

## MODIFIED SELDINGER TECHNIQUE (MST) KIT INSTRUCTIONS FOR USE

### INTENDED USE:

- Introducer is intended to obtain central venous access to facilitate catheter insertion into the central venous system.

### DESCRIPTION:

- Tear-away Introducers are available in a variety of lengths and diameters. See product label for specifications. Kit consists of a tear-away introducer, needle, guidewire, and syringe (optional).




### CONTRAINDICATIONS:

- Introducer is not designed for use in the arterial system

### POTENTIAL COMPLICATIONS:

- Air Embolism
- Perforation/Trauma of vessel or viscus
- Laceration of vessel or viscus
- Bleeding
- Wire embolism
- Hematoma
- Hemothorax
- Pain in region
- Infection
- Edema
- Pneumothorax

### WARNINGS:

- Federal Law (USA) restricts the device to sale by or on the order of a physician.
- Caution when using this device. Be aware of sharps.
- Do not use if components are damaged, deformed or missing.
- Do not overtighten. Do not proceed if resistance is felt or interaction between components is failing.
- This device is for Single Use Only. 
- Do not resterilize by any method. 
- Re-use may lead to infection or illness/injury.
- The manufacturer shall not be liable for any damages caused by re-use or reesterilization of the device.
- Contents sterile and non-pyrogenic in unopened, undamaged package.
- STERILIZED BY ETHYLENE OXIDE STERILE EO
- Do not use if package is opened or damaged. 
- Do not use if any sign of product damage is visible.

### INSTRUCTIONS FOR USE:

- Gain percutaneous access with entry needle\*.
- Insert guidewire into the needle hub and advance wire into the vessel.
- Remove the needle, leaving the guidewire in place
- Thread the introducer over the guidewire
- Remove the dilator and guidewire from the sheath by rotating the dilator ninety degrees counterclockwise to unlock the dilator from the sheath and withdraw the dilator and guidewire from the sheath.
- Insert distal tip of the catheter into and through the introducer sheath until the catheter tip is correctly positioned. Remove the tear-away sheath by pulling it out of the tissue while simultaneously splitting the sheath by grasping the tabs and pulling them apart.
- Examine the device after it is removed from the patient to ensure no foreign material remains inside the patient.
- Discard biohazard according to facility protocol.

\*optional to attach syringe to back of needle prior to insertion. Once needle is in vessel, syringe would get removed.

### CAUTION:

- Do not pull apart the portion of sheath that remains in the vessel. To avoid vessel damage, pull back the sheath as far as possible and tear the sheath only a few centimeters at a time.
- Never leave sheath in place as an indwelling catheter. Damage to the vein will occur.
- If unable to tear sheath, stop the procedure.









Medcomp® does not recommend a particular technique for the use of this device. The physician should evaluate the appropriateness of the device according to individual patient conditions and his or her medical training and experience.

### WARRANTY

**Medcomp® WARRANTS THAT THIS PRODUCT WAS MANUFACTURED ACCORDING TO APPLICABLE STANDARDS AND SPECIFICATIONS. PATIENT CONDITION, CLINICAL TREATMENT, AND PRODUCT MAINTENANCE MAY AFFECT THE PERFORMANCE OF THIS PRODUCT. USE OF THIS PRODUCT SHOULD BE IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED AND AS DIRECTED BY THE PRESCRIBING PHYSICIAN.**

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5.1.1 	Manufacturer *	5.6.3 	Non-pyrogenic *
5.1.4 	Use-by Date *	5.3.2 	Keep Away from Sunlight *
5.4.2 	Do Not Re-use *	5.2.6 	Do Not Resterilize *
5.3.4 	Keep Dry *	Rx Only	Prescription Use Only ***
5.1.5 <span style="border: 1px solid black; padding: 2px;">LOT</span>	Batch/Lot Number *	5.1.6 REF	Catalogue Number *
5.2.8 	Do Not Use if Package is Damaged *		
5.2.3 <span style="border: 1px solid black; padding: 2px;">STERILE EO</span>	Sterilized Using Ethylene Oxide *		

\* This symbol is in accordance with ISO 15223-1.

\*\*\* FDA guidance Use of Symbols in Labeling.