

Nexus TKO[®]-6P

Luer Activated

Anti-Reflux Device



***Performance Solutions
Designed to Deliver
IV Catheter Patency 24/7!***



- Since 2001



Nexus TKO[®]-6P

Features & Benefits

Power Injectable to 325 psi, 10 mL/sec

Nexus Ez-Guide™ luer access interface:

The Nexus TKO[®]-6P has a smooth, swabbable surface designed to guide the luer into position for safe and easy activation

Nexus TKO[®]-6P provides *The Clear Benefit™* you can visually trust:

The Nexus TKO[®]-6P is a crystal clear device designed to allow the clinician to easily view the direct internal fluid path

Nexus TKO[®]-6P provides a *Productive Flush®*:

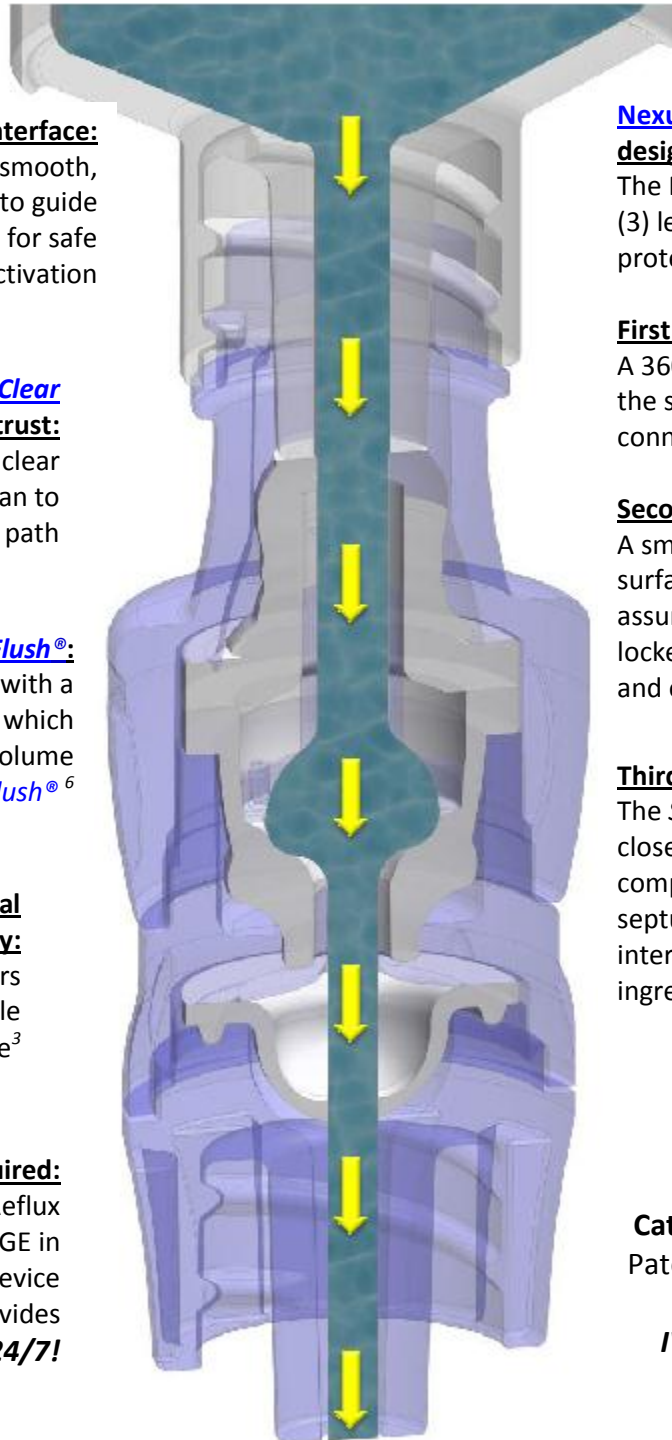
The Nexus TKO[®]-6P was designed with a clear, rigid direct internal fluid path which enables an effective low volume *Productive Flush®*

The exclusive single piece, crystal clear Anti-Reflux technology:

The Nexus TKO[®]-6P delivers catheter patency with a single crystal clear Anti-Reflux valve³

No clamping sequence required:

The Nexus TKO[®]-6P with Anti-Reflux technology requires NO CHANGE in practice or clamping sequence, the device automatically provides **Blood Reflux Protection 24/7!**



Nexus Tri-Seal™ microbial barrier design:

The Nexus *Tri-Seal™* design provides (3) levels of microbial ingress protection^{3,6}:

First Level of Protection:

A 360° compressed seal between the septum and the needle-free connector housing^{3,6}

Second Level of Protection:

A smooth, easy to disinfect septum surface with *Slit-Lock™* technology assures the septum slit is fully locked and sealed, promoting a safe and effective microbial barrier^{3,6}

Third Level of Protection:

The *Slit-Lock™* septum remains closed until the luer fully compresses the self-opening septum; further protecting the internal fluid path from microbial ingress^{3,6}



To Keep Open

Catheter Patency Technology:

Patented 3-position Anti-Reflux technology provides

IV Catheter Patency 24/7!

