

NEW!
Now available
with Target Vein Selector
to make implants even easier.

Pressure Products, Inc.

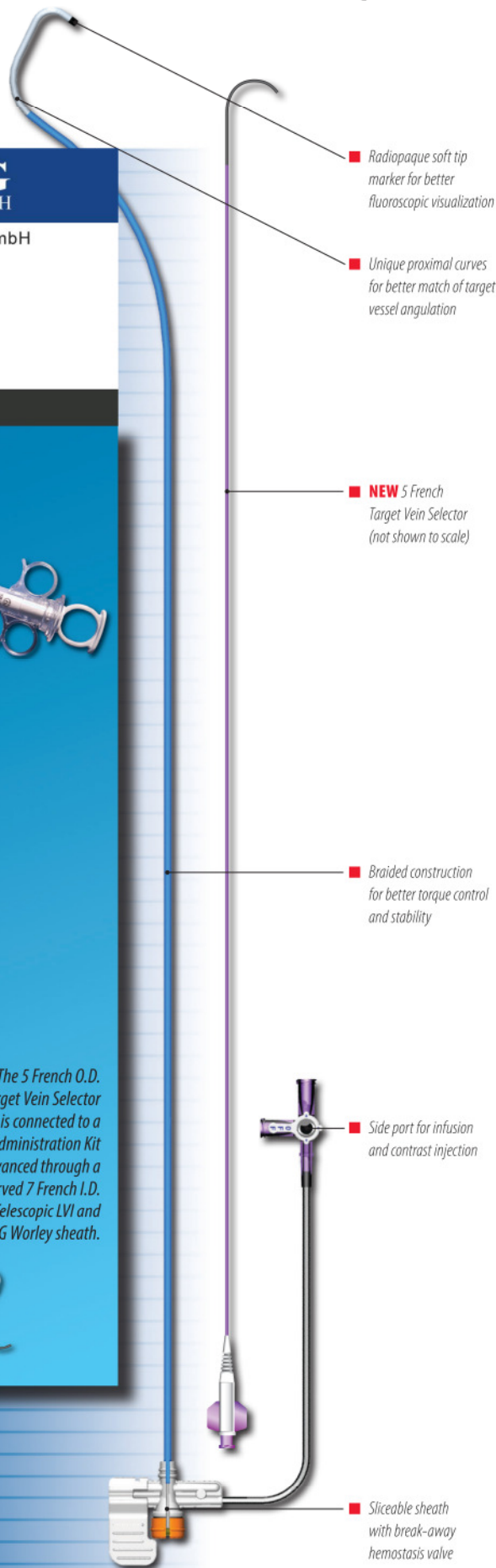
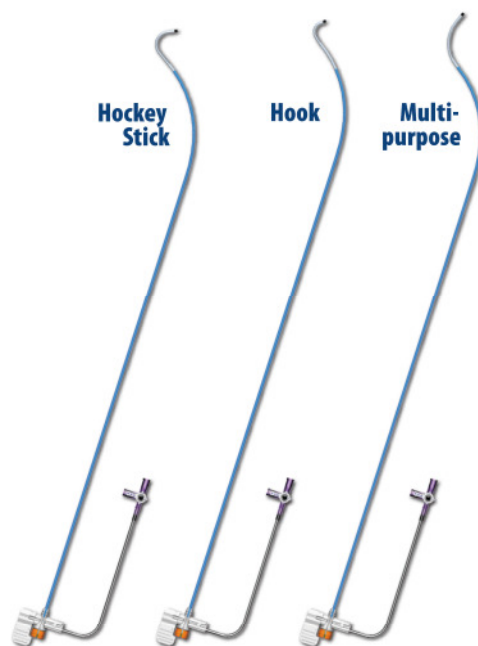
H. Lee SafeSheath® Worley LVI
Lateral Vein Introducers

TELESCOPIC BRAIDED SERIES

Braided, uniquely shaped, high-torque, 7 French I.D. sliceable introducer system with radiopaque tip, breakaway hub, and Target Vein Selector for sub-selective access during LV lead placement.

