

SOLUTIONS THAT SEE US THROUGH

The BD portfolio of IV catheters and flush products creates an ideal balance between patients' and clinicians' needs.

Our innovative solutions are **focused** on caring for you and your patients by helping clinicians **deliver** best-in-class care and **improve** patient experience while providing a comprehensive protection for your highly valued healthcare workers and clinicians. But it all starts with having the right technologies, right from the start.



ORDERING INFORMATION ENCLOSED

TO LEARN ABOUT ALL THE WAYS **BD** IS CARING ABOUT YOU AND YOUR PATIENTS:

Visit bd.com/ivcaths today
or call (888) 237-2762

References: **1.** *U.S. Market for Vascular Access Devices and Accessories.* iData Research Inc. 2013. **23.** **2.** Rickard C, Webster J, Wallis MC, et al. Routine versus clinically indicated replacement of peripheral intravenous catheters: a randomised controlled equivalence trial. *Lancet* [serial online]. 2012;380:1066-1074. **3.** Maki DG, Ringer M. Risk factors for infusion-related phlebitis with small peripheral venous catheters. *Ann Intern Med.* 1991;114(10):845-854. **4.** Infusion Nurses Society. Infusion nursing standards of practice. *J Infus Nurs.* 2011;34(1S). **5.** Onia R, Eshun-Wilson I, Arce C, et al. Evaluation of a new safety peripheral IV catheter designed to reduce mucocutaneous blood exposure. *Curr Med Res Opin.* 2011;27(7):1339-1346. **6.** 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. **7.** Data on file at BD. **8.** Alexander M, Corrigan A, Gorski L, et al. *Infusion Nurses Society: Infusion Nursing: An Evidence Based Approach.* 3rd ed. St. Louis, MO: Saunders Elsevier; 2010:410. **9.** O'Grady NP, Alexander M, Burns LA, et al. Guidelines for the prevention of intravascular catheter-related infections. CDC. 2011:16, 36.

*Compared to a FEP catheter

†Compared to a non-blood control IV catheter

*Compared to an IV catheter with a stand-alone securement device

§Compared to a non-integrated IV catheter

¶Compared to a non-diffused IV catheter



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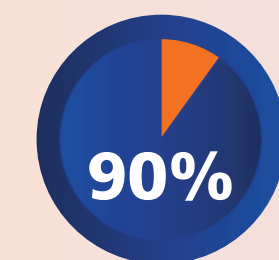
*The Right Technologies,
Right From the Start*

CHALLENGES THAT FACE US

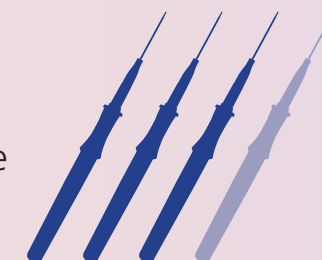
In today's healthcare environment, hospitals face mounting pressure to **improve** outcomes, **reduce** risk, and **lower** cost.

In addition, **patient satisfaction** is becoming more and more important as it affects reimbursement and even competitive standing.

Now consider:



90% of
hospitalized
patients receive
IV therapy¹



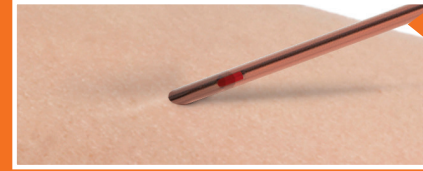
1 in 4 IV
catheters
fail²

What better place to make a difference?

THE BD PORTFOLIO OF IV TECHNOLOGIES

The right technologies to care for you and your patients.

Understanding our customer and patient needs is a key priority at BD. The proprietary technologies you'll find in all our IV catheters are designed with advanced features to help you provide best-in-class quality care, while minimizing the number of sticks and unnecessary IV starts per patient.



