

Essential Biventricular Implant Equipment

In addition to either Medtronic or Guidant implant equipment, at least two of each of these items must be IN the implant room for each case

Product Description	Length	Diameter		Manufacturer	Order Number
		OD	ID		

Coronary Sinus Access and Telescoping System Platform

9F SafeSheath-CSG Worley STD with braided core	40cm	11F	9F	Pressure Products	CSG/worley/BCor-1-09-STD
9F SafeSheath-CSG Worley Jumbo with braided core	49cm	11F	9F	Pressure Products	CSG/worley/Bcor-2-09-LRG

SafeSheath-Worley Telescoping Braided Guides for Direct Lead Delivery to Target Vein For difficult veins, these Guides are inserted through the SafeSheath-CSG Worley (9F guide fits through 9F sheath) directly into the target vein. Both Medtronic ATTAIN (2187 and 4193) and Guidant leads fit though these 9F OD/7F ID guides. The 9F Worley Telescopic Braided guides will also accept a .014 angioplasty wire beside the ATTAIN leads (Buddy Wire) if needed. Pressure Products released this line of braided guides with hemostatic valves in the Fall of 2003.

Renal Shape Worley Braided Telescopic Guide	60cm	9F	7F	Pressure Products	LVI/Tele/B-60-07-RE
Hockey Stick Worley Braided Telescopic Guide	60cm	9F	7F	Pressure Products	LVI/Tele/B-60-07-HS
Hook Shape Worley Braided Telescopic Guide	60cm	9F	7F	Pressure Products	LVI/Tele/B-60-07-HK
Multi-purpose Worley Braided Telescopic Guide	60cm	9F	7F	Pressure Products	LVI/Tele/B-60-07-MP

Small Catheters for Directing Wires Into the Target Vein and Wire Exchange and Addition

Micro Guide Catheter (*see comments below *)	82cm	4.5F	3.2F	LuMend	MCG-3990
Soft-Vu Braided Berenstein	65cm	4F	.035in	Angiodynamics	
Soft-Vu Braided Hockeystick	65cm	5F	.035in	Angiodynamics	
Soft-Vu Braided Hook(1)	65cm	5F	.035in	Angiodynamics	

Balloon for Occlusive Coronary Sinus Venography

balloon catheter for occlusive CS venography				Pressure Products	BVCS6180
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Angioplasty Guide Wires for Over the Wire LV Pacing Lead

The brand of wire is not critical. Most companies make a floppy, medium support and extra support

Medium support Guide Wire (eg. Luge)	180cm	.014 inch		Boston Scientific	12130-01 / 12100-01
Low Support or "Floppy" Wire (Choice PT Floppy)	180cm	.014 inch		Boston Scientific	12160-01/ 12154-01
Extra SupportWire (Choce PT Extra Support)	180cm	.014 inch		Boston Scientific	12161-01 / 12155-01
Super Support (eg. Platinum Plus or Iron Man)	300cm	.014 inch		Boston Scientific	1752
Torque Device (Steering handle) for angioplasty wire					
Introducer for the angioplasty wire					

Guide Wires for Sheaths and Telescopic Braided Guides

Here the brand and description of thr wire is important.

Terumo Angled Glidewire	150cm	.035 inch		Boston Scientific	46-151
Torque Device (Steering handle) for Angled Glidewire					
Emerald Guidewire	180cm	.032 inch		Cordis	502-454
TFE Coated Curved (J tip) Amplatz Extra Stiff Wire	180 cm	.032 inch		Cook	121649

Simplified Contrast Injestion System

The components of the contrast injection must be on the table and assembled before the case starts

10ml Contrast Injection Control Syringe					
3 Way Stop Cock					
30ml syringe (to serve as the contrast reservoir)					
12-18 inch tubing with male/ female ends					
Y Adapter with luer lock					

the Micro Guide catheter consists of an inner and outer catheter. With the inner catheter in place, the inner diameter is .014 inch enabling the Micro Guide to track easily over a standard angioplasty wire. Once the Micro Guide is in place the inner catheter is removed increasing the lumen to 3.2F which is large enough for two .014 angioplasty wires or an .035 inch guide wire The Micro Guide is an essential tool for adding a buddy wire or increasing wire support