



**10 in. (25 cm) Q2™ MULTIPOINT® MANIFOLD I.V. SET  
WITH INTEGRATED BACK CHECK VALVES AND NEEDLE-  
FREE INJECTION SITES**

**CAT. NO. 9520**    Approximate Priming Volume 2.0 mL    1 UNIT

**INTENDED USE:**

For administration of intravenous fluids to a patient's vascular system utilizing needle-free components and an I.V. manifold for multiple simultaneous intravenous therapy via gravity, syringe, or infusion pump.

**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.

(OVER)

 **QUEST Medical, Inc.**  
An **Atrion** company  
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- 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.

**POSSIBLE PATIENT COMPLICATIONS:**

The potential exists for serious complications including the following:

- 1) Air embolism.

**PROCEDURE - USE ASEPTIC TECHNIQUE:**

- 1) Place pouch on flat surface and remove unit.
- 2) Needle-free injection sites are attached permanently to manifold, no tightening is required.
- 3) Verify pinch 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 pinch clamp.
- 6) Connect I.V. set male connector to patient's vascular access device.
- 7) Open clamp and adjust flow rate.

**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.

**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 I.V. manifold.
- 4) Attach secondary administration set to injection site on the manifold.
- 5) Open clamp and adjust flow rate.

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