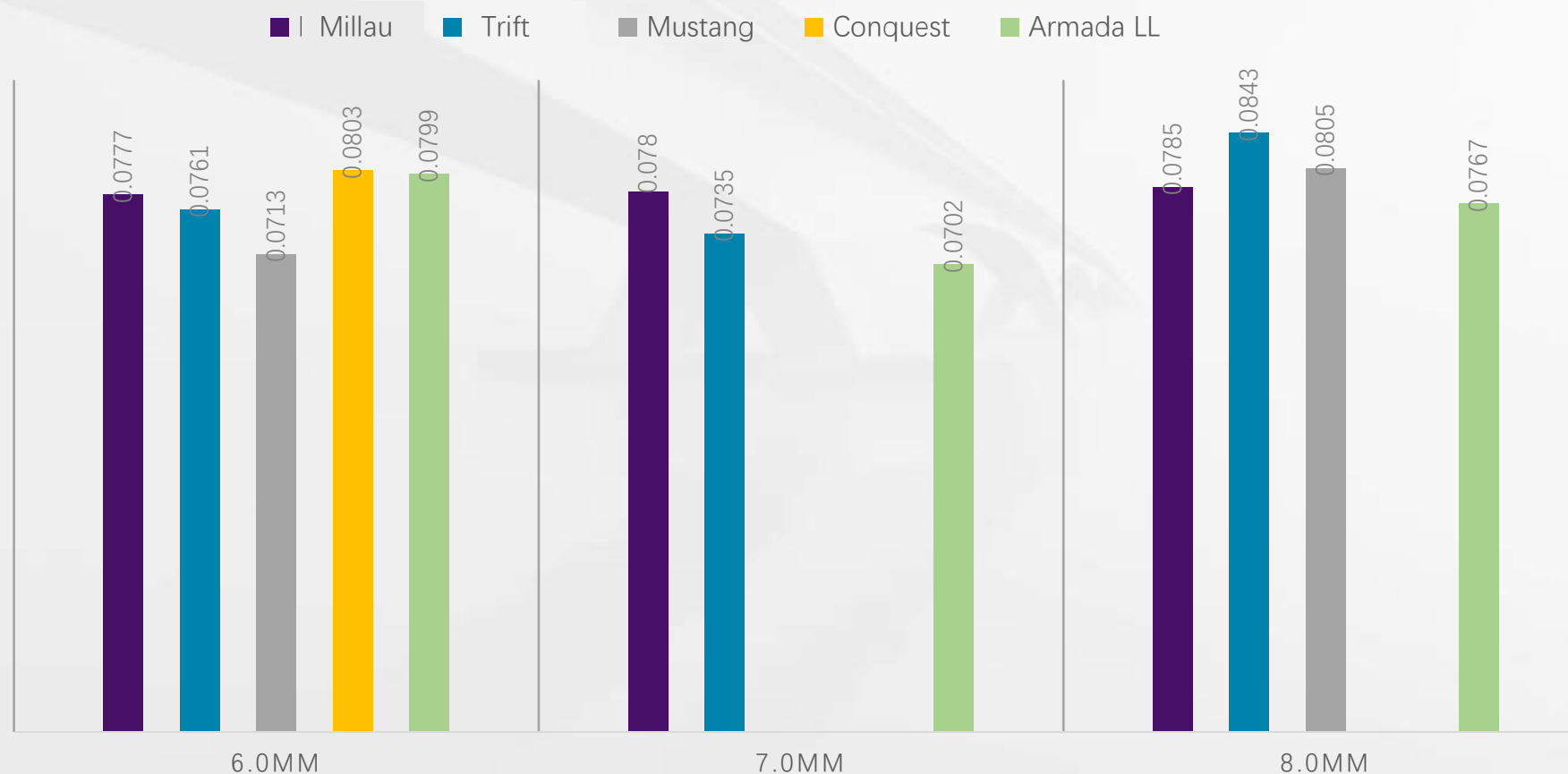
Trift

Semi-Compliant 0.035 OTW PTA

Millau NC

Non-Compliant 0.035 OTW PTA

BALLOON PROFILE



Note 1:

Armada 8.0x80 was tested
which RBP@13atm;
Mustang 8.0mm RBP@18atm;
Mustang 10.0mm RBP@14atm

Note 2:

Bench test results may not
necessarily be indicative of clinical
performance. Different tests may
yield different results

Trift

Semi-Compliant 0.035 OTW PTA

Millau NC

Non-Compliant 0.035 OTW PTA



Note 1:

Armada 8.0x80 was tested
which RBP@13atm;
Mustang 8.0mm RBP@18atm;
Mustang 10.0mm RBP@14atm

Note 2:

Bench test results may not
necessarily be indicative of clinical
performance. Different tests may
yield different results

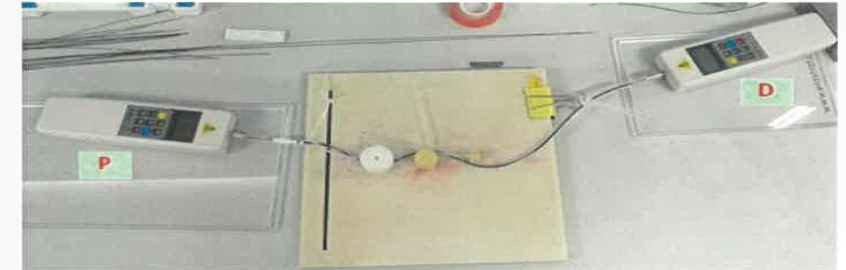
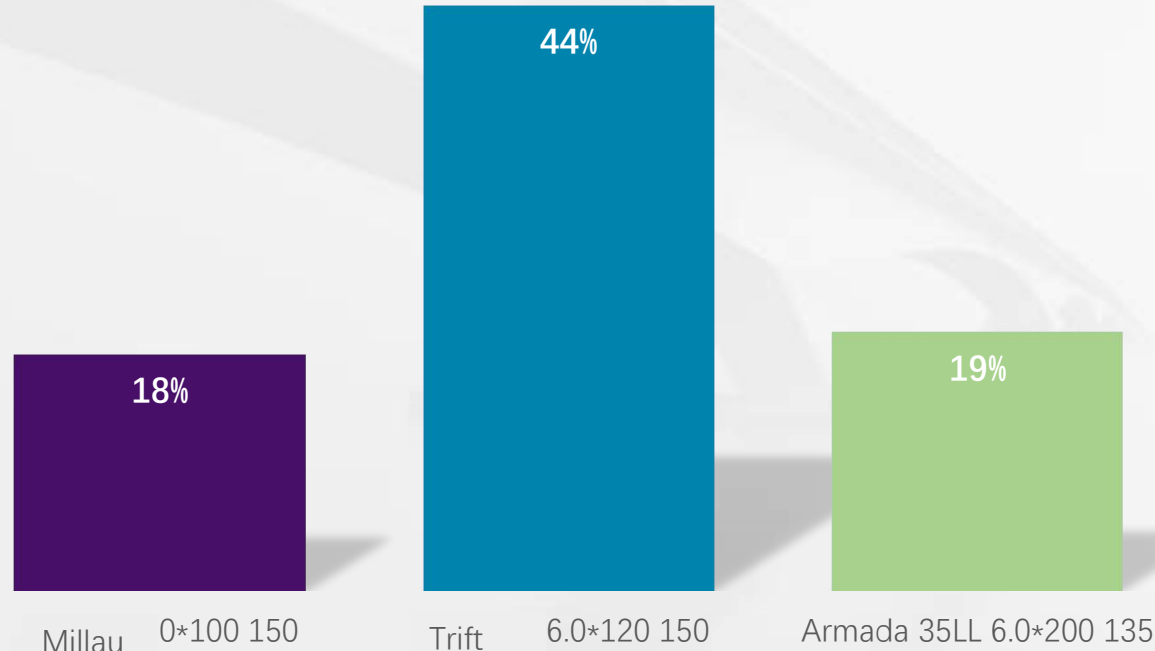
Trift

Semi-Compliant 0.035 OTW PTA

Millau NC

Non-Compliant 0.035 OTW PTA

Pushability Test



Balloon dilatation catheter were subjected the pushability test by use the track model figure1. The balloon catheter was load into the track fixture model, one force sensor mount on the proximal of catheter, the other force sensor mount on the exit end of the track fixture. The apply force on the proximal and the push force on the exit end of fixture was record, the pushability= push force/proximal force was calculate in this study



