An anatomical illustration of a heart, showing a catheter with a large, inflated balloon inserted into the aorta. The catheter is connected to a long, thin tube that loops back out of the body. The heart's chambers and major vessels are depicted in various colors, including red, blue, and tan.

Z-MED™, Z-MED II™ and NuCLEUS-X™

Balloon Aortic and Pulmonic
Valvuloplasty Catheters

ESTABLISHED. PROVEN. EFFECTIVE.

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Balloon Aortic and Pulmonic Valvuloplasty Catheters

ESTABLISHED. PROVEN. EFFECTIVE.

For over 30 years, B. Braun Interventional Systems has been and continues to be a trusted industry leader in providing high quality valvuloplasty brands. Z-MED, Z-MED II and NuCLEUS-X are proven devices with excellent product features for dependable performance and procedural efficiency.

Z-MED II™/Z-MED™ Line

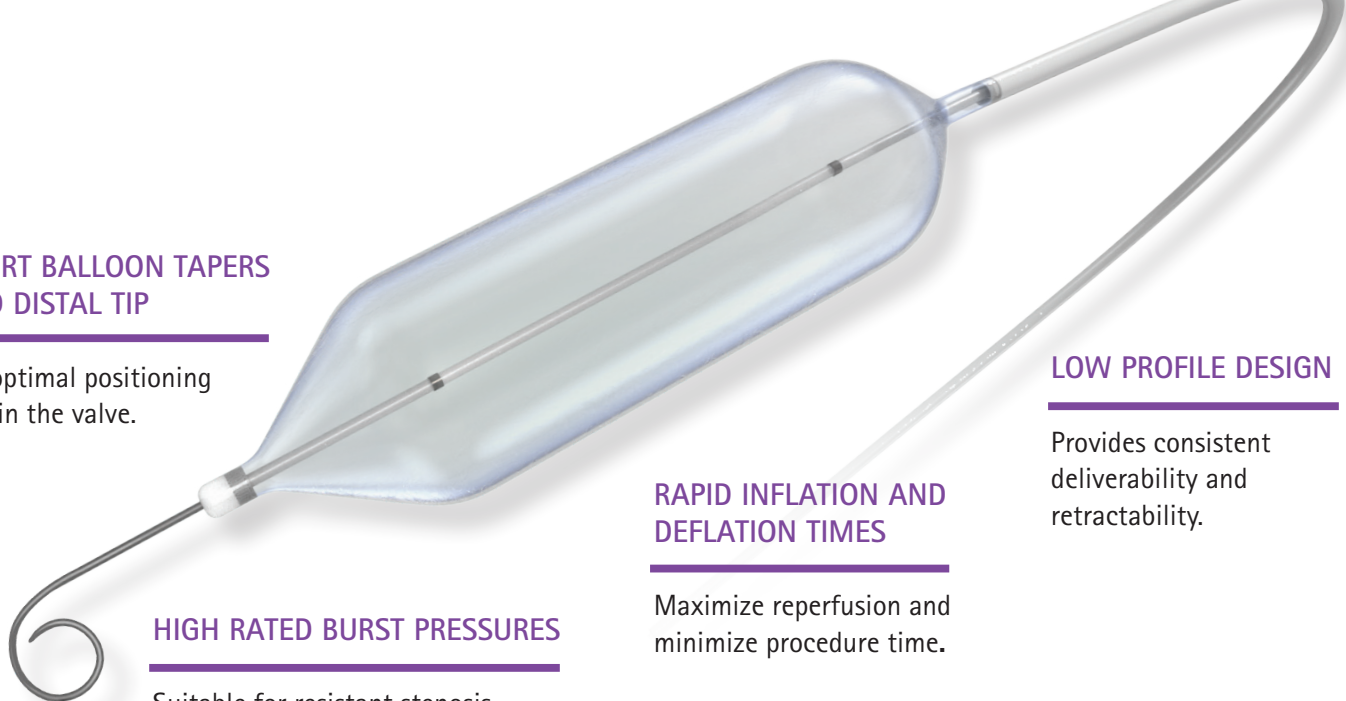
Features high rated burst pressures with a comprehensive size offering.

