

ChemoLock™

Needlefree Closed System Transfer Device

The first needlefree CSTD to receive FDA 510(k) clearance for both pharmacy compounding (ONB) and patient administration (FPA) applications.



Setting a Whole New Standard for Hazardous Drug Safety

- › Prevents the escape of hazardous drug vapor concentrations outside the system
- › Blocks the transfer of bacteria and other environmental contaminants into the system
- › Eliminates needlestick injuries while keeping patients and clinicians safe from hazardous drug exposure

Don't you love it when everything just clicks?

icumedical
human connections

One Click Is All It Takes

to minimize exposure to hazardous drugs and maintain the sterility of the patient mix.

With the ChemoLock needlefree closed system transfer device (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.

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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 and microbiologically closed system for the safe handling of hazardous drugs. ChemoLock's intuitive and easy-to-use system locks with an audible click, ensuring a safe and secure connection has been made to minimize exposure to hazardous drugs and protect the patient preparation from external contamination.

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The ChemoLock system's easy-to-use needlefree "click to lock" technology maintains a closed system throughout the entire safe handling process to keep you in compliance with industry safe handling guidelines.



Safely Prepare

Stay safe and in compliance with recommended guidelines during the preparation of hazardous drugs thanks to the ChemoLock system's mechanically and microbiologically closed needlefree system.



Safely Transport

The ChemoLock system prevents leaks and spills during the transportation of hazardous drugs from pharmacy to nursing, while also protecting the sterility of the patient preparation.



Safely Administer

The easy-to-use ChemoLock system helps you keep patients and clinicians safe without having to change standard nursing protocols.



Safely Dispose

The ChemoLock system remains mechanically and microbiologically closed all the way through disposal to help eliminate potential drug exposure to you or the environment.



Safe Handling Starts in the Pharmacy.

ChemoLock helps you minimize hazardous drug exposure and maximize medication safety.

With the ChemoLock system's breakthrough "click to lock" technology, you don't have to sacrifice efficiency for patient and clinician safety.

In today's fast-paced pharmacy environment, every second counts and every preparation has to be right. ChemoLock can help. That's because ChemoLock's simple and intuitive needlefree design allows the system to be accessed and sealed with a single motion, reducing the potential for insecure or unsafe connections that may jeopardize clinician and patient safety.

The needlefree, mechanically and microbiologically closed system fits seamlessly into your workflow to help you minimize exposure to hazardous medications during reconstitution and preparation, while simultaneously preventing any outside environmental contaminants from getting into the mix.

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ChemoLock is the first needlefree closed system transfer device to receive FDA 510(k) clearance under the ONB product code, keeping you and the drugs you mix safer.



ChemoLock helps speed preparation times by eliminating the need to assemble multiple components.



The system snaps together with an audible click to ensure a safe and secure connection—every time.



To maximize patient safety, ChemoLock maintains the sterility of the drug during transport from pharmacy to nursing.

The ChemoLock product line includes an assortment of bag spikes, vial spikes, and other components designed to meet the specific needs of your pharmacy.



Vial Spike



Bag Spike



Injector

Safely Administer Hazardous Drugs to Your Patients.

ChemoLock is the simple and intuitive way to ensure compliance and improve 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 ensures 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 (CLABSI). This makes it easier to ensure compliance with safe handling guidelines while improving both nurse and patient safety in the process.

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ChemoLock is the first needlefree closed system transfer device to receive FDA 510(k) clearance under the FPA product code for patient administration, keeping you in compliance with needlefree policies.



An audible click lets you know you've made a safe and secure connection between the administration device and the patient line.



The ChemoLock system's bonded components and locking mechanism help eliminate unsafe disconnects.



With the ChemoLock system's intuitive design, you can focus on caring for patients rather than assembling complex components.



As a completely needlefree technology, the ChemoLock system ensures compliance with your facility's needlefree policies.



It's a Snap to 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 through to disposal, it is easy for you to choose the combination of components that best meets your needs.

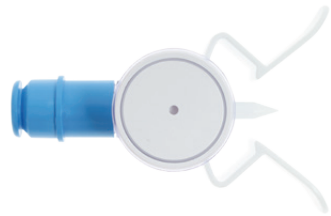
Here are a few examples to choose from:

Vial Spikes



Vial Spike

Allows access to vials having 20 mm/28 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 13mm 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

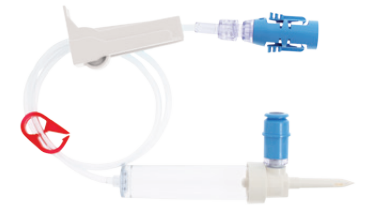
Closed Male Injector



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 drug therapies



ChemoLock Port

For use on patient IV line