

Technical Specifications

Topic	Specification
Balloon Nominal Pressure	06 bar
Balloon Rated Burst Pressure	14 bar
Radio Opaque Marker	Two Platinum/Iridium Balloon Markers {Length 06 mm (All Diameters) : Single Marker}
Balloon folds	Threefold with Shape Memory Technology
Deflation Time	≤ 30 seconds
Inflation Time	≤ 15 seconds
Lesion entry profile	0.016" (0.41 mm) Max
Proximal Shaft	1.9F
Distal Shaft	2.7F
Tip	Excellent Atraumatic Tip for Optimum Crossability
Useable length	>140 cm

Optima SC Compliance Data

Pressure (bar)	Balloon Diameter Ø (mm)										
	1.5	2	2.25	2.5	2.75	3	3.5	3.75	4	4.5	5
4	1.46	1.92	2.18	2.42	2.66	2.92	3.41	3.65	3.89	4.39	4.89
5	1.47	1.96	2.22	2.46	2.71	2.96	3.46	3.7	3.95	4.45	4.94
NP 6	1.5	2	2.25	2.5	2.75	3	3.5	3.75	4	4.5	5
7	1.52	2.03	2.28	2.53	2.79	3.04	3.54	3.8	4.05	4.55	5.05
8	1.54	2.06	2.32	2.56	2.83	3.08	3.58	3.84	4.1	4.6	5.1
9	1.56	2.08	2.35	2.59	2.86	3.12	3.62	3.89	4.14	4.65	5.15
10	1.58	2.1	2.39	2.61	2.89	3.16	3.66	3.94	4.18	4.7	5.2
11	1.6	2.12	2.41	2.64	2.92	3.2	3.7	3.99	4.22	4.75	5.25
12	1.62	2.14	2.43	2.67	2.95	3.23	3.74	4.03	4.27	4.8	5.3
13	1.63	2.16	2.45	2.7	2.98	3.26	3.78	4.07	4.32	4.84	5.35
RBP 14	1.64	2.18	2.47	2.73	3.01	3.29	3.82	4.11	4.37	4.88	5.4
15	1.65	2.2	2.5	2.76	3.1	3.32	3.86	4.15	4.42	4.92	5.46
16	1.66	2.22	2.53	2.79	3.14	3.35	3.89	4.19	4.47	4.97	5.51

Ordering Information

Length (mm)	Balloon Diameter Ø (mm)										
	1.5	2	2.25	2.5	2.75	3	3.5	3.75	4	4.5	5
5	OPSC 1505	OPSC 2005	OPSC 2205	OPSC 2505	OPSC 2705	OPSC 3005	OPSC 3505	OPSC 3705	OPSC 4005	OPSC 4505	OPSC 5005
8	OPSC 1508	OPSC 2008	OPSC 2208	OPSC 2508	OPSC 2708	OPSC 3008	OPSC 3508	OPSC 3708	OPSC 4008	OPSC 4508	OPSC 5008
10	OPSC 1510	OPSC 2010	OPSC 2210	OPSC 2510	OPSC 2710	OPSC 3010	OPSC 3510	OPSC 3710	OPSC 4010	OPSC 4510	OPSC 5010
12	OPSC 1512	OPSC 2012	OPSC 2212	OPSC 2512	OPSC 2712	OPSC 3012	OPSC 3512	OPSC 3712	OPSC 4012	OPSC 4512	OPSC 5012
15	OPSC 1515	OPSC 2015	OPSC 2215	OPSC 2515	OPSC 2715	OPSC 3015	OPSC 3515	OPSC 3715	OPSC 4015	OPSC 4515	OPSC 5015
20	OPSC 1520	OPSC 2020	OPSC 2220	OPSC 2520	OPSC 2720	OPSC 3020	OPSC 3520	OPSC 3720	OPSC 4020	OPSC 4520	OPSC 5020
25	OPSC 1525	OPSC 2025	OPSC 2225	OPSC 2525	OPSC 2725	OPSC 3025	OPSC 3525	OPSC 3725	OPSC 4025	OPSC 4525	OPSC 5025
30	OPSC 1530	OPSC 2030	OPSC 2230	OPSC 2530	OPSC 2730	OPSC 3030	OPSC 3530	OPSC 3730	OPSC 4030	OPSC 4530	OPSC 5030