Model	Reference Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (Fr)	Useable Length (cm)	Rated Burst Pressure (atm)
Z-MED II™	611700	4	2	5	100	15
Z-MED II™	611701	4	3	5	100	15
Z-MED II™	611705	5	2	6	100	15
Z-MED II™	611706	5	3	6	100	15
Z-MED II™	611707	5	4	6	100	15
Z-MED II™	611710	6	2	6	100	15
Z-MED II™	611711	6	3	6	100	15
Z-MED II™	611712	6	4	6	100	15
Z-MED II™	611715	7	2	6	100	15
Z-MED II™	611716	7	3	6	100	15
Z-MED II™	611717	7	4	6	100	15
Z-MED II™	611720	8	2	7	100	15
Z-MED II™	611721	8	3	7	100	15
Z-MED II™	611722	8	4	7	100	15
Z-MED II™	611725	9	2	7	100	14
Z-MED II™	611726	9	3	7	100	14
Z-MED II™	611727	9	4	7	100	14
Z-MED II™	611730	10	2	7	100	13
Z-MED II™	611731	10	3	7	100	13
Z-MED II™	611732	10	4	7	100	13
Z-MED II™	611733	10	5	7	100	13
Z-MED II™	611788	11	3	8	100	10
Z-MED II™	611799	11	4	8	100	10
Z-MED II™	611735	12	2	8	100	10
Z-MED II™	611653	12	2.5	8	100	10
Z-MED II™	611736	12	3	8	100	10
Z-MED II™	611694	12	3.5	8	100	10
Z-MED II™	611737	12	4	8	100	10
Z-MED II™	611738	12	5	8	100	10
Z-MED II™	611739	12	6	8	100	10
Z-MED™	611695	14	2	9	85	6
Z-MED™	611650	14	2	9	120	6
Z-MED™	610458	14	3	9	85	6

Model	Reference Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (Fr)	Useable Length (cm)	Rated Burst Pressure (atm)
Z-MED II™	611740	14	3	9	100	10
Z-MED II™	611741	14	4	9	100	10
Z-MED II™	611742	14	5	9	100	10
Z-MED II™	611743	14	6	9	100	10
Z-MED™	610498	15	2	9	100	5
Z-MED II™	611744	15	3	9	100	8
Z-MED II™	611745	15	4	9	100	8
Z-MED II™	611746	15	5	9	100	8
Z-MED II™	611747	15	6	9	100	8
Z-MED™	611651	16	2	9	120	5
Z-MED II™	611748	16	3	9	100	8
Z-MED II™	611749	16	4	9	100	8
Z-MED II™	611750	16	5	9	100	8
Z-MED II™	611751	16	6	9	100	8
Z-MED™	611652	18	2	10	120	4
Z-MED II™	611752	18	3	10	100	7
Z-MED II™	611753	18	4	10	100	7
Z-MED II™	611754	18	5	10	100	7
Z-MED II™	611755	18	6	10	100	7
Z-MED II™	611756	20	3	12	100	5
Z-MED II™	611757	20	4	12	100	5
Z-MED II™	611003	20	4.5	11	110	5
Z-MED II™	611758	20	5	12	100	5
Z-MED II™	611759	20	6	12	100	5
Z-MED II™	611760	22	3	12	100	4
Z-MED II™	611761	22	4	12	100	4
Z-MED II™	611004	22	4.5	12	110	4
Z-MED II™	611762	22	5	12	100	4
Z-MED II™	611763	22	6	12	100	4
Z-MED™	611685	23	2	12	85	3
Z-MED™	611812	23	2	12	120	3
Z-MED™	611818	23	3	12	120	3
Z-MED II™	611764	23	3	14	100	4

SHORT BALLOON TAPERS AND DISTAL TIP

For optimal positioning within the valve.



LOW PROFILE DESIGN

Provides consistent deliverability and retractability.

RAPID INFLATION AND DEFLATION TIMES

Maximize reperfusion and minimize procedure time.

HIGH RATED BURST PRESSURES

Suitable for resistant stenosis.

Model	Reference Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (Fr)	Useable Length (cm)	Rated Burst Pressure (atm)
Z-MED II™	611804	23	3	14	120	4
Z-MED™	611807	23	4	12	120	3
Z-MED II™	611765	23	4	14	100	4
Z-MED™	611565	23	5	12	100	3
Z-MED II™	611766	23	5	14	100	4
Z-MED II™	611767	23	6	14	100	4
Z-MED™	611680	24	2	12	75	3
Z-MED™	611684	24	3	12	100	3
Z-MED™	611819	24	4	12	100	3
Z-MED II™	611800	25	2	14	100	4
Z-MED II™	611802	25	2	14	85	4
Z-MED™	611816	25	3	12	100	3
Z-MED™	611817	25	3	12	120	3
Z-MED II™	611768	25	3	14	100	4
Z-MED II™	611805	25	3	14	120	4
Z-MED™	610463	25	4	12	85	3
Z-MED™	610489	25	4	12	100	3
Z-MED II™	611769	25	4	14	100	4
Z-MED II™	611005	25	4.5	12	110	4
Z-MED™	610232	25	5	12	100	3
Z-MED™	610496	25	5	12	120	3
Z-MED II™	611770	25	5	14	100	4
Z-MED™	611479	25	6	12	100	3
Z-MED II™	611771	25	6	14	100	4
Z-MED™	611678	25	8	12	100	3
Z-MED II™	611655	26	2	14	100	4
Z-MED™	611686	26	2	12	85	3
Z-MED™	611821	26	2	12	100	3
Z-MED™	611681	26	3	12	75	3
Z-MED™	611823	26	4	12	75	3
Z-MED™	611820	26	4	12	100	3
Z-MED II™	611659	26	4	14	100	4
Z-MED™	611682	26	6	12	100	3

