

**NO  
BLOOD  
Reflux!**

*Introducing*







# **Nexus TKO<sup>®</sup>-5**

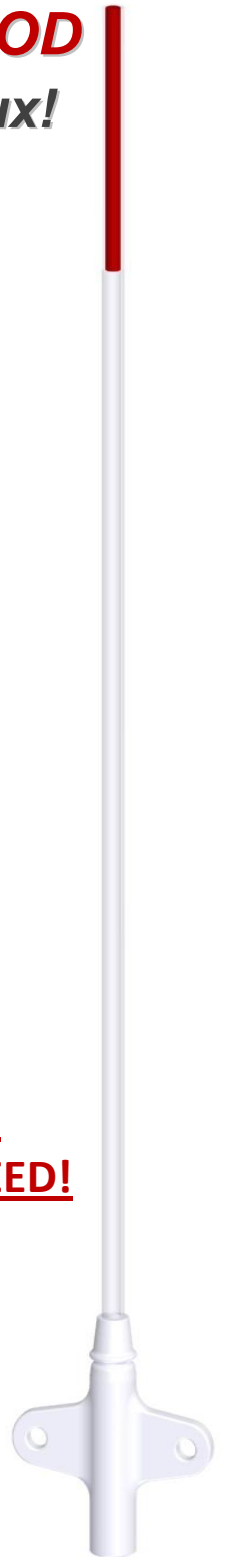
*Anti-Reflux Device*



***Neutral Displacement!***

Increase peripheral catheter life by **25% GUARANTEED!**  
**50% Decrease in tPA while *eliminating* Heparin GUARANTEED!**

-  **Blood Reflux *Protection 24/7!***
-  Flat Swabable
-  True Split Septum
-  Straight Fluid Pathway (<0.1mL)
-  Saline Only
-  Compliant with any Clamping Protocol



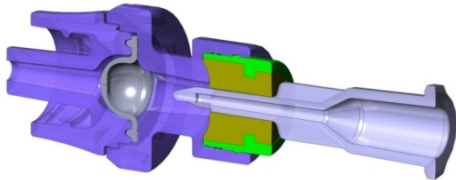
**NEXUS** 

# Nexus TKO<sup>®</sup>

Technology

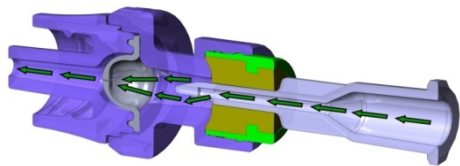
## Blood Reflux Protection 24/7!

### TKO Valve - Normal Closed Position



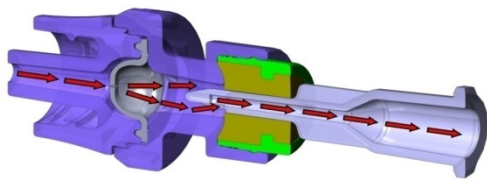
**Protection from blood reflux 24/7**

### TKO Valve - Flush/Infusion



**Opens forward** with normal gravity pressure

### TKO Valve – Blood Draw/Patency Check



**Opens in reverse** for easy blood draw

Does your injection site prevent blood reflux?

	Negative Displacement	Positive Displacement	Neutral Displacement	Nexus TKO <sup>®</sup> Anti-Reflux
Bag run-dry (gravity infusion)	No	No	No	Yes
Syringe plunger compression	No	No	No	Yes
Venous pressure changes	No	No	No	Yes
Disconnection of device	No	Yes	?	Yes
Connection of device	Yes	No	Yes	Yes

The Nexus TKO<sup>®</sup> Device Simplifies the Complexity of I.V. Therapy by **REDUCING BLOOD REFLUX** in your I.V. Catheters 24/7.

**“Preventing Blood Reflux” reduces I.V. catheter complications:**

- Occlusions
- Infiltrations
- Phlebitis
- Unscheduled Catheter Restarts
- Bloodstream Infections

### Documented Advantages of Nexus TKO<sup>®</sup> Technology:

- 41% Improvement in PICC & Central Line Occlusions<sup>1</sup>
- 40% Improvement in Peripheral Catheter Phlebitis & Infiltrates<sup>1</sup>
- 25% Improvement in overall Peripheral Catheter Life<sup>1</sup>
- 89% Decreased tPA usage while eliminating heparin flushes in PICCs and Central Lines<sup>2</sup>

1. Josinsky 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