

# THE NATURE OF INNOVATION

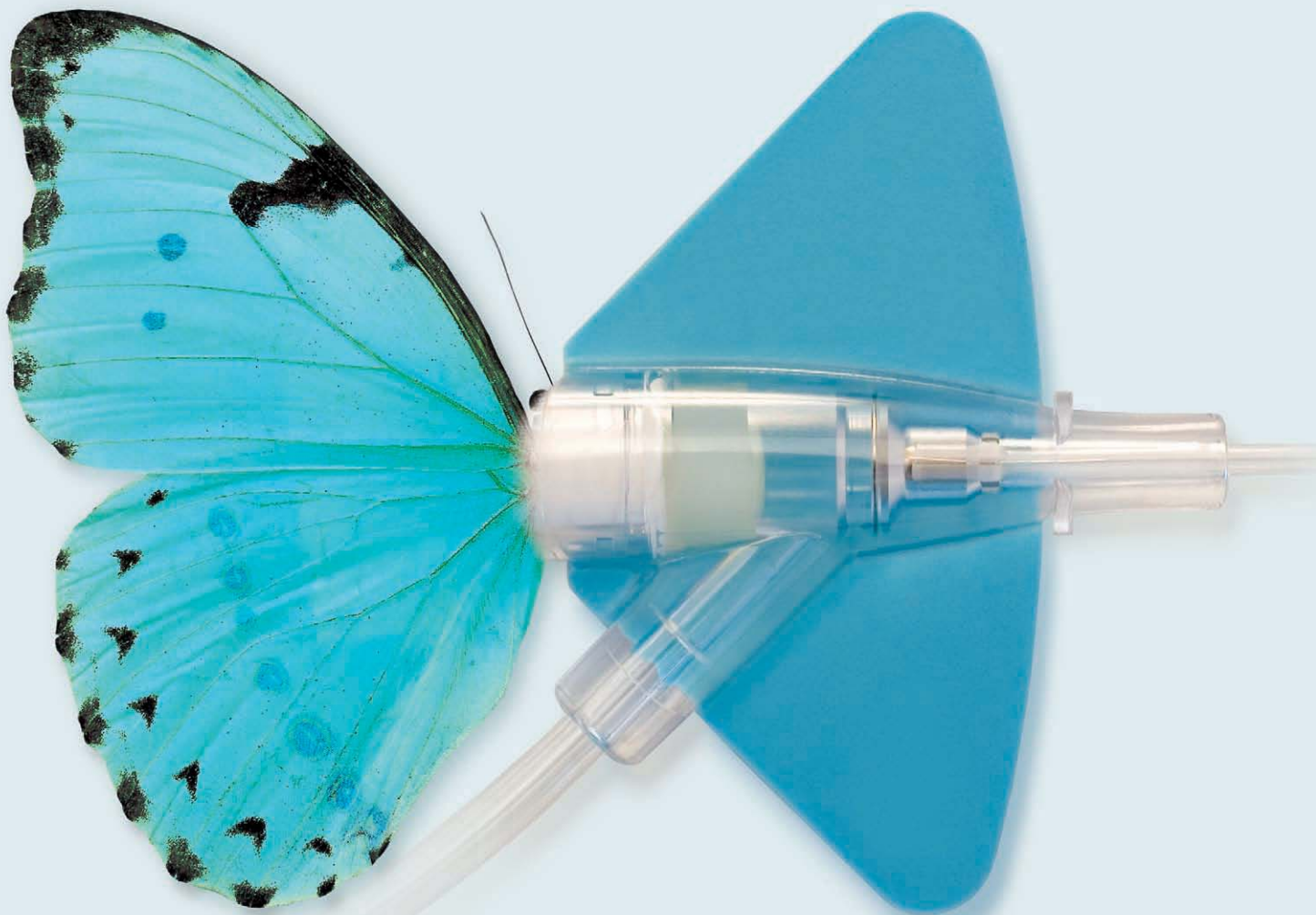
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INTRODUCING A NEW STANDARD IN IV THERAPY.

BD NEXIVA™ Closed IV Catheter System



Helping all people  
live healthy lives



# THE NATURE OF CLOSED SYSTEMS

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BLOOD CONTAINMENT IS JUST THE BEGINNING.

Taking subtle cues from nature, we've developed the profoundly simple, yet radically advanced BD Nexiva™ Closed IV Catheter System. The first of its kind, this all-in-one system is designed to reduce insertion attempts for first-stick success, as well as reduce your exposure to blood through the innovative blood-containment system.



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## Passive Protection

As you withdraw the needle, passive needle-shielding technology is engaged, which is designed to help reduce accidental injuries and ensure compliance without compromising insertion techniques.



Having an all-in-one system decreases my exposure to blood and the potential risk of contamination.

### ● **BD Q-Syte™ Luer Access Split Septum**

A testament to the power of simplicity. Its minimal design offers maximum benefits, including high flow rates, exceptional reliability, clear visibility and cleanability.

