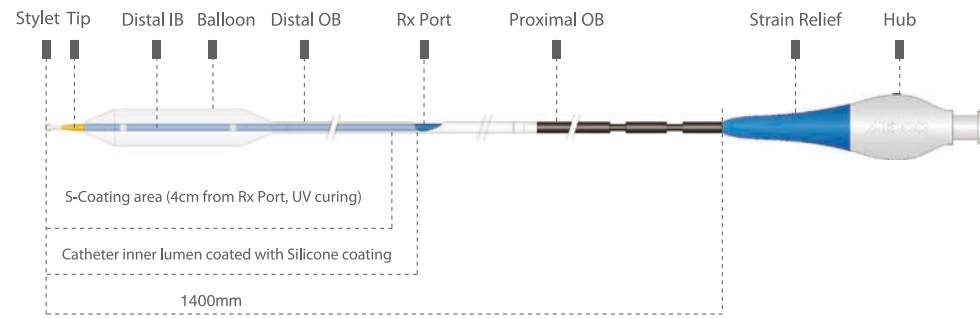


NMPA: 国械注准20183030555  
CE662150



MeCross NC illustration

### ORDERING INFORMATION

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

### COMPLIANCE INFORMATION

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



### About Medoo

Medoo Medical is a high-tech enterprise who focuses in R&D, production and sales of advanced endovascular interventional medical devices. Founded in 2014, Medoo group is composed of Shenzhen Medoo Medical Tech. Co., Ltd., Shenzhen Medoo Medtech. Co., Ltd., Jiangsu Medoo Medical Equipment Tech. Co., Ltd. and Hongkong Medoo Medical Tech. Co., Ltd.

Medoo Partners have strong technical strength and strong support from Shenzhen Science and Technology Commission. Currently, Medoo has many core projects in the field of vascular intervention, severe heart failure and clinical surgery, including MeCross CTO high-performance semi-compliant pre-dilatation balloon catheter, MeCross NC high-performance non-compliant post-dilatation balloon catheter, MeCross PTA peripheral interventional balloon catheter, NeuCross neuro interventional balloon catheter, MeCross HP high-pressure balloon catheter, TAVI valve balloon catheter, Urinary stone extraction balloon catheter, Esophageal airway dilatation balloon catheter, ultrasonic scalpel, cardiac aid device, PCI accessory, etc.

Integrating the resources of clinical experts in cardiovascular intervention, scientists of Chinese Academy of Science and the R&D specialists on medical consumables of endovascular interventions, Medoo Medical has launched industry-university-research cooperation united with a number of universities and hospitals and established world-class R&D and production centers in Shenzhen and Jiangsu respectively. Medoo Medical has already passed BSISO13485 certification (MD:662153) and GMP certification of China. Its mainstream products have excellent performance, which approved by the European Union CE certification and China NMPA certification, welcomed by the customers all over the world. Medoo Medical not only carries out distribution business in the world with its own brand, but also provides professional OEM/ODM/CDMO production technical services for high-end vascular intervention medical device enterprises at home and abroad.

### Culture of Medoo

#### Craftsmanship Spirit

Pursue excellence in technology, strive for perfection and develop top level products.

#### Commitment to Quality

Strictly abide to laws and regulations, in order to ensure the health & safety of patients

#### Innovation for the Future

Focus on the future life science and technology, create a vigorous Medoo brand

#### Treasure the Life

Improve patients' physical & mental health, care for human beings, contribute to our society

### Goals of Medoo

- Develop Medoo Medical to the world's leading national high-end medical device brand
- Benefiting millions of patients with vascular diseases
- Pursue the harmony and unity of the enterprise, patients and society

