ChemoLock™

Needlefreen Closed System Transfer Device (CSTD)

Maintain a needlefree closed system to help minimize exposure to hazardous drugs and comply with USP <800>
With the ChemoLock needlefree CSTD, it has never been easier to keep yourself safe from exposure to hazardous drugs.

Treating cancer patients takes compassion—it shouldn’t take a toll on your health. But the fact is, while chemotherapy is the backbone of medical oncology, these powerful medications—along with many others—are extremely toxic to the clinicians who handle them. Prolonged exposure to hazardous drug vapors, drips, or spills has been shown to lead to hair loss, skin rashes, infertility, miscarriages, birth defects, and even forms of cancer. It doesn’t have to be that way.

The system’s automatic self-sealing technology requires no cumbersome assembly, and the bonded components cannot be accidentally disconnected.

In response to the well-documented risks associated with handling hazardous drugs, ICU Medical has developed ChemoLock to create a needlefree, mechanically closed system for the safe handling of hazardous drugs. ChemoLock’s intuitive system locks with an audible click, helping to ensure a safe and secure connection has been made to minimize exposure to hazardous drugs and protect the patient preparation from external contamination.

The ChemoLock system’s intuitive needlefree, click-to-lock technology maintains a closed system throughout the entire safe handling process to help keep you in compliance with industry safe handling guidelines.

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The ChemoLock product line includes an assortment of vial spikes, bag spikes, syringe adapters, and other components designed to meet the specific needs of your pharmacy. Used in conjunction with other safety precautions, ChemoLock helps keep you in compliance with USP <800>
Help Safely Administer Hazardous Drugs to Your Patients

ChemoLock is the intuitive way to help ensure compliance and enhance patient and nurse safety.

With the ChemoLock system, there is no complex assembly required at the point of care for the system to remain closed throughout administration.

Keeping safe while administering hazardous drugs doesn’t need to be complicated. The ChemoLock system’s one-step, click-to-lock design helps ensure medication sterility, while eliminating the possibility of accidental disconnects that may result in dangerous exposure to hazardous drugs and increase the risk of central line-associated bloodstream infections. This makes it easier to help ensure compliance with safe handling guidelines while enhancing both nurse and patient safety in the process.

ChemoLock is the first needlefree CSTD to receive FDA 510(k) clearance under ONB and FPA product codes for patient administration, keeping you in compliance with needlefree policies.
Choose the ChemoLock Components that are Right for You

Since all ChemoLock components contain passive self-sealing mechanisms that cannot be deactivated by the user and remain protective from preparation to disposal, it is easy for you to choose the combination of components that best meets your needs.

Here are a few examples to choose from:

### Vial Spikes
- **Vial Spike**
  - Allows access to vials having 20 mm/26 mm closures, and external balloon equalizes pressure for reconstitution
- **Universal Vented Vial Spike**
  - Large vent offers better flow rates and reliability; skirted configuration available
- **Vial Spike, 13 mm**
  - Allows for access to small vials with 13 mm closures
- **Vented Vial Spike, 13 mm**
  - Allows for access to small vials with 13 mm closures and automatically equalizes pressure

### Bag Spikes
- **Bag Spike**
  - For use on any solution container
- **Bag Spike with Additive Port, Dry Spike**
  - Dedicated lumen for direct access to solution bag and dry spike
- **Bag Spike with Additive Port**
  - Dedicated lumen for direct access to solution bag
- **Closed Male Injector**
  - For use on a syringe or IV tubing
- **ChemoLock Injector**
  - For use on a syringe or IV tubing

### Administration Sets and Components
- **30" Secondary Set with Integrated ChemoLock Drip Chamber and Bonded Spinning ChemoLock**
- **Bag Spike Adapter with Injector**
  - Allows for pump set preservation when administering multiple compatible drug therapies
- **ChemoLock Port**
  - For use on patient IV line
- **40" Secondary Set with In-line Drip Chamber and 2 ChemoLock Injectors with Red Cap**
  - Allows for tubing preservation of secondary set tubing when administering multiple compatible drug therapies
- **30" Secondary Set with In-line Drip Chamber, Integrated ChemoLock Additive Port and ChemoLock Injector w/Red Cap**