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## MICRO-ACCESS TEARAWAY INTRODUCER KIT

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### USE STERILE TECHNIQUE, A suggested procedure:

1. Peel open package and place contents on sterile field.
2. Prep skin, and drape area of anticipated venipuncture. Complete venipuncture following institutional policies, and procedures.
3. Distend the vessel of choice following standard hospital practice for venipuncture.
4. Insert 21 Ga. needle into vessel. The needle position should be verified by observing venous blood return. Control blood flow as required.
5. Insert soft tip of the guidewire through the introducer needle into the vessel. Advance guidewire to required depth. Leave an appropriate amount of guidewire exposed. At no time should the guidewire be advanced or withdrawn when resistance is met. Determine the cause of resistance before proceeding.
6. Hold guidewire in place and remove introducer needle. Do not withdraw the guidewire back into the cannula as this may result in separation of the guidewire. The cannula should be removed first.
7. Thread the dilator/sheath assembly over the guidewire. A scalpel may be used to nick the skin opening around the guidewire to ease the dilator entry through the skin.
8. Advance the dilator and sheath together with a slight rotational motion over the guidewire, and into the vessel. Attaching a clamp or hemostat to the proximal end of the guidewire will prevent inadvertently advancing the guidewire entirely into the patient.
9. Remove the guidewire, and vessel dilator, leaving the sheath as a conduit into the vein. Immediately place a finger over the remaining sheath orifice to prevent excessive bleeding or possible air aspiration. **Note:** The lock on the sheath/dilator needs to be turned counter-clockwise to disengage the dilator from the sheath.
10. Insert the catheter through the Tearaway Sheath and into the vein, following the catheter manufacturers instructions and standard institutional policies.
11. Once the catheter is in the desired position, pull the sheath back and peel away from the catheter. Advance the catheter to the desired tip position.

*Manufacturer:*  
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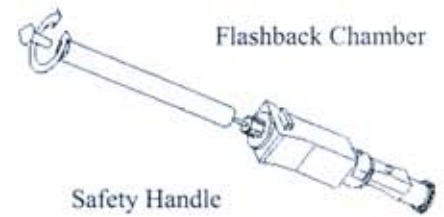
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INSTRUCTIONS FOR USE  
GUIDEWIRE INTRODUCER NEEDLE INSTRUCTIONS FOR USE

**SP-Pro™ GWI**

Sterile, non-pyrogenic, single patient use  
Sharps Safety Guide-Wire Introducer (GWI) Needle:  
Do not use if package is damaged or open. Do not re-sterilize.  
Use Sterile Technique - A suggested procedure:



**Preparation for Use**

1. Open package and place needle on sterile field.
2. Grip the clear safety handle and remove needle guard.
3. Follow standard hospital practice for veni-puncture and placement of guide-wire.
4. Remove SP-Pro™ needle from vessel and guide-wire. Keep hands behind needle at all times prior to deployment of safety feature.

Caution: Do not withdraw the guide-wire back into the cannula as this may result in separation of the guide-wire. The SP-Pro™ needle should be removed first from the guide-wire.

**Deploying the Sharps Injury Prevention Feature**

5. While holding the safety handle (luer toward user), rotate the needle flashback chamber counter-clockwise to unlock the safety handle from the flashback chamber and pull back.
6. Pull back on the flashback chamber until the needle tip disappears into the safety handle and locks securely into needle handle as indicated by an audible "click" and feel. Hearing loss and dexterity may hamper these signs of activation. Follow the next step carefully!
7. Deployment of Sharps Injury Prevention Feature is confirmed by gently pushing the needle flashback chamber forward while securely holding the safety handle to verify that the needle tip is securely locked inside the needle handle. If needle is not locked into handle repeat locking procedure. If for any reason safety mechanism does not deploy use extreme caution and proceed to next step. Please report any occurrence of non-deployment to InVaMed.



**Needle Disposal**

The needle should be disposed of in accordance with policies and procedures for contaminated sharps disposal. Do not attempt to override or defeat the locking safety mechanism. Single Use Only.

*Manufactured by:*

**InVaMed Technologies, Inc.**

9955 Titan Park Circle / Littleton, CO 80125 Phone 303-346-5300 Fax 303-346-9120

*Distributed by:*

**GALT MEDICAL CORP.**

2220 Merritt Drive, Garland, TX 75041 USA / 800-639-2800

Patents Pending

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