Trift	Semi-Compliant 0.035 OTW PTA
Millau NC	Non-Compliant 0.035 OTW PTA



Comparison with other Competitors

Company Name	Product Name	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Endhole (inch)	Shaft Length (cm)	Sheath Sizing Size (F)	Balloon Diameters (mm)	Balloon Lengths (cm)
cNovate	Trift [™]	6	14	0.035	70, 90, 150 (OTW)	5,6,7	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	20, 30, 40, 60, 80, 100, 120, 150
	Millau [™] NC	12	up to 22	0.035	70, 90, 150 (OTW)	4, 5, 6	3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	20, 30, 40, 60, 80, 100, 120, 150
Cook Medical	ATB Advance PTA Dilatation Catheter	4–6	Up to 15	0.035	40, 80, 120	5 (up to 6 X 60 mm), 6 (up to 8 X 40 mm), 7 (up to 12 X 40 mm), 8 (14 mm)	4, 5, 6, 7, 8, 9, 10, 12, 14	2, 3, 4, 6, 7, 8
Cordis, a Cardinal Health company	Maxi LD	–	5, 6	0.035	80, 110	8, 9, 10, 11, 12	14–25	4, 6, 8
	Powerflex Extreme	–	17, 20	0.035	40, 80	5, 6, 7, 9	4–10	2, 4, 6
	Powerflex Pro	–	8–18	0.035	80, 135	5, 6, 7	3–12	2, 3, 4, 6, 8, 10, 12, 15, 22
eucatech AG	Euca PW	8	Up to 14	0.035	85, 135	5–8	4, 5, 6, 7, 8, 9, 10, 12	2, 3, 4, 6, 8, 10, 12, 15, 17, 20
	Euca PWSV	8	Up to 19	0.018	85, 135, 150	4	2, 2.5, 3, 4, 5	2, 4, 6, 8, 12, 15
iVascular	Oceanus 14	7	16	0.014	100, 150	4	1.5, 2, 2.5, 3, 3.5, 4	40, 60, 80, 120, 150, 200
	Oceanus 35	6, 7	12, 13, 14, 15, 16	0.035	80, 140	5 (5–7 mm), 6 (7–10 mm), 7 (12 mm)	5, 6, 7, 8, 9, 10, 12	20, 40, 60, 80, 120, 150, 200
Medtronic	Admiral Xtreme OTW PTA Balloon Catheter	6, 8	Up to 18	0.035	80, 130	5–7	3, 4, 5, 6, 7, 8, 9, 10, 12	2, 4, 6, 8, 12, 15, 20, 25, 30
	EverCross 0.035 PTA Balloon	7, 8, 10	10, 11, 12, 14, 16, 18, 20	0.035	40, 80, 135	5, 6, 7	3, 4, 5, 6, 7, 8, 9, 10, 12	2, 3, 4, 6, 8, 10, 12, 15, 20
	Reef HP OTW PTA Balloon Catheter	10	18, 20, 22	0.035	50, 80, 120	5–7	4, 5, 6, 7, 8	2, 3, 4, 6, 8
Meril Life Sciences Pvt. Ltd.	Mozec PTA Balloon Dilatation Catheter	6, 7 (depending on balloon length and diameter)	11, 14 (depending on balloon length and diameter)	0.035	80 ± 2, 135 ± 2	5, 7 (depending on balloon length and diameter)	3, 4, 5, 6, 7, 8, 9, 10	2, 3, 4, 5, 6, 8, 12
Natec Medical Ltd	Ebony 0.035 OTW	6 (10–12 mm), 8 (3–9 mm)	10 (10–12 mm), 12 (8–9 mm), 13 (7 mm), 14 (5–6 mm)	0.035	80, 130, 150	5–7	3, 4, 5, 6, 7, 8, 9, 10, 12	2, 4, 6, 8, 10, 12, 15, 20

Peripheral Balloon Dilatation Catheter



Skinny

Semi-Compliant 0.018 OTW PTA



Erasmus NC

Non-Compliant 0.018 OTW PTA

Skinny

Semi-Compliant 0.018 OTW PTA

Technical Specifications

<i>Catheter Type</i>	Over-the-Wire (OTW)
<i>Balloon Diameters</i>	1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0
<i>Balloon Lengths</i>	5, 10, 15, 20, 30, 40, 60, 80, 100, 120, 150, 200
<i>Nominal Pressure</i>	6 atm
<i>Rated Burst Pressure</i>	14 atm
<i>Average Burst Pressure</i>	20 atm
<i>Compliance</i>	Semi-compliance
<i>Balloon Pleats</i>	3 for Ø1.5-4.0mm, 5 for Ø4.5mm-10.0mm
<i>Tip length</i>	2.0/2.5/3.0/3.5mm
<i>Guide wire Compatibility</i>	Max. 0.018"
<i>Sheath Compatibility</i>	4F(Ø1.5-4.0mm) 5F(Ø4.5-6.0mm) 6F(Ø7.0-9.0mm) 7F(Ø10.0mm)
<i>Shaft Length</i>	70, 90, 150cm



Skinny

PTA Balloon Catheter

Semi-compliant 0.018 OTW

Skinny

Semi-Compliant 0.018 OTW PTA



Sheath Compatibility

Sheath Compatibility		
Sheath Size	Before Change	After Change
4F	Ø1.5-4.0mmX5-200mm; Ø4.5-6.0mmX5-60mm	Ø1.5-4.0mm
5F	Ø4.5-6.0mmX80-200mm; Ø7.0X5-200mm	Ø4.5-6.0mm
6F	(Ø8.0-10.0mm)	Ø7.0-9.0mm
7F	Ø10.0mm	

Balloon Dia.	Balloon Length											
	5mm	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	200mm
1.5												
2.0												
2.5												
3.0												
3.5												
4.0												
4.5												
5.0												
5.5												
6.0												
7.0												
8.0												
9.0											N/A	
10.0									N/A			



Skinny

PTA Balloon Catheter

Semi-compliant 0.018 OTW

Skinny

Semi-Compliant 0.018 OTW PTA

Average Burst Pressure

Balloon Dia.	Balloon Length											
	5mm	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	200mm
1.5												
2.0												24.2atm
2.5												
3.0												25.8atm
3.5												
4.0								26.7atm				23.6atm
4.5												
5.0								26.8atm				23.2atm
5.5												
6.0												23.1atm
7.0												22.8atm
8.0											23.7atm	N/A
9.0										23.0atm	N/A	
10.0								22.6atm	N/A			



Skinny

PTA Balloon Catheter
Semi-compliant 0.018 OTW

Erasmus NC

Non-Compliant 0.018 OTW PTA



Technical Specifications

<i>Catheter Type</i>	Over-the-Wire (OTW)
<i>Balloon Diameters</i>	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0
<i>Balloon Lengths</i>	10, 15, 20, 30, 40, 60, 80, 100, 150
<i>Balloon Material</i>	Nylon
<i>Nominal Pressure</i>	12 atm
<i>Rated Burst Pressure</i>	22 atm (Ø2.0-4.0mm) 20 atm (Ø4.5-6.0mm) 18 atm (Ø7.0-8.0mm)
<i>Average Burst Pressure</i>	30 atm (Ø2.0-4.0mm) 28 atm (Ø4.5-6.0mm) 26 atm (Ø7.0-8.0mm)
<i>Compliance</i>	High Pressure Non-compliance
<i>Balloon Pleats</i>	3 for Ø2.0-4.0mm, 5 for Ø4.5mm-8.0mm
<i>Guide wire Compatibility</i>	Max. 0.018"
<i>Sheath Compatibility</i>	4F(ø2.0-4.0mm) 5F(ø4.5-5.5mm) 6F(ø6.0-8.0mm)
<i>Shaft Length</i>	70, 90, 150cm



Erasmus NC

PTA Balloon Catheter

Non-Compliant 0.018 OTW

Erasmus NC

Non-Compliant 0.018 OTW PTA



Sheath Compatibility

Sheath Compatibility		
Sheath Size	Before Change	After Change
4F	Ø2.0-4.0mm X 10-150mm; Ø4.5-6.0mm X 10-60mm	Ø2.0-4.0mm
5F	Ø4.5-6.0mm X 80-150mm	Ø4.5-5.5mm
6F	Ø8.0	Ø6.0-8.0mm

Balloon Dia.	Balloon Length								
	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	150mm
2.0									
2.5									
3.0									
3.5									
4.0									
4.5									
5.0									
5.5									
6.0									
7.0									
8.0									