### ● **Dual Access**

A second port allows for simultaneous administration of compatible fluids and medications near the insertion site. A second BD Q-Syte device is included in the package.

### ● **All-in-One Closed System**

The pre-assembled system creates a closed single lumen fluid path, designed to minimize blood leakage from the catheter hub, and the potential for contamination and exposure to blood.

### ● **Built-in Stabilization Device**

A soft, flexible stabilization platform is integrated within the catheter system. It is designed for stability and comfort, and to minimize catheter movement in the vessel, as well as irritation to the vessel.

### ● **BD Instaflash™ Needle Technology**

Designed to reduce hit-and-miss insertion by confirming the vessel entry, enabling you to stay focused on the insertion site.

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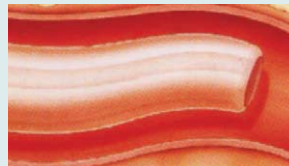
### **LOWER CATHETER-RELATED BLOOD STREAM INFECTIONS (CRBSI).**



A split-septum needleless access system has 64%-70% lower CRBSI rates than mechanical valves.<sup>1,2</sup> Patients are three times more likely, on average, to develop a CRBSI with the use of mechanical valves versus a split-septum needleless access system.<sup>1,2</sup>

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### **INCREASE DWELL TIME.**



Clinically proven BD Vialon™ Biomaterial softens up to 70% in the vessel, reducing the chance of mechanical phlebitis by up to 50%.<sup>3,5</sup> Multiple clinical investigations conducted over 10 years have proven that IV catheters made of BD Vialon Biomaterial provide longer indwelling times and, consequently, require fewer restarts.<sup>3,4</sup>

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### **STICK. SEE. SECURE.**



A successful first stick is important for both you and your patient, especially when accessing small and compromised veins. The sharp needle enables a smooth penetration through the skin and into the vessel.

1 Salgado CD, et al. Increased rate of catheter-related bloodstream infection associated with use of a needleless mechanical valve device at a long-term acute care hospital. *Infection Control and Hospital Epidemiology*. 2007;28.  
2 Rupp ME, et al. Outbreak of bloodstream infection temporally associated with the use of an intravascular needleless valve. *Clinical Infectious Diseases*. 2007;44.  
3 Maki D, Ringer, M. Risk Factors for Infusion-related Phlebitis with Small Peripheral Venous Catheters. *Annals of Internal Medicine*. 1991;114:845-854.  
4 Gaukroger, PB, Roberts, JG, Manners, TA. Infusion Thrombophlebitis: A Prospective Comparison of 645 Vialon® and Teflon® Cannulae in Anaesthetic and Postoperative Use. *Anaesthesia and Intensive Care*. 1988;16:3.  
5 Data on file.



PRODUCT INFORMATION

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BD NEXIVA™ CLOSED IV CATHETER SYSTEM

REFERENCE NUMBER	COLOR CODE	GAUGE SIZE	CATHETER LENGTH	CATHETER O.D. (mm)	CATHETER I.D. (mm)	EXTENSION TUBE I.D. (mm)	UNITS BOX/CASE	FLOW RATE H <sub>2</sub> O (mL/hr)
383530	Yellow	24	0.56	0.71	0.36	1.22	20/80	840
383531	Yellow	24	0.75	0.71	0.36	1.22	20/80	780
383532	Blue	22	1.00	0.90	0.52	1.22	20/80	1620
383533	Pink	20	1.00	1.10	0.64	1.22	20/80	2520
383534	Pink	20	1.25	1.10	0.64	1.22	20/80	2400
383535	Pink	20	1.75	1.10	0.64	1.22	20/80	2280
383536*	Pink	20	1.00	1.10	0.64	1.65	20/80	3240
383537*	Pink	20	1.25	1.10	0.64	1.65	20/80	3120
383538*	Pink	20	1.75	1.10	0.64	1.65	20/80	2880
383539*	Green	18	1.25	1.31	0.81	1.65	20/80	5040
383540*	Green	18	1.75	1.31	0.81	1.65	20/80	4680

For power injection use, refer to Instructions For Use.

\*Larger bore tubing.

BD Q-SYTE™ LUER ACCESS SPLIT SEPTUM



REFERENCE NUMBER	UNITS BOX/CASE	FLOW RATE H <sub>2</sub> O (mL/hr)	INTERNAL VOLUME (mL)
385100	50/200	32 L/hr	0.1 mL

Test Method: ISO 10555-5 Annex B (Max flow @ 525 +/-25mL/min).



For more information about how BD products are improving health care, please visit [www.bd.com](http://www.bd.com) or call us at 1.888.237.2762.

**BD Medical**  
9450 South State Street  
Sandy, Utah 84070  
1.888.237.2762  
[www.bd.com/infusion](http://www.bd.com/infusion)