



# DIRECTIONS FOR USE

## 6 in. (15 cm) Q2<sup>®</sup> Extension Set

Not made with Diethylhexyl Phthalate (DEHP)

**REF**

201-0001 Approximate Priming Volume 0.3 mL 1

**UNIT**

### INTENDED USE:

For administration of intravenous fluids to a patient's vascular system utilizing needle-free components. The device may be used with low pressure power injectors rated for a maximum setting of 325psi. The Q2<sup>®</sup> Extension Set is compatible with PIVO<sup>™</sup> devices.

### INDICATIONS FOR USE:

- Pressure Rated: The Q2<sup>®</sup> Extension Set with needleless connector is for single use only. The extension set may be used for direct injection, intermittent infusion, continuous infusion or aspiration. This set may be used with power injector procedures to a maximum pressure of 325 psi at a flow rate of 10ml per second.
- Non-Pressure Rated: The Q2<sup>®</sup> Extension Set with needleless connector is for single use only. The extension set may be used for direct injection, intermittent infusion, continuous infusion or aspiration.

**CONTRAINDICATIONS:** None known.

### WARNINGS:

1. Intended for Single Patient Use only. DO NOT REUSE.
2. After use, this product may be a potential biohazard. Handle and discard in accordance with the accepted medical practice and applicable local, state and federal laws and regulations.
3. For unattended medication delivery, only luer locking secondary sets and syringes should be used with the injection site.

### CAUTIONS:

1. Before using, examine the package carefully before opening to confirm its integrity and that the expiration date has not passed. The device is supplied in a sterile package and is non-pyrogenic. Do Not Use if package is damaged, opened or the expiration date has passed. Do not resterilize.
2. Do not use needles with the needle-free injection sites.
3. Do not use blunt cannulae with the needle-free injection sites.
4. Replace set per CDC guidelines or hospital protocol.
5. Flush injection site in accordance with hospital policy after or between injections.
6. To prevent retrograde fluid flow after flushing injection site with a syringe, twist syringe counterclockwise and continue depressing syringe plunger until syringe is disengaged from site.
7. For pressure rated injections, clamp side arm before injecting.
8. Use short Q2 swabable site for pressure-rated injections ONLY.
9. Access of Q2 needleless connector by syringe or IV tubing should be straight on, not at an angle.

## POSSIBLE PATIENT COMPLICATIONS:

The potential exists for serious complications including the following:

1. Air embolism.

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## PROCEDURE - USE ASEPTIC TECHNIQUE:

1. Place pouch on flat surface and remove unit.
2. Needle-free injection site is attached permanently to manifold, no tightening is required.
3. Verify slide clamp is open.
4. Prime main administration set in the usual manner. Remove cap from top manifold inlet and connect administration set.
5. Open clamp and allow fluid to fill tubing. **NOTE: Entrapped air may be removed from manifold by inverting and tapping.** Close slide clamp.
6. Connect IV set male connector to patient's vascular access device.
7. Open clamp and adjust flow rate.

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## TO PREPARE INJECTION SITE:

1. Swab septum with preferred antiseptic and allow to dry.
2. Expel all air as needed.
3. Attach secondary administration set or syringe to injection site.
4. **NOTE: Needle-free injection site is two way and luer locking.** To prevent retrograde fluid flow after flushing site, twist syringe counterclockwise and continue depressing syringe plunger until syringe is disengaged from site.

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## FOR SECONDARY INFUSATES:

1. Check compatibility of medication with other infusates being administered.
2. Prime a secondary administration set in the usual manner.
3. Close clamp distal to the IV manifold.
4. Attach secondary administration set to injection site on the manifold.
5. Open clamp and adjust flow rate.



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for Velano Vascular, Inc.  
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Medical, Inc.



Manufacturer



Caution, consult the instructions for use  
for important information



Do not resterilize



Do not use if package is damaged



Do not reuse



Non-pyrogenic

Rx ONLY

Prescription Use Only

STERILE EO

Sterilized using ethylene oxide

REF

Catalog Number

LOT

Lot Number



Use By Date (YYYY-MM-DD)