ChemoLock Bag Spike for Use with Solution Containers (CL-13)

1. Insert Administration Set
   - Insert primary administration set into CL-13 tube fitment.
   - Push straight into tubing and rotate until secure.

2. Clamp Administration Set
   - Clamp administration set.

3. Spike Solution Container
   - Insert ChemoLock CL-13 bag spike into solution container.

4. Prime
   - Unclamp and fill drip chamber to 1/2 full.
   - Prime per administration set DFU.
   - Clamp line.

5. Attach CSTD to Set
   - Attach CSTD to distal end of tubing as instructed on Spiros™ or ChemoLock DFU.

6. Disinfect and Infuse Medication
   - Disinfect port per DFU* or facility protocol, allow to dry.
   - Access port using a ChemoLock injector pre-assembled on syringe with drug.
   - Grasp injector and port and push straight together, until a ‘click’ is heard and the devices are locked together.
   - Once locked together, the fluid path is activated and contents may be transferred into the bag.
   - Tip: Backflush drug lumen by pulling back approximately 10 mL of solution and reinfuse to flush the channels.

7. Disconnect
   - To disconnect, press the release clips on the injector. The port and injector will disconnect and self-seal automatically. Do not pull apart when releasing.

**Priming Option with CSTD:**

- Fill drip chamber to 1/2 full and clamp line.
- If using Spiros: attach priming cap to Spiros to allow priming. Once primed remove and discard priming cap.
- If using ChemoLock: attach injector to port on bag spike. This will activate a closed fluid circuit to allow for priming.
- Tips: Be sure clamps are open when priming and close once completed. Orient inline filters such that inlet is vertically above outlet.

*Disinfect per ICU Medical ChemoLock DFU = disinfect with 70% isopropyl alcohol wipe using an aggressive circular motion for 3-seconds and allow to dry.

Use aseptic technique. Single drug transfer or administration use only. Do not reuse. Sterile, non-pyrogenic.
ChemoLock® Bag Spike for use with Solution Containers

**Indications for use:** The ChemoLock Closed System Drug Transfer Device prevents the transfer of environmental contaminants, including bacterial and airborne contaminants into the system, and the escape of drug or vapor concentrations outside the system. The ChemoLock is needlefree and cannot be deactivated, which will passively aid in preventing needlestick injuries and the exposure to cytotoxic medications for healthcare personnel.

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1. Compounding must be performed within a biological safety cabinet or laminar flow hood in accordance with USP compounding guidelines.
   a. If using with administration set, insert set spike into dry-spike adapter or tube fitment. Push straight into adapter and rotate a full turn until membrane is punctured, and set spike is fully inserted. Do not twist back and forth, as this may damage adapter.
   b. Use only administration sets with ISO 8536-4:2010 compliant spikes.
2. Prepare solution container in accordance with manufacturer’s instructions.
3. Insert ChemoLock bag spike into solution container. If using with administration set, suspend container and prime set in accordance with instructions for use.
4. Access ChemoLock Port using a ChemoLock Injector assembled to a transfer syringe. Refer to applicable instructions for use.
5. To infuse drug into ChemoLock port, disinfect with 70% isopropyl alcohol using an aggressive circular motion for 3 seconds and allow to dry.
6. Grasp ChemoLock and Port and push straight together, until a ‘click’ is heard and the devices are locked together. Once locked together, the fluid path is activated and contents may be transferred into the bag. Backflush drug lumen by pulling back approximately 10mL of solution and reinfuse to clear drug.
7. Remove ChemoLock from the Port by grasping and pressing the release clips and pulling apart. The ChemoLock and ChemoLock Port will automatically self-seal at disconnection.

**CAUTIONS:**
- Utilize the drug manufacturer’s labeling for shelf life, or USP compounding guidelines for beyond use dating.
- Reuse negatively impacts performance / sterility potentially resulting in product failure / contamination.
- Do not remove spike from container.

Manufactured By: ICU Medical, Inc., 951 Calle Amanecer, San Clemente, CA 92673   DF-4583 RevXX