Features

- **NEW** 5 French O.D. Target Vein Selector makes target vessel identification and guide wire placement a snap
- 7 French I.D. introducer provides support and stability for easier, reliable delivery of larger, more stable leads despite tortuous anatomy
- Unique combination of proximal and distal curves for sub-selective access to angulated lateral vein branches
- Braided sheath construction for better torque control and stability
- Break-away hub with integrated handle requires no cutting and provides a secure grip during slicing, reducing the risk of lead dislodgement during removal
- Multidurometer construction of proximal curve for improved tip directivity
- Radiopaque tip marker on introducer for enhanced fluoroscopic visualization
- Easy-to-use slicer mates to the SafeSheath hub to create a stable platform for the cutting hand
- Side port for "keep open" infusion and convenient contrast injection
- Hemostatic hub reduces the risk of blood loss and air embolism



The 5 French O.D. Target Vein Selector is connected to a Contrast Administration Kit and advanced through a renal-curved 7 French I.D. SafeSheath Worley Telescopic LVI and 9 French I.D. CSG Worley sheath.

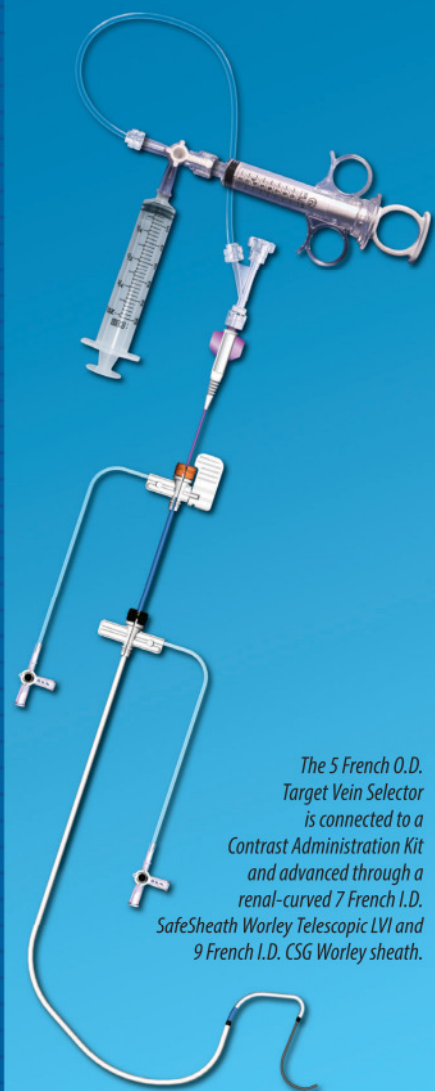
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SPECIFICATIONS

Successful Cardiac resynchronization therapy (CRT) requires accurate delivery of the pacing lead to specific postero-lateral epicardial LV pacing sites via the coronary sinus. While our SafeSheath® CSG Worley introducer makes CS access much easier, high pacing thresholds, phrenic pacing, lead instability and angulated venous branches can still make for difficult and prolonged procedure times, resulting in less desirable lead position and implant failures.

The SafeSheath® Worley Telescopic Braided lateral vein introducer (LVI) was designed to solve this problem. Available in four unique curves, the LVI provides sub-selective access to the target vein. When combined with our new Target Vein Selector, better, more reliable access to the chosen vessel is

achieved, no matter what the situation.

Better Access — Reduced Implant Times

When deployed through the 7 French I.D. LVI, the 5 French O.D. Target Vein Selector is the easiest way to locate and cannulate the target vein, serving as a "rail" for advancing the LVI into the vein.

For delivery of larger, more stable leads, the 7 French LVI's braided construction and multidurometer reinforced proximal curve delivers increased torque control and tip directivity, providing needed support and stability during procedures.

Improved Visualization

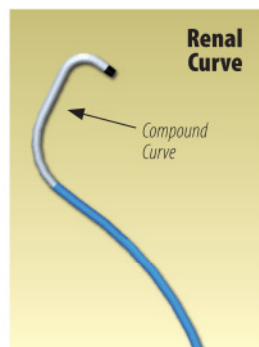
Contrast injection is easily accomplished with the SafeSheath LVI's convenient sideport, while the radiopaque tip marker enhances fluoroscopic visualization during procedures.

Easy Removal

The unique, breakaway hub requires no plastic to cut through, reducing the risk of lead dislodgement. One side of the hub has an integrated handle which stays firmly attached to the sheath, helping with control and stability during slicing and removal. Finally, the advanced material of the LVI sheath offers uniform resistance during slicing with the user-friendly cutter.

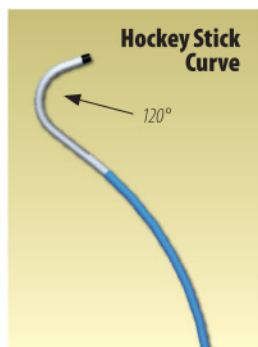
Right for All Situations

Together, the combination of our SafeSheath CSG, Worley Telescopic LVI and Target Vein Selector helps you avoid the problems associated with LV lead placement AND can reduce your implant times 30-50%. The SafeSheath Worley Braided Telescopic system gets you where you need to go... every time.



