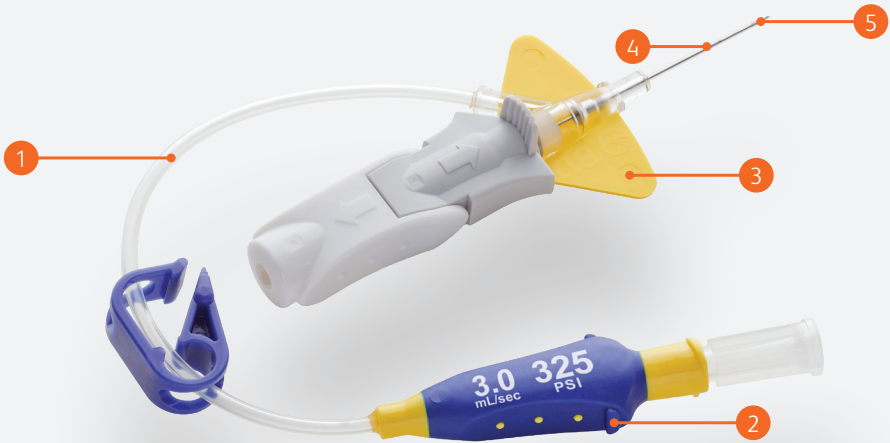


BD Nexiva Diffusics™ closed IV catheter system

Achieve performance under pressure.

Integrated system for the delivery of contrast media via power injection.



1 Integrated design, integrated care.

The system features an all-in-one catheter and extension set built.

This configuration minimises blood exposure during insertion and reduce potential for contamination.¹

2 Easy identification.

Clear indication of maximal achievable flow rates and pressure resistance, helping to eliminate the confusion.¹

3 Stabilisation.

The built-in stabilisation platform is soft and flexible, and is designed to help minimise catheter movement in the vessel and improve catheter dwell time. Minimises movements that can lead to complications and the need to reinsert the catheter.²

4 Success in sight.

BD Instaflash™ needle technology provides immediate visual feedback of a successful vessel entry, reducing the number of insertion attempts required.^{3,4}

Patient safety and efficiency in contrast delivery.

5 Effective diffusion of contrast media in the vein enables high flow rates, even with the smaller gauge catheter and high viscosity contrast media, without compromising image quality.^{3,6}

Reduces the destabilising effects that can lead to extravasation, thus contributes to the care of patients with fragile and small veins.^{3,6-9}

1. Nexiva Diffusics Instruction fo Use. Revision January 2012.
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 Nov Dec;33(6):371-84.
3. Clark T. Innovative IV Catheter Improves Patient Outcomes. Abstract #10, AVA 2013.
4. Tamura A, Kato K, Kamala M, Suzuki T, Suzuki M, Nakayama M, Tomabechi M, Nakasato T, Ehara S. Selection of peripheral intravenous catheters with 24-gauge side-holes versus those with 22 gauge end-hole for MDCT: A prospective randomized study. *Eur J Radial.* 2017 Feb;87:8-12
5. Johnson PT, Christensen GM, Fishman EK. IV contrast administration with dual source 128-MDCT: a randomized controlled study comparing 18-gauge nonfenestrated and 20-gauge fenestrated catheters for catheter placement success, infusion rate, image quality and complications. *Am J Roentgenol.* 2014;202(6):1166-1170.
6. Kim J, Kim EI, Hur JH, Ham JO, Kim YK, Choi SL The Usefulness of Fenestrated Intravenous Catheters Compared With Nonfenestrated Catheter for Cardiac Multidetector Computed Tomography. *J Com put Assist Tomogr.* 2019 May/Jun;43(3):423-427
7. An in-vitro Study Measuring IV Catheter Recoil Forces During Power Injection of Iodinated Contrast Media. BD Medical. 2011
8. An In-vitro Assessment of Diffuser Efficiency During Power Injection of Iodinated Contrast Media using BD Nexiva™ Diffusics™. BD Medical. 2011.
9. An In-vivo, Ovine, Fluoroscopic Assessment of Catheter Motion During Power Injection of Iodinated Contrast Media. BD Medical 2011.

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