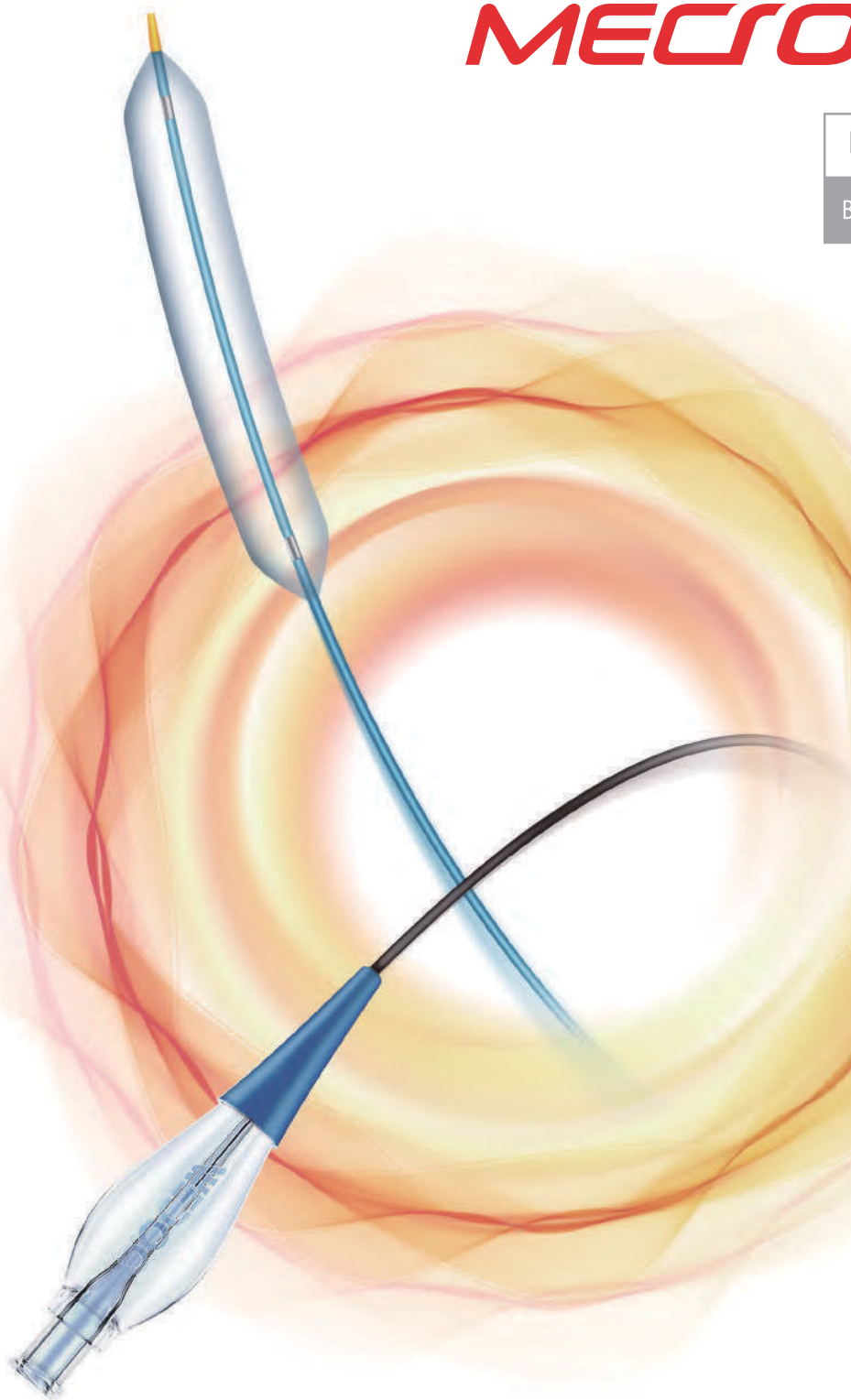


MECROSS NC

Non-Compliant PTCA

Balloon Dilatation Catheter



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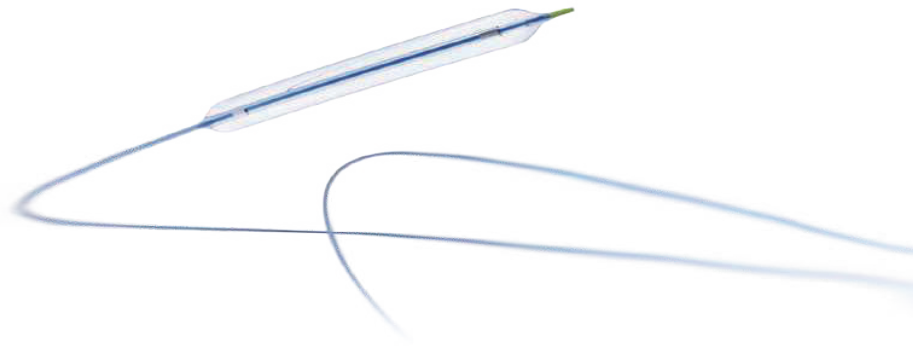
CE NO. CE662150(BSI)

