

product name	balloon dimensions	
	diameter [mm]	lengths [mm]
1.50 Turquoise™ PTCA Balloon Catheter	1.50	12 - 20
2.00 Turquoise™ PTCA Balloon Catheter	2.00	12 - 15 - 17 - 20 - 22 - 25
2.50 Turquoise™ PTCA Balloon Catheter	2.50	12 - 15 - 17 - 20 - 22 - 25 - 28 - 30 - 34
2.75 Turquoise™ PTCA Balloon Catheter	2.75	12 - 15 - 17 - 20 - 22 - 25 - 28 - 30 - 34
3.00 Turquoise™ PTCA Balloon Catheter	3.00	12 - 15 - 17 - 20 - 22 - 25 - 28 - 30 - 34
3.50 Turquoise™ PTCA Balloon Catheter	3.50	12 - 15 - 17 - 20 - 22 - 25 - 28 - 30 - 34
4.00 Turquoise™ PTCA Balloon Catheter	4.00	12 - 15 - 17 - 20 - 22 - 25 - 28 - 30 - 34
4.50 Turquoise™ PTCA Balloon Catheter	4.50	8 - 12 - 15 - 17 - 20 - 22
Turquoise™ PTCA Balloon Catheter > Nominal Balloon Pressure [atm] = 8 atm		
Turquoise™ PTCA Balloon Catheter > Rated Burst Pressure [atm] = 16 atm		



TURQUOISE™ PTCA

BALLOON CATHETER I



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BALLOON CATHETER I

april 2010

FROM GENIUS IDEAS TO HI-TECH INNOVATIONS

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005

- 001 CORACTO
- 002 EPHEOS™ II
- 003 CONSTANT
- 004 COMMANDER
- 005 TURQUOISE™ PTCA
- 006 INVADER™ PTCA
- 007 INVADER™ CTO
- 008 ALVIGUIDE
- 009 ALVISION
- 010 CORAXEL

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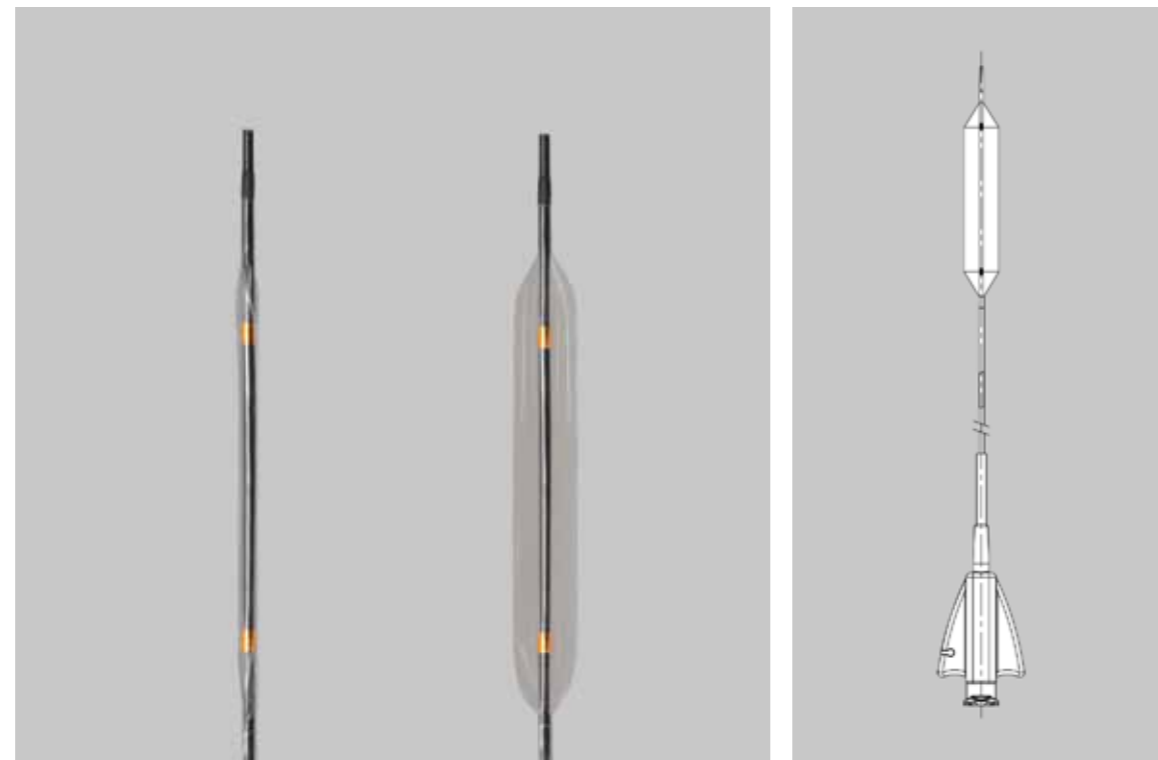
TURQUOISE™ PTCA

BALLOON CATHETER



Flexible balloon material ensures effective crossability

The Tri-folding technique of the balloon provides the Turquoise™ PTCA Balloon Catheter with homogeneous balloon expansion and vessel conformity. The flexibility of balloon material ensures effective crossability.



balloon product information



Pressure Compliance

The durable, semi-compliant balloon material allows high pressure dilatation with complete sizing control. This makes the Turquoise™ PTCA Balloon Catheter a perfect choice for complex PTCA cases.



