

TECHNICAL SPECIFICATIONS

Available Stent Length (mm)	8, 13, 16, 19, 24, 29, 32, 37, 40
Available Stent Diameter (mm)	2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50
Stent Material	L605 Cobalt Chromium
Design	Uniform sinusoidal cell design
Foreshortening	Nearly zero
Recoil	< 4%
Stent Strut thickness	65 μm
Balloon Delivery System	Rapid Exchange
Delivery System Usable Length	140 cm
Balloon Inflation Pressure	Nominal Pressure (NP): 9 atm Rated Burst Pressure (RBP): 16 atm (RBP for 4.5mm-14 atm)

ORDERING INFORMATION

Stent Diameter (mm)	Stent Length (mm)								
	8	13	16	19	24	29	32	37	40
2.25	CO2.2508	CO2.2513	CO2.2516	CO2.2519	CO2.2524	CO2.2529	CO2.2532	CO2.2537	CO2.2540
2.50	CO2.5008	CO2.5013	CO2.5016	CO2.5019	CO2.5024	CO2.5029	CO2.5032	CO2.5037	CO2.5040
2.75	CO2.7508	CO2.7513	CO2.7516	CO2.7519	CO2.7524	CO2.7529	CO2.7532	CO2.7537	CO2.7540
3.00	CO3.0008	CO3.0013	CO3.0016	CO3.0019	CO3.0024	CO3.0029	CO3.0032	CO3.0037	CO3.0040
3.50	CO3.5008	CO3.5013	CO3.5016	CO3.5019	CO3.5024	CO3.5029	CO3.5032	CO3.5037	CO3.5040
4.00	CO4.0008	CO4.0013	CO4.0016	CO4.0019	CO4.0024	CO4.0029	CO4.0032	CO4.0037	CO4.0040
4.50	CO4.5008	CO4.5013	CO4.5016	CO4.5019	CO4.5024	CO4.5029	CO4.5032	CO4.5037	CO4.5040

Nano Science for Innovative Therapies



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CURO™

Cobalt Chromium Coronary
Stent System



CURO™

Cobalt Chromium Coronary stent is the next generation Uniform sinusoidal cell geometry stent, designed to minimize stent induced arterial injury. It is carefully designed to incorporate controlled stent expansion characteristics, better stent-artery compliance, superior acute gain, optimum cell sizes & shape, lower strut thickness and high flexibility.

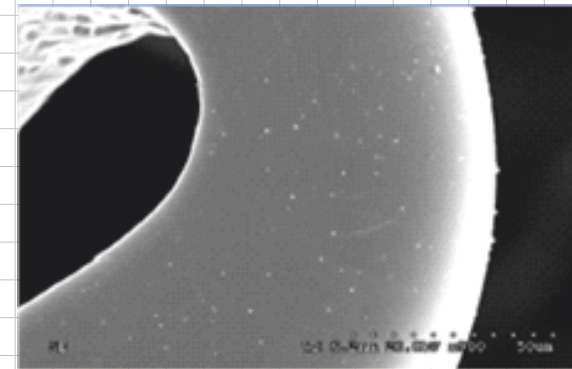
Design Comparison of Curo

BMS Characteristics	Liberte	Driver	ML Vision	CURO
Strut Thickness	132 μm	91 μm	81 μm	65 μm
Stent Material	SS	CoNi	CoCr	CoCr
Crossing Profile	>1mm	1.1 mm	<1mm	<1mm

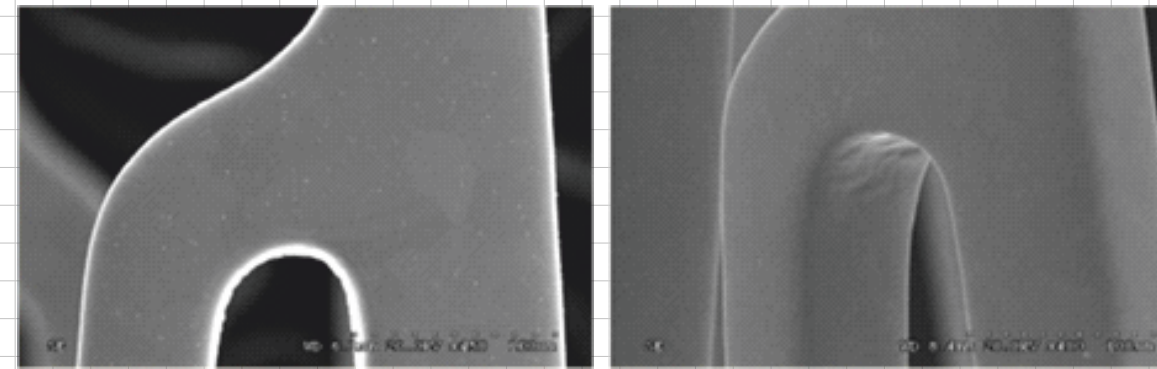
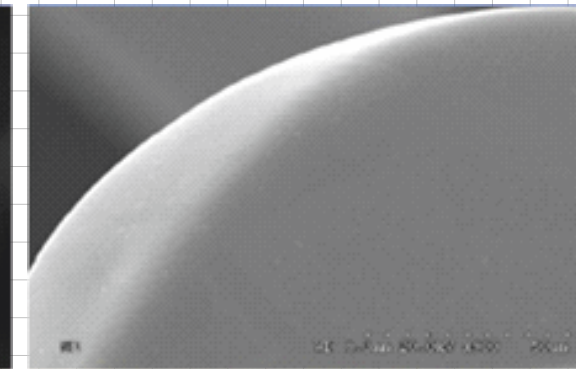
High Flexibility of Curo Stent



Without Nano Surface Finish

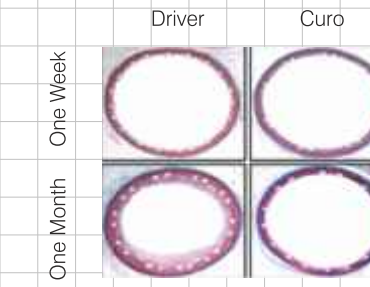


With Nano Surface Finish

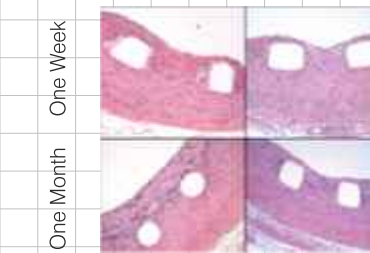


SEM Images of Curo Stent

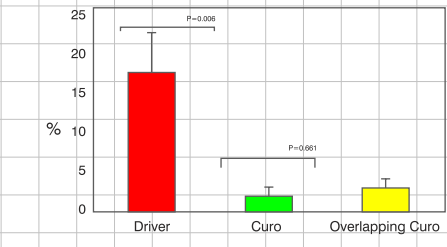
Results of Animal Study in Porcine Model



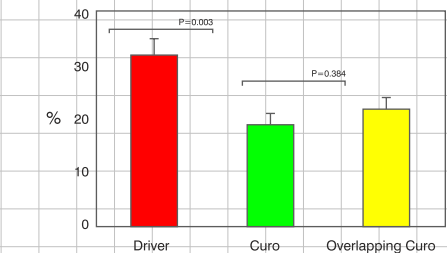
Low-magnification microscopic images of sections from one week and one month samples (X20)



High-magnification microscopic images of sections from one week and one month samples (x100)



Angiographic % diameter stenosis at one month



Histological % area stenosis at one month