

MeCross CTO ϕ 2.0-4.0mm illustration



MeCross CTO ϕ 1.0-1.75mm distal illustration

ORDERING INFORMATION

ϕ (mm)	1.0	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.25	3.5	4.0
Length(mm)												
10	MC-01-1010	-1210	-1510	-1710	-2010	-2210	-2510	-2710	-3010	-3210	-3510	-4010
15	MC-01-1015	-1215	-1515	-1715	-2015	-2215	-2515	-2715	-3015	-3215	-3515	-4015
20	MC-01-1020	-1220	-1520	-1720	-2020	-2220	-2520	-2720	-3020	-3220	-3520	-4020
30	MC-01-1030	-1230	-1530	-1730	-2030	-2230	-2530	-2730	-3030	-3230	-3530	-4030

COMPLIANCE INFORMATION

ϕ (mm)	1.0	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.25	3.5	4.0
Pressure(atm)												
2	0.90	1.15	1.40	1.65	1.87	2.15	2.36	2.60	2.82	3.05	3.30	3.78
4	0.95	1.20	1.45	1.70	1.94	2.20	2.45	2.67	2.91	3.15	3.40	3.90
6(NP)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	1.05	1.30	1.55	1.80	2.05	2.35	2.57	2.85	3.10	3.35	3.63	4.13
10	1.10	1.35	1.60	1.85	2.11	2.40	2.64	2.95	3.18	3.45	3.74	4.25
12	1.15	1.40	1.65	1.90	2.19	2.50	2.71	3.00	3.27	3.55	3.85	4.35
14	1.20	1.45	1.70	1.95	2.25	2.55	2.80	3.05	3.35	3.65	3.95	4.45
16(RBP)	1.23	1.50	1.75	2.00	2.32	2.60	2.85	3.15	3.45	3.75	4.05	4.58
18	1.25	1.55	1.80	2.05	2.38	2.68	2.93	3.25	3.55	3.85	4.15	4.68



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	Commitment to Quality	Innovation for the Future	Treasure the Life
Pursue excellence in technology, strive for perfection and develop top level products.	Strictly abide to laws and regulations, in order to ensure the health & safety of patients	Focus on the future life science and technology, create a vigorous Medoo brand	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

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"Seamless" Force Conduction
supreme pushability

Superior Hydrophilic "S-Coating"
ensures durable and strong hydrophilic ability to pass through the most complex lesions

Minimum Diameter of 1.0mm
designed for chronic total occlusion stenosis

Delicate "A-Advance" Tip
excellent crossing performance

穿越无极限
Unlimited Crossing Force



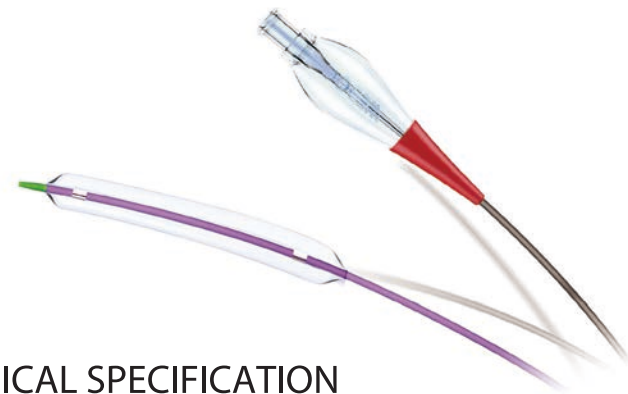
Semi-Compliant PTCA Balloon Dilatation Catheter [MeCross CTO]

MeCross CTO (RX type) Semi-Compliant PTCA Balloon Dilatation Catheter (NMPA: 国械注准 20183030557, CE662148) is a high performance pre-dilatation balloon catheter of MeCross family, which is designed for CTO and other chronic coronary stenosis. The latest technology of balloon design, materials and clinical requirements are applied to MeCross CTO to ensure an excellent crossing performance with safety.

MeCross CTO applies a design of low proximal shaft OD to ensure two balloons can be used inside one 6F guiding catheter in 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.

"Seamless" force conduction technology ensures the whole catheter a satisfied balance in the pushing and tracking ability, which makes MeCross CTO able to go through stenosis freely and deal with the hard calcification lesion in CTO case. The diameter configuration which ranges from 1.0mm to 4.0mm meets all pre-dilatation clinical needs of PTCA surgery.



