



**Immediate Visual  
Confirmation  
of Vessel Entry**



**BD**

Helping all people  
live healthy lives

***A Notch Above the Rest.***



**BD Instaflash™ Needle Technology**

## Designed to Increase First-Stick Success

A successful first-stick is important for both you and your patient, especially when accessing small and compromised veins. BD Instaflash needle technology is designed to reduce hit-and-miss insertion by immediately confirming vessel entry through a unique notch in the needle shaft.

BD Medical provides the largest selection of notched needle devices and has incorporated its notched needle technology into our 20, 22, and 24-gauge BD Insyte™ Autoguard™ and BD Angiocath™ Autoguard™ shielded IV catheters as well as our BD Introsyte-N™ Autoguard™ 26-gauge (1.9 Fr) PICC shielded introducer.

BD Instaflash needle technology provides immediate visual confirmation of vessel entry and is designed to enhance first-stick success.



*first-stick success*

The needle shaft provides instant confirmation of vessel entry.

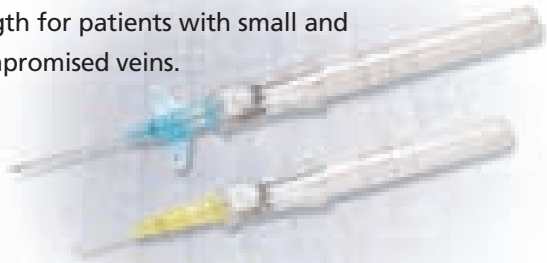


# BD Autoguard™ Push-Button Needle Shielding Technology was Proven in One Study to Achieve a 95% Reduction in Needlestick Injuries

*BD Autoguard Technology resulted in a "95% reduction in IV stylet-related NIs . . ."*\*

## **BD Insyte™ Autoguard™ Family of Shielded IV Catheters**

The BD Insyte Autoguard family of shielded IV catheters incorporates the BD push-button shielding technology, designed to safeguard clinicians from accidental needlesticks. Made of BD Vialon™ biomaterial which softens when in the vein, these catheters reduce the risk of phlebitis and increase dwell times.\*\* Available in winged and non-winged configurations, and a 0.56" length for patients with small and compromised veins.



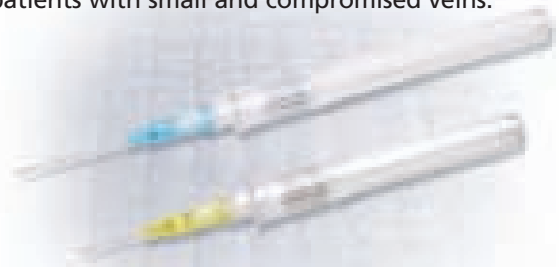
## **BD Angiocath™ Autoguard™ Family of Shielded IV Catheters**

The BD Angiocath Autoguard family of shielded IV catheters incorporates the BD push-button shielding technology, designed to safeguard clinicians from accidental needlesticks. Made of FEP polymer, these catheters feature a thinwall design and tapered tip that result in a smoother insertion and optimal flow rates. Available in a 0.56" length for patients with small and compromised veins.



## **BD Autoguard Pro™ Family of Shielded IV Catheters**

BD Autoguard Pro shielded IV catheters are designed to protect clinicians from accidental needlestick injuries. They incorporate a passive retraction technology that automatically retracts the needle into a protective shield when it is withdrawn from the catheter. Made of BD Vialon biomaterial which softens in the vein, these catheters reduce the risk of phlebitis and increase dwell times. Available in a 0.56" length for patients with small and compromised veins.



## **BD Introsyte™ Autoguard™ Family of Shielded Introducers**

BD Introsyte Autoguard introducers, for PICC and midline catheter placement, incorporate BD's clinically proven Autoguard shielding technology. A plastic cannula, needle-tipping process and lubrication systems make BD splittable sheath introducers the preferred choice for safe and easy insertion.



*95% reduction in needlestick injuries*

### BD Insyte™ Autoguard™ Shielded IV Catheters

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.75 in. (0.7 x 19 mm) | 381412        | Yellow |
| 22 G X 1.00 in. (0.9 x 25 mm) | 381423        | Blue   |
| 20 G X 1.00 in. (1.1 x 25 mm) | 381433        | Pink   |
| 20 G X 1.16 in. (1.1 x 30 mm) | 381434        | Pink   |
| 20 G X 1.88 in. (1.1 x 48 mm) | 381437        | Pink   |
| 18 G X 1.16 in. (1.3 x 30 mm) | 381444        | Green  |
| 18 G X 1.88 in. (1.3 x 48 mm) | 381447        | Green  |
| 16 G X 1.16 in. (1.7 x 30 mm) | 381454        | Gray   |
| 16 G X 1.77 in. (1.7 x 45 mm) | 381457        | Gray   |
| 14 G X 1.75 in. (2.1 x 45 mm) | 381467        | Orange |

