

Worley™ **ADVANCED LVI**
LATERAL VEIN INTRODUCER



MERTMEDICAL™

Advancing Sub-Selection

ADVANCING RELIABLE ACCESS & ACCURATE DELIVERY

To meet the challenges of cardiac resynchronization therapy (CRT), you need advanced LV leads and LV delivery systems that match the tortuosity of your patient's anatomy. The Worley Advanced Lateral Vein Introducer (LVI) telescoping lateral vein introducer system is designed to offer you the flexibility you need for reliable and accurate placement of LV leads at their target location.

Product Features

SOFT RADIOPAQUE TIP minimizes risk of vessel wall trauma and improves fluoroscopic visualization

PROXIMAL AND DISTAL CURVES enhance sub-selective access to angulated lateral vein branches

5F OD TARGET VEIN SELECTOR for improved target vein selection and guide wire replacement

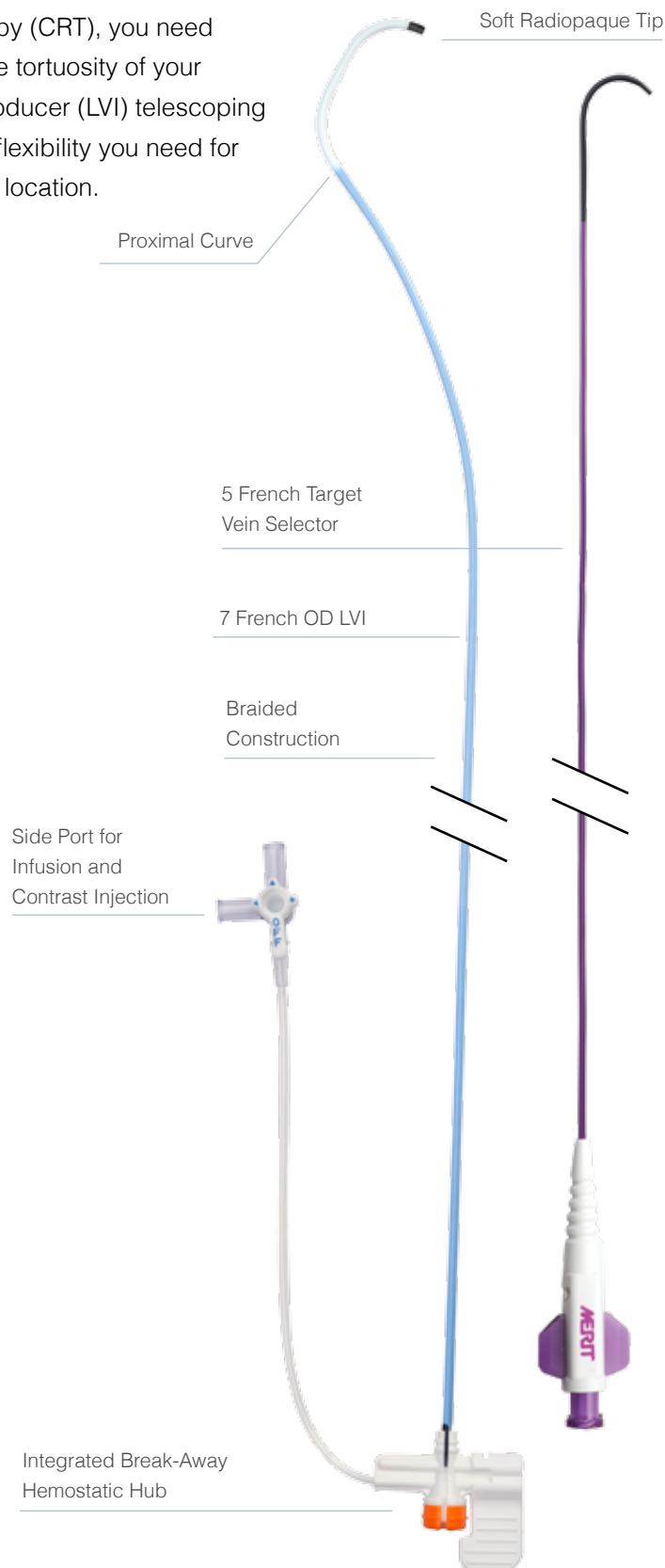
7F ID LVI provides ample room to perform various advanced CRT implantation techniques

MULTIDUROMETER PROXIMAL CURVE CONSTRUCTION delivers improved tip directivity

BRAIDED SHEATH CONSTRUCTION supports better torque control and stability. Sliceable sheath for easy removal

SIDE PORT allows open access infusion and contrast injection during implantation

INTEGRATED BREAK-AWAY HEMOSTATIC HUB AND HANDLE designed to protect against blood loss and air embolism. Hub requires no cutting. Secure hub grip reduces the risk of lead dislodgement during removal