The Original Catheter Patency Technology

Anti-Reflux Technology



Designed to prevent many known causes of blood reflux

Typical causes of blood reflux

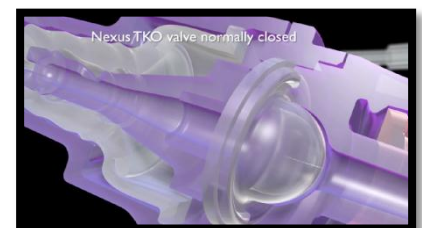
MECHANICAL:

- 💧 Syringe connection/disconnection
- 💧 Syringe plunger rebound
- 💧 IV bag run dry
- 💧 Venous pressure changes
- 💧 Low KVO rates
- 💧 External pressure from ventilators and other hospital equipment

PHYSIOLOGICAL:

- 💧 Patient Movement
- 💧 Coughing
- 💧 Sneezing
- 💧 Respiration
- 💧 Vomiting

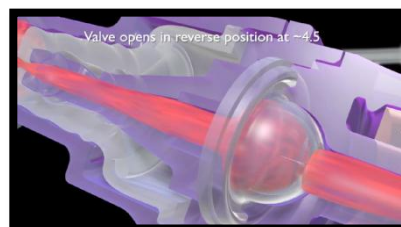
Normal Closed Position:
The TKO valve provides
Blood Reflux Protection 24/7!









Flush/Infusion:
The TKO valve opens forward
with normal gravity pressure



Blood Draw/Patency Check:
The TKO valve opens in
reverse for easy blood draw





-  **Blood Reflux Protection 24/7!**TM
-  **IV Catheter Patency 24/7!**TM
-  **Nexus Tri-Seal**TM microbial barrier design⁶
-  **Nexus Ez-Guide**TM luer access design⁶
-  **The Clear Benefit**TM device you can visually trust!
-  **Productive Flush**[®] clear, direct internal fluid path⁶

Nexus TKO[®]-6P Performance Specifications

510K	K130416	No Latex	Yes
Power Injectable	325 psi, 10 mL/sec	No DEHP	Yes
Flow Rate at Gravity ⁶	75 mL/min or 4500 mL/hr	Blood Compatible	Yes
Approx. Priming Volume ⁶	0.13 mL	Lipid Compatible	Yes
Functional Activations	100	Materials	Polycarbonate, Silicone
Swabbable	Yes	Biocompatible Materials	Yes
Microbial Barrier ⁶ (Ingress)	Yes	MRI Compatible	Yes
Mechanical Hemolysis ⁶	No	Direct Fluid Path	Yes
Flushing Efficacy ⁶	< 10 mL	Clear Fluid Path	Yes

**Blood Clots,
Catheters Don't!**

"Go Inside the Vein!"

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1. Jasinsky RN BSN, J Wurster RN MSN, "Occlusions Reduction and Heparin Elimination Trial using an Anti-Reflux Device on Peripheral and Central Intravenous Lines", *Intravenous Nurses Society* **2.** S Mitch RN CRNI, B Brandmeyer RN BSN, "PICC and Midline Catheter Occlusion Rates: A Prospective Study Comparing the Interlink Split Septum Device versus Nexus TKO Split Septum Pressure Activated Anti-Reflux Valve" **3.** William Jarvis MD, "Choosing the Best Design for Intravenous Needless Connectors to Prevent HA-BSI, Infection Control Today, **4.** Hadaway RN, C, CRNI, MEd, "Reopening the Pipeline, *Nursing* 2005, **5.** Jean-Francois Timit MD, CVC "Related Thrombus in ICU Patient, incidence, Risk Factors & relationship with Catheter-related Sepsis" *Chest Journal* 2008 **6.** Lab results on file at Nexus Medical LLC *Footnotes 1-5 used in other Nexus literature found online at www.nexusmedical.com