#### Shenzhen Medoo Medical Tech. Co., Ltd.

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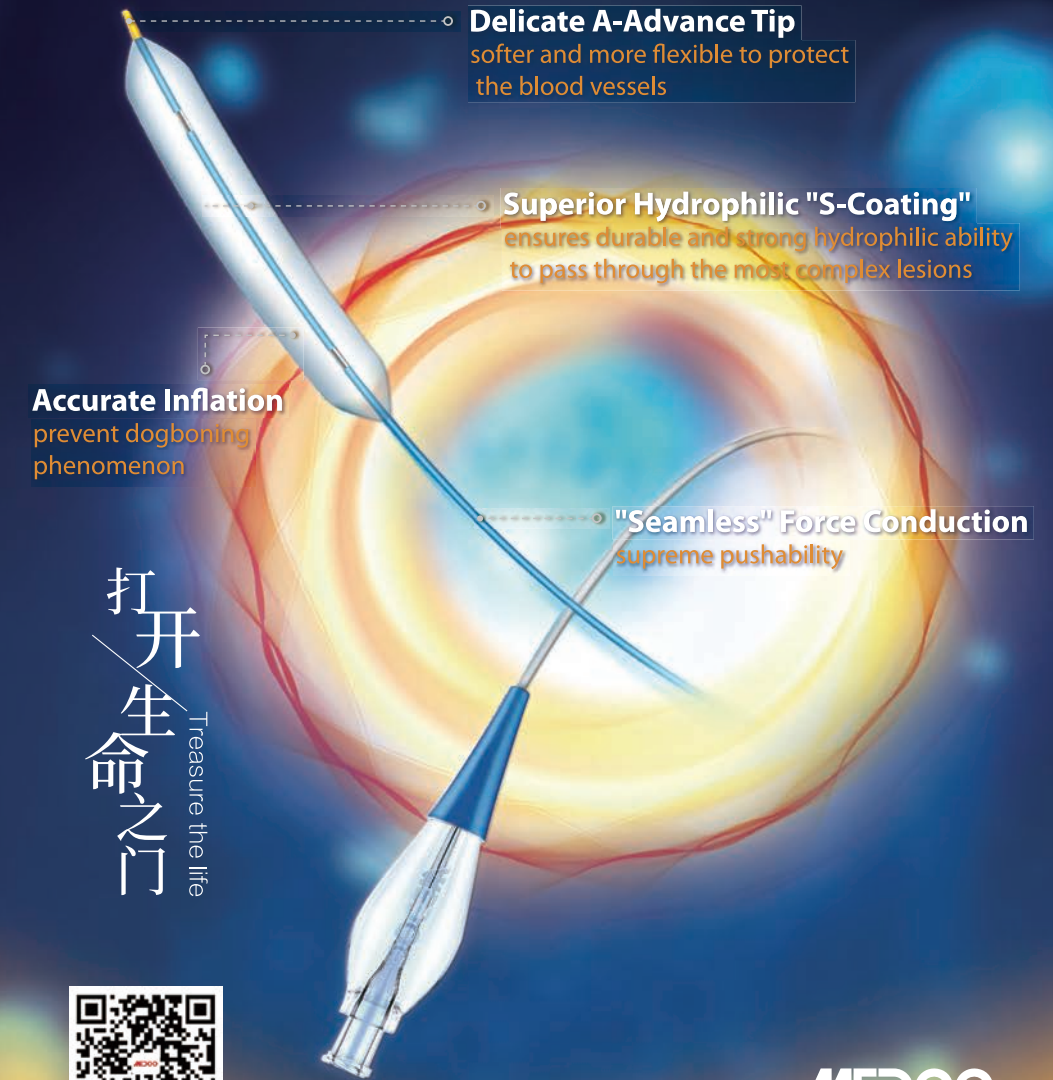
www.medoo.hk

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zy@medoo.hk

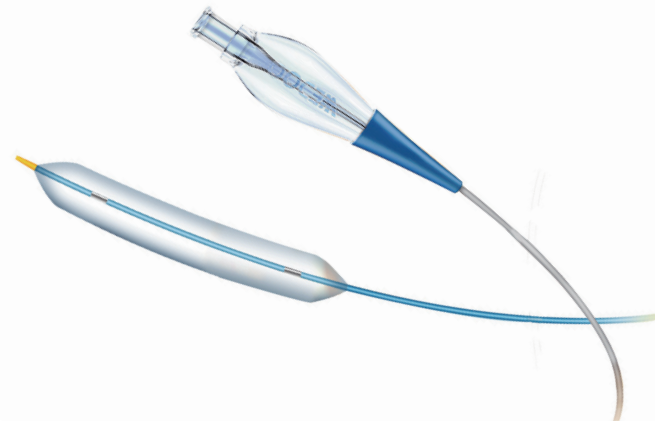


## Non-Compliant PTCA Balloon Dilatation Catheter [ MeCross NC ]

MeCross NC (RX type) Non-Compliant PTCA Balloon Catheter is a high performance post-dilatation balloon catheter (NMPA: 国械注准20183030555, CE662150) of MeCross family, which is designed for final dilation, hard calcification lesion dilation and in-stent dilation post DES deployment. 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 A-Advance Tip design ensures the product a superior crossing ability, while the new ultra-lubricated S-Coating hydrophilic coating also helps reduce shaft friction and further enhance the crossing ability to a new high level in PTCA surgery.

The diameter configuration which ranges from 2.0 mm to 5.0mm meets all post-dilatation clinical needs of PTCA surgery.



