

Technical Specifications

Topic	Specification
Balloon Nominal Pressure	12 bar
Balloon Rated Burst Pressure	22 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)
Proximal Shaft	1.9F
Distal Shaft	2.7F
Tip	Excellent Atraumatic Tip for Optimum Crossability
Usable length	>140 cm (>1400 mm)

Optima NC Compliance Data

Pressure (bar)	Balloon Diameter Ø (mm)											
	1.5	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.5	5
8	1.46	1.92	2.16	2.41	2.64	2.89	3.12	3.38	3.61	3.87	4.34	4.76
9	1.47	1.94	2.18	2.43	2.67	2.92	3.16	3.41	3.65	3.91	4.39	4.82
10	1.48	1.96	2.21	2.46	2.7	2.95	3.19	3.44	3.69	3.94	4.44	4.88
11	1.49	1.98	2.23	2.48	2.73	2.98	3.22	3.47	3.72	3.97	4.47	4.94
NP 12	1.5	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.5	5
13	1.52	2.02	2.28	2.52	2.78	3.03	3.28	3.53	3.78	4.03	4.55	5.04
14	1.53	2.04	2.31	2.55	2.8	3.05	3.31	3.56	3.81	4.06	4.59	5.08
15	1.54	2.06	2.33	2.57	2.83	3.08	3.34	3.59	3.84	4.09	4.63	5.12
16	1.55	2.08	2.35	2.6	2.86	3.11	3.37	3.62	3.87	4.12	4.67	5.16
17	1.56	2.1	2.37	2.62	2.88	3.13	3.4	3.65	3.9	4.15	4.7	5.2
18	1.58	2.11	2.39	2.64	2.9	3.15	3.43	3.67	3.93	4.18	4.73	5.24
19	1.59	2.13	2.4	2.66	2.92	3.17	3.45	3.7	3.96	4.21	4.76	5.28
20	1.61	2.14	2.41	2.68	2.94	3.19	3.47	3.72	3.98	4.24	4.79	5.32
21	1.62	2.16	2.42	2.7	2.96	3.22	3.49	3.74	4.01	4.27	4.82	5.36
RBP 22	1.63	2.17	2.43	2.72	2.98	3.24	3.51	3.76	4.03	4.3	4.85	5.4
23	1.65	2.19	2.45	2.73	2.99	3.26	3.53	3.78	4.05	4.33	4.88	5.43
24	1.67	2.2	2.46	2.75	3.01	3.28	3.55	3.8	4.07	4.36	4.91	5.46

Ordering Information

Length (mm)	Balloon Diameter Ø (mm)											
	1.5	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.5	5
6	OPNC 1506	OPNC 2006	OPNC 2206	OPNC 2506	OPNC 2706	OPNC 3006	OPNC 3206	OPNC 3506	OPNC 3706	OPNC 4006	OPNC 4506	
8	OPNC 1508	OPNC 2008	OPNC 2208	OPNC 2508	OPNC 2708	OPNC 3008	OPNC 3208	OPNC 3508	OPNC 3708	OPNC 4008	OPNC 4508	OPNC 5008
10	OPNC 1510	OPNC 2010	OPNC 2210	OPNC 2510	OPNC 2710	OPNC 3010	OPNC 3210	OPNC 3510	OPNC 3710	OPNC 4010	OPNC 4510	OPNC 5010
12	OPNC 1512	OPNC 2012	OPNC 2212	OPNC 2512	OPNC 2712	OPNC 3012	OPNC 3212	OPNC 3512	OPNC 3712	OPNC 4012	OPNC 4512	OPNC 5012
15	OPNC 1515	OPNC 2015	OPNC 2215	OPNC 2515	OPNC 2715	OPNC 3015	OPNC 3215	OPNC 3515	OPNC 3715	OPNC 4015	OPNC 4515	OPNC 5015
20	OPNC 1520	OPNC 2020	OPNC 2220	OPNC 2520	OPNC 2720	OPNC 3020	OPNC 3220	OPNC 3520	OPNC 3720	OPNC 4020	OPNC 4520	OPNC 5020
25	OPNC 1525	OPNC 2025	OPNC 2225	OPNC 2525	OPNC 2725	OPNC 3025	OPNC 3225	OPNC 3525	OPNC 3725	OPNC 4025	OPNC 4525	OPNC 5025
30	OPNC 1530	OPNC 2030	OPNC 2230	OPNC 2530	OPNC 2730	OPNC 3030	OPNC 3230	OPNC 3530	OPNC 3730	OPNC 4030	OPNC 4530	OPNC 5030

OPNC-BC-Rev01.090125

Manufactured By:
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Please refer to the **Instructions for Use** supplied with these devices for indications, contraindications, adverse events, suggested procedures, warnings and precautions.

