



Anti-reflux Needleless Connector

▶ *Three-way Valve Technology helps maintain catheter patency*

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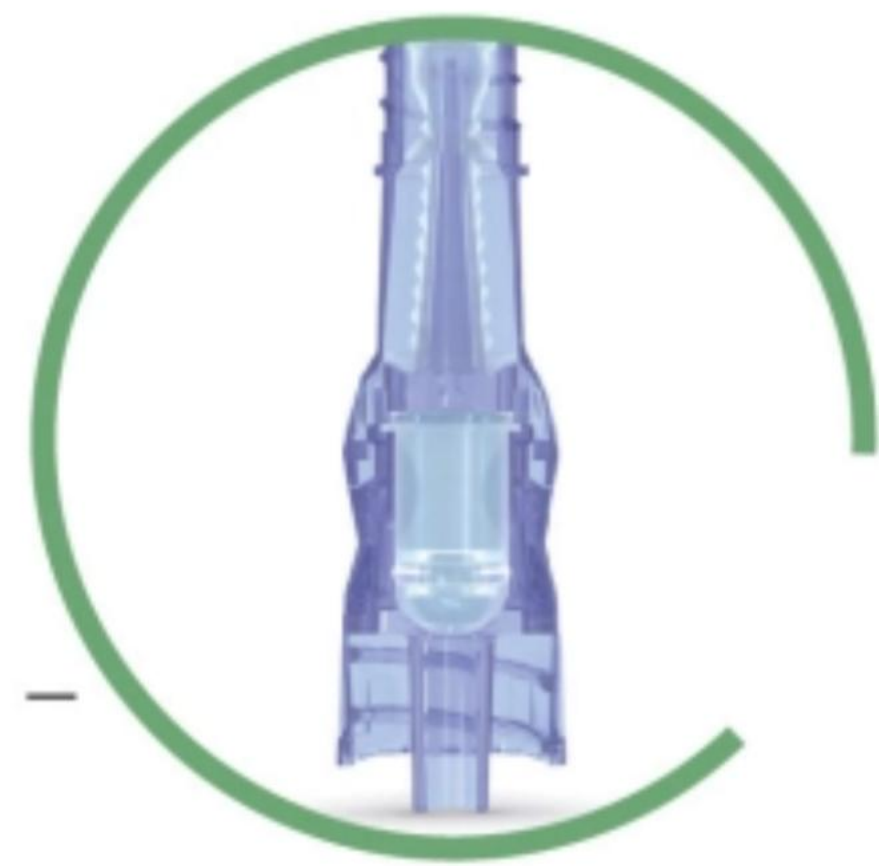
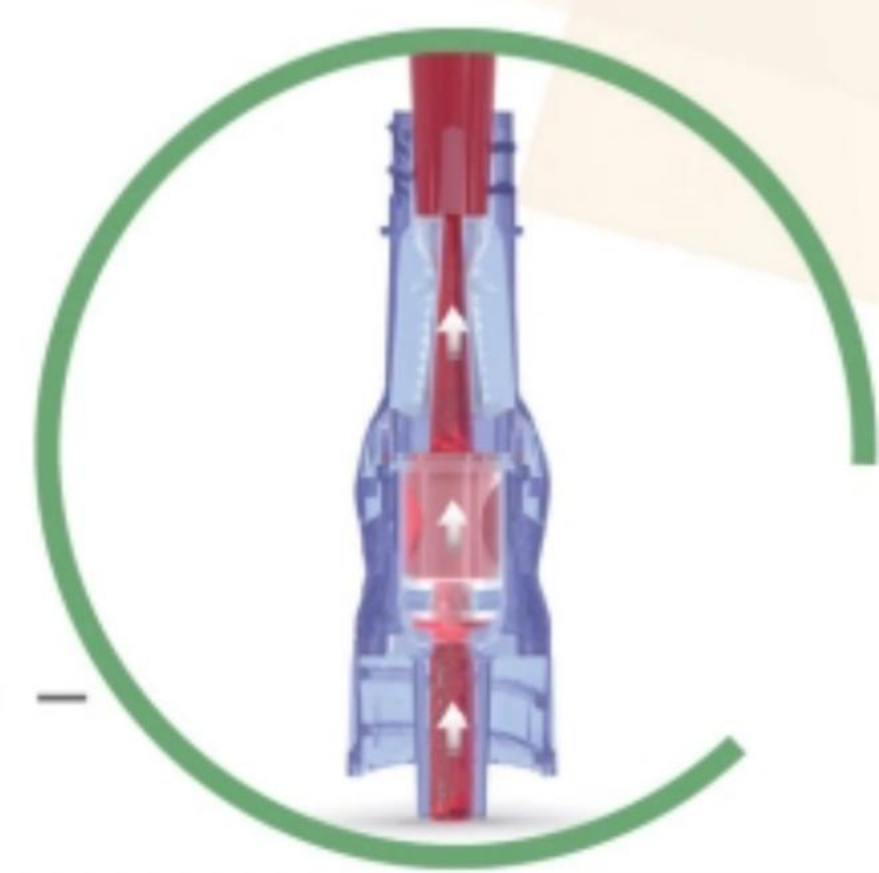
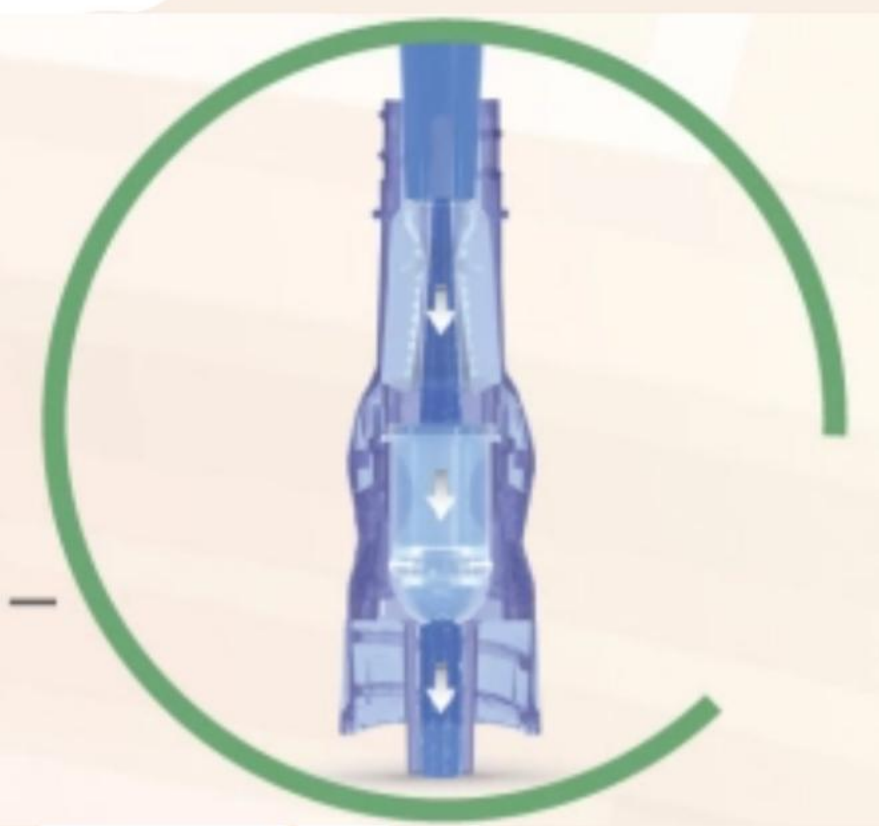
Features

