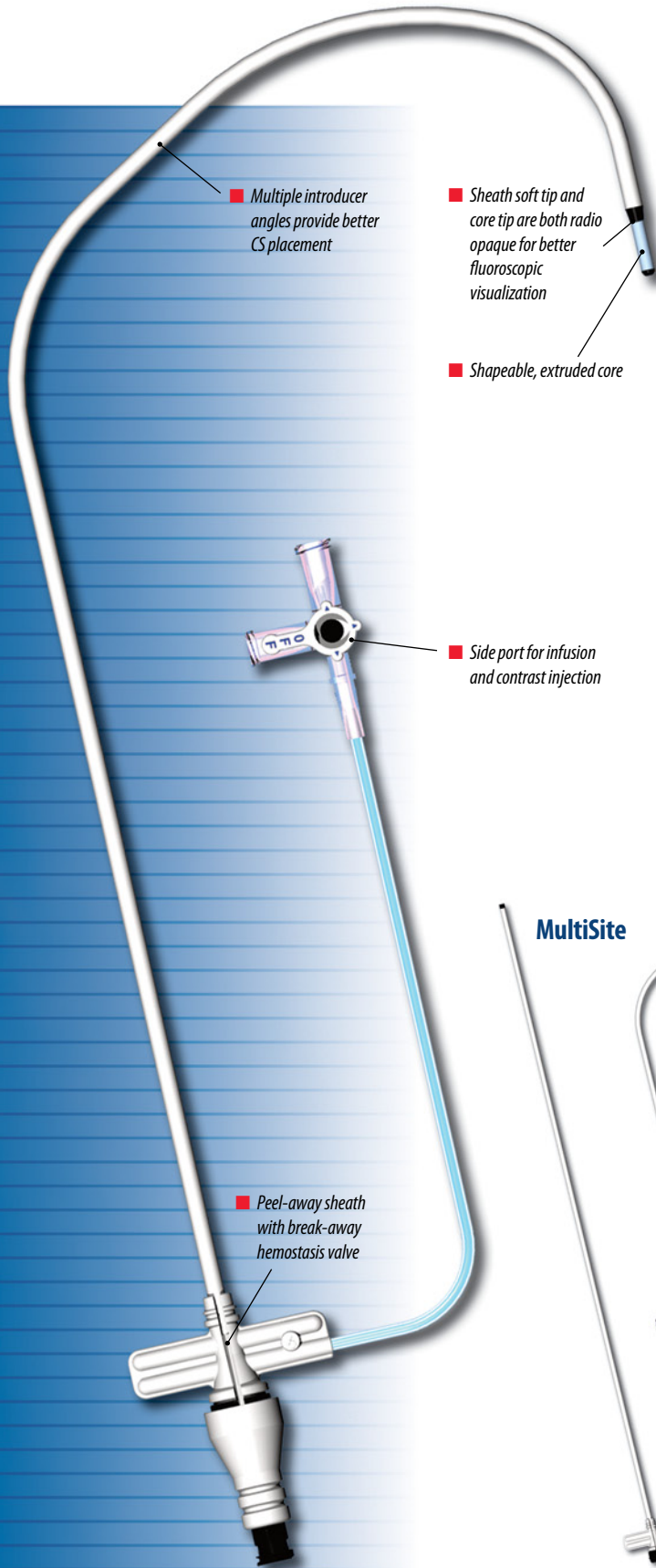


*Peel-away introducer system with radio opaque-tipped sheath and shapeable, extruded core for coronary sinus access. Available in 9 French sizes.*



### Features:

- Innovative peel-away sheath with break-away hemostasis valve and radio opaque tip
- Extruded core with radio opaque tip for better fluoroscopic visualization
- Multiple angles and a shapeable core aid in CS lead placement
- Side port for “keep open” infusion and contrast injection
- Reduces risk of blood loss and air embolism
- Handles like standard tear-away introducer
- May be left in place during placement of other leads
- Permits lead exchange quickly, without further interventions or “sticks”

MultiSite

Original

Worley Long

Worley-STD

Worley Jumbo



# SPECIFICATIONS

P R O D U C T I N F O R M A T I O N

The SafeSheath® CSG family of splittable-valved, extruded core precision lead delivery systems from Pressure Products is the leader when it comes to all your CS access needs. SafeSheath CSG enters the coronary sinus and remains in position during angiography and lead placement, remaining hemostatic during subsequent procedures. And now both introducer and shapeable core are radio opaque-tipped for better fluoroscopic visualization.