Erasmus NC

PTA Balloon Catheter
Non-Compliant 0.018 OTW

Erasmus NC

Non-Compliant 0.018 OTW PTA

Average Burst Pressure

Balloon Dia.	Balloon Length								
	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	150mm
2.0									
2.5									
3.0									
3.5									
4.0									
4.5									
5.0									
5.5									X
6.0									31atm
7.0									28atm
8.0									28atm



Erasmus NC

PTA Balloon Catheter

Non-Compliant 0.018 OTW

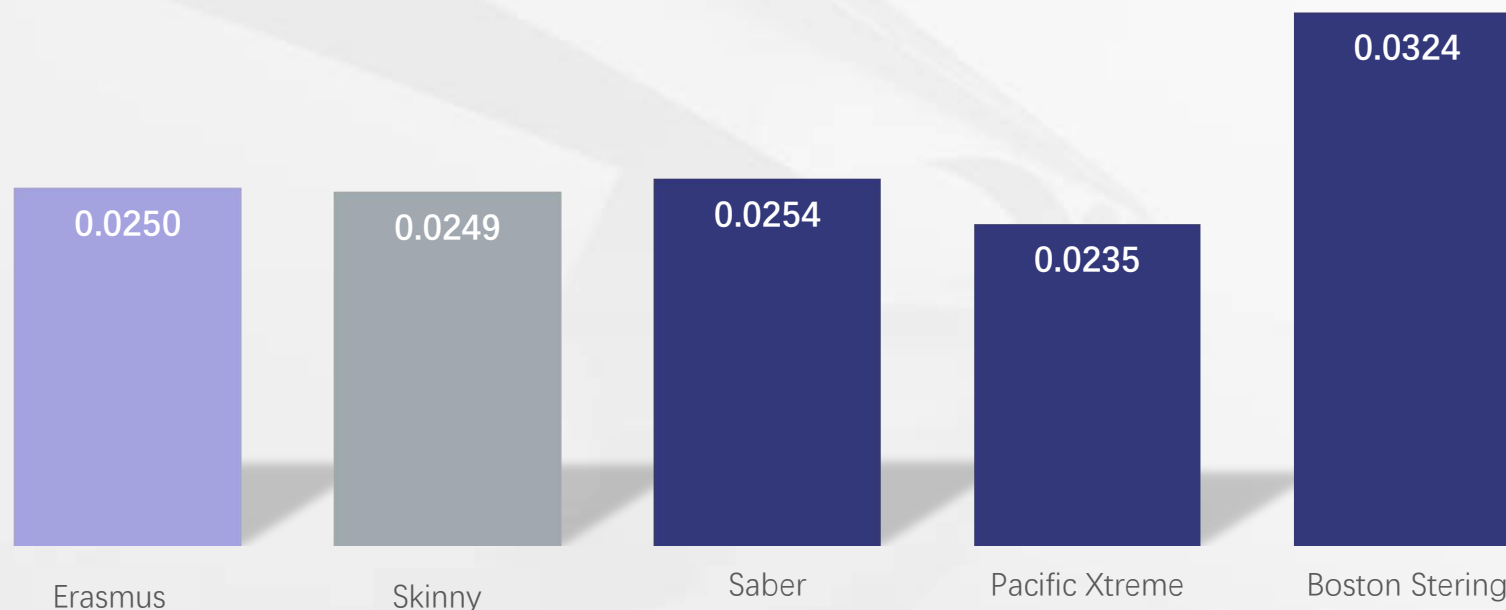
Skinny

Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA

Tip entry profile



Note:

Bench test results may not necessarily be indicative of clinical performance.

Different tests may yield different results

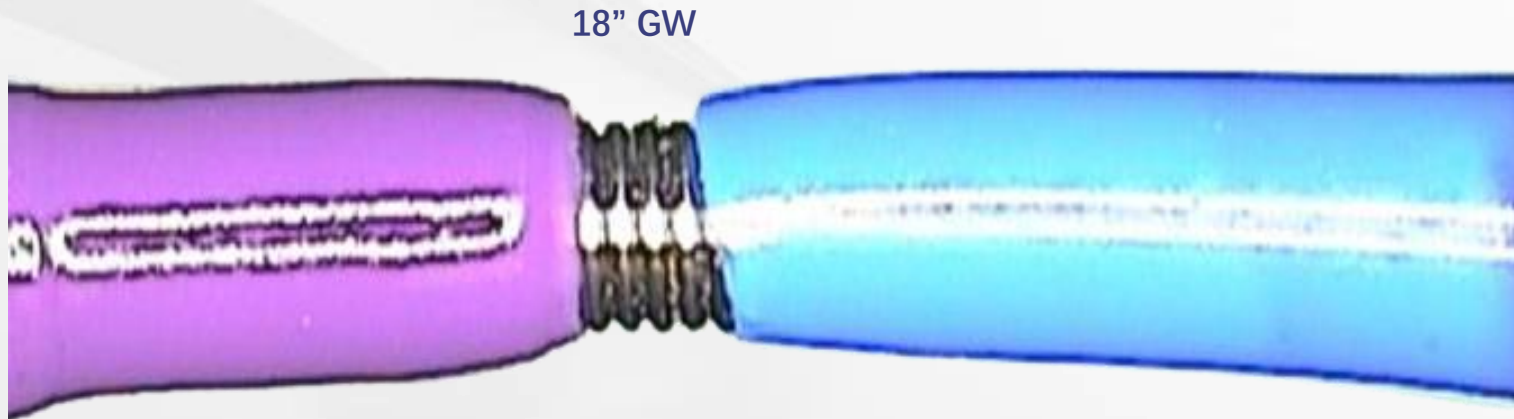
Skinny

Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA

Tip entry profile-- PTA



Erasmus PTA vs. Sterling PTA

Skinny

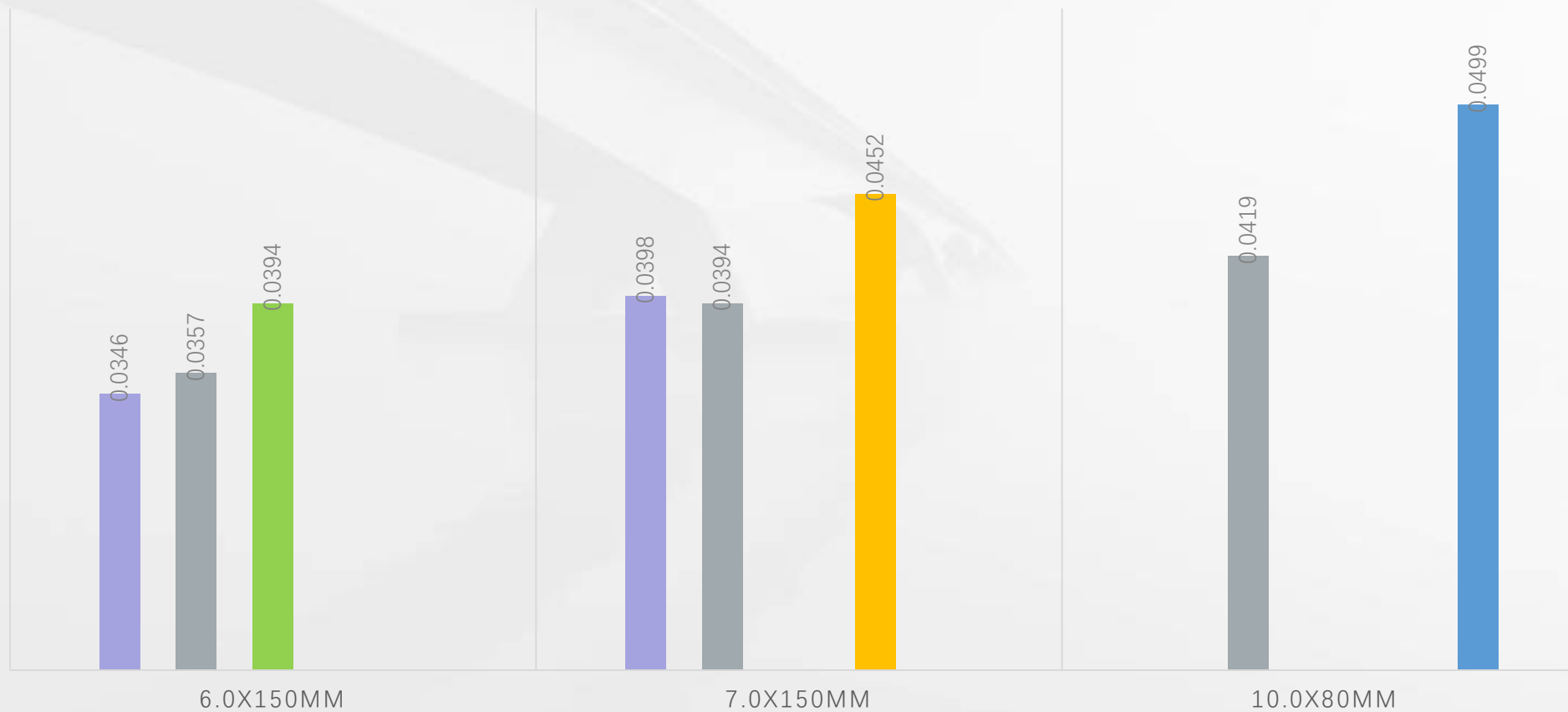
Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA

