

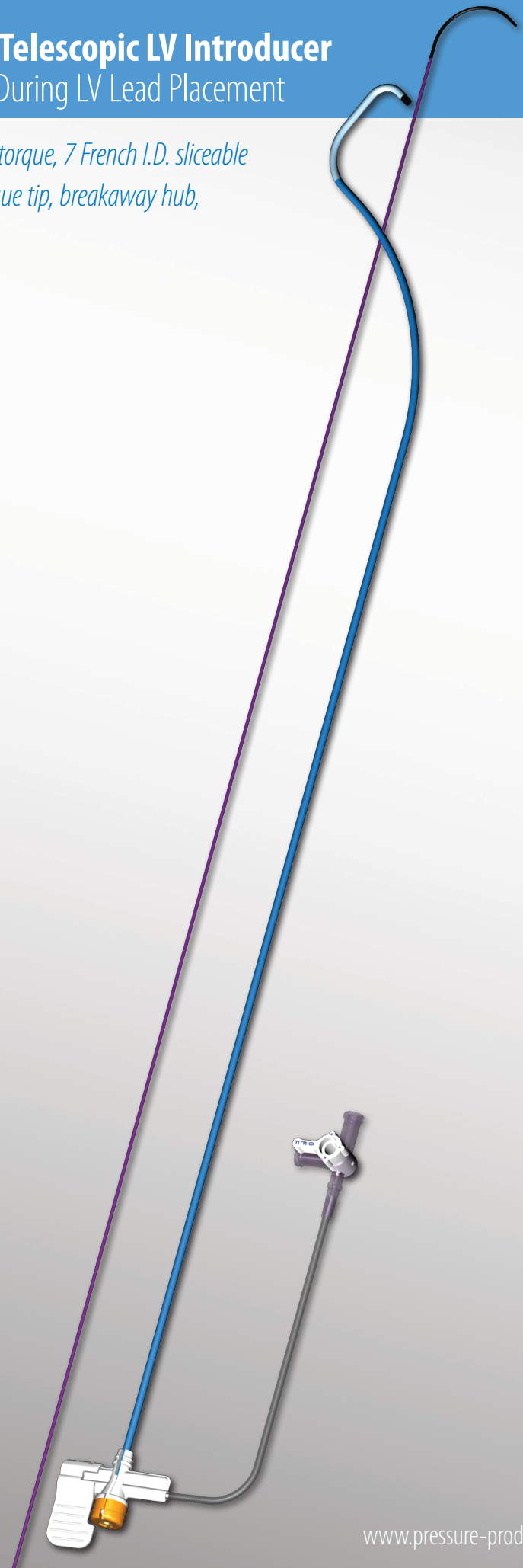
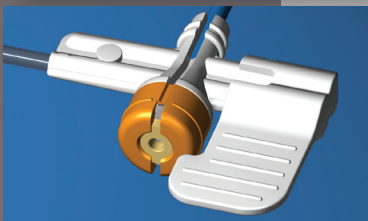
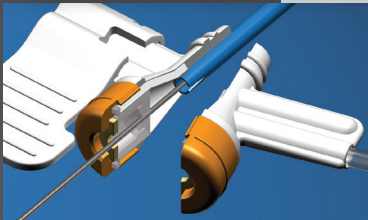
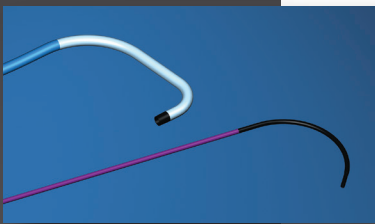
SafeSheath® Worley Telescopic LV Introducer for Sub-selective Access During LV Lead Placement

High pacing thresholds, phrenic pacing, lead instability and angulated venous branches can make for difficult and prolonged procedure times, resulting in less desirable lead position and implant failures. The SafeSheath® Worley Telescopic Lateral Vein Introducer (LVI) System is designed to solve this problem.

Braided, uniquely shaped, high-torque, 7 French I.D. sliceable introducer system with radiopaque tip, breakaway hub, and Target Vein Selector.

