

SmartSite® needle-free valve user's guide

Instructions

The SmartSite® needle-free valve is designed to permit injection and aspiration of fluids without the use of needles.



Prepare SmartSite® needle-free valve

Prior to every access, always swab the top of the SmartSite® valve with a sterile 70% isopropyl alcohol wipe 1-2 seconds and allow to dry approximately 30 seconds.

For multiple syringes, swab prior to each syringe access.



Attach luer

Insert the syringe tip into the valve. If syringe has a male luer lock collar, turn syringe clockwise to secure the connection. If syringe has a slip luer, insert and rotate 1/4 turn to secure the connection. Inject or aspirate fluid. **Do not leave slip luer syringes unattended.**



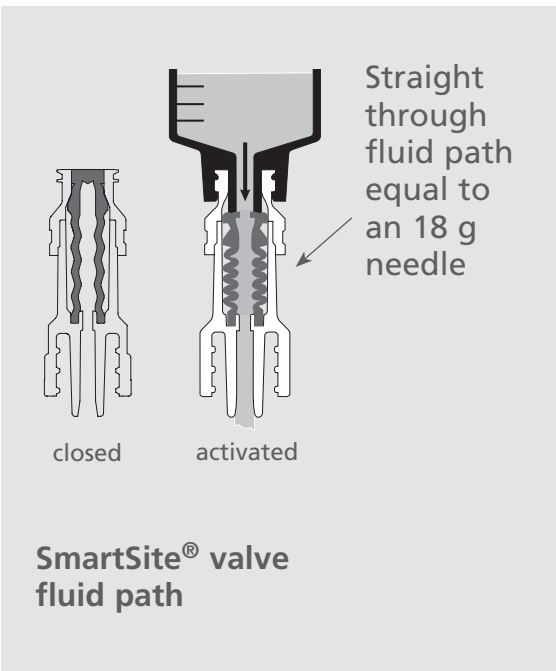
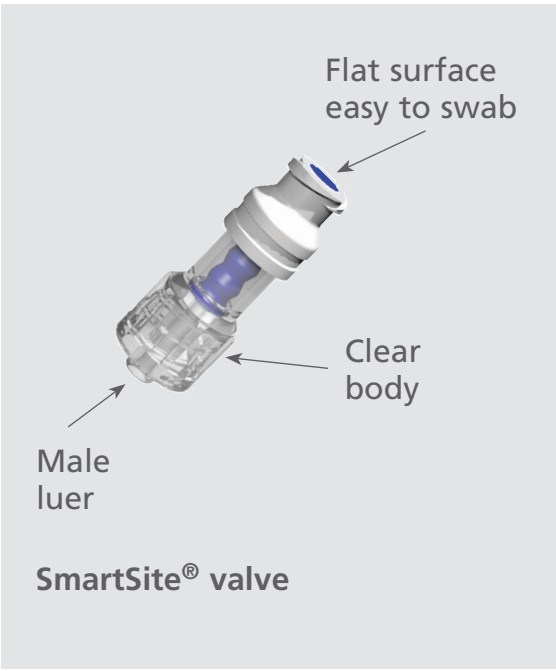
Apply clamp

In accordance with INS flushing standards, apply clamp before disconnecting syringe to help prevent any reflux in the catheter lumen.



Disconnect luer

Securely hold SmartSite® valve while disconnecting luer. Remove the luer from the valve by turning counterclockwise.



Key specifications

Priming volume ¹	valve: 0.11mL	Y site: 0.07 mL
Residual volume ²	valve: 0.08mL	Y site: 0.04 mL
Flow rate	4500 mL/hr ⁴	8100 mL/hr ³

- Replace every 72 hours or 100 activations whichever occurs first. For infusions of blood, blood products or lipid emulsions replace every 24 hours.
- The Centers for Disease Control (CDC), Infusion Nurses Society and other organizations publish guidelines useful in developing facility protocols and policies. Refer to hospital policies.
- For Power Injector Use—use only models that are labeled for Power Injector Use. In addition, needle-free valve must be secured to other luer lock devices also pressure rated for power injector use.
- Models labeled for power injector use may be used with low pressure power injectors up to 325 psi and maximum flow rates up to 10 mL/second.
- For full device instructions, refer to the set *Directions for Use*.

¹ Valve not activated

³As per Standard ISO 1055-5-1997

² Valve activated

⁴As per NCQ 005:500mL fluid bag at 30 inch head height

Note—professional standards of practice require:

Vascular access devices should be flushed according to professional standards of practice and facility protocol in order to maintain patency and prevent the mixing of incompatible medications.

For more information, visit [CareFusion.com](https://www.carefusion.com)

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