CROSSING PROFILE COMPARISON (INCH)

Erasmus | Skinny | Saber | Pacific Xtreme | Boston Stering



Skinny

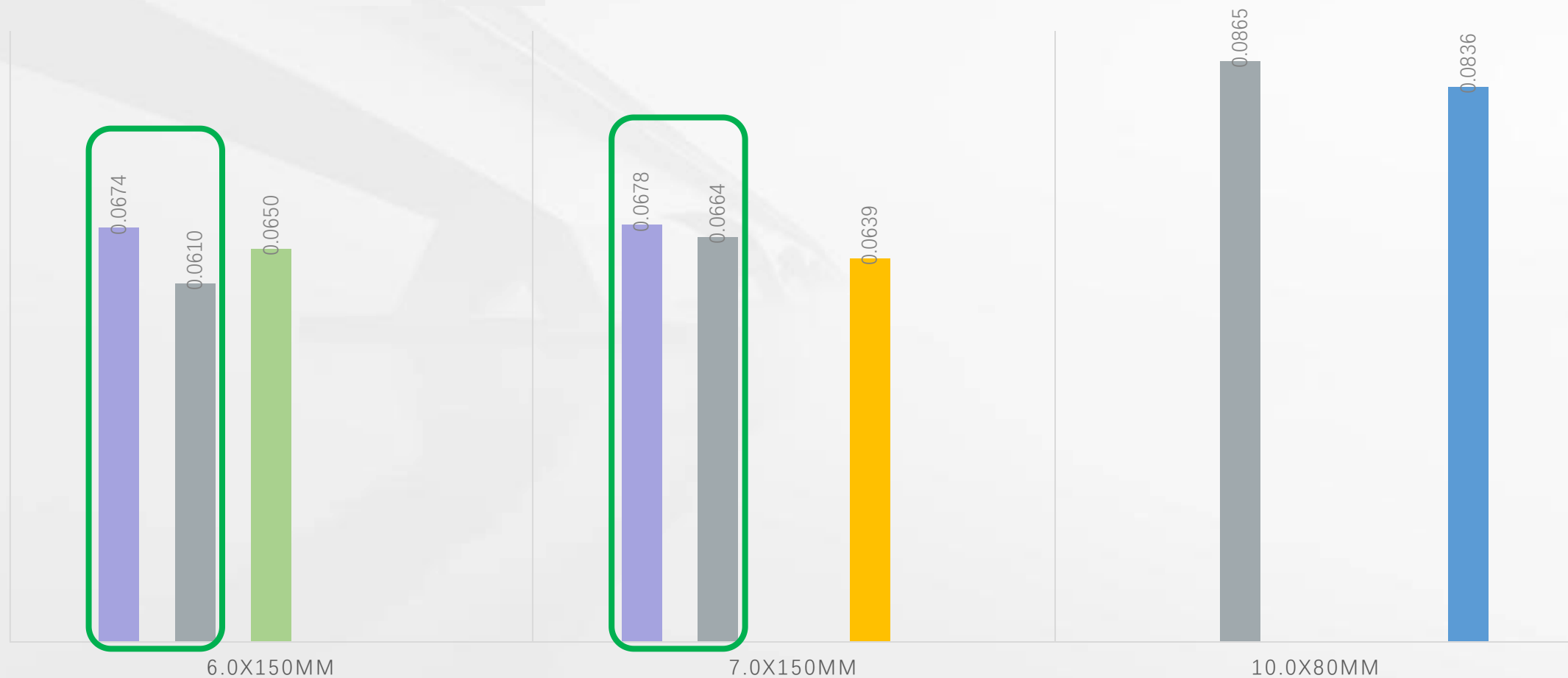
Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA

