

NeuCross RX Ø1.75-4.0mm illustration



NeuCross RX Ø1.0-1.5mm distal illustration

ORDERING INFORMATION

Balloon Length (mm)	Balloon Diameter(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
8	MC-11-1008	1208	1508	1708	2008	2208	2508	2708	3008	3208	3508	4008
10	MC-11-1010	1210	1510	1710	2010	2210	2510	2710	3010	3210	3510	4010
15	MC-11-1015	1215	1515	1715	2015	2215	2515	2715	3015	3215	3515	4015
20	MC-11-1020	1220	1520	1720	2020	2220	2520	2720	3020	3220	3520	4020

COMPLIANCE INFORMATION

ø(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 (RBP)	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



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 intervention-al 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 BSI ISO13485 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

Shenzhen Medoo Medical Tech. Co., Ltd.

Room A-408, Platform Building, Shenzhen Virtual University Park, Yuxing 2 Road, Nanshan district, Shenzhen, China  
+86 755-26928966  
www.medoo.hk

Jiangsu Medoo Medical Equipment Tech. Co., Ltd.

NO.32 Century Avenue, Dongkan Town, Binhai County, Yancheng, Jiangsu, 224500, China  
+86 515-84537776  
zzy@medoo.hk

Outer S-Coating and Inner Silicone Double Coatings ensures durable and strong hydrophilic ability to pass through the most complex lesions

"Seamless" Force Conduction supreme pushability

Small Outer Diameter extraordinary crossability

Delicate "A-Advance" Tip excellent crossing performance

守护生命之光  
Brighten the life





RX Intracranial Balloon Dilatation Catheter [ NeuCross RX ]

Medoo Medical is a world's leading enterprise in the production of both rapid exchange (RX) and over-the-wire (OTW) intracranial balloon dilatation catheters. The NeuCross RX intracranial balloon dilatation catheter (NMPA certification No.: 国械注准20223031201) is suitable for the interventional treatment of intracranial arterial stenosis. Mainly through the femoral artery (or femoral vein, carotid artery, radial artery and other brain related blood vessels) puncture, with the help of digital subtraction angiography system (DSA), under X-ray fluoroscopy, through the puncture equipment and use of special catheter to reach the neck or intracranial blood vessels, diagnosis and treatment of neck or intracranial blood vessels, spinal cord blood vessels lesions.

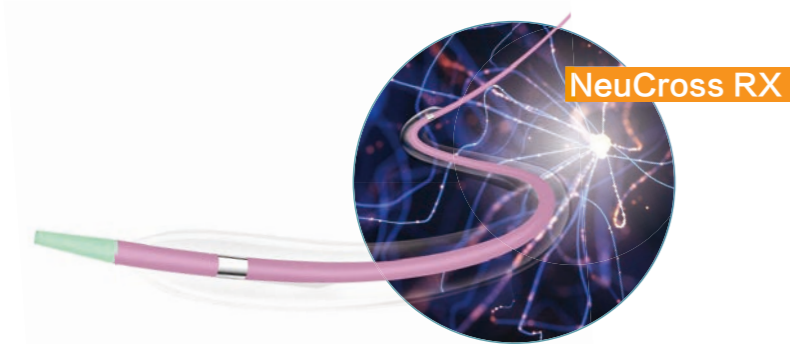
NeuCross RX has higher security, excellent pushability and passability. In terms of design and materials, Medoo Medical has made a breakthrough. The unique A-Advance tip can quickly pass through the lesion. Super "S-Coating" outer coating and internal silicone double coating make the operation easy. Small folding outer diameter provides extraordinary passability performance. "Seamless" Force Conduction provides supreme pushability. With 48 models (minimum balloon diameter 1.0mm), more specifications, more choices for clinical treatment, highly praised by experts.

Brighten the life. NeuCross RX offers unlimited possibilities for clinical specialists.



TECHNICAL SPECIFICATION

Performance	Specification
Nominal Pressure	6atm
Rated Burst Pressure	12atm
Guide Wire Compatibility	0.014"
Catheter Compatibility	5F



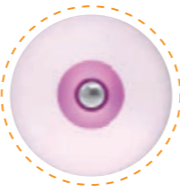
Product Advantages

Higher Security

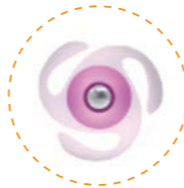
- RX design, simple operation, faster and more stable.
- Accurate inflation reduces the risk of vascular dissection
- Triple-folding technology, good rewrap performance of 0.030" outer diameter, easier to retreat after expansion, reducing vascular intima damage.
- Suitable with the tortuous vessels, safer to retreat after expansion.



Pre-dilatation



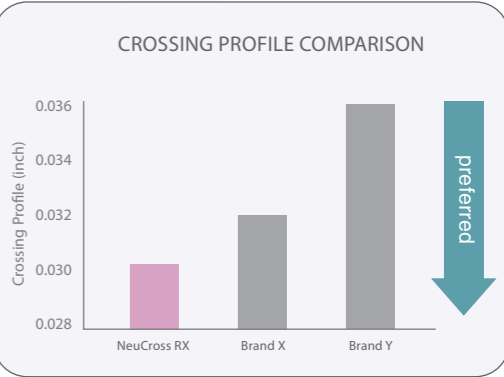
Dilatation



Rewrap

Excellent Push Ability

- Rotary cut hypotube provides independent support.
- Smooth transition improves support performance.
- Nickel-titanium core wire strengthen support.
- Guidewire lumen oily coating for easier push.



Extraordinary Crossability

- Ultra-thin balloon with 25% less wall thickness.
- Tip outer diameter 0.016", easily passes through the tortuous vessels and lesions.
- Minimum balloon diameter 1.0 mm, suitable for the most challenging lesions.