

A detailed illustration of a bird, possibly a swallow, in flight against a background of a blue sky with white clouds. The bird has brown upperparts and a white underbelly, with its wings spread wide.

Go High With Control

Impeller

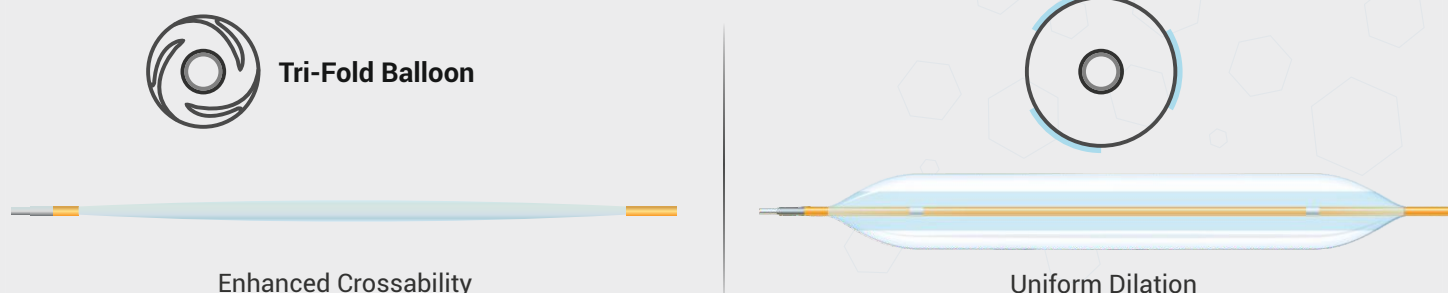
Rx PTCA Balloon Catheter

IMPROVED CROSSABILITY & TRACKABILITY

Impeller is specifically engineered for crossing most difficult lesions with crossing profile of 0.027", it also provides superior tracking through tortuous anatomy of vessel with average requirement of only 1.25N Force.

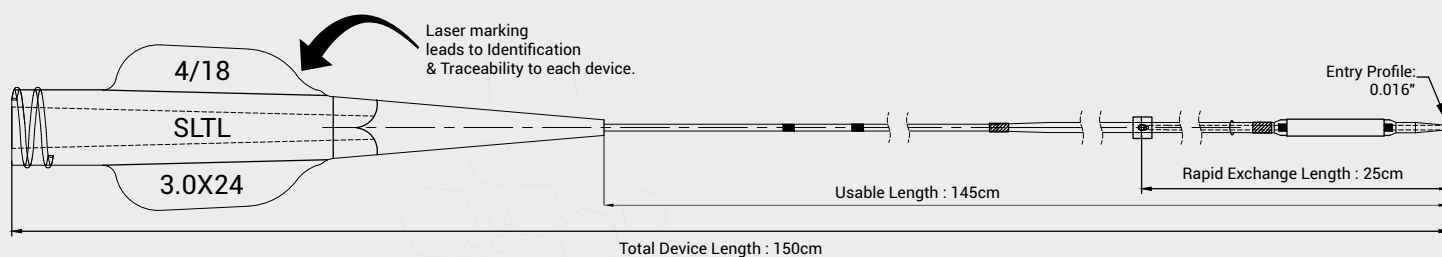
UNIFORM BALLOON DILATION & REWRAP

Tri-fold balloon technology provides low profile for easy lesion crossing with unique blend of balloon material which provides precise folding & uniform dilation.



OPTIMUM IDENTIFICATION AND TRACEABILITY

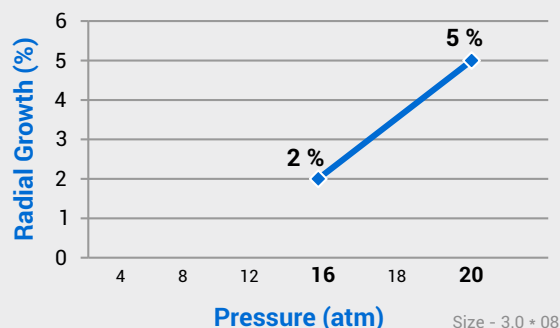
- On Hub Laser Marking for accurate identification & traceability of device after implant
- Bubbles or fluid in the lumen can be easily seen because to the clear hub.