FEATURES

- ▶ 7 French I.D. introducer provides support and stability for easier, reliable delivery of larger, more stable leads despite tortuous anatomy
- ▶ 5 French O.D. Target Vein Selector makes target vessel identification and guide wire placement a snap, greatly reducing implant times
- ▶ 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 with multidurometer proximal curve for improved tip directivity
- ▶ Break-away hub with integrated handle requires no cutting and provides a secure grip during slicing
- ▶ 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



SafeSheath® Worley Telescopic LV Introducer for Sub-selective Access During LV Lead Placement

PRODUCT DESCRIPTION

Reduce Implant Times 30-50%

Successful Cardiac resynchronization therapy (CRT) requires accurate delivery of the pacing lead to specific postero-lateral epicardial LV pacing sites via the coronary sinus. 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.

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 LV introducer into the vein.

For delivery of larger, more stable leads, the 7 French LVI's braided construction and multi-durometer 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 SafeSheath CSG, Worley Telescopic LVI and Target Vein Selector help you avoid the problems associated with LV lead placement AND reduce your implant times 30-50%.

Pressure Products is proud to offer the entire family of SafeSheath and SafeSheath II introducers, as well as a complete line of vascular access and lead delivery systems and accessories. Visit us at www.pressure-products.com for more information.

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.



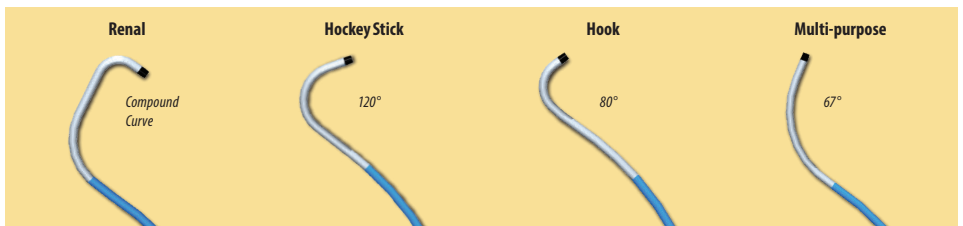
The LVI is easily advanced over the wire and vein selector into the target vein.



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



Available in four unique curves, the LVI provides more reliable access sub-selective access to the target vein, no matter what the situation.



ORDERING INFORMATION

Each **SafeSheath Worley Telescopic LV** Introducer System kit includes:

- ▶ One braided sliceable sheath w/side port
- ▶ One transvalvular insertion tool (TVI)
- ▶ One braided sheath cutter
- ▶ One target vein selector

Five (5) kits per box

SafeSheath Worley LVI Sliceable, braided, hemostatic introducer system w/side port for LV access

Model	Shape/Curve	Length	Size	Max. O.D.	Min. I.D.	Min. Tip I.D.
LVI/75-S-62-07-RE	Renal / Compound	62cm	7F I.D.	0.120"	0.090"	0.090"
LVI/75-S-62-07-HO	Hook / 80°	62cm	7F I.D.	0.120"	0.090"	0.090"
LVI/75-S-62-07-HS	Hockeystick / 120°	62cm	7F I.D.	0.120"	0.090"	0.090"
LVI/75-S-62-07-MP	Multi-purpose / 67°	62cm	7F I.D.	0.120"	0.090"	0.090"
Transvalvular Insertion Tool (TVI)	—	1.75"	7F	0.121"	0.089"	—
Target Vein Selector	—	75cm	—	5F	.041" ± .001"	—

The H. Lee SafeSheath® CSG® splittable and SafeSheath® CSG® Braided sliceable hemostatic sheaths are protected by Patent Insurance. USA Patents 5,409,463, 6,966,896, 7,384,422 and 7,993,351. Japanese Patent 4695878. European Patents EP1539277 and EP1542630. The Braided Sheath Cutter is covered by USA Patent 6,497,681. Other USA and Worldwide Patents pending. SafeSheath and CSG are registered trademarks of Pressure Products Medical Supplies, Inc.