Introduction of MeCross NC

MeCross NC (RX type) Non-Compliant PTCA Balloon Catheter is a high performance post-dilatation balloon catheter of MeCross family, which is designed for final dilation, hard calcification lesion dilation and in-stent dilatation post DES. The latest technology of balloon design, materials and clinical requirements are applied to MeCross NC to ensure an excellent crossing performance with high RBP. Treasure the safety and the life of patients.

MeCross NC applies a design of low proximal shaft OD to ensure two balloons can be used inside one 6F guiding catheter in the kissing case. The unique M-Advance Tip design ensures the product a superior crossing ability, while the new ultra-lubricated S-coating hydrophilic coating also helps reducing shaft friction and further enhancing the crossing ability to a new high level in PTCA surgery.

"Seamless" force conduction technology ensures the whole catheter a satisfied balance in the pushing and tracking ability, which makes MeCross NC able to go through stenosis freely and deal with the hard calcification lesion. The diameter configuration which ranges from 2.0mm to 5.0mm meets all post-dilatation clinical needs of PTCA.



Technical Specification

RX Design

Working length=140cm

10 kinds of different diameters ranging from 2.0mm-5.0mm

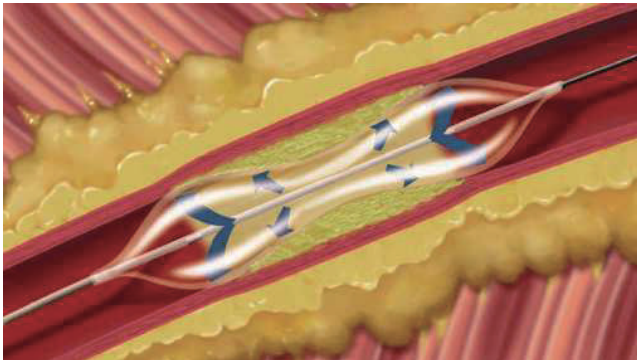
5 kinds of different length configurations including 8mm, 10mm, 12mm, 15mm and 18mm

NP=12atm, RBP=22atm, reliable

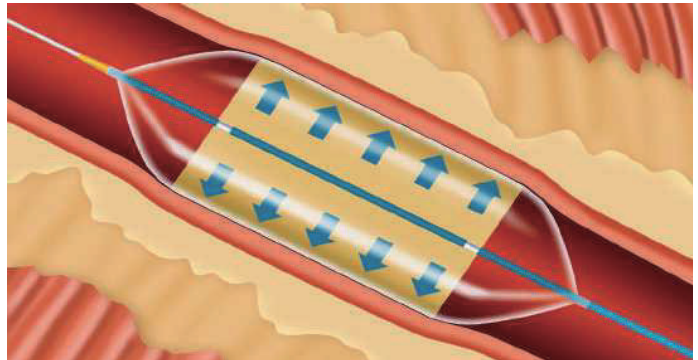
Compliance=0.55%/(atm), low axial elongation 3%/(atm) while inflation

Product Advantages

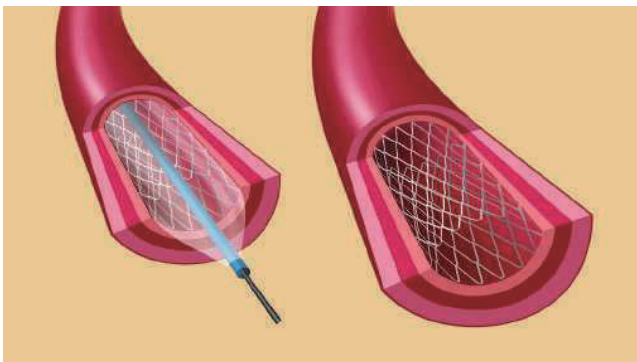
- Maximum diameter of 5.0mm can ensure the strongest post dilatation force
- High pressure resistant, NP=12atm, RBP=22atm, MBP=30atm
- Accurate inflation is achieved by compliance of 0.55%/(atm) and axial elongation of 3%/(atm) to prevent dog bone phenomenon occurs
- Puncture-resistant performance enables easily passing through the most hard calcification and suitable for in-stent and after stent dilatation
- "Seamless" force conduction technology ensures enough push ability
- "S-Coating" with the latest technology can ensure durable and strong hydrophilic ability to pass through the most complex lesions with zero resistance
- Delicate "M-advance" tip design makes the catheter softer and more flexible to protect the blood vessels
- Suitable for in-stent dilatation, maximally protects the blood vessels and defend the health, outstanding kissing capabilities to 6F guiding catheter



