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ChemoLock™

Needlefree Closed System Transfer Device (CSTD)

Maintain a needlefree closed system to help minimize exposure to hazardous drugs and comply with USP <800>

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 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.¹

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 the ChemoLock CSTD to create a needlefree, mechanically closed system for the safe handling of hazardous drugs. ChemoLock CSTD'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 and standards.



Safely Prepare

Help prohibit the escape of hazardous drugs and maintain medication sterility with a mechanically closed, needlefree system.



Safely Transport

Minimize the risk of leaks and spills during the transportation of hazardous drugs from pharmacy to nursing, while also protecting the sterility of the patient preparation.



Safely Administer

Help keep patients and clinicians safe with an intuitive closed system designed to let you avoid having to change standard nursing protocols.



Safely Dispose

Bonded, self-sealing components that remain closed all the way through disposal help eliminate potential drug exposure to you or the environment.

¹ Connor TH, McDiarmid MA. Preventing occupational exposures to antineoplastic drugs in health care settings. *CA Cancer J Clin* 2006; 56: 354-365.



Safe Handling Starts in the Pharmacy

ChemoLock CSTDs help minimize hazardous drug exposure while improving workflow to help reduce pharmacy backlog, burnout, and injuries.

In today's fast-paced pharmacy environment, every second counts and every preparation has to be right. ChemoLock CSTDs can help with an intuitive needlefree design that connects with a single motion, click-to-lock design, requires no alignment, and is available in a variety of configurations to address the unique needs of your pharmacy.



Decrease pharmacy backlog

Decrease pharmacy backlog with setups that connect quickly, transfer fluid with minimal force, and can be primed quickly on the nursing floor, alleviating the task of priming preparations from the pharmacy.



Enhance efficiency

Improve pharmacy workflow with convenient kits and multipacks that help speed up the drug preparation process and help reduce packaging waste and the potential for repetitive stress injuries.



Minimize drug waste

Help address drug waste with fully draining vial adapters available to cover a wide range of vial sizes and stopper designs.

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



Help Safely Administer Hazardous Drugs to Your Patients

ChemoLock CSTD is the needlefree, intuitive way to help ensure compliance, enhance patient and nurse safety, and reduce chair time.



Close off complex hazardous drug administrations

Comprehensive safety should address every route of administration, even challenging routes like intravesical and ambulatory delivery. We offer specialty kits designed to streamline these complex hazardous drug administrations and enhance safety across the continuum of care.



Improve patient chair time

With intuitive setups that require no assembly and feature low-priming volume, you can connect and prime quickly, helping to streamline patient care and reduce chair time.



Infuse with confidence

ChemoLock CSTD connects with an audible click, letting you know your connection is secure. You can also help reduce the risk of accidental disconnects with nondetachable, bonded secondary sets, helping maintain a closed system from preparation through disposal.



A robust, flexible portfolio to meet your needs



Create a solution that fits your workflow

With options that let you combine the preferences of pharmacy and nursing into a single standardized system, you can create a customized system that works the way you do.



Simplify preparation

Easy-to-access multipacks can speed up preparation, improve workflow, and help your efforts to reduce repetitive stress injuries.



Enhance the safety of challenging deliveries

From ambulatory delivery to intravesical kits, the flexible ChemoLock CSTD portfolio can help you maintain a closed system for even challenging deliveries.



Choose barrier (air capture) or vented (air cleaning)

Standardize on a preferred, fully draining vial adapter technology that best fits your facility's needs when considering cost, workflow, and ease of use.

Learn more by visiting www.icumed.com/ChemoLock

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