

DESIGNED WITH YOUR NEEDS IN MIND.

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BD Autoguard™ Shielded IV Catheters for Care Delivered Outside of the Traditional Hospital Setting

Because First-Stick Success is So Important

Your patients have different needs and therefore you have different needs, which is why BD developed the BD Autoguard™ shielded IV catheters with BD Instaflash™ needle technology. The BD Instaflash needle technology is designed to reduce hit-and-miss insertion attempts by immediately confirming vessel entry, enabling you to stay focused on the insertion site. The unique design allows you to see the blood return within the catheter before it reaches the flash chamber.

In patients with compromised veins where first-stick success is of special importance, BD Autoguard shielded IV catheters may provide you added confidence when accessing the vein.

A Difference You Can Feel

BD Vialon™ biomaterial, available in BD Insyte™ Autoguard™ shielded IV catheters, is a unique, proprietary biomaterial, developed especially for vascular access. In multiple clinical investigations conducted over ten years, BD Vialon catheters have proven to be easier to insert while providing longer dwell times with improved patient outcomes.^{1,2,3,4}

BD Angiocath™ Autoguard™ shielded IV catheters feature FEP polymer for those who prefer an FEP polymer catheter material.

BD Vialon biomaterial is markedly more flexible than other IV catheter materials.⁵ According to one study, "Kinking was not found in any of the Vialon cannulae after removal."²

Proven Protection

BD Autoguard shielded IV catheters mean added safety for you. The BD Autoguard push-button needle shielding technology was proven to achieve a 95% reduction in needlestick injuries.⁶

The First Choice To Help You Achieve First-Stick Success

To find out how BD Autoguard shielded IV catheters can help you experience the satisfaction that comes from getting a successful stick, contact BD at 1-888-237-2762 or visit www.bd.com/infusion.



1 Maki D, Ringer M. Risk Factors for Infusion-related Phlebitis with Small Peripheral Venous Catheters. *Annals of Internal Medicine*. 1991;114:845-854.

2 Gaukroger PB, Roberts JG, Manners TA. Infusion Thrombophlebitis: A Prospective Comparison of 645 Vialon® and Teflon® Canulae in Anesthetic and Postoperative Use. *Anesthesia and Intensive Care*. August 1988;16(3).

3 Stanley M, Meister E, Fuschuber K. Infiltration During Intravenous Therapy in Noenates. Comparison of Teflon® and Vialon® Catheters. *Southern Medical Journal*. September 1992;85(9):883-886.

4 McKee JM, Shell JA, Warren TA, Campbell VP. Complications of Intravenous Therapy: A Randomized Prospective Study—Vialon vs. Teflon. *Journal of Infusion Nursing*. September 1989;12:288-295.

5 Data on file.

6 Mendelson MH, Chen LBY, Finkelstein LE, Bailey E, Kogan G, Mt Sinai Medical Center, New York, NY. Preliminary Evaluation of a Safety IV Catheter (Insyte Autoguard, Becton Dickinson) using the Centers for Disease Control and Prevention (CDC) National Surveillance System for Hospital Healthcare Workers Database. *Abstr. Centers for Disease Control and Prevention - 4th Decennial International Conference on Nosocomial and Healthcare-Associated Infections*. March 2000.



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BD Insyte™ Autoguard™ Shielded IV Catheter with BD Vialon™ Biomaterial

Catalog # Non-Winged	Catalog # Winged	Gauge	Length	Flow Rate	O.D.	I.D.
381412	381512	24	0.75" (0.7 mm x 19 mm)	20 mL/min	.0260 - .0290	.0190 - .0220
381423	381523	22	1.00" (0.9 mm x 25 mm)	35 mL/min	.0330 - .0360	.0240 - .0270
381433	381533	20	1.00" (1.1 mm x 25 mm)	65 mL/min	.0410 - .0440	.0300 - .0330
381434	381534	20	1.16" (1.1 mm x 30 mm)	60 mL/min	.0410 - .0440	.0300 - .0330
381437	381537	20	1.88" (1.1 mm x 48 mm)	55 mL/min	.0410 - .0440	.0300 - .0330
381444	381544	18	1.16" (1.3 mm x 30 mm)	105 mL/min	.0500 - .0530	.0370 - .0400
381447	381547	18	1.88" (1.3 mm x 48 mm)	95 mL/min	.0500 - .0530	.0370 - .0400
381454	381554	16	1.16" (1.7 mm x 30 mm)	220 mL/min	.0670 - .0700	.0520 - .0550
381457	381557	16	1.77" (1.7 mm x 45 mm)	205 mL/min	.0670 - .0700	.0520 - .0550
381467	N/A	14	1.75" (2.1 mm x 45 mm)	330 mL/min	.0830 - .0860	.0665 - .0705

(Shipping case contains 200 units – 4 boxes of 50.)



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BD Angiocath™ Autoguard™ Shielded IV Catheter with FEP Polymer

Catalog # Non-Winged	Gauge	Length	Flow Rate	O.D.	I.D.
381700	24	0.75" (0.7 mm x 19 mm)	20 mL/min	.0260 - .0290	.0190-.0220
381701	22	1.00" (0.9 mm x 25 mm)	35 mL/min	.0330 - .0360	.0240-.0270
381702	20	1.00" (1.1 mm x 25 mm)	65 mL/min	.0410 - .0440	.0300-.0330
381703	20	1.16" (1.1 mm x 30 mm)	60 mL/min	.0410 - .0440	.0300-.0330
381704	20	1.88" (1.1 mm x 48 mm)	55 mL/min	.0410 - .0440	.0300-.0330
381705	18	1.16" (1.3 mm x 30 mm)	105 mL/min	.0500 - .0530	.0370-.0400
381706	18	1.88" (1.3 mm x 48 mm)	95 mL/min	.0500 - .0530	.0370-.0400
381707	16	1.16" (1.7 mm x 30 mm)	220 mL/min	.0670 - .0700	.0520-.0550
381708	16	1.77" (1.7 mm x 45 mm)	205 mL/min	.0670 - .0700	.0520-.0550
381709	14	1.75" (2.1 mm x 45 mm)	330 mL/min	.0830 - .0860	.0665-.0705

(Shipping case contains 200 units – 4 boxes of 50.)



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