✓ **Three-way valve technology:** effectively reduces blood backflow and lowers the incidence of catheter blockage

✓ **During infusion:** The valve opens in the forward direction for easy connection, enabling gravity infusion.

✓ **During aspiration:** The valve opens in the reverse direction to facilitate blood return withdrawal and blood sample collection.

✓ **During inter-treatment intervals:** The valve closes, effectively minimizing blood backflow caused by factors such as body movement, coughing, etc.



- ▶ **Septum structure with straight fluid pathway** enables thorough flushing, reducing the incidence of CRBSI .
- ▶ **Withstands a maximum pressure of 300 psi** and an injection flow rate of up to 10 mL/s, meeting the requirements for high-pressure injection of contrast media.

Specifications

- ✓ **Prevents thrombosis:** Minimizes the frequency of catheter manipulation, thereby reducing the risk of infection.
- ✓ **Cuts healthcare costs:** Significantly reduces unnecessary expenses associated with catheter blockage.
- ✓ **Enhances patient comfort:** Avoids pain and discomfort caused by unnecessary punctures.

Product Parameters

Parameter	Specification	Parameter	Specification	Parameter	Specification
Liquid level variation	0 μ L	Residual volume	0.15 mL	Flow rate	$\geq$ 3.6 L/h
Volume	36.50 $\times$ 11 mm	Syringe compatibility	Luer lock or straight port	Single continuous connection duration	7 days
Number of repeatable connections	200 times	High-pressure resistance	300 psi	Transparent infusion pathway	Yes
MRI compatibility	Yes	Metal content	No	Latex and plasticizers	No