








# Nexus NIS<sup>®</sup>-5

Blunt Plastic Cannula  
*Neutral Displacement*  
Needle-Free Device

-  **Nexus Tri-Seal™** microbial barrier design<sup>1</sup>
-  **The Clear Benefit™** you can visually trust!
-  **Productive Flush®** clear, direct internal fluid path<sup>1</sup>
-  Low Priming Volume
-  Minimizes Blood Reflux
-  No clamping sequence required
-  Power Injectable at 325 psi or 10mL/second



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



- Since 2001

# Nexus NIS<sup>®</sup>-5

Blunt Plastic Cannula  
Neutral Displacement  
Needle-Free Device

## Low Prime Volume:

APV 0.1 mL

### Nexus Ez-Guide™ access interface:

The Nexus NIS<sup>®</sup>-5 has a smooth, swabbable surface designed to guide the Plastic Cannula into position with low insertion force for safe and easy activation

### Nexus NIS<sup>®</sup>-5 provides The Clear Benefit™

#### you can visually trust:

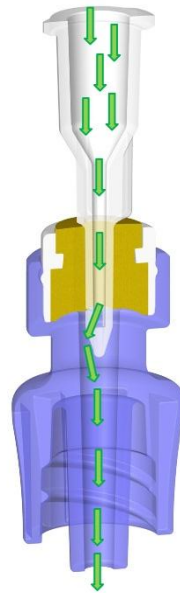
The Nexus NIS<sup>®</sup>-5 is a crystal clear device designed to allow the clinician to easily view the direct internal fluid path

### Nexus NIS<sup>®</sup>-5 provides a Productive Flush<sup>®</sup>:

The Nexus NIS<sup>®</sup>-5 was designed with a clear, rigid direct internal fluid path which enables an effective low volume *Productive Flush*<sup>®1</sup>

### No Changes in Clamping Protocol:

The Nexus NIS<sup>®</sup>-5 is compatible with all clamping sequences; however, we recommend the gold standard sequence which is flush, clamp, and remove



### Nexus Tri-Seal™ microbial barrier design:

The Nexus *Tri-Seal*<sup>™</sup> design provides (3) levels of microbial ingress protection<sup>6</sup>:

#### First Level of Protection:

A 360° compressed seal between the septum and the Septum housing

#### Second Level of Protection:

A smooth, easy to disinfect septum surface with *Slit-Lock*<sup>™</sup> technology assures the septum slit is fully locked and sealed, promoting a safe and effective microbial barrier

#### Third Level of Protection:

The *Slit-Lock*<sup>™</sup> septum remains closed until the Plastic Cannula opens septum slit deep inside the fluid pathway; further protecting the internal fluid path from microbial ingress

## Neutral Displacement:

Minimizes blood reflux in the catheter

### Nexus NIS<sup>®</sup>-5 Performance Specifications

510K	K092527
Flow Rate at Gravity	75 mL/min or 4500 mL/hr
Priming Volume	0.1 mL
Functional Activations	100
Microbial Barrier (Ingress)	Yes
Mechanical Hemolysis	No
Flushing Efficacy	< 10 mL
No Latex	Yes
No DEHP	Yes
Blood Compatible	Yes
Lipid Compatible	Yes
Materials	Polycarbonate & Polyisoprene
MRI Compatible	Yes
Direct Fluid Path	Yes
Clear Fluid Path	Yes

1. Results on file at Nexus Medical, LLC

**Minimizing Blood Reflux into the Catheter Reduces Unintended I.V. Catheter Complications:**

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



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