ADVANCING EFFICIENT & SUCCESSFUL LV LEAD IMPLANTATION

When used together with the Worley Advanced CSG and Worley Vein Selector, the Worley Advanced LVI provides the tools and solutions needed to reduce implantation times, gain easier access to the target vessel, and improve chances for successful CRT implantation.¹

INTEGRATED VALVE AND HUB DESIGN

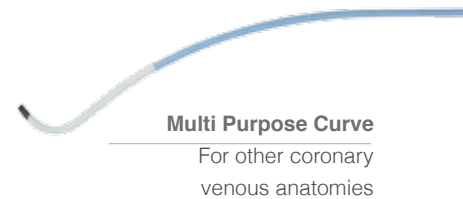
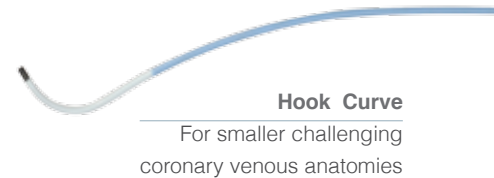
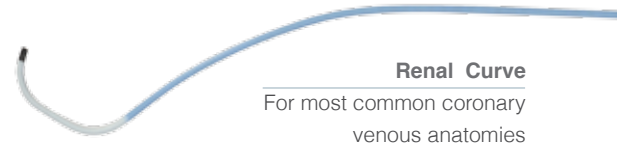
Breakaway valve provides direct access for the slicer to engage the braided sheath

Oversized grip reduces risk of lead movement

Easy-to-use slicer mates to the CSG hub for improved stability during sheath removal



4 CURVES FOR VARYING ANATOMY

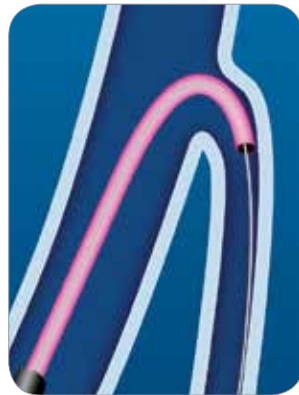


WORLEY ADVANCED LV LEAD IMPLANTATION



Step 1

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



Step 2

The Worley Vein Selector is advanced into the target vein, followed by the guide wire.



Step 3

The LVI is advanced over the wire and the Worley Vein Selector into the target vein.



Step 4

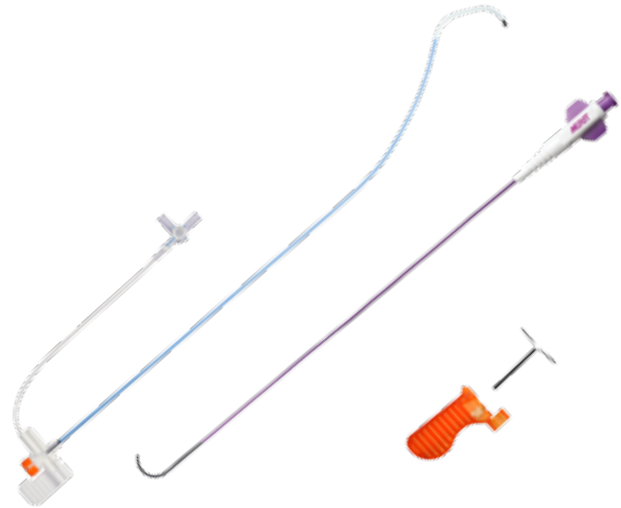
The Worley Vein Selector is removed, retaining the LVI and wire.

ADVANCED LVI LV Delivery System

Part Number	Size	Length	Curve	Outer Diameter	Inner Diameter	Tip Diameter	Description
WORLVI-75-5-62-07-RE	7F	62 cm	Compound	0.120"	0.090"	0.09	Renal
WORLVI-75-5-62-07-HS	7F	62 cm	120°	0.120"	0.090"	0.09	Hockey Stick
WORLVI-75-5-62-07-HO	7F	62 cm	80°	0.120"	0.090"	0.09	Hook
WORLVI-75-5-62-07-MP	7F	62 cm	67°	0.120"	0.090"	0.09	Multi-purpose

KIT CONTENTS:

- Worley Vein Selector
5F, 75 cm, 0.07" OD, 0.046" ID
- Transvalvular Insertion Tool (T.V.I)
7F, 1.75", 0.121" OD, 0.089" ID
- Slicer



PART OF THE WORLEY FAMILY OF ADVANCED LV DELIVERY SYSTEMS



¹Jackson KP, Hegland DD, Frazier-Mills C, Piccini JP, Koontz JI, Atwater BD, Daubert JP, Worley SJ. *Impact of using a telescoping-support catheter system for left ventricular lead placement on implant success and procedure time of cardiac resynchronization therapy.* Pacing Clin Electrophysiol. 2013 May; 36(5):553-8.

For more information on Merit Medical's line of products for electrophysiology, contact Customer Service (800) 35-MERIT or visit our website, www.merit.com.

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