TECHNICAL INFORMATION :

Nominal Pressure 14 ATM		Effective Length 145 cm	Average Inflation / Deflation Time 5 Sec	Balloon Folding Tri-fold
Rated Burst Pressure 20 ATM		Marker Band Platinum / Iridium 90:10	Proximal Shaft Diameter 1.9 F	
Lumen Inner Diameter 0.014"		Proximal Shaft PTFE Coated	Crossing Profile 0.7mm	
Tip Entry Profile 0.016"		Elongated Tip Length 3±1 mm	Distal Shaft Diameter 2.6 F	

MORE CONTROLLED GROWTH FROM NOMINAL PRESSURE(NP) TO RATED BURST PRESSURE (RBP)



* Bench test measured growth at Nominal Pressure & Rated burst pressure

- Lowest compliance & controlled growth avoid dog bone effect
- Impeller Rx PTCA Balloon Catheter is designed for controlled balloon growth at high RBP
- Reduced unwanted vessel expansion
- Exhibits only 2% growth at 16 atm (Nominal Pressure) & 5 % growth at 20 atm (Rated Burst Pressure)
- Shorter inflation / deflation time

MINIMUM PROFILE AND MAXIMUM PUSH

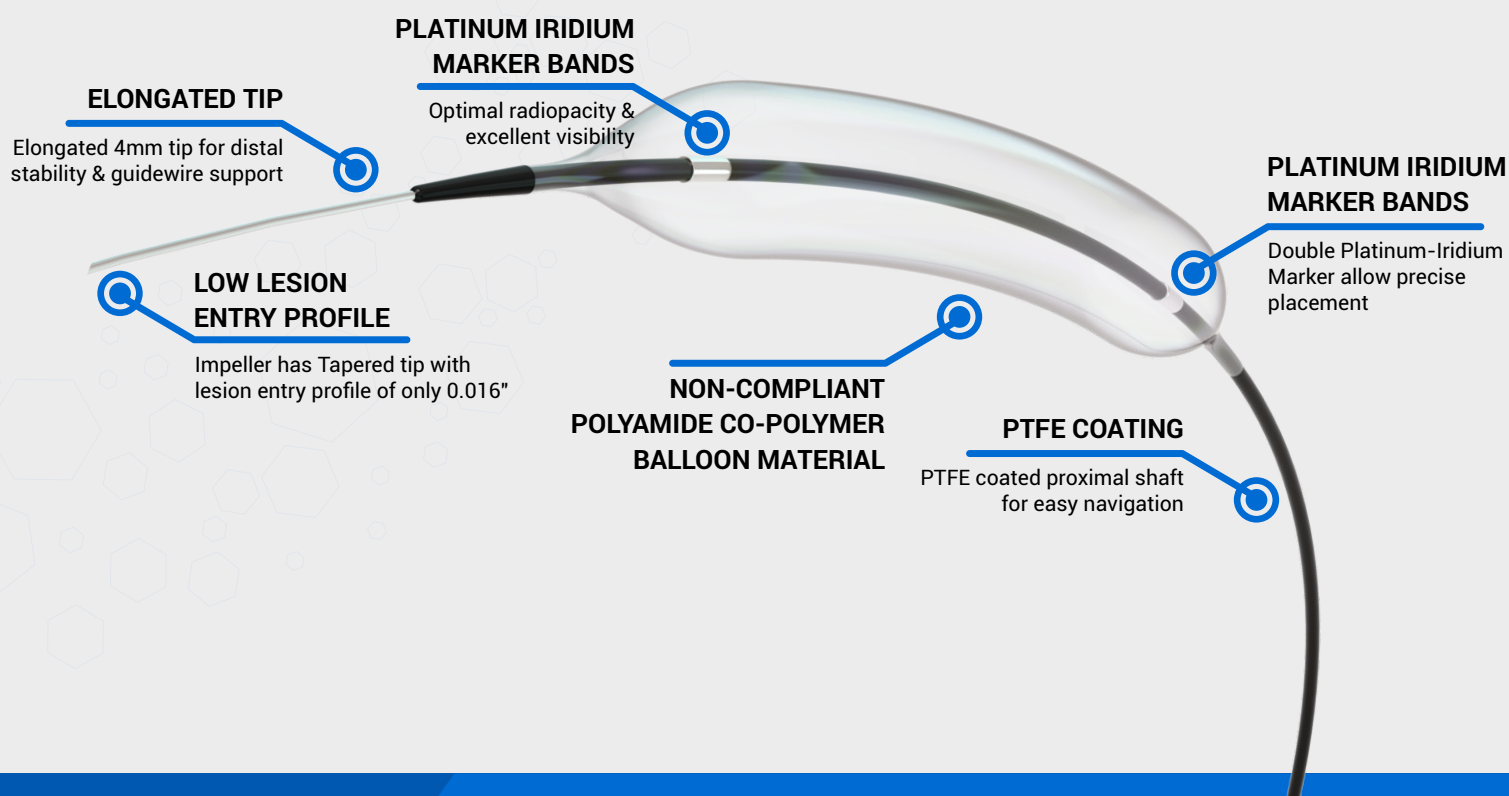
Impeller has elongated 4mm tapered tip with entry profile of only 0.016" and a kink-resistant PTFE coated proximal shaft which provides excellent pushability

ENHANCED DURABILITY AND FLEXIBILITY

Unique Blend of balloon material provides high-pressure capability and a low growth profile
- Reinflates to RBP up to 20 times without bursting

IMPELLER NON COMPLIANT Rx PTCA BALLOON CATHETER

DESIGNED TO PERFORM IN ALL COMPLEX ARTERY LESION



COMPLIANCE CHART:

Pressure (bar)	Diameter (mm)									
	1.00 mm	1.50mm	2.00mm	2.25mm	2.50mm	2.75mm	3.00mm	3.50mm	4.0mm	4.50mm
4	0.93	1.31	1.85	2.01	2.24	2.37	2.71	3.03	3.52	3.91
6	0.94	1.34	1.90	2.06	2.29	2.50	2.79	3.12	3.63	4.06
8	0.95	1.38	1.91	2.10	2.36	2.55	2.85	3.24	3.74	4.16
9	0.95	1.39	1.92	2.12	2.39	2.60	2.87	3.28	3.79	4.22
10	0.96	1.40	1.93	2.14	2.42	2.65	2.91	3.32	3.82	4.28
11	0.97	1.41	1.95	2.17	2.44	2.67	2.93	3.35	3.85	4.34
12	0.98	1.42	1.97	2.20	2.46	2.69	2.96	3.39	3.88	4.40
13	0.99	1.44	1.98	2.22	2.48	2.71	2.98	3.43	3.93	4.45
14	1.00	1.50	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50
15	1.01	1.51	2.02	2.28	2.52	2.78	3.02	3.50	4.01	4.54
16	1.02	1.52	2.05	2.30	2.54	2.80	3.05	3.52	4.04	4.57
17	1.03	1.53	2.06	2.31	2.56	2.82	3.06	3.55	4.06	4.62
18	1.04	1.54	2.07	2.33	2.57	2.84	3.08	3.57	4.08	4.64
19	1.04	1.55	2.09	2.34	2.59	2.85	3.10	3.60	4.10	4.68
20	1.05	1.57	2.10	2.35	2.60	2.87	3.12	3.62	4.13	4.71
21	1.05	1.57	2.12	2.37	2.62	2.89	3.14	3.65	4.14	4.76
22	1.06	1.58	2.13	2.39	2.63	2.91	3.15	3.68	4.16	4.78
23	1.07	1.58	2.15	2.41	2.64	2.92	3.19	3.71	4.19	4.82
24	1.08	1.59	2.17	2.42	2.66	2.94	3.22	3.74	4.21	4.84
1.00mm , 1.50mm and 4.50mm sizes are approved by CDSCO										
Nominal Pressure (NP)					Rated Burst Pressure (RBP)					

ORDERING INFORMATION:

Length	Diameter (mm)									
	1.00 mm	1.50mm	2.00mm	2.25mm	2.50mm	2.75mm	3.00mm	3.50mm	4.0mm	4.50mm
7 mm	IP 0710	IP 0715	IP 0720	IP 0722	IP 0725	IP 0727	IP 0730	IP 0735	IP 0740	IP 0745
10 mm	IP 1010	IP 1015	IP 1020	IP 1022	IP 1025	IP 1027	IP 1030	IP 1035	IP 1040	IP 1045
12 mm	IP 1210	IP 1215	IP 1220	IP 1222	IP 1225	IP 1227	IP 1230	IP 1235	IP 1240	IP 1245
14 mm	IP 1410	IP 1415	IP 1420	IP 1422	IP 1425	IP 1427	IP 1430	IP 1435	IP 1440	IP 1445
16 mm	IP 1610	IP 1615	IP 1620	IP 1622	IP 1625	IP 1627	IP 1630	IP 1635	IP 1640	IP 1645
18 mm	IP 1810	IP 1815	IP 1820	IP 1822	IP 1825	IP 1827	IP 1830	IP 1835	IP 1840	IP 1845
20 mm	IP 2010	IP 2015	IP 2020	IP 2022	IP 2025	IP 2027	IP 2030	IP 2035	IP 2040	IP 2045
25 mm	IP 2510	IP 2015	IP 2520	IP 2522	IP 2525	IP 2527	IP 2530	IP 2535	IP 2540	IP 2545
29 mm	IP 2910	IP 2915	IP 2920	IP 2922	IP 2925	IP 2927	IP 2930	IP 2935	IP 2940	IP 2945
34 mm	IP 3410	IP 3415	IP 3420	IP 3422	IP 3425	IP 3427	IP 3430	IP 3435	IP 3440	IP 3445
39 mm	IP 3910	IP 3915	IP 3920	IP 3922	IP 3925	IP 3927	IP 3930	IP 3935	IP 3940	IP 3945
43 mm	IP 4310	IP 4315	IP 4320	IP 4322	IP 4325	IP 4327	IP 4330	IP 4335	IP 4340	IP 4345
45 mm	IP 4510	IP 4515	IP 4520	IP 4522	IP 4525	IP 4527	IP 4530	IP 4535	IP 4540	IP 4545
49mm	IP 4910	IP 4915	IP 4920	IP 4922	IP 4925	IP 4927	IP 4930	IP 4935	IP 4940	IP 4945
1.00mm & 1.50mm and 4.50mm sizes are approved by CDSCO										

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