BALLOON PROFILE

Erasmus Skinny Saber Pacific Xtreme Boston Stering



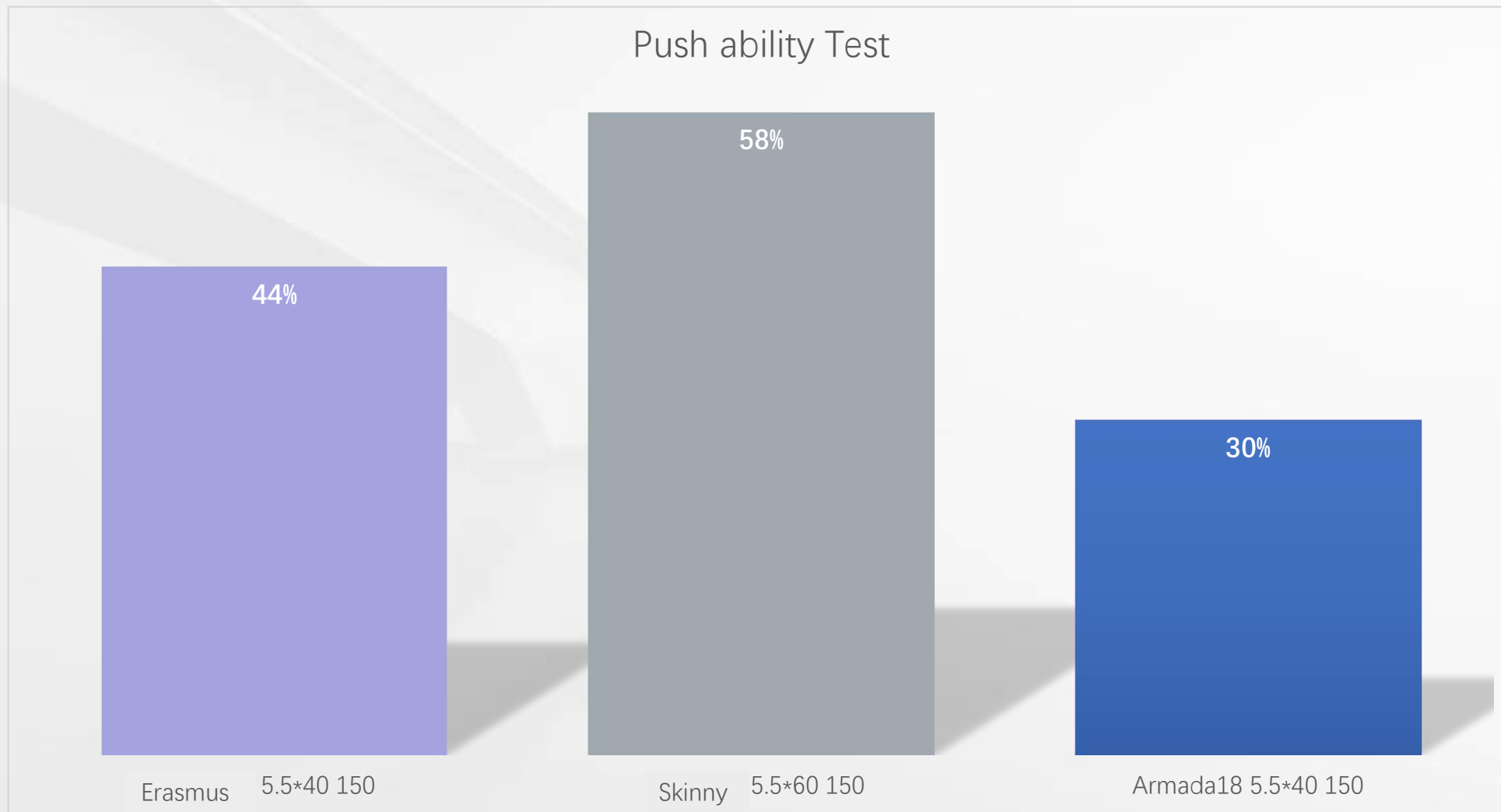
Skinny

Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA

Push ability Test



Skinny

Semi-Compliant 0.018 OTW PTA

Erasmus NC

Non-Compliant 0.018 OTW PTA



Comparison with other Competitors

Company Name	Product Name	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Endhole (inch)	Shaft Length (cm)	Sheath Sizing Size (F)	Balloon Diameters (mm)	Balloon Lengths (cm)
cNovate	Skinny™	6	14	0.018	70, 90, 150	4, 5, 6	1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0	0.5, 1, 1.5, 2, 3, 4, 6, 8, 10, 12, 15, 20
	Erasmus™ NC	12	up to 22	0.018	70, 90, 150	4, 5, 6	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0	1, 1.5, 2, 3, 4, 6, 8, 10, 15
Abbott Vascular	Fox sv	6, 8, 12	15, 16, 17, 18, 20, 22	0.018	90, 150	4	2, 2.5, 3, 4, 5, 6	1.5, 2, 3, 4, 6, 8, 10, 12
AngioScore, Inc.	AngioSculpt	8	Up to 16	0.018	50 (6 mm only), 90, 137	6	4, 5, 6	2, 4
B. Braun Interventional Systems, Inc.	Mini Ghost	Up to 10	Up to 20	0.018	40, 80	4	2-6	1, 2, 3, 4, 6, 8, 10
Bard Peripheral Vascular, Inc.	Ultraverse 018	6	Up to 16	0.018	75, 130, 150	4-6	2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 9	2, 4, 6, 8, 10, 12, 15, 22, 30
Biotronik	Passeo-18	6	12-15	0.018	90, 130, 150	4-5	2-7	20-200
Boston Scientific Corporation	Sterling Monorail PTA Balloon Dilatation Catheter	6	14 (3-7 mm), 12 (8 mm)	0.018	80, 135	4 (up to 8 X 4), 5 (up to 8 X 6)	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8	1, 1.5, 2, 3, 4, 6
	Sterling Over-the-Wire PTA Balloon Dilatation Catheter	6	14 (4-7 mm), 12 (8 mm), 10 (9-10 mm)	0.018	40, 80, 90, 135, 150	4 (up to 8 X 4), 5 (up to 10 X 4), 6 (up to 10 X 8)	2, 3, 4, 6, 8, 10, 12, 15, 20, 22	2, 3, 4, 6, 8, 10
	Sterling SL Monorail PTA Balloon Dilatation Catheter	6	14	0.018	90, 150	4	2, 2.5, 3, 3.5, 4	8, 10, 12, 15
	Sterling SL Over-the-Wire PTA Balloon Dilatation Catheter	6	14	0.018	90, 150	4	2, 2.5, 3, 3.5, 4	8, 10, 12, 15 (4-mm diameter on 90-cm shaft not available in 8- or 10-cm balloon lengths)
	Symmetry Balloon Catheter With Glidex Hydrophilic Coating	6	15	0.018	90, 135	4 (1.5-4 mm X 4 cm), 5 (4 mm X 10 cm-6 mm X 4 cm)	1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6	2, 4, 10
	Symmetry Stiff Shaft With Glidex Hydrophilic Coating Balloon Catheter	6	15	0.018	90, 135, 150	4 (1.5-4 mm X 4 cm), 5 (4 mm X 10 cm-6 mm X 4 cm)	1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6	2, 4, 10
	Peripheral Cutting Balloon	6	10	0.018	50, 90, 135	6 (5, 6 mm), 7 (7, 8 mm)	5, 6, 7, 8	2
Cook Medical	Advance 18LP Low Profile PTA Balloon Catheter	8	14	0.018	80, 135	4 (up to 7 X 10 mm), 5 (8 mm)	3, 4, 5, 6, 7, 8	2, 4, 6, 8, 10
Cordis Corporation	Savvy Long PTA Dilatation Catheter	6	15, 13, 12	0.018	120, 150	4-5	2, 2.5, 3, 3.5, 4, 5, 6	12, 15, 22
	Slalom PTA Dilatation Catheter	10 (3-6 mm), 8 (6-7 mm), 6 (8 mm)	14 (3-5 mm), 12 (6-7 mm), 10 (8 mm)	0.018	80, 120, 135	4-6	3-8	2, 4
	Savvy PTA Dilatation Catheter	8 (2-4 mm), 6 (4.5-6 mm)	10	0.018	80, 120, 150	4-5	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6	2-4, 6, 10
Covidien	PowerCross 0.018 PTA Balloon	8	14	0.018	90, 150	4, 5, 6	2, 2.5, 3, 4, 5, 6	2, 4, 6, 8, 10, 12, 15, 20
Medtronic, Inc.	Pacific Xtreme PTA Balloon Catheter	6	12, 14	0.018	90, 130	4, 5	4, 5, 6, 7	15, 20, 25, 30
	Pacific Plus	8	Up to 22	Up to 0.018	90, 130, 180	4, 5	2, 2.5, 3, 3.5, 4, 5, 6, 7	20, 40, 60, 80, 120, 150

Peripheral Balloon Dilatation Catheter



Zeeland

Semi-Compliant 0.014 OTW PTA



Rialto NC

Non-Compliant 0.014 OTW PTA

Zeeland

Semi-Compliant 0.014 OTW PTA

4;



Technical Specifications

Catheter Type	Over-the-Wire (OTW)	
Balloon Diameters	1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0	Baliono diametrai
Balloon Lengths	5, 10, 15, 20, 30, 40, 60, 80, 100, 120, 150, 200	Baliono ilgiai
Nominal Pressure	6 atm	Nominalinis spaudimas
Rated Burst Pressure	14 atm	
Average Burst Pressure	20 atm	
Compliance	Semi-compliance	
Balloon Pleats	3 for Ø1.5-4.0mm, 5 for Ø4.5mm-6.0mm	
Tip length	1.5/2.0/2.5/3.0/3.5mm	
Guide wire Compatibility	Max. 0.014"	Metalinis pravedėjas
Sheath Compatibility	4F(Ø1.5-4.0mm) 5F(Ø4.5-6.0mm)	
Shaft Length	70, 90, 150cm	Kateterio ilgis



Zeeland

PTA Balloon Catheter

Semi-Compliant 0.014 OTW

Rialto NC

Non-Compliant 0.014 OTW PTA



Technical Specifications

Catheter Type	Over-the-Wire (OTW)
Balloon Diameters	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0
Balloon Lengths	10, 15, 20, 30, 40, 60, 80, 100, 150
Balloon Material	Nylon
Nominal Pressure	12 atm
Rated Burst Pressure	22 atm (Ø2.0-4.0mm)
	20 atm (Ø4.5-6.0mm)
	18 atm (Ø7.0mm)
Average Burst Pressure	30 atm (Ø2.0-4.0mm)
	28 atm (Ø4.5-6.0mm)
	26 atm (Ø7.0mm)
Compliance	High Pressure Non-compliance
Balloon Pleats	3 for Ø2.0-4.0mm, 5 for Ø4.5mm-7.0mm
Guide wire Compatibility	Max. 0.014"
Sheath Compatibility	4F (ø2.0-4.0mm)
	5F (ø4.5-6.0mm)
	6F (ø7.0mm)
Shaft Length	70, 90, 150cm



Rialto NC

PTA Balloon Catheter

Non-Compliant 0.014 OTW

Rialto NC

Non-Compliant 0.014 OTW PTA



Sheath Compatibility

Sheath Compatibility		
Sheath Size	Before Change	After Change
4F	Ø2.0-5.0mm	Ø2.0-4.0mm
5F	Ø4.5-6.0mm	Ø4.5-6.0mm
6F	Ø7.0mm	Ø7.0mm

Balloon Dia.	Balloon Length								
	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	150mm
2.0	X	X	X	X	X	X	X	X	X
2.5	X	X	X	X	X	X	X	X	X
3.0	X	X	X	X	X	X	X	X	X
3.5	X	X	X	X	X	X	X	X	X
4.0	X	X	X	X	X	X	X	X	X
4.5	X	X	X	X	X	X	X	X	X
5.0	X	X	X	X	X	X	X	X	X
5.5	X	X	X	X	X	X	X	X	X
6.0	X	X	X	X	X	X	X	X	X
7.0	X	X	X	X	X	X	X	X	X