**SafeSheath CSG** The multipurpose 90° curve of our original CSG enables ease of

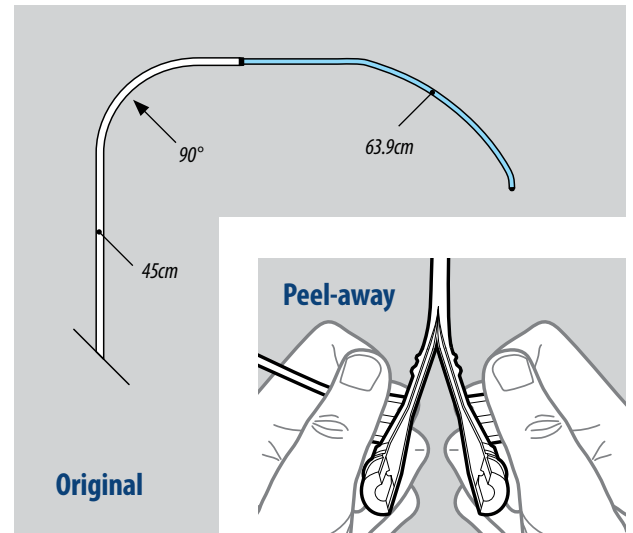
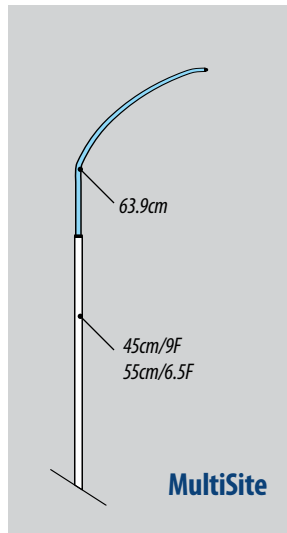
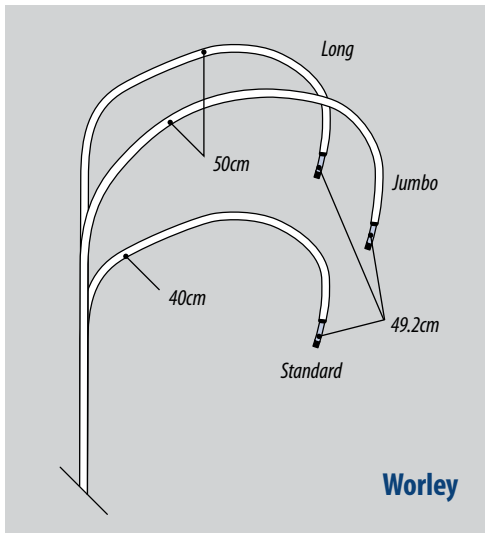
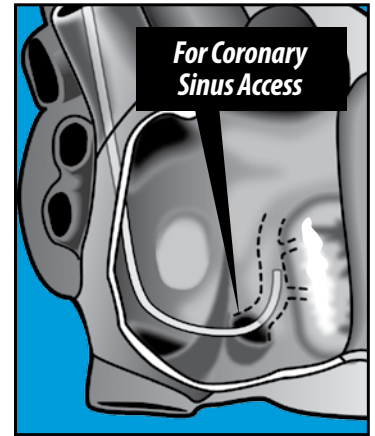
coronary sinus cannulation. Also, improved tip transition results in less traumatic tip placement.

**SafeSheath CSG MultiSite** This straight MultiSite pacing sheath is made from the same kink-resistant material as the CSG, but is more flexible, to support lead placement not only in the coronary sinus, but other difficult to attain sites in extremely dilated right-sided cardiac chambers. Septal lead placement can be achieved even in situations of marked tricuspid regurgitation.

**SafeSheath CSG Worley** Our

newest sheath in the CSG line incorporates a unique sheath curve. Designed specifically for ventricular resynchronization therapy where the right-sided chamber is significantly dilated, the long gentle throw of the Worley causes its tip to virtually fall into the coronary sinus OS. The CSG Worley is also made from crush-resistant material and is available in standard, long and jumbo sizes.

All CSG sheaths can be used as a coronary sinus access platform for our family of CSG Worley Telescoping LV introducers.



Model	Description	Length	Size	Curve	O.D.	I.D.	Tip I.D.
CSG/WORLEY-1-09	Standard curve, kink-resistant hemostatic sheath system w/side port	40cm	9 French I.D.	Standard	0.157"	0.130"	0.122"
CSG/WORLEY/L-1-09	Standard curve long, kink-resistant hemostatic sheath system w/side port	50cm	9 French I.D.	Standard	0.157"	0.130"	0.122"
CSG/WORLEY-2-09	Jumbo curve, kink-resistant hemostatic sheath system w/side port	50cm	9 French I.D.	Jumbo	0.157"	0.130"	0.122"
CSG-90-09	Hemostatic sheath system w/side port	45cm	9 French I.D.	90° curve	0.157"	0.130"	0.122"
CSG/MSP-00-09	Kink-resistant hemostatic sheath system w/side port	45cm	9 French I.D.	none	0.157"	0.130"	0.122"
Each kit includes:	P.T.F.E. Guide Wire	135cm	—	45° angle	0.035"	—	—
	Curved Guiding Dilator	63.9cm	—	90° angle	0.118"	0.042"	0.038"
	Worley 1 Guiding Dilator	44.3cm	—	180° angle	0.118"	0.042"	0.038"
	Worley 2 Guiding Dilator	53.3cm	—	180° angle	0.118"	0.042"	0.038"
	Worley L Guiding Dilator	53.3cm	—	180° angle	0.118"	0.042"	0.038"
	Straight Vessel Dilator	—	—	—	—	—	—
	Transvalvular Insertion Tool (T.V.I.)	1.75"	7 French	—	0.119"	0.099"	—
	Needle	2.75"	18 gauge	—	—	—	—

The **SafeSheath CSG, CSG MultiSite and CSG Worley** Introducer Systems includes sheath, guiding dilator, vessel dilator, guide wire, T.V.I. (transvalvular insertion tool), and needle. The H. Lee SafeSheath® CSG® splittable hemostatic sheaths are protected by Patent Insurance through 2011. USA Patents 5,125,904, 5,312,355, 5,409,463 and 7,462,184. Canadian Patent 2,112,394. European Patent EP0593685. SafeSheath and CSG are registered trademarks of Pressure Products, Inc.

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