Chemfort™
Keeps you safe. Simply click

Closed System Transfer Device
Reconstitution and
Administration Components

Chemfort™ Syringe Adaptor Lock

The Chemfort™ Syringe Adaptor Lock offers a wide array of essential safety features: a unique patented lock system for luer syringes, that cannot be opened once locked; a linear connection to the Chemfort™ Vial Adaptor with an audible click and an internal 16G needle that allows easy withdrawal of drugs, including viscous ones.
Similar to the Syringe Adaptor, the Syringe Adaptor Lock eliminates needle exposure, allowing withdrawal of liquid from the vial (via VA) to the syringe – providing complete safety for users.

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Reduce exposure to hazardous drugs

Occupational exposure to cytotoxic drugs can occur in health care facilities through unintentional ingestion, inhalation, accidental injection, skin contact or environmental contamination due to unsafe handling. Using a needle and syringe to handle these drugs can lead to leaks and vapor escape as well as local contamination. Antineoplastic drugs are potentially hazardous to nurses and pharmacists involved in the preparation and administration of chemotherapy. Exposure can cause numerous acute (skin rash, dizziness, nausea) and chronic (infertility, miscarriage, birth defects, leukemia or cancers[1]) effects on human health. For these reasons, regulatory guidelines and awareness of health care providers have become stricter in the last decade to ensure their safety.

Safety is a must: Ensuring USP 800 compliance

Regulations and guidelines issued in the last few years enforce safer handling of cytotoxic and other hazardous drugs - ensuring the protection of all healthcare workers involved in hazardous drug handling. The addition of USP 800 (published in 2016, with full compliance from December 2019), fully encompasses the use of closed system transfer devices (CSTDs) as compulsory for all hazardous drugs[2] throughout all stages of handling - from preparation to administration and disposal of waste.

Chemfort™: We focus on your safety so you can focus on what really matters

Chemfort™ is a closed system transfer device for the safe preparation and administration of hazardous drugs, with FDA clearance under the ONB product code for reconstitution and transfer of antineoplastic and other hazardous drugs in a healthcare setting, and is indicated to reduce exposure of healthcare workers to chemotherapy agents in healthcare settings[3].
Chemfort™ minimizes the risk of exposure to hazardous drugs and eliminates the risk of needle stick injuries[4]. Its TOXI-GUARD® patented system prevents liquid leaks and vapor escape as well as drug contamination. Chemfort™ complies with the Sharps Directive[5] and the NIOSH Alert on the prevention of needle stick injuries in health care settings[6].
With safety and efficacy proven in multiple studies[7,8,9], Chemfort™'s intuitive design also makes it easy to use, allowing comfortable and time-saving handling – in a linear click.

The Chemfort™ portfolio offers a Syringe Adaptor Lock to keep users safe and eliminate any risk of disconnection from the syringe.

The Chemfort™ Syringe Adaptor Lock (SA Lock) Keeps you safe in a click

The Chemfort™ SA Lock fits onto any standard male luer lock syringe. It conveniently connects to the Chemfort™ Vial Adaptor, Bag Adaptor LL, Bag adaptor SP, and Luer Lock Adaptor - while eliminating risks of disconnection.

References

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2) U.S. Pharmacopeial Convention (USP) General Chapter <800>: Hazardous Drugs—Handling in Healthcare Settings
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4) Debra Adams, Council Directive 2010/32/EU: Impact on pharmacy team; HPE, issue 65, 2012 p23-26.
5) Official Journal of the European Union, Council Directive 2010/32/EU of 10 May 2010, implementing the Framework Agreement on prevention from sharp injuries in the hospital and healthcare sector conducted by HOSPEEM and EPSU, 2010, L 134/66-72.
6) NIOSH Alert: Preventing Needle Stick Injuries in Health Care Settings, November 1999.
7) Olle Nygren et al., Spill and Leakage Using a Drug Preparation System Based on Double-Filter Technology, The Annals of Occupational Hygiene, 2009, volume 52, issue 2, p 95-98.
8) A.S. Wilkinson, M.C. Allwood. et al., Extension of the practical shelf life of hazardous drugs using the Tevadaptor® closed system transfer device (CSTD) as a container system for preservative free single use vials for up to 28 days Poster ECOP 2014.
9) A.S. Wilkinson, Evaluation of the physicochemical and functional stability of Trastuzumab™ (TZM) following reconstitution and extended storage in a closed system transfer device (CSTD), TEVADAPTOR® for up to 28 days, Presentation at EAHP 2016

www.simplivia.com

info@simplivia.com

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