First Balloon Catheter in the World With **Trac⁺** Premoulded Tip Technology




Optima NC
Non-Compliant PTCA Balloon Catheter

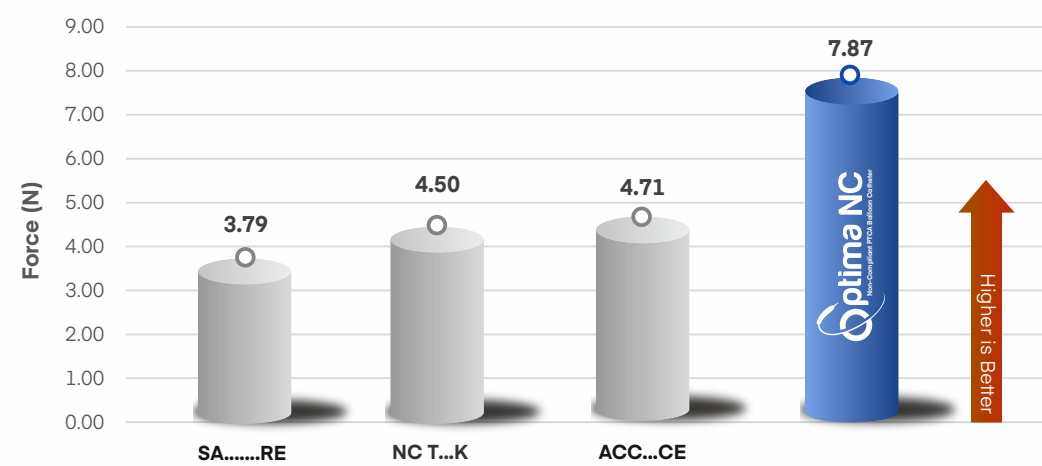
Next Generation PTCA Balloon Catheter Technology



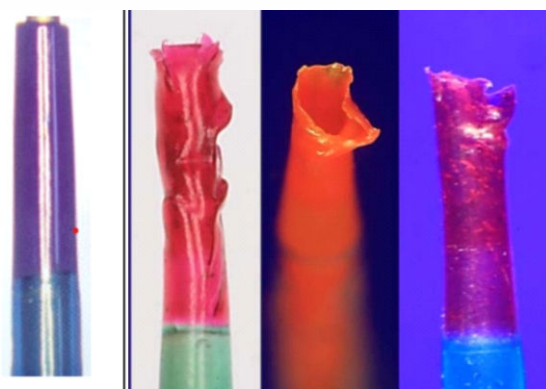
Trac+ Premoulded Tip

- 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+)

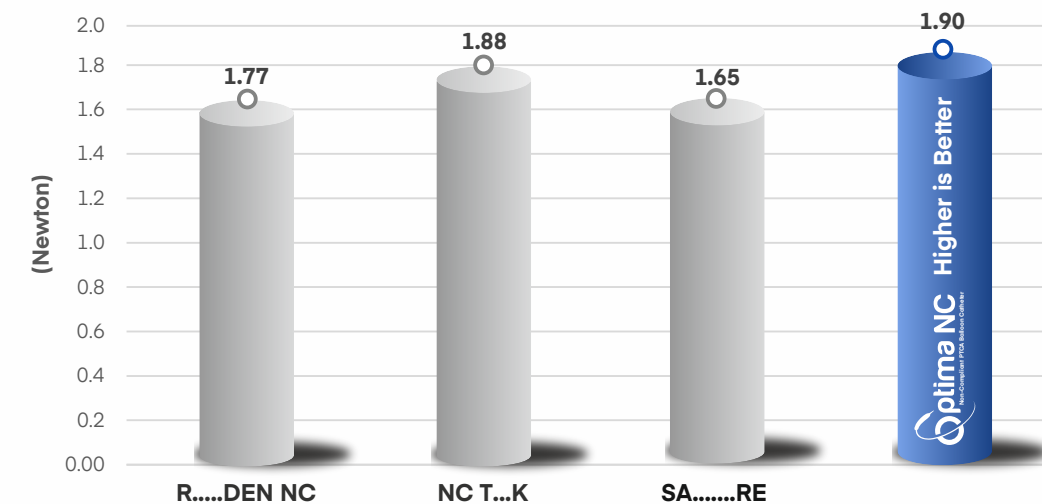


The rightward 3 panels show damaged balloon tips from 3 different manufacturers. While in these examples the flaring is marked, if of lesser degree it may not be detectable with the naked eye