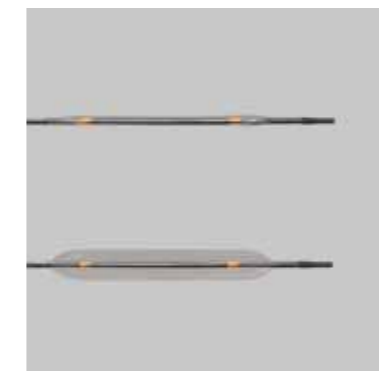
Inflation / Deflation Time

Smart design and effective micro assembly of the Turquoise™ PTCA Balloon Catheter allows the shortest possible inflation/deflation time for a safe procedure.



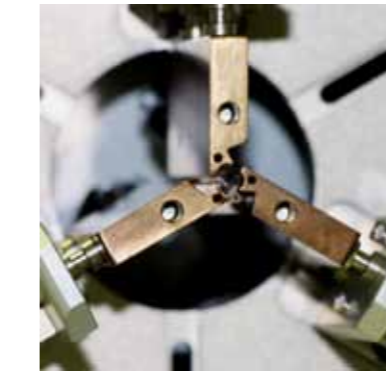
Tip Form

The oval shaped tip of the Turquoise™ PTCA Balloon Catheter facilitates a safe and easy entry into the lesion.



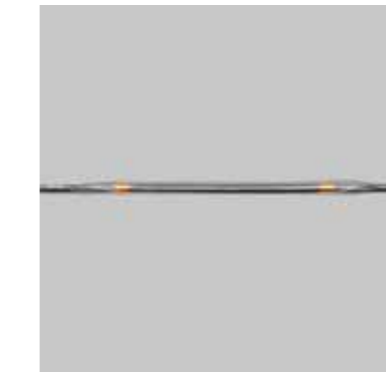
Homogeneous Balloon Expansion

The Turquoise™ PTCA Balloon Catheter is designed to provide homogeneous balloon expansion throughout the entire balloon length.



Tri-Folding Technique

Turquoise™ PTCA Balloon Catheter is folded with Tri-folding technique that enables the balloon to be returned to its original shape after deflation.



With the Tri-folding process, the wrapped balloon goes into an advanced thermal memory shape (ATMS) which provides a 20% decrease in balloon profile and increases the tendency for rewinding.



Pushability

The hydrophilic coating of the shaft and carbon reinforced inner lumen combine to improve pushability.

Crossability & Balloon Profile

The flexibility of balloon material and low balloon profile ensures maximum crossability.

Turquoise™ PTCA balloon compliance chart

	1.50 mm	2.00 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm	4.50 mm	
pressure	diameter	diameter	diameter	diameter	diameter	diameter	diameter	diameter	
[atm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
4.0	1.40	1.79	2.35	2.58	2.74	3.21	3.78	4.30	
5.0	1.43	1.84	2.40	2.64	2.85	3.29	3.83	4.36	
6.0	1.45	1.90	2.45	2.69	2.90	3.38	3.90	4.41	
7.0	1.48	1.96	2.48	2.72	2.94	3.45	3.95	4.46	
8.0	NOM	1.50	2.00	2.50	2.75	3.00	3.50	4.00	4.50
9.0	1.52	2.06	2.53	2.81	3.05	3.55	4.03	4.52	
10.0	1.54	2.09	2.56	2.84	3.08	3.59	4.06	4.54	
11.0	1.56	2.14	2.60	2.87	3.11	3.65	4.09	4.57	
12.0	1.58	2.17	2.62	2.89	3.15	3.68	4.11	4.60	
13.0	1.60	2.20	2.65	2.91	3.18	3.71	4.14	4.62	
14.0	1.61	2.23	2.68	2.93	3.22	3.75	4.17	4.64	
15.0	1.62	2.25	2.70	2.95	3.25	3.78	4.20	4.66	
16.0	RBP	1.64	2.28	2.74	2.97	3.28	3.81	4.23	4.69
17.0	1.66	2.30	2.77	3.00	3.32	3.85	4.26	4.71	
18.0	1.69	2.32	2.81	3.03	3.36	3.88	4.29	4.73	
19.0	1.78	2.34	2.84	3.06	3.40	3.92	4.32	4.75	
20.0	1.92	2.36	2.87	3.10	3.43	3.96	4.36	4.78	
21.0	2.02	2.37	2.91	3.14	3.46	4.00	4.40	4.81	
22.0	ABP	2.06	2.39	2.94	3.19	3.49	4.08	4.44	4.85
NOM > NOMINAL PRESSURE									
RBP > RATED BURST PRESSURE									
ABP > AVERAGE BURST PRESSURE									
ENTRY PROFILE > 0.017"									
BALLOON SHAFT > 150 cm									
COATING > HYDROPHILIC WITH AN EXCLUSION OF 45cm FROM PROXIMAL TO DISTAL AND EFFECTIVE BALLOON LENGTH									