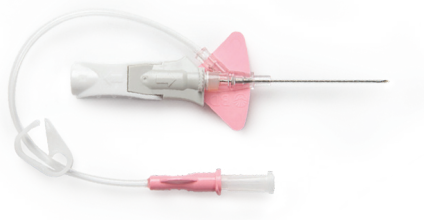


BD Nexiva™ Closed IV Catheter System

Tips for success



BD Nexiva™ Closed IV Catheter System—Single Port



BD Nexiva™ Closed IV Catheter System—Dual Port



BD Nexiva™ Closed IV Catheter System—Single Port with BD MaxZero™ Needle-Free Connector



BD Nexiva™ Closed IV Catheter System—Dual Port with BD MaxZero™ Needle-Free Connector

The BD Nexiva™ closed IV catheter system preserves sites longer and is designed to help protect patients by reducing the risk of complications and restarts.*^{1,2}

Experience:	Tips for success:
Too sharp	<ul style="list-style-type: none"> • Lower the insertion angle
Too dull	<ul style="list-style-type: none"> • Ensure the catheter is completely resealed over the needle, so the bevel is completely exposed prior to insertion • Maintain skin traction during insertion
Initial blood return, then flow stops blowing veins	<ul style="list-style-type: none"> • Once blood return is obtained, lower the entire catheter system and advance slightly to ensure both the needle and the catheter are in the vein. It is important to lower the catheter angle parallel with the vein to prevent puncturing through the back wall of the vein. • When advancing the catheter, ensure only the grey tab is advancing forward and the white finger grips are stationary. <i>(Do NOT pull the needle back while advancing the catheter, as this increases the risk of pulling the catheter out of the vein. Maintain traction on the skin during advancement.)</i>
No blood return	<ul style="list-style-type: none"> • Pulling back may reposition the catheter in the vein • Check that the clamp is disengaged • Do not replace the vent plug with a needle-free connector prior to insertion
Inadequate blood return (extension set does not completely fill)	<ul style="list-style-type: none"> • The catheter may have come out of the vein after initial blood return is obtained. Pull back slightly to verify if blood return continues • The catheter tip may have been advanced to a valve —pull back slightly on the catheter to verify if blood return continues • Catheter in a small vein— choose the correct sized catheter for the therapy and the vein • Remove the needle completely to encourage brisk blood flow • Patient condition may impact flow (<i>i.e., blood volume/pressure</i>)
Difficulty advancing	<ul style="list-style-type: none"> • Release the catheter/needle seal by separating the white/grey components and return to original position • Position fingers on white component at distal end and lightly grip it while advancing the needle forward using the grey push tab • To avoid friction between the stabilization platform and the skin, do not apply downward pressure while advancing the catheter forward

Other common questions:

- 1 Do I need to prime the extension set prior to starting?
No. The blood return will prime the extension set during insertion.
- 2 Should I add the BD MaxZero™ Needle-Free Connector prior to inserting?
No. This will prevent blood return from priming the extension set.
- 3 Can I add the BD MaxZero™ Needle-Free Connector to the IV administration set to prime instead of using a flush syringe?
– **Yes.** Remember to invert to prime the BD MaxZero™ Needle-Free Connector at the end of the IV administration set. Remove protective cover of the BD MaxZero™ Needle-Free Connector and insert the male luer to the catheter hub using a straight-on approach.
– Release the clamp and flush
– Disconnect the clamp when not in use

*Compared to an open system

References

- 1 González López JL, Arribi Vilela A, Fernández del Palacio E, Olivares Corral J, Benedicto Martín C, Herrera Portal P. Indwell times, complications and costs of open vs closed safety peripheral intravenous catheters: a randomized study. *J Hosp Infect.* 2014;86(2):117-126.
- 2 Bausone-Gazda D, Lefaiver CA, Walters SA. A randomized controlled trial to compare the complications of 2 peripheral intravenous catheter-stabilization systems. *J Infus Nurs.* 2010;33(6):371-384.

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