Needle free syringe pump administration sets that maintain a completely closed system throughout the entire medication delivery process.

Closed IV Medication Sets
Save Time And Money While Keeping Your Patients Safer From Infection Risks

With Customizable, Closed IV Medication Sets

Manipulating traditional syringe pump tubing may increase the risk of medication errors and bacterial contamination.

Traditional, open-ended syringe pump administration sets require the manipulation of tubing, connectors, and flush devices, which adds to nursing set-up time and may contribute to an increased risk of bloodstream infections and medication errors.\(^1\) With limited access points, these sets also make it difficult to safely and efficiently deliver multiple infusions.

Using ICU Medical’s closed IV medication sets during administration can help your efforts to minimize infection risks and improve medication safety.\(^1\)

ICU Medical’s closed IV medication sets combine proven needlefree connector technology with dual one-way valve security to help you minimize infection risks while maximizing clinical efficiency. These fully customizable sets eliminate the need to connect and disconnect flush devices after medication delivery and remain completely closed throughout the entire drug delivery process.
Flush Bag to Syringe

Syringe to Patient Line

Deliver medication and flush the line without ever opening the system.

Minimize Infection Risks
Integrated Clave® needlefree connector technology provides a safe and effective microbial barrier to help minimize infection risks.² ³ ⁴

Efficiently Flush the Line
Dual one-way valve technology allows you to deliver medication and flush the line without connecting and disconnecting flush devices.

Reduce Drug Mixing
Each medication line connects directly to the catheter hub, eliminating the risk of medication mixing from multiple access ports.

Safely Access the Closed System
Available multi-lumen extension sets allow for safe and efficient access to your patients’ IV lines without ever opening the system.

Deliver Medication
Safely and easily deliver medication through a specialized one-way valve that prevents the backflow of medication into the flush line.

Flush the Line
Using the same syringe, simply draw a volume of flush solution through the integrated one-way valve and continue to flush the line.
Custom Sets Make It Easier for You And Safer for Your Patients

Design patient-ready sets with a wide selection of needle-free components to help you maximize efficiencies and improve patient safety.

Multi-Lumen Extension Sets
Get the IV access you need without having to connect and disconnect administration tubing

Variable Tubing Lengths
Choose the length of tubing you need to optimize space at the bedside

Dual One-Way Valve
Deliver medications and flush the line while maintaining a closed system

Integrated Filters
Incorporate 0.2 and 1.2 micron filters for IV medications and lipids

Color-Coded Clamps and Connector Rings
Colored IV line and port identification options to help you improve IV line management

©2016 ICU Medical Inc. | M1-1576 Rev. 01
800.824.7890 | www.icumed.com