

Neutron[®]

Needlefree Catheter Patency Device

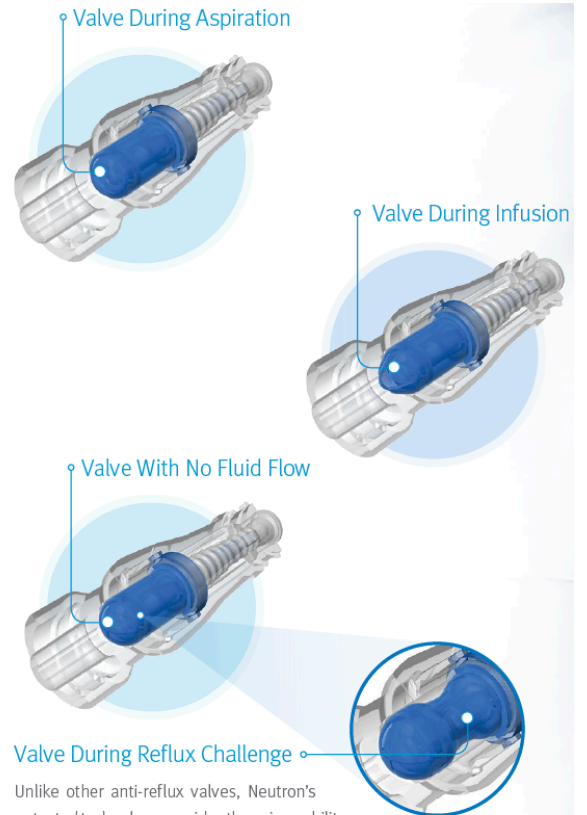
The first and only FDA-cleared device shown to significantly reduce all types of reflux into a catheter and feature ICU Medical's proven infection control technology.

Superior Anti-Reflux Technology

Because of an innovative design that incorporates a patented bi-directional silicone valve and bellows feature to help prevent reflux at all times, Neutron helps maintain catheter patency during times when traditional connectors have been shown to occlude most often.

Technical Specifications	
Residual Volume	0.1 mL
Flow Rate at Gravity	100 mL/minute
Blood Compatibility	Yes
MRI Compatibility	Yes
High Pressure Compatibility	10 mL/second

Drug Compatibility	
Alcohol	Yes
Lipids	Yes
Chlorhexidine	Yes
Chemotherapy	Yes



Valve During Reflux Challenge
 Unlike other anti-reflux valves, Neutron's patented technology provides the unique ability to absorb and physically compensate for pressure variations that typically result in blood reflux into a catheter.

Designed to Prevent All Known Causes of Reflux into a Catheter

Reflux of blood into the catheter has been shown to contribute to biofilm formation and catheter occlusion.

