SLTL® Group

Designed to Perform



Vector®

PTCA Balloon Catheter

CE 0297

THE INTUITIVE TECHNOLOGY

SLTL pursues an easy-to-use "Advanced features" by adopting world's ahead laser technologies for manufacturing of Vector PTCA Balloon Catheter, It is an all polyamide balloon construction that runs on low friction technology.

AN UNQUESTIONED DESIGN

It is a design vision that adds panache in Vector features. It is an inspired collection of fine points that makes an impressive stance while performing.

- Low balloon profile with excellent rewrap
- Tapered tip with low entry profile
- Elongated 4mm tip for distal stability & guidewire support
- PTFE coated proximal shaft for easy navigation
- Optimal Trackability and Pushability



TECHNICAL SPECIFICATION

Balloon Material	Polyamide Co Polymer
Entry Profile	0.016"
Distal Shaft	2.6 F
Rapid Exchange Length	25 cm
Usable Length	145 cm
Guide Wire Compatibility	0.014"
Guide Catheter Compatibility	5F
Balloon Fold	Trifold
Marker	Platinum-Iridium Marker Bands
Balloon Profile	0.72mm (3 mm)
Balloon Diameter	1.0 to 4.5 mm
Balloon Length	7.0 to 45.0 mm
Nominal Pressure	6 Bar
Rate Burst Pressure	16/14 Bar

AN EXEMPLARY SAFETY

SLTL takes great pride in providing advanced compatibility engineering for minimizing injuries to occupants . It is a design idiom, compatible materials and exquisite workmanship that provides the confident path towards the high level of suitability

In -Hospital MACE *

Death: **0**
Cardiac death: **0**
Non-cardiac: **0** death

0.98%
n (%)
(N=102)

0 :Arrhythmia
0 :Thrombosis
0 :TLR

1
(0.98%)
Myocardial Infraction

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Average Inflation Time*



Average Deflation Time*

A PERFORMANCE EFFICIENCY

SLTL believes that Vector is a "Laser fast" . It goes beyond the conventional expectation of PTCA balloon catheter with it's ingenious features. Vector enables you to achieve unimaginable , with it's cutting edge performance.

Trackability	4.2*
Pushability	4.1*
Crossability	4.5*
Inflation time	4.4*
Deflation time	4.3*
Balloon Retrieval	4.2*

* Average based on physician score on a scale of 1 to 5 , where 1 = Poor and 5 = Excellent

Device Procedural Success*

Successful delivery
Successful inflation
Successful deflation

100%

n (%)
Success (N=109)

TIMI flow 3
Safe removal
Successful removal

Device Procedural Failure

Failure to cross lesion
Balloon burst
Vessel perforation

0%

n (%)
Failure (N=109)

Reduction in TIMI flow
Flow limiting dissection

* Data on file, SLTL Group

ORDERING INFORMATION:

Length (mm)	Diameter (mm)										
	1.00	1.25	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50
07	VC 0710	VC 0712	VC 0715	VC 0720	VC 0722	VC 0725	VC 0727	VC 0730	VC 0735	VC 0740	VC 0745
10	VC 1010	VC 1012	VC 1015	VC 1020	VC 1022	VC 1025	VC 1027	VC 1030	VC 1035	VC 1040	VC 1045
12	VC 1210	VC 1212	VC 1215	VC 1220	VC 1222	VC 1225	VC 1227	VC 1230	VC 1235	VC 1240	VC 1245
14	VC 1410	VC 1412	VC 1415	VC 1420	VC 1422	VC 1425	VC 1427	VC 1430	VC 1435	VC 1440	VC 1445
16	VC 1610	VC 1612	VC 1615	VC 1620	VC 1622	VC 1625	VC 1627	VC 1630	VC 1635	VC 1640	VC 1645
18	VC 1810	VC 1812	VC 1815	VC 1820	VC 1822	VC 1825	VC 1827	VC 1830	VC 1835	VC 1840	VC 1845
20	VC 2010	VC 2012	VC 2015	VC 2020	VC 2022	VC 2025	VC 2027	VC 2030	VC 2035	VC 2040	VC 2045
25	VC 2510	VC 2512	VC 2515	VC 2520	VC 2522	VC 2525	VC 2527	VC 2530	VC 2535	VC 2540	VC 2545
29	VC 2910	VC 2912	VC 2915	VC 2920	VC 2922	VC 2925	VC 2927	VC 2930	VC 2935	VC 2940	VC 2945
34	VC 3410	VC 3412	VC 3415	VC 3420	VC 3422	VC 3425	VC 3427	VC 3430	VC 3435	VC 3440	VC 3445
39	VC 3910	VC 3912	VC 3915	VC 3920	VC 3922	VC 3925	VC 3927	VC 3930	VC 3935	VC 3940	VC 3945
43	VC 4310	VC 4312	VC 4315	VC 4320	VC 4322	VC 4325	VC 4327	VC 4330	VC 4335	VC 4340	VC 4345
45	VC 4510	VC 4512	VC 4515	VC 4520	VC 4522	VC 4525	VC 4527	VC 4530	VC 4535	VC 4540	VC 4545

COMPLIANCE CHART:

Pressure (atm)	Diameters (mm)										
	1.00	1.25	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50
2	0.86	0.98	1.35	1.83	1.95	2.23	2.47	2.72	3.25	3.75	4.30
4	0.95	1.18	1.45	1.92	2.15	2.37	2.61	2.86	3.38	3.88	4.42
6	1.00	1.25	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50
8	1.02	1.28	1.55	2.05	2.30	2.55	2.84	3.09	3.61	4.12	4.57
9	1.03	1.30	1.57	2.07	2.32	2.60	2.86	3.13	3.66	4.18	4.64
10	1.04	1.32	1.58	2.10	2.35	2.65	2.89	3.16	3.71	4.23	4.71
11	1.06	1.33	1.59	2.12	2.37	2.67	2.91	3.19	3.75	4.29	4.77
12	1.07	1.34	1.60	2.14	2.40	2.69	2.94	3.21	3.78	4.32	4.82
13	1.08	1.37	1.61	2.15	2.42	2.71	2.96	3.23	3.82	4.34	4.89
14	1.09	1.38	1.62	2.17	2.45	2.73	2.99	3.26	3.85	4.38	4.95
15	1.10	1.39	1.64	2.19	2.47	2.74	3.00	3.28	3.86	4.39	4.99
16	1.11	1.40	1.65	2.20	2.49	2.76	3.02	3.30	3.87	4.40	5.03
17	1.12	1.41	1.66	2.21	2.51	2.77	3.03	3.32	3.88	4.41	5.05
18	1.14	1.42	1.68	2.23	2.53	2.79	3.05	3.34	3.89	4.42	5.07

Nominal Pressure Rated Burst Pressure

*1 atm =1.01 Bar = 101.33Kpa

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