BD Instaflash™ Needle Technology

- Notched needle designed to help improve first-stick proficiency
- Designed to minimize painful hit-and-miss insertions



BD Vialon™ Biomaterial

- Provides longer dwell times by addressing mechanical phlebitis risks,^{3*} improving the patient experience



BD Insyte™ Autoguard™ BC Shielded IV Catheters With Blood Control Technology



Caring for You and Your Patients

You work hard every day to provide the best possible care for your patients and achieve better patient outcomes. To be your best, you need the right tools to support you. That's why BD Insyte™ Autoguard™ BC Shielded IV Catheters are designed with distinctive features tailored for the clinician's safety and performance, while enhancing the patient's experience.

- **Provide better quality care and clinician efficiency**
 - BD Instaflash™ needle technology incorporates a notched needle to help improve first-stick proficiency
- **Reduce the risk of mechanical phlebitis³**
 - Proprietary BD Vialon™ biomaterial provides longer dwell times,^{3*} supporting the current Infusion Nursing Standards of Practice for clinically indicated site rotation⁴
- **Help protect healthcare workers**
 - Push-button needle shielding provides automatic sharps injury protection
 - Reducing risk of blood exposure by 95%^{5†}



BD Nexiva™ Closed IV Catheter System



Seamless Patient Care, With an IV Catheter That Lasts

Any disruption in the treatment process can affect your ability to provide quality care and can negatively impact the patient experience. That's why the BD Nexiva™ Closed IV Catheter System, the first of its kind, all-in-one closed system IV catheter, is designed to minimize the risk of IV catheter failure.

- **Minimize movement that can lead to catheter complications and restarts^{6†}**
 - Built-in stabilization platform and pre-attached extension tubing
- **Support current Infusion Nursing Standards of Practice for clinically indicated site rotation⁴**
 - Proprietary BD Vialon biomaterial softens up to 70% in the vein,⁷ enabling longer dwell times^{3*}
- **Power injection compatible, minimizing the need to change catheters as patient care evolves**
 - Single and dual ports and 18- to 22-gauge bore tubing are compatible in CT
 - Minimize fluid leaking at the catheter and extension set connection
- **Integrated system reduces the risk of touch contamination and accidental disconnection during procedures^{4,8§}**



BD Nexiva™ Diffusics™ Closed IV Catheter System

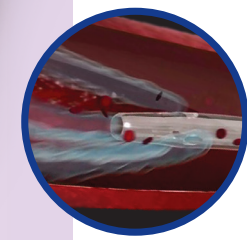


Performance Under Pressure

Providing quality patient care efficiently and minimizing the risk of complications are always top of mind anytime you use an IV catheter, but power injection protocols can pose particular challenges.

That's why the BD Nexiva™ Diffusics™ Closed IV Catheter System is designed to address common CT IV challenges, including those faced during high-pressure injections.⁷

- **Reduce the destabilizing effects that can lead to extravasation**
 - Catheter tip features multiple teardrop-shaped holes to diffuse flow and decrease catheter motion in the vein by up to 67%^{7†}
- **Enable high flow rates in patients with difficult access**
 - Smaller gauge catheter (22-24 G) facilitates insertion in even the most challenging patients
- **Reduce the chance of mechanical phlebitis^{3*}**
 - Proprietary BD Vialon biomaterial softens up to 70% in the vein,⁷ enabling longer dwell times^{3*}



BD PosiFlush™ SureScrub™ Pre-Filled Syringes



Easier for You, Safe for Your Patients

In addition to our portfolio of IV catheters, BD offers BD PosiFlush™ SureScrub™ Pre-Filled Syringes, providing solutions to help increase clinician efficiency and improve the quality of care.

- **Ready-to-use flush syringes co-packaged with sterile alcohol pad**
 - Helps comply with needleless connector disinfection procedure
- **Designed to promote compliance with INS and CDC guidance^{4,9}**
- **Intended to reduce risk of non-compliance to hospital disinfection protocols**
- **Quick disinfection time**
 - Each 5-second scrub followed by a 5-second dry time with alcohol pad provides a 99.99% (4-log) reduction in bacteria⁷
- **Barcoding to assist in record keeping**
- **Optimized work flow**



Caring
**FOR YOU AND
YOUR PATIENTS**