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

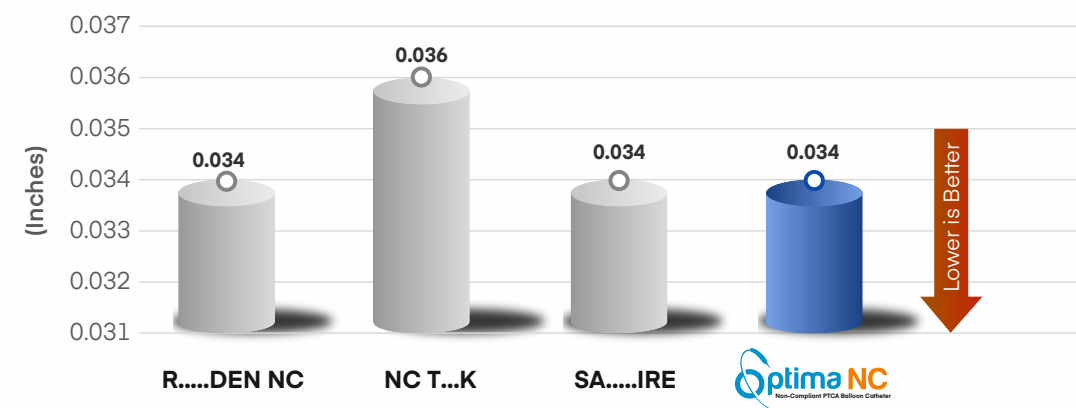
Pushability **T**rackability **C**rossability **A**ccessibility
Redefined...

* Data on File (3x10 Optima NC)



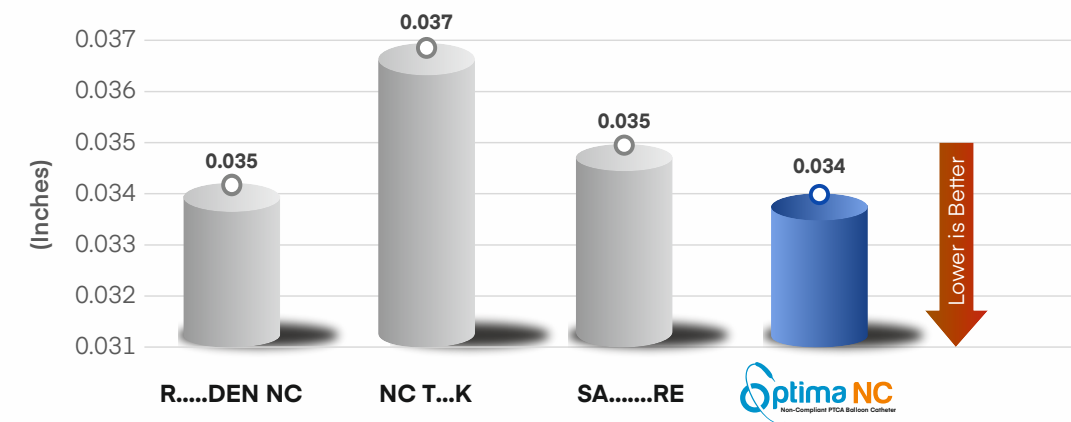
Crossing Profile*

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



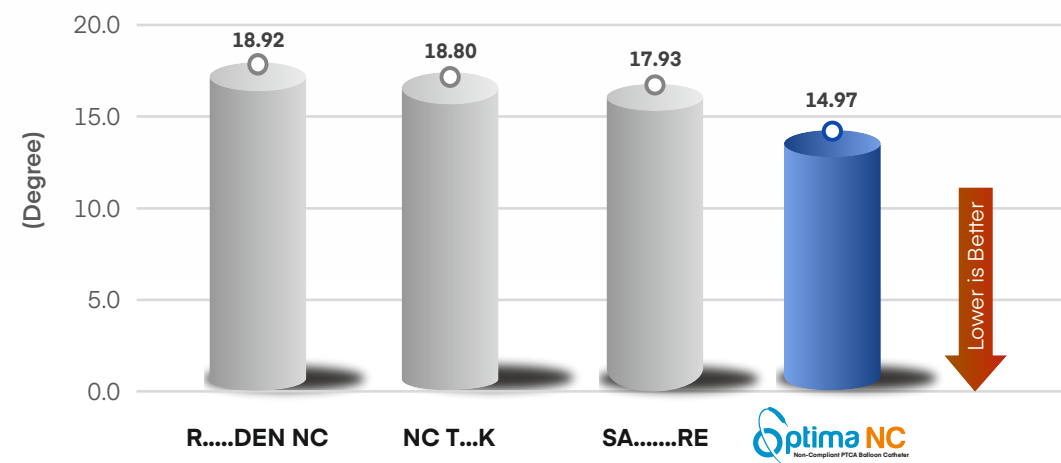
REWRAP Crossing Profile*

Unique Shape Memory Technology ensuring re-entering multiple lesions



Smallest Balloon Angle*

Unique Balloon Material confirms low longitudinal & radial growth



Reduced Longitudinal Growth, Minimizing Vessel Trauma Outside The Treatment Area