

Carotid Shunt Flow Rates
provided by Implantable Devices (800) 783-3352

<u>No. Shunt</u>	<u>Flow Rate / Min.</u>	<u>Type of Shunt / Model Number</u>	<u>Description</u>
	860 cc		
1	532 cc	Argyle 14fr. inlying	14 fr. ID Both ends 0.112"
2	469 cc	Argyle 12fr. inlying	12fr. ID Both ends 0.094"
3	450 cc	Sundt NL850-5072 outlying	large end ID is 3 mm (.117") & small end ID is 2 mm (.078")
4	433 cc	Javid 17fr. to 10fr. outlying	large end ID is 0.152" & small end ID is 0.078"
5	388 cc	SDS1014JT, SCS1014JT, SDS1014J, & SCS1014J outlying	14fr. to 8fr. large end ID is 0.120" & small end ID is 0.070"
6	348 cc	SDS1209, SDS1209BT, & SCS1209BT inlying	12fr. to 9fr. large end ID is 0.098" & small end ID is 0.070"
7	333 cc	DWR1310B & WR1310B inlying	large end ID is 0.110" & small end ID is 0.055"
8	325 cc	Argyle 10fr. inlying	10fr. ID Both ends 0.080"
9	291 cc	DB5000IT & DB2000I inlying	9 fr. ID both ends 0.064"
10	269 cc	Brener inlying	14fr. to 9fr. large end ID is .110" & small end ID is 0.060"
11	258 cc	LS1408 inlying	14fr. to 8fr. large end ID is 0.120" & small end ID is 0.060"
12	244 cc	WR1409 & DWR1409 outlying	large end ID is 0.118" & small end ID is 0.068"
13	230 cc	Pruitt outlying 2012-10 outlying	9fr. ID on both ends 0.066"
14	230 cc	DBD1009P, DB1009P, DBD1009PT & DB1009PT outlying	9fr. ID on both ends 0.064"
15	196 cc	DWR1409SB & WR1409SB	Large end ID is 0.110" & small end ID is 0.055"
16	183 cc	Sundt NL850-5071 outlying	large end ID is 3.1mm (.112") & small end ID is 1.6mm (.053")
17	169 cc	Vascushunt 9fr. outlying	9fr. ID both ends 0.068"
18	158 cc	Arglye 8fr. inlying	8fr. ID Both ends 0.064"
19	117 cc	Sundt NL850-5070 outlying	large end ID is 2.05mm (.080") & small end ID is 1.12mm (.044")

Note: All shunts in Bold are available from Implantable Devices and are available with or without the Doppler feature.

Method

Set up flow apparatus as per BS7174 protocol. Have water level constant by attaching a pump and the water level 39 inches above the beginning of shunt. Flow rate without shunt to be at least 850 ml per minute. Place large end of shunt in silicone tubing and secure shunt in tube. Flush air from the system by allowing water to flow briefly through the shunt. Empty water collected in tank and start test by releasing clamp and start timer simultaneously. At end of 3 minutes, measure the water that is collected and record. Collected water may be put back in first tank again. This is repeated 3 times with the 3 min. water collection recorded. To get flow of ml per minute, divide by 3.