First Balloon Catheter in the World With

Trac⁺

Premoulded Tip Technology





Optima SC
Semi-Compliant PTCA Balloon Catheter

Next Generation PTCA Balloon

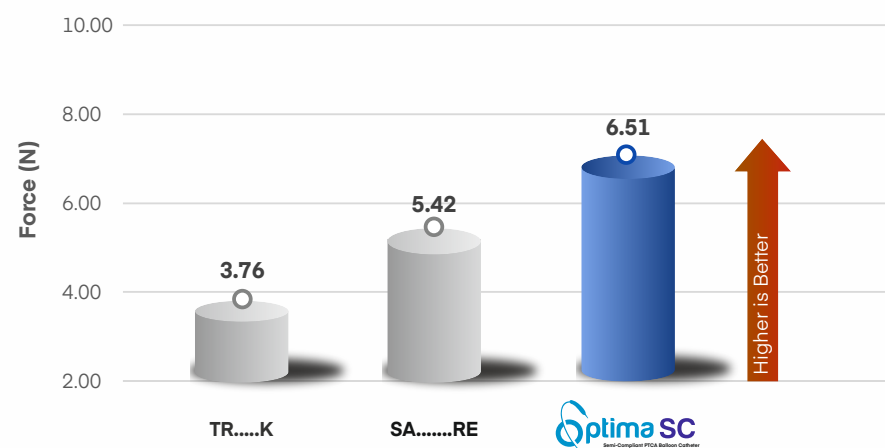
Catheter Technology



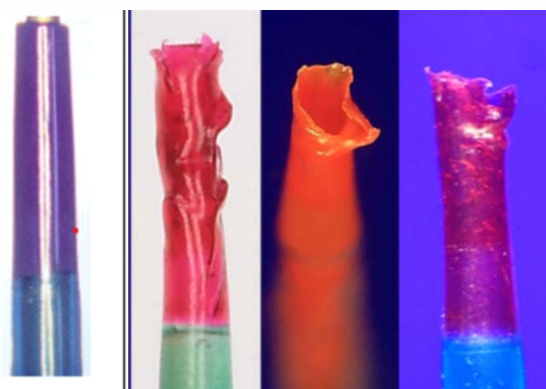
Trac⁺ Premoulded Tip

- Cutting edge PTCA Balloon Catheter Tip technology
- **50% Stronger** than Conventional Tip designs
- Negligible chances of Flaring & Breakage in Calcific & Tight Lesions
- Thick-walled ensuring kink resistance & minimising Tip dislodgement

Compression Force (N)



Balloon Catheter Tips Retrieved from Patients



Undamaged Tip
(Trac+)

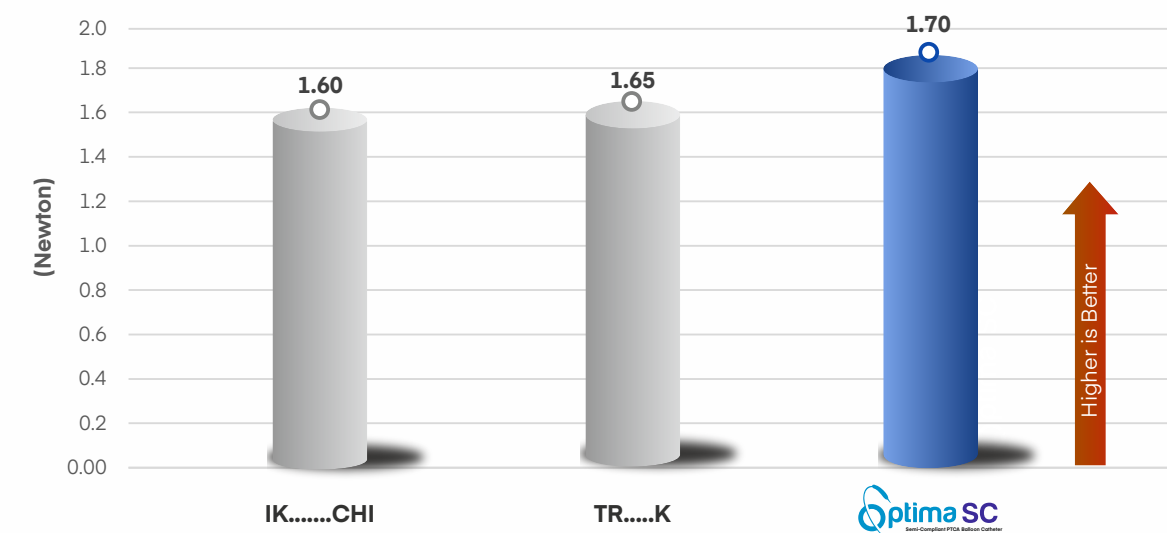


The rightward 3 panels show damaged balloon tips from 3 different manufacturers. While in these examples the flaring is marked, if of lesser degree it may not be detectable with the naked eye