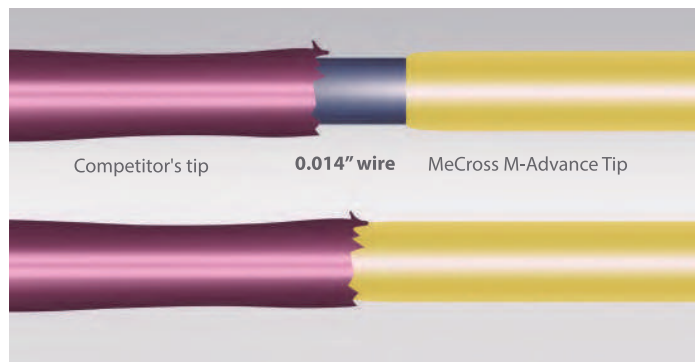
Dog bone phenomenon of regular balloon is hard for treatment.



MeCross NC ends dog bone phenomenon while dilatation.



High pressure is suitable for in-stent dilatation



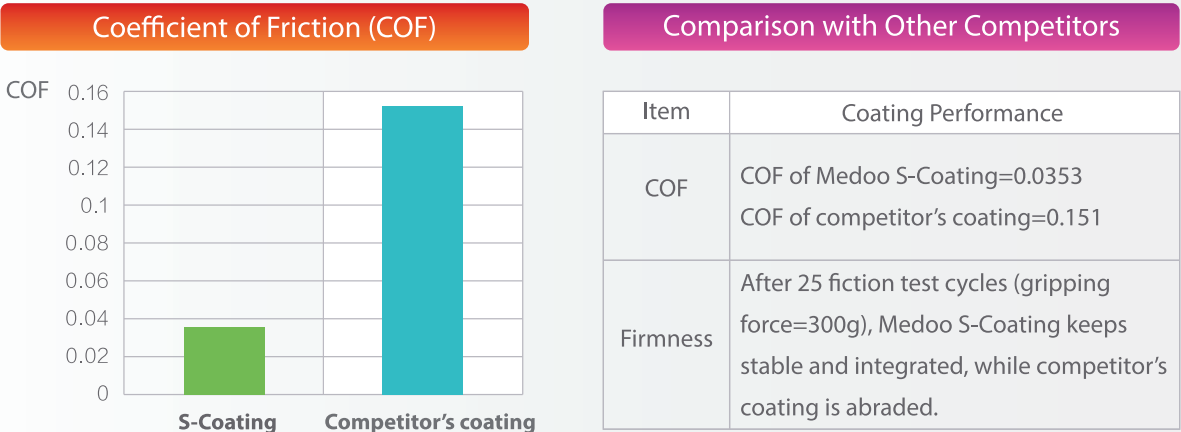
M-Advance Tip successfully traversed the competitor's product tip.