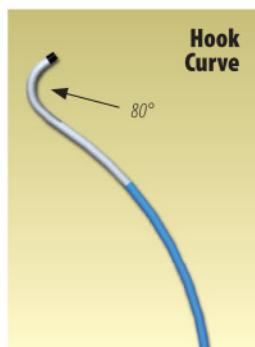
Renal Curve

Compound Curve



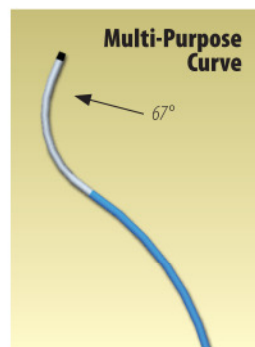
Hockey Stick Curve

120°



Hook Curve

80°



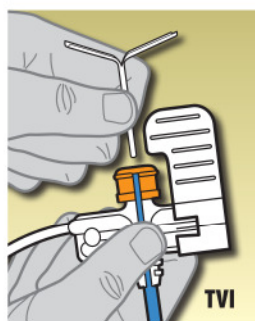
Multi-Purpose Curve

67°

The SafeSheath Worley Telescopic Lateral Vein Introducer is available in four uniquely-curved models. Each LVI kit comes with the new Target Vein Selector (except 5.5 French Renal LVI model), a Transvalvular Insertion Tool (TVI), for easier lead placement through the hemostatic hub, and a Cutter for slicing and removal of the braided sheath.



NEW Target Vein Selector



TVI



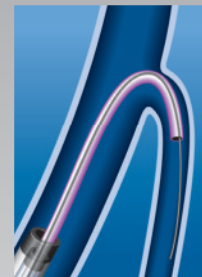
Cutter

LV Lead Placement

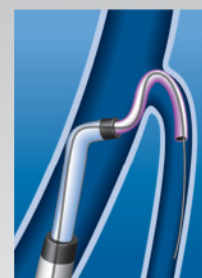
With the LVI fixed just inside the CSG, the Target Vein Selector is advanced into the coronary sinus and the target vein identified with puffs of contrast.



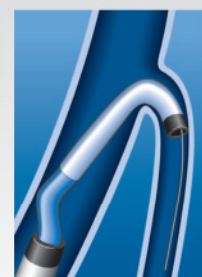
The Target Vein Selector is advanced into the target vein, followed by the guidewire.



The LVI is easily advanced over the wire and vein selector into the target vein.



The Target Vein Selector is removed, retaining the LVI and wire.



Model	Description	Length	Size	Curve	Max. O.D.	Min. I.D.	Min. Tip I.D.
LVI/75-5-62-07-RE	Renal braided, kink-resistant hemostatic sheath system w/side port and target vein selector	62cm	7 French I.D.	compound	0.120"	0.090"	0.090"
LVI/75-5-62-07-HO	Hook, braided, kink-resistant hemostatic sheath system w/side port and target vein selector	62cm	7 French I.D.	80°	0.120"	0.090"	0.090"
LVI/75-5-62-07-HS	Hockey stick, braided, kink-resistant hemostatic sheath system w/side port and target vein selector	62cm	7 French I.D.	120°	0.120"	0.090"	0.090"
LVI/75-5-62-07-MP	Multi-purpose, braided, kink-resistant hemostatic sheath system w/side port and target vein selector	62cm	7 French I.D.	67°	0.120"	0.090"	0.090"
Each kit includes:	Transvalvular Insertion Tool (TVI.)	1.75"	7 French	—	0.121"	0.089"	—
	Slicer	—	—	—	—	—	—
	Target Vein Selector	75cm	—	—	5 French	.041" ± .001"	—

The SafeSheath Worley Telescopic Braided Series of Lateral Vein Introducer Systems includes sheath and TVI. (transvalvular insertion tool), Slicer and Target Vein Selector.

The H. Lee SafeSheath® CSG® splittable and SafeSheath® CSG® Braided sliceable hemostatic sheaths are protected by Patent Insurance. USA Patents 6,966,896, 7,384,422 and 7,993,351. Japanese Patent 4695878.

Canadian Patent CA2495114. European Patent EP1542630. The Braided Sheath Cutter is covered by USA Patent 6,497,681. Worldwide patents pending. SafeSheath and CSG are registered trademarks of Pressure Products Medical Supplies, Inc.

Pressure Products

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