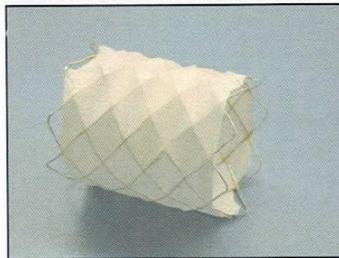


CP STENT™

Bare and Covered Stent*



Stent Characteristics

The CP Stent™ is composed of 0.013" platinum/iridium wire that is arranged in a "zig" pattern, laser welded at each joint and over braided with 24K gold. It allows expansion from 12.0 mm to 24.0 mm. The Covered CP Stent™ is comprised of the Bare CP Stent that is covered with an expandable sleeve of ePTFE.

Bare Stent

Indicated for implantation in the native and/or recurrent coarctation of the aorta on patients with the following clinical conditions:

- Stenosis of the aorta resulting in significant anatomic narrowing as determined by angiography or non-invasive imaging, i.e. echocardiography, magnetic resonance imaging (MRI), CT Scan;
- Stenosis of the aorta resulting in hemodynamic alterations, resulting in systolic pressure gradient, systemic hypertension or altered left ventricular function;
- Stenosis of the aorta where balloon angioplasty is ineffective or contraindicated;
- Stenosis diameter >20% of the adjacent vessel diameter.

Covered Stent

Indicated for implantation in the native and/or recurrent coarctation of the aorta on patients with the following clinical conditions:

- Stenosis of the aorta resulting in significant anatomic narrowing as determined by angiography or non-invasive imaging, i.e. echocardiography, magnetic resonance imaging (MRI), CT Scan;
- Stenosis of the aorta resulting in hemodynamic alterations, resulting in systolic pressure gradient, systemic hypertension or altered left ventricular function;
- Stenosis of the aorta where balloon angioplasty is ineffective or contraindicated;
- Stenosis diameter <20% of the adjacent vessel diameter;
- Stenosis that would present increased risk of vascular damage or disruption;
- Aneurysm associated with coarctation of the aorta.

NuMED recommends
using the
BIB Stent Placement

CP Stent™ Specifications

Stent Length (CM)	Configuration (Number of Zigs)	Platinum Wire (Inches)	Bare Stent Catalog No.	Covered Stent Catalog No.
1.6	8	0.013	CP8Z16	CVRDCP8Z16
2.2	8	0.013	CP8Z22	CVRDCP8Z22
2.8	8	0.013	CP8Z28	CVRDCP8Z28
3.4	8	0.013	CP8Z34	CVRDCP8Z34
3.9	8	0.013	CP8Z39	CVRDCP8Z39
4.5	8	0.013	CP8Z45	CVRDCP8Z45

INFLATED BALLOON DIAMETER	CP8Z16 (LENGTH AFTER EXPANSION) (%SHORTENING)	CP8Z22 (LENGTH AFTER EXPANSION) (%SHORTENING)	CP8Z28 (LENGTH AFTER EXPANSION) (%SHORTENING)	CP8Z34 (LENGTH AFTER EXPANSION) (%SHORTENING)	CP8Z39 (LENGTH AFTER EXPANSION) (%SHORTENING)	CP8Z45 (LENGTH AFTER EXPANSION) (%SHORTENING)
12mm	1.61cm (2.8%)	2.18cm (0.8%)	2.62cm (4.4%)	3.23cm (3.1%)	3.72cm (1.9%)	4.17cm (3.8%)
14mm	1.54cm (6.5%)	2.08cm (5.4%)	2.56cm (6.8%)	3.15cm (5.4%)	3.66cm (3.6%)	3.97cm (8.4%)
15mm	1.51cm (8.5%)	2.02cm (7.9%)	2.51cm (8.6%)	3.10cm (7.0%)	3.54cm (6.6%)	3.94cm (9.2%)
16mm	1.48cm (10.6%)	1.98cm (10.1%)	2.45cm (10.7%)	3.00cm (9.8%)	3.48cm (8.2%)	3.84cm (11.4%)
18mm	1.43cm (13.7%)	1.89cm (14.0%)	2.38cm (13.3%)	2.88cm (13.5%)	3.20cm (15.6%)	3.71cm (14.5%)
20mm	1.32cm (20.0%)	1.80cm (17.9%)	2.30cm (16.3%)	2.63cm (20.9%)	2.96cm (21.9%)	3.27cm (24.7%)
22mm	1.23cm (25.4%)	1.67cm (23.9%)	2.09cm (24.0%)	2.46cm (26.0%)	2.85cm (25.0%)	3.15cm (27.3%)
24mm	1.05cm (36.4%)	1.46cm (33.8%)	1.91cm (30.3%)	2.07cm (37.9%)	2.27cm (40.1%)	2.83cm (34.9%)

BIB DELIVERY CATHETER BALLOON DIA. AND INTRO. SIZE	REQUIRED INTRODUCER WITH BARE CP STENT	REQUIRED INTRODUCER WITH COVERED CP STENT
12MM (8F)	10F	12F
14MM (8F)	10F	12F
15MM (9F)	11F	12F
16MM (9F)	11F	12F
18MM (10F)	11F	14F
20MM (10F)	12F	14F
22MM (11F)	12F	14F
24MM (11F)	12F	14F

* NOT FOR SALE IN THE U.S.A.