## TECHNICAL SPECIFICATION

### RX Design

Working length 140cm

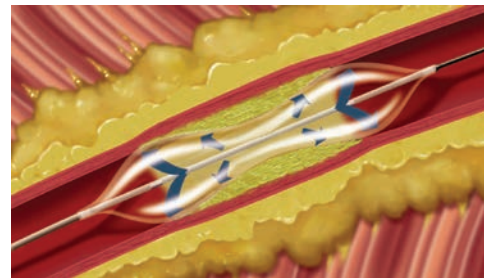
11 diameter configurations 2.0mm-5.0mm

5 length configurations 8mm, 10mm, 12mm, 15mm, 18mm

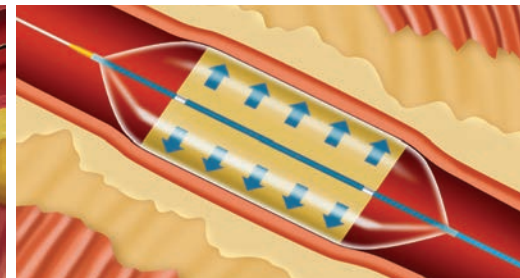
NP=12atm, RBP=22atm,  
Compliance=0.55%/(atm), low axial elongation 3%/(atm) while inflation

## Product Advantages

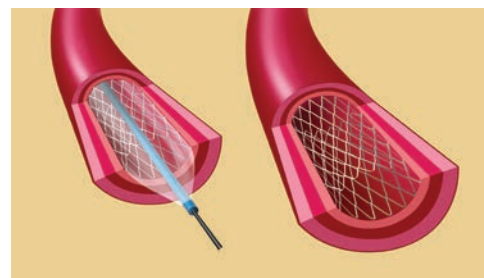
- Maximum diameter of 5.0mm can ensure the strongest post-dilatation force
- High pressure resistant, NP=12atm, RBP=22atm
- Accurate inflation is achieved by compliance of 0.55%/(atm) and axial elongation of 3%/(atm) to prevent dogboning phenomenon occurring
- Puncture-resistant performance enables easily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



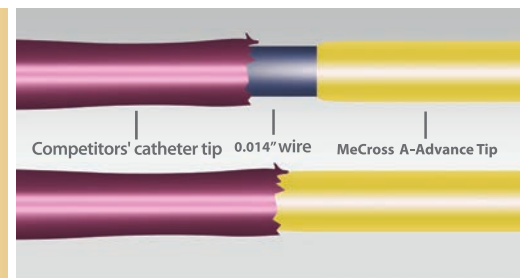
Dogboning phenomenon of regular balloon is detrimental to treatment.



MeCross NC ends dogboning phenomenon while dilatation.



Reliable under high pressure, suitable for post-dilatation.



A-Advance Tip successfully traverses the competitor's product tip.

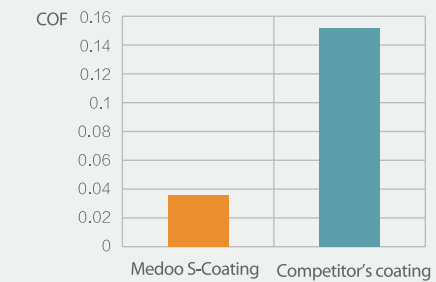
## Description of S-Coating

### 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

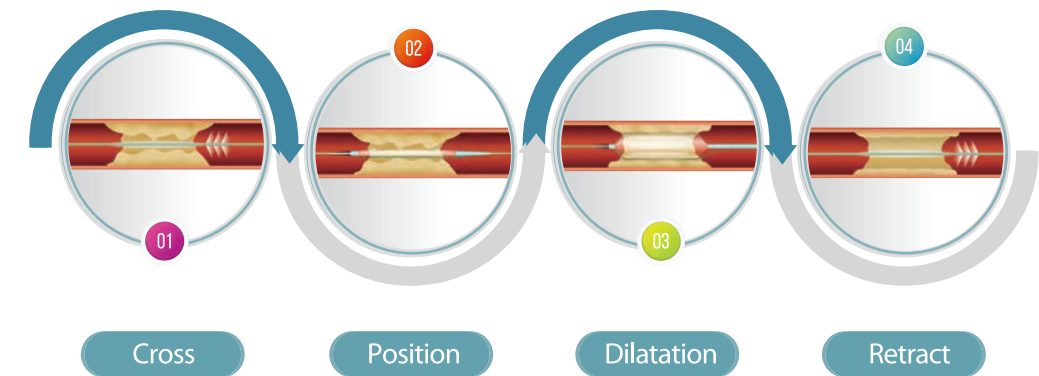
#### Coefficient of Friction(COF)



#### Comparison with Other Competitors

Item	Coating Performance
COF	COF of Medoo S-Coating=0.0353 COF of competitor's coating=0.151
Firmness	After 25 friction test cycles (gripping force=300g), Medoo S-Coating keeps stable and integrated, while competitor's coating is abraded.

## Instruction



Cross

Position

Dilatation

Retract