Rialto NC

PTA Balloon Catheter


Non-Compliant 0.014 OTW

Rialto NC

Non-Compliant 0.014 OTW PTA

Average Burst Pressure

NP: 12 atm; ABP: 26-30 atm

Balloon Dia.	Balloon Length								
	10mm	15mm	20mm	30mm	40mm	60mm	80mm	100mm	150mm
2.0									
2.5									
3.0									
3.5									
4.0									
4.5									
5.0									
5.5									
6.0									31atm
7.0									28atm



Rialto NC

PTA Balloon Catheter

Non-Compliant 0.014 OTW

Zeeland

Semi-Compliant 0.014 OTW PTA

Technical Specifications

<i>Catheter Type</i>	Over-the-Wire (OTW)
<i>Balloon Diameters</i>	1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0
<i>Balloon Lengths</i>	5, 10, 15, 20, 30, 40, 60, 80, 100, 120, 150, 200
<i>Nominal Pressure</i>	6 atm
<i>Rated Burst Pressure</i>	14 atm
<i>Average Burst Pressure</i>	20 atm
<i>Compliance</i>	Semi-compliance
<i>Balloon Pleats</i>	3 for Ø1.5-4.0mm, 5 for Ø4.5mm-6.0mm
<i>Tip length</i>	1.5/2.0/2.5/3.0/3.5mm
<i>Guide wire Compatibility</i>	Max. 0.014"
<i>Sheath Compatibility</i>	4F(Ø1.5-4.0mm) 5F(Ø4.5-6.0mm)
<i>Shaft Length</i>	70, 90, 150cm



