

TUTA



N- PULSE Needle Free Injection Port Self Opening Split Septum

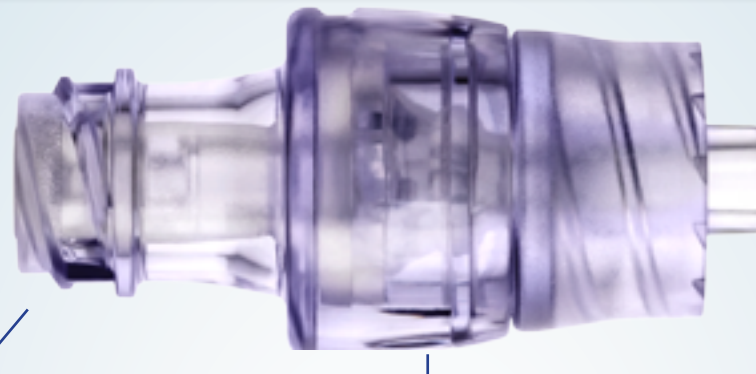


Innovation for the Healthcare Industry



N-PULSE Needle Free Injection Port Self Opening Split Septum

The **N-Pulse Needle-Free Connector** for infusion therapy is designed to complement best clinical practices to reduce the risk of catheter-related bloodstream infections (CRBSI), and reflux-induced catheter occlusions.¹⁻⁴



Self-opening split septum (SOSS)^{3,4}
Smooth, gapless surface

Low priming volume
allows for lower flush volumes

Flat, smooth, swabable surface^{3,4}
Promotes easy and complete cleaning

Clear housing
facilitates visualization of entire fluid path during priming and flushing

Product Code: 50.252P

Carton Qty: 100 units

FEATURES:

- The neutral fluid displacement at both Luer connection or disconnection helps reduce reflux-related occlusions. The lowest measured displacement and blood reflux of market leading valves.
- Self-opening split septum (SOSS) protects septum plane from abrasion unlike spike platforms.
- Dual seal design intended to defend against microbial ingress.²
- Designed to complement best clinical practices and does not require clinician clamping to control valve-induced reflux.⁴
- Ergonomically designed to balance usability and size in clinical applications where smaller is better.

TECHNICAL SPECIFICATIONS:

- Priming Volume < 0.1 mL
- Flow Rate at Gravity 6.0 L/hr
- Functional Actuations 1000
- High-Pressure Rated 2275 kPa

1. Jarvis W., MD. Choosing the Best Design for Intravenous Needleless Connectors to Prevent Bloodstream Infections. Infection Control Today, August 2010 <http://www.infectioncontroltoday.com/articles/2010/07/choosing-the-best-design-for-intravenous-needleless-connectors-to-prevent-bloodstream-infections.aspx>.
2. Ryder M, RN, PhD. Bacterial transfer through needlefree connectors: Comparison of nine different devices. Poster presented at the Annual Society for Healthcare Epidemiology of America (SHEA) conference 2007, Abstract 412.
3. Guideline for the Prevention of Intravascular Catheter-Related Bloodstream Infections, 2011 (<http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf>).
4. FDA Medical Device Safety Alert, July 28, 2010: Letter to Infection Control Practitioners Regarding Positive Displacement Needleless Connectors (<http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm220459.htm>)

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