

# SmartSite® Needle-Free Valve User's Guide

## Alaris® Products

### Instructions

The SmartSite® Needle-Free Valve is designed to permit injection and aspiration of fluids without the use of needles. Should you require further clinical information or training please contact Customer Care at 1.800.482.4822. In Canada at 1.800.387.8309.



#### Prepare SmartSite® Needle-Free Valve

Prior to every access, always swab the top of the SmartSite® Valve port with a sterile 70% isopropyl alcohol wipe and allow to dry.

**For multiple syringes, swab prior to each syringe access.**



#### Attach luer

Insert the syringe tip into the valve. If syringe has a 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 positive pressure flushing standards, apply clamp before disconnecting syringe to help prevent any reflux in the catheter lumen.



#### Disconnect luer

Remove the luer from the valve by turning counterclockwise.

### Key specifications

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

Replace every 72 hours or 100 activations which ever occurs first. For infusions of blood, blood products or lipid emulsions replace every 24 hours.

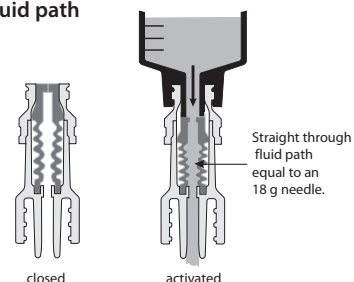
<sup>1</sup> Valve not activated

<sup>3</sup> As per Standard ISO 1055-5-1997

<sup>2</sup> Valve activated

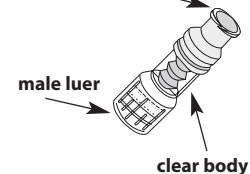
<sup>4</sup> As per NCQ 005:500mL fluid bag at 30 inch head height

### SmartSite® Valve fluid path



### SmartSite® Valve

flat surface  
easy to swab



### 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.

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