Zeeland

PTA Balloon Catheter

Semi-Compliant 0.014 OTW

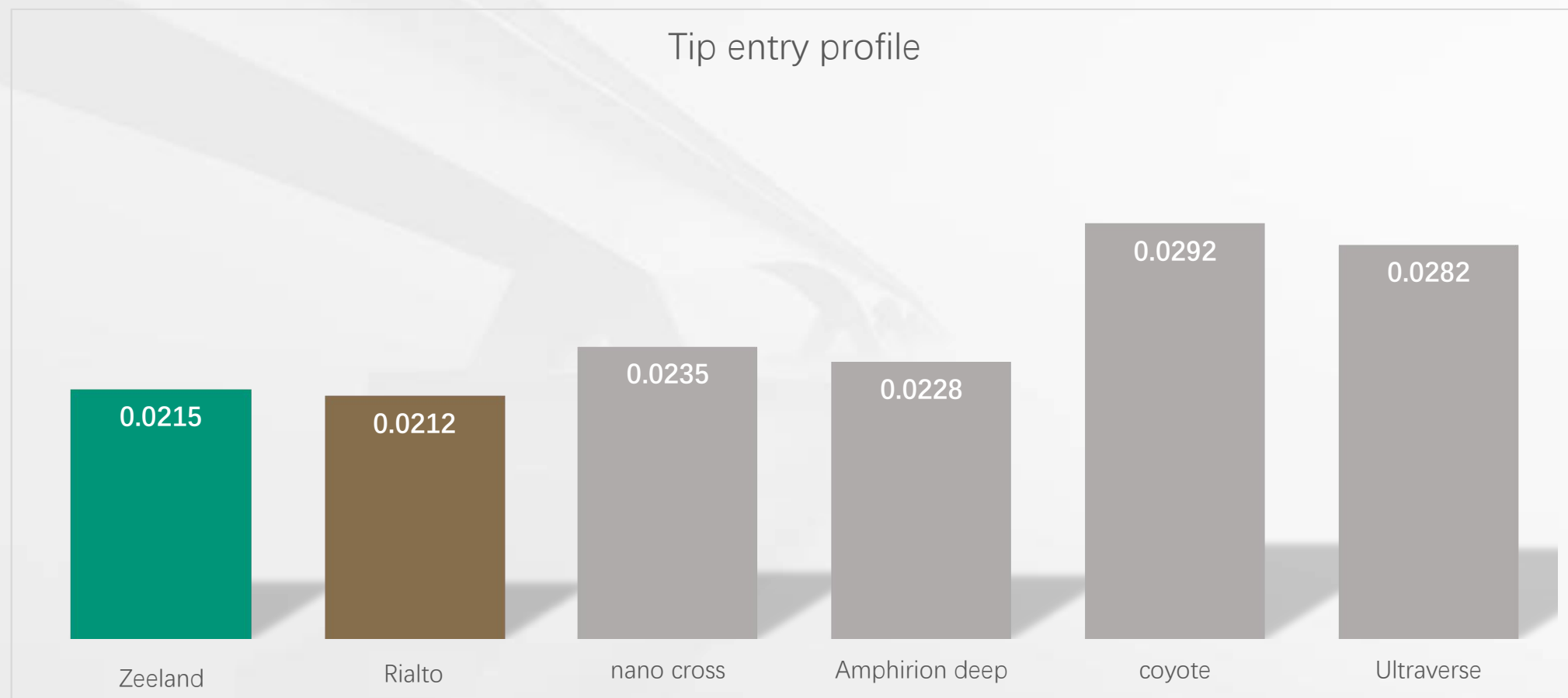
Zeeland

Semi-Compliant 0.014 OTW PTA

Rialto NC

Non-Compliant 0.014 OTW PTA

Tip entry profile



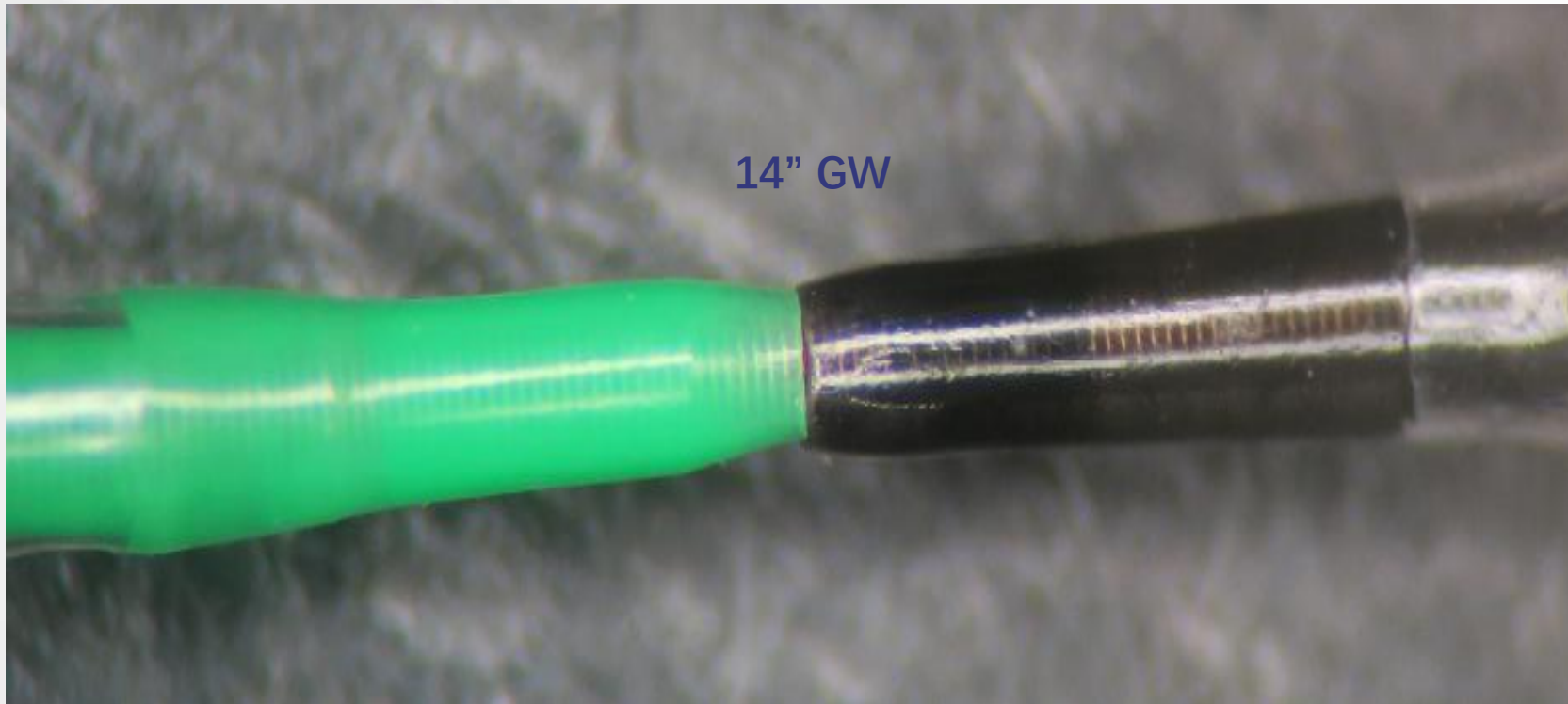
Zeeland

Semi-Compliant 0.014 OTW PTA

Rialto NC

Non-Compliant 0.014 OTW PTA

Tip entry profile-- PTA



Rialto PTA vs. Amphirion deep

Zeeland

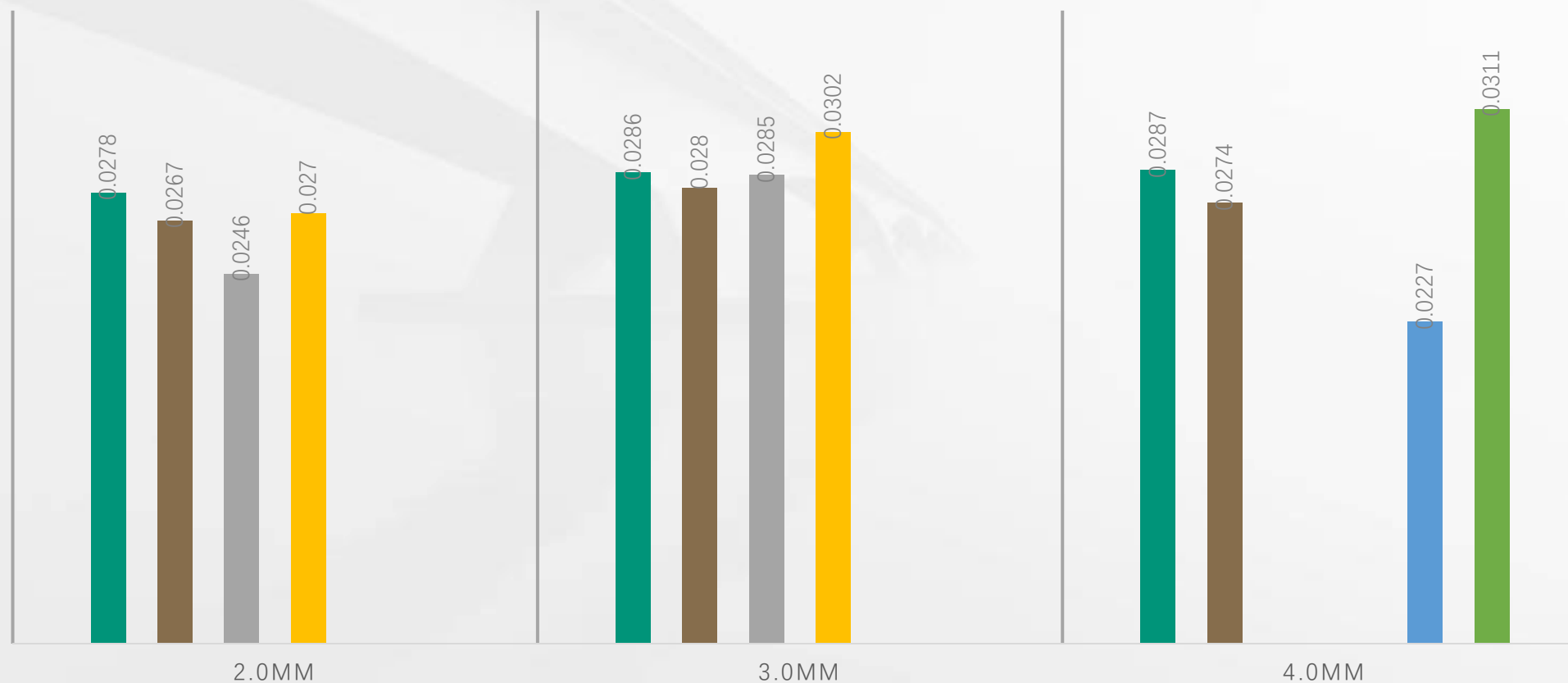
Semi-Compliant 0.014 OTW PTA

Rialto NC

Non-Compliant 0.014 OTW PTA

CROSSING PROFILE COMPARISON (INCH)

