Nexus TKO®-6P
Luer Activated
Anti-Reflux Device

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

NEXUS MEDICAL
- 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 valve.

**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:

**First Level of Protection:**
A 360° compressed seal between the septum and the needle-free connector housing.

**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.

**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.

**To Keep Open**
Catheter Patency Technology:
Patented 3-position Anti-Reflux technology provides IV Catheter Patency 24/7!

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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 Clots, Catheters Don’t!

“Go Inside the Vein!”

www.nexusmedical.com


Nexus TKO®-6P Performance Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>510K</td>
<td>K130416</td>
</tr>
<tr>
<td>Power Injectable</td>
<td>325 psi, 10 mL/sec</td>
</tr>
<tr>
<td>Flow Rate at Gravity</td>
<td>75 mL/min or 4500 mL/hr</td>
</tr>
<tr>
<td>Approx. Priming Volume</td>
<td>0.13 mL</td>
</tr>
<tr>
<td>Functional Activations</td>
<td>100</td>
</tr>
<tr>
<td>Swabbable</td>
<td>Yes</td>
</tr>
<tr>
<td>Microbial Barrier (Ingress)</td>
<td>Yes</td>
</tr>
<tr>
<td>Mechanical Hemolysis</td>
<td>No</td>
</tr>
<tr>
<td>Flushing Efficacy</td>
<td>&lt; 10 mL</td>
</tr>
<tr>
<td>No Latex</td>
<td>Yes</td>
</tr>
<tr>
<td>No DEHP</td>
<td>Yes</td>
</tr>
<tr>
<td>Blood Compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Lipid Compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Materials</td>
<td>Polycarbonate, Silicone</td>
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<tr>
<td>Biocompatible Materials</td>
<td>Yes</td>
</tr>
<tr>
<td>MRI Compatible</td>
<td>Yes</td>
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<tr>
<td>Direct Fluid Path</td>
<td>Yes</td>
</tr>
<tr>
<td>Clear Fluid Path</td>
<td>Yes</td>
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</tbody>
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Blood Reflux Protection 24/7! ™

IV Catheter Patency 24/7! ™

Nexus Tri-Seal™ microbial barrier design

Nexus Ez-Guide™ luer access design

The Clear Benefit™ device you can visually trust!

Productive Flush® clear, direct internal fluid path