

Making patients and clinicians safer, from vial to vein.

SmartSite® IV sets and accessories

When it comes to IV safety in today's medical facilities, clinicians want reliable and dependable products that can protect them and their patients. The award winning SmartSite® IV sets and accessories from CareFusion have become one of the most widely used needle-free systems in the world. It is estimated that between 600,000 to 1 million needlestick injuries to healthcare workers occur every year¹. Job-related needlesticks can lead to serious or potentially fatal infections from bloodborne pathogens. Under the Needlestick Safety and Prevention Act of 2000 and the subsequent revision of the Occupational Safety and Health Administration's bloodborne pathogens standard, healthcare facilities are required to use safer devices to reduce the risk of needlesticks. SmartSite® IV sets and accessories feature the SmartSite® needle-free valve, protecting your staff from potential needlestick injuries.

SmartSite® IV sets and accessories may be used universally, from pediatrics to anesthesiology, so you don't have to switch systems when you cross over to different departments. We provide a full range of infusion sets and accessories to meet your facility's clinical needs. Our extensive line of IV sets and accessories includes administration, gravity, secondary, extension sets and accessories.



SmartSite® IV sets and accessories have won:



Medical Design Excellence award for SmartSite® IV sets and accessories (2003)



National Society of Professional Engineers' New Product award for the SmartSite® IV sets and accessories (2000)

North Carolina Governor's New Product Award (1999)



Medical Design Excellence award for the SmartSite® IV sets and accessories (1998)

Smarter design enhances clinician safety

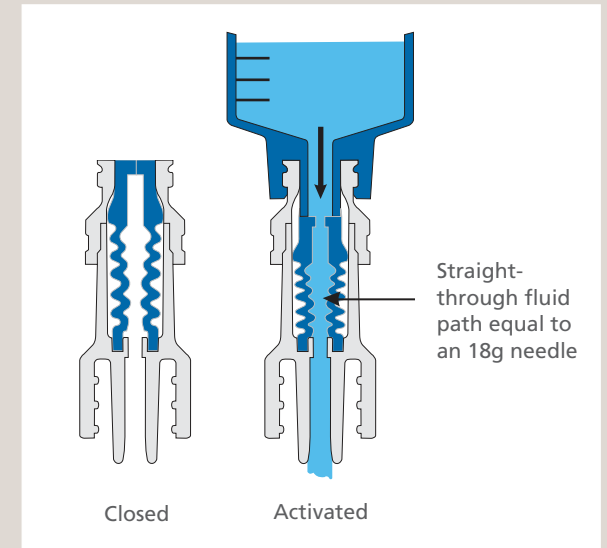
The SmartSite® IV sets and accessories are intuitive and simple to use. The ergonomic design makes the valve easy to grip and connect.

The SmartSite® needle-free valve offers you a product that is:

- **Flat, smooth top:** easy to swab
- **Straight-through, non-tortuous fluid path:** reduces the risk of hemolysis
- **Needle-free:** reduces needlestick injuries
- **Passive system:** increases compliance and eliminates the need for caps and cannulas
- **Labeled to be used with low pressure power injectors (up to 325 psi and maximum flow rate of 10 mL/sec):** can be used in radiology
- **High chemical compatibility:** suitable for use with a wide variety of drugs and antiseptics (only models 2000E, 20019E, 20039E, 20041E and 10011253)
- **Metal free:** can be used in MRIs
- **Standardized:** compatible with standard luer connectors
- **DEHP-free:** suitable for neonates, pediatrics and adults
- **Latex-free:** eliminates potential for latex sensitivity

The SmartSite® positive bolus needle-free valve offers you a product that is:

- **Positive bolus:** displaces a positive bolus of fluid to help maintain catheter patency
- **Straight-through, non-tortuous fluid path:** reduces the risk of hemolysis
- **Needle-free:** reduces needlestick injuries
- **Passive system:** increases compliance and eliminates the need for caps and cannulas
- **High chemical compatibility:** suitable for use with a wide variety of drugs and antiseptics
- **Metal free:** can be used in MRIs
- **Standardized:** compatible with standard luer connectors
- **DEHP-free:** suitable for neonates, pediatrics and adults
- **Latex-free:** eliminates potential for latex sensitivity





Use proper hand-hygiene procedures

Wash hands with conventional antiseptic-containing soap and water or disinfect with waterless alcohol-based gels or foams.²



Prepare the SmartSite® needle-free valve or SmartSite® positive bolus needle-free valve

Prior to every access, always swab the top of the SmartSite® valve or SmartSite® positive bolus valve with a sterile 70% isopropyl alcohol wipe (one to two seconds) and allow to dry (approximately 30 seconds).

“SmartSite® IV sets and accessories provide clinicians with a safer and easier way to access and maintain IV lines, while offering patients safety and comfort.”

Linda Person, RN, MSN, AOCN
Advanced Practice Nurse
USC/Norris Cancer Hospital and Clinic

The SmartSite® IV sets and accessories provide an easy-to-swab, smooth top that promotes good aseptic practices throughout the medical organization.

Every valve, every time.

¹ Wilburn S: Preventing needlestick injuries. *Am J Nurs* 1999; 99:71.

² CDC, MMWR, August 9, 2002.

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CareFusion
San Diego, CA

carefusion.com



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