Model	Reference Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (Fr)	Useable Length (cm)	Rated Burst Pressure (atm)
Z-MED™	611803	28	2	12	85	2
Z-MED™	611813	28	2	12	120	2
Z-MED II™	611656	28	2	16	100	3.5
Z-MED™	611787	28	3	12	85	2
Z-MED™	611810	28	3	12	120	2
Z-MED™	611824	28	4	12	75	2
Z-MED™	610465	28	4	12	85	2
Z-MED™	611806	28	4	12	120	2
Z-MED II™	611660	28	4	16	100	3.5
Z-MED™	611683	28	6	12	100	2
Z-MED™	611801	30	2	14	85	2
Z-MED™	611814	30	2	14	120	2
Z-MED II™	611657	30	2	16	100	3
Z-MED™	611786	30	3	14	85	2
Z-MED™	611811	30	3	14	120	2
Z-MED™	611822	30	4	14	75	2
Z-MED™	610466	30	4	14	85	2
Z-MED™	611815	30	4	14	120	2
Z-MED II™	611661	30	4	16	100	3
Z-MED II™	611675	30	5	16	100	3
Z-MED II™	611658	30	6	16	100	3
Z-MED™	611560	30	6	14	100	2
Z-MED™	611679	30	8	14	100	2
Z-MED™	611687	33	2	16	75	1.5
Z-MED™	611669	33	4	16	100	1.5
Z-MED™	611670	33	6	16	100	1.5
Z-MED™	611671	35	4	16	100	1.5
Z-MED™	611672	35	6	16	100	1.5
Z-MED™	611673	40	4	16	100	1
Z-MED™	611674	40	6	16	100	1

Balloon Diameter 4-7 mm has 0.025" Guidewire Compatibility.
Balloon Diameter 8-40 mm has 0.035" Guidewire Compatibility.

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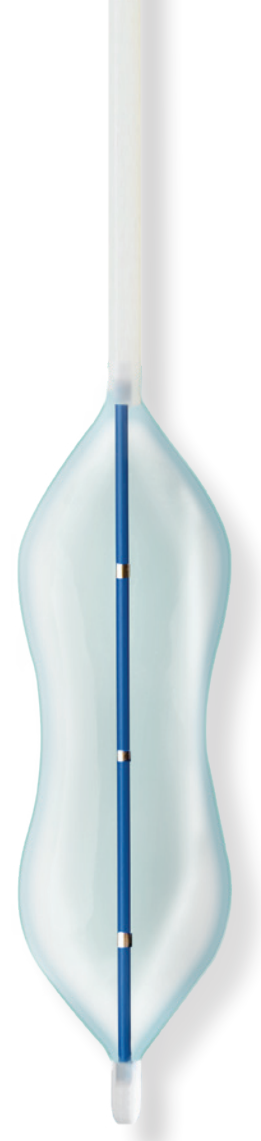
Balloon Aortic and Pulmonic Valvuloplasty Catheters

NuCLEUS-X™ Line

Designed with a waist formed in the middle to facilitate seating in the valve annulus and a braided inner lumen for optimal performance.

Reference Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (Fr)	Useable Length (cm)	Rated Burst Pressure (atm)
612038	18	4	10	110	4
612021	18	5	10	110	4
612039	18	6	10	110	4
612023	20	4	12	110	4
612024	20	5	12	110	4
612025	20	6	12	110	4
612026	22	4	12	110	3
612027	22	5	12	110	3
612028	22	6	12	110	3
612029	25	4	12	110	3
612040	25	5	12	110	3
612031	25	6	12	110	3
612032	28	4	12	110	2
612033	28	5	12	110	2
612034	28	6	12	110	2
612035	30	4	14	110	2
612036	30	5	14	110	2
612037	30	6	14	110	2

0.035" Guidewire Compatibility



Indications for Use

Z-MED, Z-MED II and NuCLEUS-X are recommended for Balloon Aortic Valvuloplasty (BAV) and Percutaneous Transluminal Valvuloplasty (PTV) of the pulmonary valve.

- A patient with isolated pulmonary stenosis.
- A patient with valvular pulmonary stenosis with other minor congenital heart disease that does not require surgical intervention.

Refer to the Instructions for Use for complete indications, relevant warnings, precautions, complications and contraindications.

Rx only

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