TECHNICAL SPECIFICATION

RX Design

Working length 140cm

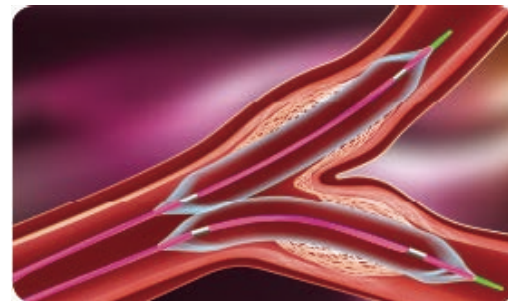
12 diameter configurations 1.0mm-4.0mm

4 length configurations 10mm, 15mm, 20mm, 30mm

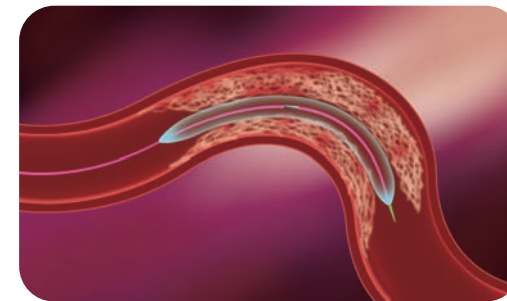
NP=6atm, RBP=16atm

Product Advantages

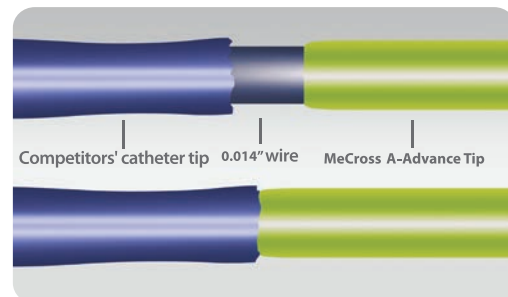
- Specially designed for CTO (1.0-1.25mm) and other chronic coronary stenosis pre-dilatation case
- Advantage of optimized CTO case configurations (1.0-1.25mm)
 - Suitable to extremely challenging lesions with minimum diameter of 1.0mm
 - Single marker design and laser rotary cut distal core attribute to excellent trackability and flexibility
 - Handle the most complex CTO lesion, unlimited crossing force
- "Seamless" force conduction technology ensures enough pushability
- "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 to make the catheter softer and more flexible to protect the blood vessels and defend the health
- Outstanding kissing capability to 6F guiding catheter



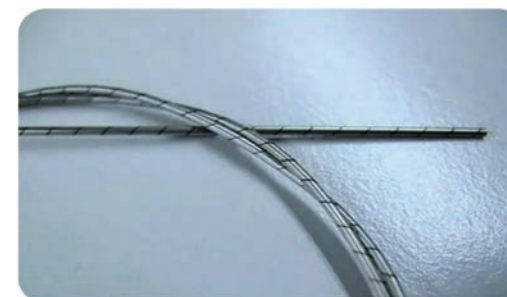
Outstanding kissing capability is suitable for 6F guiding catheter.



It can replace microcatheter to treat CTO case.



A-Advance Tip successfully traverses the competitors' tip.



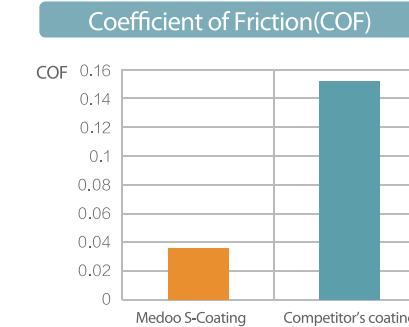
The laser rotary cut distal core keeps good flexibility.

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.

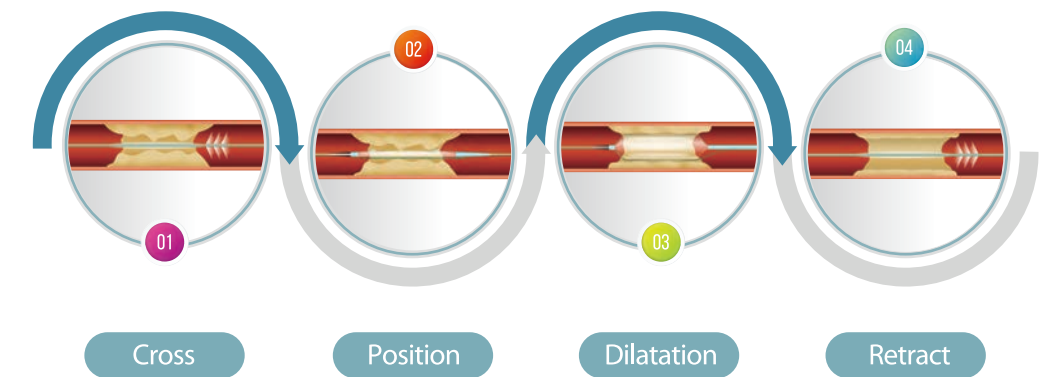
Medoo S-Coating vs. coating of competitor's catheter



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