Zeeland Rialto nano cross Amphirion deep coyote Ultraverse



Zeeland

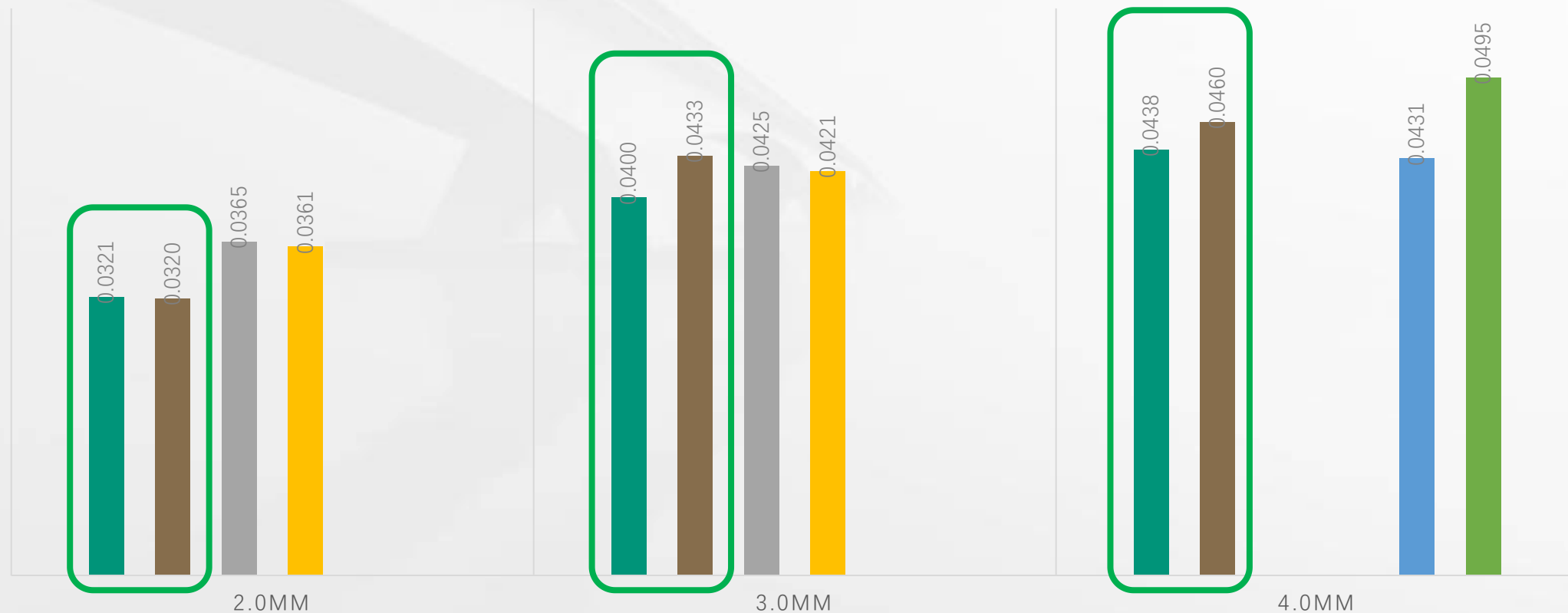
Semi-Compliant 0.014 OTW PTA

Rialto NC

Non-Compliant 0.014 OTW PTA

BALLOON PROFILE

■ Zeeland ■ Rialto ■ nano cross ■ Amphirion deep ■ coyote ■ Ultraverse



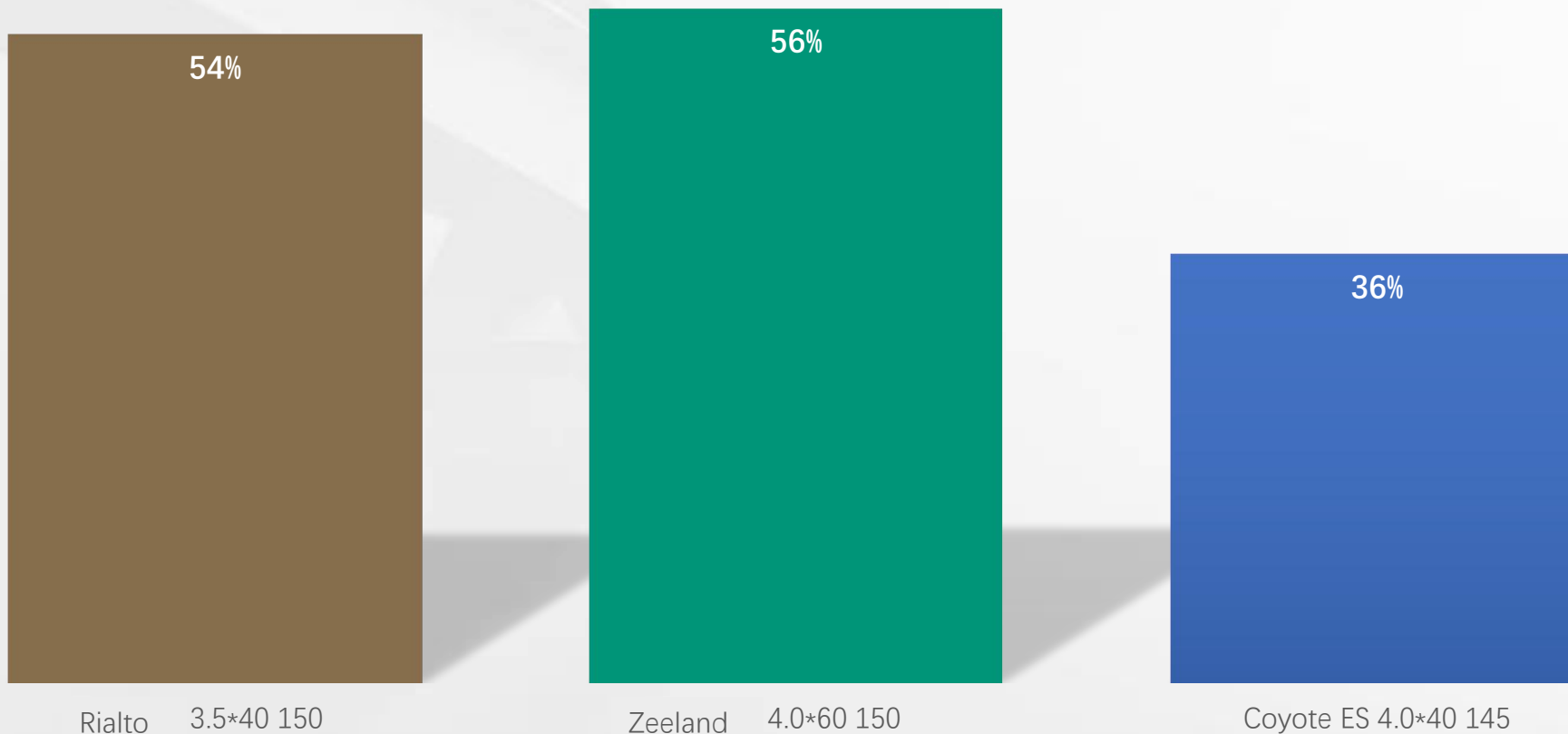
Zeeland

Semi-Compliant 0.014 OTW PTA

Rialto NC

Non-Compliant 0.014 OTW PTA

Push Ability Test



Zeeland	Semi-Compliant 0.014 OTW PTA
Rialto NC	Non-Compliant 0.014 OTW PTA



Comparison with other Competitors

Company Name	Product Name	Nominal Pressure (atm)	Rated Burst Pressure (atm)	Endhole (inch)	Shaft Length (cm)	Sheath Sizing Size (F)	Balloon Diameters (mm)	Balloon Lengths (cm)
cNovate	Zeeland ™	6	14	0.014	70, 90, 150 (OTW);	4, 5	1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0	0.5, 1, 1.5, 2, 3, 4, 6, 8, 10, 12, 15, 20
	Rialto ™ NC	12	up to 22	0.014	70, 90, 150 (OTW);	4, 5, 6	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0	1, 1.5, 2, 3, 4, 6, 8, 10, 15
Abbott Vascular	Armada 14 PTA Catheter	8	14	0.014	90, 150	4	1.5, 2, 2.5, 3, 4	2, 4, 6, 8, 12, 20
	Armada 14 XT PTA Catheter	8	14	0.014	145	4	1.2, 1.5, 2.0	1.2, 2
	RX Viatrac 14 Plus Peripheral Dilatation Catheter	8	14	0.014	80, 135	4, 5	4, 4.5, 5, 5.5, 6, 6.5, 7	1.5, 2, 3, 4
AngioScore, Inc.	AngioSculpt	8	Up to 20	0.014	137, 155	5	2, 2.5, 3, 3.5	1 (2-mm only), 2, 4
AngioScore, Inc.	AngioSculpt XL	8	14	0.014	90, 137, 155	6	2, 2.5, 3, 3.5, 4, 5, 6	10
Bard Peripheral Vascular, Inc.	Ultraverse 014	6	Up to 16	0.014	150	4-5	1.5, 2, 2.5, 3, 3.5, 4, 5	2, 4, 8, 10, 12, 15, 22, 30
	Ultraverse RX	6	Up to 16	0.014	150, 200	4-5	1.25, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7	1.5, 2, 4, 6, 8, 10, 12, 15, 20, 25, 30
	VascuTrak	6, 8	12	0.014 (2-3.5 mm), 0.018 (4-7 mm)	80, 140	5-7	2, 2.5, 3, 3.5, 4, 5, 6, 7	2, 4, 6, 8, 10, 12, 15, 20, 25, 30
Boston Scientific Corporation	Coyote Balloon Catheter (OTW)	8	14	0.014	90, 150	4	1.5, 2, 2.5, 3, 3.5, 4	4 (on 1.5 mm only); 6, 8, 10, 12, 15, 22
	Coyote Balloon Catheter (Monorail)	8	14	0.014	90, 150	4	1.5, 2, 2.5, 3, 3.5, 4	4 (on 1.5 mm only); 6, 8, 10, 12, 15, 22
	Coyote ES Monorail PTA Balloon Dilatation Catheter	6	14 (1.5-3 mm), 12 (3.5-4 mm)	0.014	142-146	4	1.5, 2, 2.5, 3, 3.5, 4	2, 3, 4
	Coyote ES Over-the-Wire PTA Balloon Dilatation Catheter	6	14 (1.5-3 mm), 12 (3.5-4 mm)	0.014	142-146	4	1.5, 2, 2.5, 3, 3.5, 4	2, 3, 4
	Small Peripheral Cutting Balloon (Monorail)	6	12	0.014	140	6	2, 2.5, 3, 3.5, 4	1.5
	Small Peripheral Cutting Balloon (Over-the-Wire)	6	12	0.014	140	6	2, 2.5, 3, 3.5, 4	1.5
Cook Medical	Advance Micro 14	8	16	0.014	50, 90, 150	3	1.5, 2, 2.5, 3	2, 3, 4, 6, 8, 10, 12
	Advance 14LP Low Profile PTA Balloon Catheter	8	16	0.014	110, 170	4	2, 2.5, 3, 4	2, 4, 6, 8, 12, 16, 20
Cordis Corporation	Sleek OTW PTA Dilatation Catheter	6	13-16	0.014	150	4	1.25-5	1.5-28
	Sleek RX PTA Dilatation Catheter	6	15, 16	0.014	150, 155	4	2, 2.5, 3, 3.5, 4	4, 8, 10, 12, 15, 22
	Aviator Plus PTA Dilatation Catheter	10	14	0.014	142	4 (4-6 mm), 5 (7 mm)	4, 4.5, 5, 5.5, 6, 7	1.5, 2, 3, 4
Covidien	NanoCross 0.014 PTA Balloon	10, 8, 7	14	0.014	90, 150	4	1.5, 2, 2.5, 3, 3.5, 4	2, 4, 8, 12, 15, 21
	RapidCross RX PTA Balloon Dilation Catheter	8	14	0.014	90, 170	4	1.5, 2, 2.5, 3, 3.5, 4	2, 4, 6, 8, 10, 12, 15, 21
Medtronic, Inc.	Amphirion Deep OTW PTA Balloon Catheter	7	14	0.014	120, 150	4	1.5, 2, 2.5, 3, 3.5, 4	2, 4, 8, 12, 15, 21
	Amphirion Plus OTW PTA Catheter	10	20	0.014	100, 150	4	2, 2.5, 3, 3.5, 4	14, 30, 60, 80, 120



Thank You!