Description of S-Coating

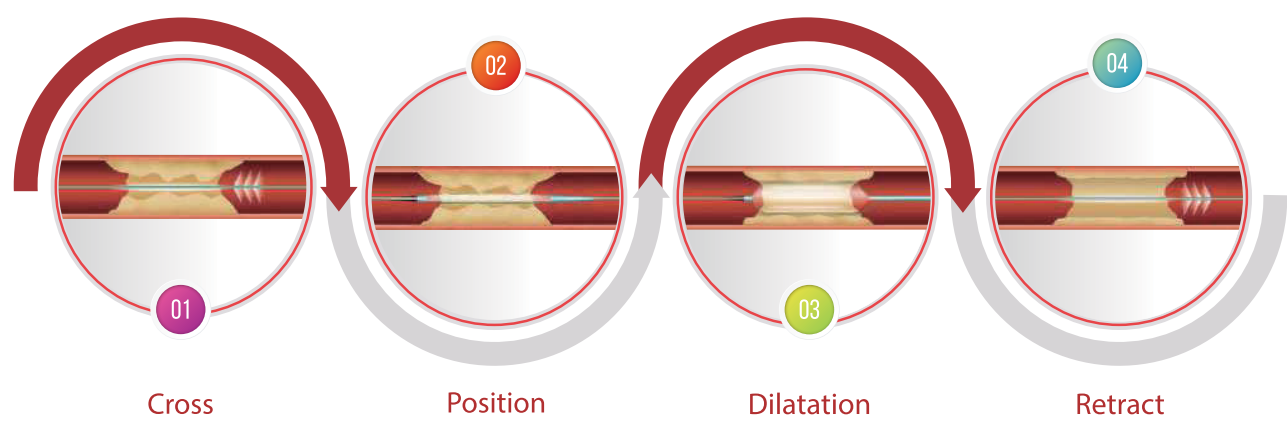
Performance & Advantages

The S-Coating hydrophilic coating adopts the latest UV light curing technology to significantly reduce surface friction and help decrease the trauma to patient. While effectively reducing the patient’s discomfort, the complications caused by mucosal and tissue cell damages during product insertion are also largely avoided. Moreover, S-Coating can also speed up the delivery of the catheter.

Medoo S-Coating vs. coating of competitor’s catheter



Instruction

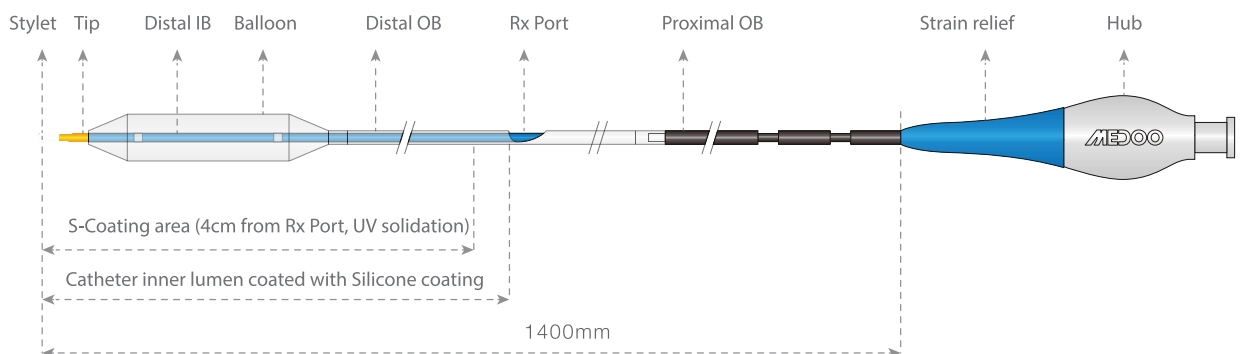


Ordering Information

Φ (mm)	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.5	5.0
Length(mm)											
8	MC-02-2008	-2208	-2508	-2708	-3008	-3208	-3508	-3708	-4008	-4508	-5008
10	MC-02-2010	-2210	-2510	-2710	-3010	-3210	-3510	-3710	-4010	-4510	-5010
12	MC-02-2012	-2212	-2512	-2712	-3012	-3212	-3512	-3712	-4012	-4512	-5012
15	MC-02-2015	-2215	-2515	-2715	-3015	-3215	-3515	-3715	-4015	-4515	-5015
18	MC-02-2018	-2218	-2518	-2718	-3018	-3218	-3518	-3718	-4018	-4518	-5018

Compliance Information

Φ (mm)	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.5	5.0
Pressure(ATM)											
8	1.96	2.20	2.45	2.69	2.94	3.18	3.42	3.67	3.90	4.35	4.92
10	1.98	2.23	2.47	2.72	2.97	3.22	3.46	3.71	3.95	4.43	4.96
12(NP)	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
14	2.02	2.27	2.53	2.78	3.03	3.29	3.54	3.79	4.05	4.55	5.07
16	2.04	2.30	2.56	2.81	3.07	3.32	3.58	3.83	4.10	4.62	5.14
18	2.07	2.33	2.58	2.84	3.10	3.36	3.63	3.88	4.16	4.69	5.22
20	2.09	2.35	2.61	2.87	3.13	3.40	3.67	3.92	4.21	4.75	5.28
22(RBP)	2.11	2.38	2.64	2.90	3.17	3.43	3.72	3.96	4.27	4.82	5.35
24	2.14	2.40	2.67	2.94	3.20	3.47	3.76	4.00	4.32	4.89	5.40
26	2.16	2.43	2.70	2.97	3.24	3.51	3.80	4.05	4.38	4.97	5.49
28	2.18	2.46	2.73	3.00	3.27	3.55	3.85	4.05	4.44	5.00	5.57



MeCross NC illustration

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