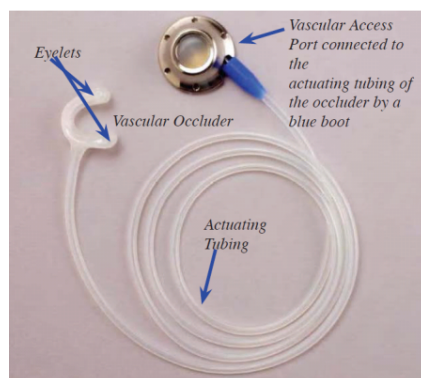




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Occluders



Features

Inflatable Silicone Cuffs

These inflatable silicone cuffs are designed for the occlusion and constriction of blood vessels and soft organs without traction or displacement of the surrounding tissue. They are soft and flexible with a smooth outer finish and offer reliable performance during chronic implantations. They achieve the full range of vascular constriction for accurate circulatory research studies and offer gentle constriction of soft organs for acute or chronic studies. Occluders can be externalized or attached to any model of vascular access port for a totally subcutaneous system. Instructions for use are available.

Occluders are available in standard lumen sizes ranging from 1.5mm to 24mm. Lumen sizes of 10mm to 24mm are also available in a heavy duty model. Heavy Duty (HD*) occluders are designed for greater resistance to rupture with a thicker cuff and diaphragm to withstand back pressures beyond the physiological norm. They maintain a high degree of sensitivity and produce consistently excellent results.

Ordering information



Catalog	Lumen	Cuff	Cuff	
nr.	Diameter	Width	Thickness	General Information



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OC1,5	1,5 mm	3,5 mm	1,5 mm	The occluder cuff dimensions when deflated are usually the determining factor in the selection of the proper size device. The actuating tube length is 90cm. Longer lengths are available on request. Lengths over 2 meters are not recommended. Actuating tubing diameters: OC 1.5-10 including HD* series: ID 0.8mm x OD 1.6mm OC 12-24 including HD* series: ID 1.0mm x OD 2.1mm
OC2	2 mm	5 mm	1,5 mm	
OC3	3 mm	5 mm	1,5 mm	
OC5	5 mm	5 mm	2 mm	
OC8	5 mm	7 mm	2 mm	
OC12	12 mm	8 mm	2,5 mm	
OC14	14 mm	8 mm	2,5 mm	
OC16	16 mm	12 mm	2,5 mm	
OC20	20 mm	12 mm	2,5 mm	
OC24	24 mm	12 mm	2,5 mm	
OC10HD	10 mm	9 mm	3 mm	
OC12HD	12 mm	9 mm	3 mm	
OC14HD	14 mm	9 mm	3 mm	
OC16HD	16 mm	13 mm	4 mm	

To order an occluder with a vascular access port, specify the port model and occluder lumen size you require. If you require only the occluder, just specify the lumen diameter.

Examples: The catalog number CP4-OC12 indicates a medium titanium ClearPort with an occluder whose lumen size is 12mm. If you require a heavy duty occluder model, use the suffix HD after the lumen size - CP4-OC12HD.

Occluder Operation

Apply the Occluder cuff around the exposed blood vessel and secure in place with a suture material through the eyelets.

Occlude the vessel by inflating the diaphragm with air or liquid injected into the actuating tube using a syringe and bluntneedle. Clamp the tubing to maintain occlusion of the vessel over time. To deflate, simply withdraw the air or liquid.



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