Next Generation **Calibrè** Twin Shaft Technology

- Higher Pushability than conventional PTCA Balloon Catheters
- Extra Push Force Transmission from Proximal to Distal Shaft
- High kink Resistant despite strong forces in Calcific & Tight lesions

High Pushability*

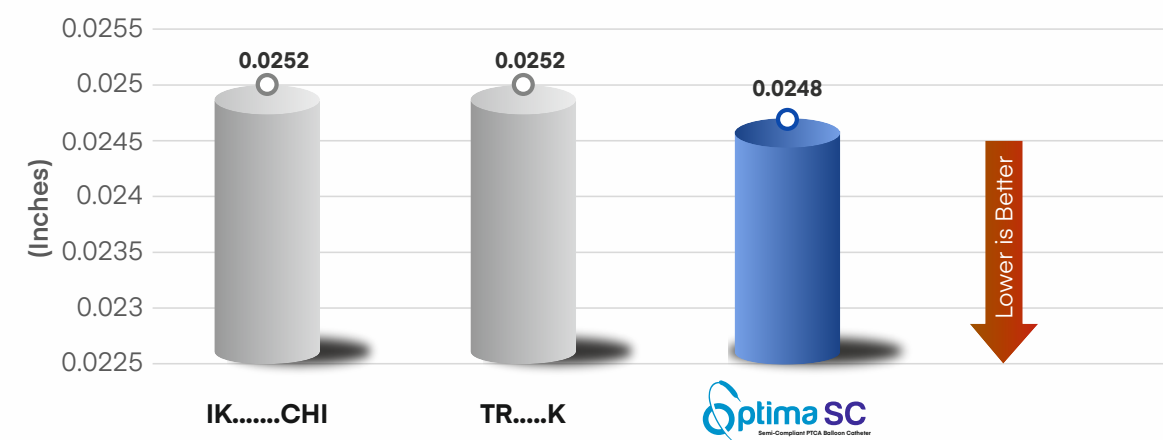


Significantly Greater Push Force for Challenging Lesions

Pushability **T**rackability **C**rossability **A**ccessibility
Redefined...

Crossing Profile*

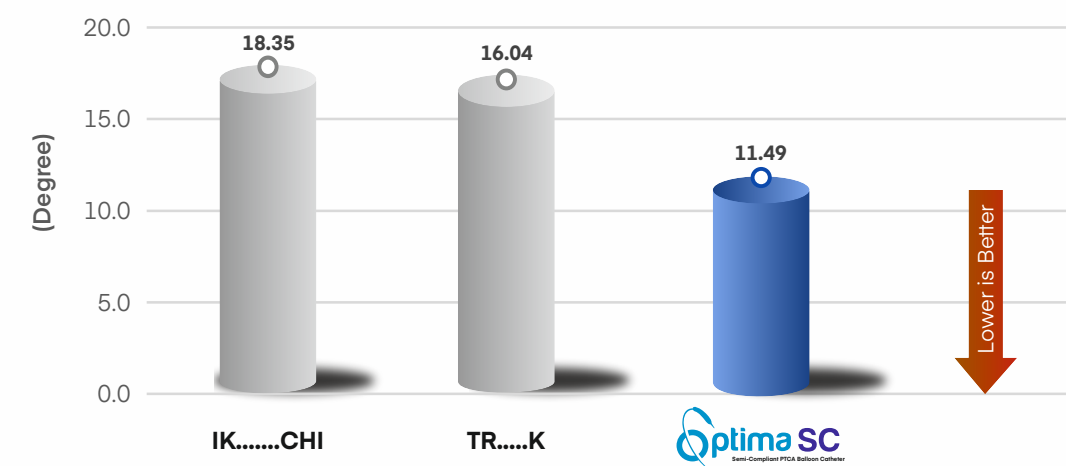
Best-in-class crossability and recrossability without compromising durability and robustness



Lowest Crossing Profile for Unmatched Crossability Against Key Competitors

Smallest Balloon Angle*

Unique Balloon Material confirms low longitudinal & radial growth



Reduced Longitudinal Growth, Minimizing Vessel Trauma Outside The Treatment Area

REWRAP Crossing Profile*

Unique Shape Memory Technology ensuring re-entering multiple lesions