### BD Insyte™ Autoguard™ Winged Shielded IV Catheters

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.75 in. (0.7 x 19 mm) | 381512        | Yellow |
| 22 G X 1.00 in. (0.9 x 25 mm) | 381523        | Blue   |
| 20 G X 1.00 in. (1.1 x 25 mm) | 381533        | Pink   |
| 20 G X 1.16 in. (1.1 x 30 mm) | 381534        | Pink   |
| 20 G X 1.88 in. (1.1 x 48 mm) | 381537        | Pink   |
| 18 G X 1.16 in. (1.3 x 30 mm) | 381544        | Green  |
| 18 G X 1.88 in. (1.3 x 48 mm) | 381547        | Green  |
| 16 G X 1.16 in. (1.7 x 30 mm) | 381554        | Gray   |
| 16 G X 1.77 in. (1.7 x 45 mm) | 381557        | Gray   |

### BD Insyte-N™ Autoguard™ Shielded IV Catheters

| Description                            | Reference No. | Color  |
|--|---------------|--------|
| 24 G X 0.56 in. (0.7 x 14 mm)          | 381411        | Yellow |
| 24 G X 0.56 in. (0.7 x 14 mm) w/ wings | 381511        | Yellow |

### BD Angiocath™ Autoguard™ Shielded IV Catheters

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.75 in. (0.7 x 19 mm) | 381700        | Yellow |
| 22 G X 1.00 in. (0.9 x 25 mm) | 381701        | Blue   |
| 20 G X 1.00 in. (1.1 x 25 mm) | 381702        | Pink   |
| 20 G X 1.16 in. (1.1 x 30 mm) | 381703        | Pink   |
| 20 G X 1.88 in. (1.1 x 48 mm) | 381704        | Pink   |
| 18 G X 1.16 in. (1.3 x 30 mm) | 381705        | Green  |
| 18 G X 1.88 in. (1.3 x 48 mm) | 381706        | Green  |
| 16 G X 1.16 in. (1.7 x 30 mm) | 381707        | Gray   |
| 16 G X 1.77 in. (1.7 x 45 mm) | 381708        | Gray   |
| 14 G X 1.75 in. (2.1 x 45 mm) | 381709        | Orange |

Shipping case contains 200 units (4 boxes of 50)

\* 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.

\*\* Dennis Maki, MD, and Marilyn Ringer. BSN. MS. "Risk Factors for Infusion-related Phlebitis with Small Peripheral Venous Catheters." Annals of Internal Medicine, 1991; 114:845-854.

### BD Angiocath-N™ Autoguard™ Shielded IV Catheter

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.56 in. (0.7 x 14 mm) | 381720        | Yellow |

### BD Autoguard Pro™ Shielded IV Catheters

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.75 in. (0.7 x 19 mm) | 381731        | Yellow |
| 22 G X 1.00 in. (0.9 x 25 mm) | 381732        | Blue   |
| 20 G X 1.00 in. (1.1 x 30 mm) | 381733        | Pink   |
| 20 G X 1.16 in. (1.1 x 30 mm) | 381734        | Pink   |
| 18 G X 1.16 in. (1.3 x 30 mm) | 381735        | Green  |
| 16 G X 1.16 in. (1.7 x 30 mm) | 381736        | Gray   |
| 14 G X 1.16 in. (2.1 x 30 mm) | 381737        | Orange |

### BD Autoguard-N Pro™ Shielded IV Catheter

| Description                   | Reference No. | Color  |
|-------------------------------|---------------|--------|
| 24 G X 0.56 in. (0.7 x 14 mm) | 381730        | Yellow |

Shipping case contains 200 units (4 boxes of 50)

### BD Introsyte™ Autoguard™ Shielded Introducers

| Description          | Reference No. | Needle | Sheath |
|----------------------|---------------|--------|--------|
| 20 G (3 Fr) x 3.2 cm | 384010        | 19 G   | 17 G   |
| 18 G (4 Fr) x 3.2 cm | 384011        | 17 G   | 14 G   |
| 16 G (5 Fr) x 3.2 cm | 384012        | 15 G   | 13 G   |

#### Product Compatibility

20 G (2.6-3.0 Fr) PICC and midline catheters  
 18 G (3.5-4.0 Fr) PICC and midline catheters  
 16 G (5 Fr) PICC and midline catheters

### BD Introsyte-N™ Autoguard™ Shielded Introducer

| Description            | Reference No. | Needle | Sheath |
|------------------------|---------------|--------|--------|
| 26 G (1.9 Fr) x 1.9 cm | 384008        | 22 G   | 20 G   |

#### Product Compatibility

26 G (1.9-2.0 Fr) PICC catheters

Shipping case contains 10 introducers

 Notched Needle



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