

PULSE™



RX
Glider™ SC/NC/CTO
— PTCA BALLOON —

Dilatation Catheter
PTCA BALLOON

Durable compliant balloon designed to tackle multiple dilatation needs and
Compliant balloon material designed to smooth entire graft

Strong, durable and flexible proprietary balloon material provides high-pressure capability and a low growth profile.

Pushability, trackability and excellent progressive flexibility of the distal area.

For Unbeatable deliverability which achieves:

- Excellent Stent apposition with controlled balloon expansion
- Less than 5 % growth at RBP
- 2 % growth at 16 ATM
- Double marker allows precision placement



Technical Information

Dilatation Catheter	
Balloon Material	Nylon
Balloon Type	Semi Compliance, Non Compliance or CTO
Available Balloon Length(mm)	06,10,12,15,20,25 and 30
Available Balloon Diameters(mm)	1.0,1.10,1.25,1.5, 2.0, 2.25, 2.5, 2.75, 3.0, 3.5 and 4.0
Catheter Length	142 ± 02 cm
Rapid Exchange Length	25cm (250 mm)
Tip Entry Profile	0.018" (0.45mm)
Crossing Profile	Min: 0.60 mm, Max: 0.84 mm
Catheter Shaft	Proximal shaft diameter 1.97F
Outer diameter	Distal shaft diameter 2.56F
Inner diameter	Proximal shaft innerdiameter 0.480 ± 0.01 mm
Balloon Inflation Pressure (NP)	06 atm (SC, CTO), 10 atm (NC)
Balloon Rated Burst Pressure (RBP)	14 atm (SC), 18 atm (NC,CTO)
Minimum Guiding Catheter	≥5F (0.056")
Maximum Guide wire diameter	0.014" (0.36mm)
Inflation Time	NMT 10 sec
Deflation time	On average less than 20 sec

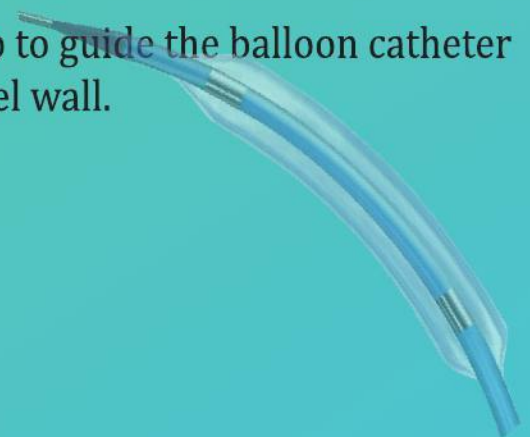
Minimum Profile,
Maximum pushability for ultimate crossing

PTCA Balloon Catheter has been specially engineered for extreme intervention to treat complex coronary lesions.

Excellent results in crossing tight and severely calcified lesions
& NAVIGATING INTO SMALL VESSELS

PTCA Balloon Catheter is designed by most advance and innovative laser technology. It's an all Polyamide balloon construction that run on low friction technology.

PTCA Balloon Catheter is built with a flexible tapered tip to guide the balloon catheter through the artery while avoiding any injury to the vessel wall.



For Unbeatable deliverability which achieves:

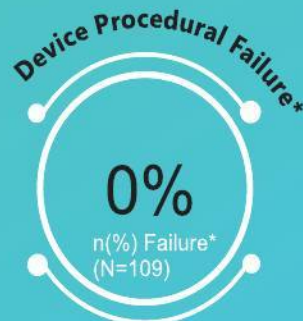
- Low balloon Profile with excellent rewrap
- Tapered tip with low entry profile
- Elongated 4mm tip for distal stability and guide wire support
- PTFE coated proximal shaft for easy navigation
- Optimal Trackability and Pushability



Death 0
Cardiac Death 0
Non - Cardiac Death 0
Myocardial Infarction 1(0.98%)
TLR 0
Thrombosis 0
Arrhythmia 0



Successful Delivery
Successful inflation
Successful Deflation
Successful Removal
TIMI flow 3



Failure to cross lesion
Balloon Burst
Vessel Perforation
Flow limiting dissection
Reduction in TIMI flow

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 1-5, where 1 = poor and 5 = Excellent

Balloon Compliance Chart

Glider- NC

Pressure	Balloon Diameter (mm)						
ATM	1.50	2.00	2.50	2.75	3.00	3.50	4.00
2	1.43	1.85	2.12	2.52	2.79	3.20	3.25
4	1.49	1.90	2.26	2.67	2.89	3.27	3.35
6	1.52	1.94	2.31	2.70	2.91	3.37	3.46
8	1.54	1.98	2.40	2.73	2.94	3.44	3.78
10*(Nominal)	1.57	2.04	2.48	2.78	2.99	3.48	3.98
12	1.60	2.09	2.54	2.85	3.03	3.54	4.08
14	1.62	2.12	2.56	2.86	3.06	3.56	4.13
16	1.65	2.15	2.59	2.88	3.10	3.58	4.17
18**(RBP)	1.68	2.17	2.62	2.91	3.15	3.61	4.20
20	1.71	2.20	2.66	2.93	3.18	3.65	4.25

Ordering Information :

Glider- NC

Diameter/ Length	1.50 mm	2.00 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm
6 mm	GN15006	GN20006	GN25006	GN27506	GN30006	GN35006	GN40006
10 mm	GN15010	GN20010	GN25010	GN27510	GN30010	GN35010	GN40010
12 mm	GN15012	GN20012	GN25012	GN27512	GN30012	GN35012	GN40012
15 mm	GN15015	GN20015	GN25015	GN27515	GN30015	GN35015	GN40015
20 mm	GN15020	GN20020	GN25020	GN27520	GN30020	GN35020	GN40020
25 mm	GN15025	GN20025	GN25025	GN27525	GN30025	GN35025	GN40025
30 mm	GN15030	GN20030	GN25030	GN27530	GN30030	GN35030	GN40030
35 mm	N.A.	GN20035	GN25035	GN27535	GN30035	GN35035	N.A.
40 mm	N.A.	GN20040	GN25040	GN27540	GN30040	GN35040	N.A.

Balloon Compliance Chart

Glider- SC

Pressure (ATM)	Balloon Diameters (mm)						
	1.50	2.00	2.50	2.75	3.00	3.50	4.00
2	1.30	1.75	2.35	2.43	2.70	3.24	3.70
3	1.34	1.80	2.42	2.50	2.85	3.32	3.75
4	1.38	1.88	2.45	2.57	2.92	3.41	3.80
5	1.48	1.95	2.47	2.65	2.99	3.47	3.92
6* (Nominal)	1.54	2.01	2.50	2.75	3.04	3.56	4.03
7	1.56	2.04	2.52	2.87	3.10	3.62	4.05
8	1.60	2.09	2.56	2.89	3.17	3.70	4.10
9	1.62	2.12	2.61	2.92	3.22	3.76	4.14
10	1.64	2.14	2.62	2.96	3.30	3.83	4.20
11	1.69	2.15	2.64	2.99	3.34	3.86	4.22
12	1.71	2.16	2.67	3.03	3.38	3.92	4.28
13	1.75	2.18	2.70	3.07	3.42	3.98	4.32
14**(RBP)	1.79	2.20	2.73	3.11	3.45	4.04	4.34
15	1.83	2.24	2.75	3.15	3.48	4.07	4.40
16	1.86	2.25	2.78	3.20	3.55	4.15	4.45
18	1.88	2.29	2.82	3.28	3.65	4.20	4.50
20	1.90	2.31	2.90	3.30	3.69	4.24	4.55

Ordering Information :

Glider- SC

Diameter/ Length	1.50 mm	2.00 mm	2.50 mm	2.75 mm	3.00 mm	3.50 mm	4.00 mm
6 mm	GS15006	GS20006	GS25006	GS27506	GS30006	GS35006	GS40006
10 mm	GS15010	GS20010	GS25010	GS27510	GS30010	GS35010	GS40010
12 mm	GS15012	GS20012	GS25012	GS27512	GS30012	GS35012	GS40012
15 mm	GS15015	GS20015	GS25015	GS27515	GS30015	GS35015	GS40015
20 mm	GS15020	GS20020	GS25020	GS27520	GS30020	GS35020	GS40020
25 mm	GS15025	GS20025	GS25025	GS27525	GS30025	GS35025	GS40025
30 mm	GS15030	GS20030	GS25030	GS27530	GS30030	GS35030	GS40030
35 mm	N.A.	GS20035	GS25035	GS27535	GS30035	GS35035	N.A.
40 mm	N.A.	GS20040	GS25040	GS27540	GS30040	GS35040	N.A.

Balloon Compliance Chart

Glider- CTO

Pressure ATM	Balloon Diameter		
	1.00	1.10	1.25
2	0.96	1.04	1.22
4	0.98	1.08	1.25
6*(Nominal)	0.98	1.11	1.27
8	0.99	1.11	1.30
10	1.01	1.12	1.33
12	1.01	1.13	1.36
14	1.02	1.15	1.38
16	1.02	1.18	1.40
18**(RBP)	1.02	1.21	1.42
20	1.03	1.26	1.45

Ordering Information :

Glider- CTO

Diameter /Length	1.00 mm	1.10 mm	1.25 mm
5 mm	GC10005	GC11005	GC12505
10 mm	GC10010	GC11010	GC12510
12 mm	GC10012	GC11012	GC12512
15 mm	GC10015	GC11015	GC12515

Marketed & Distributed By:

Zuvio Technologies Pvt. Ltd

1st Floor ' Plot no 646 , 27th Main Road 'HSR Layout ,
sec -1, Bengaluru 560102

☎ +91 9071101108

✉ info@pulseio.in