

Connect to confidence, care and comfort.

BD Cathena™ Safety IV Catheter with BD Multiguard™ Technology



1 BD Instaflash™ Needle Technology

Provides immediate visual confirmation of vessel entry, significantly improving first-attempt insertion success rates.^{2,3*}

2 BD Vialon™ Catheter Material

Enables longer dwell times and reduces the chance of mechanical phlebitis by up to 50%.^{4,5**}

3 BD Multiguard™ Technology

Eliminates the need for venous compression during insertion, connections and disconnections, and blood draws,¹ reducing the risk of blood exposure.^{††}

4 Primary and secondary tabs

Ergonomically designed to accommodate a variety of techniques.

5 Passive safety

Automatically shields the needle as it is withdrawn, providing protection from needlestick injury and blood exposure.

6 With or without wings

Configurations available to address clinician preference.

References:

1. Onia R, Eshu-Wilson I, Arce, C, et al. Evaluation of a new safety peripheral IV catheter designed to reduce mucocutaneous blood exposure. CMRO. 2011 ;27(7):1339-1346.
2. Van Loon FH, Timmerman R, den Brok GP, et al. The impact of a notched peripheral intravenous catheter on the first attempt success rate in hospitalized adults: Block-randomized trial. J Vase Access. 2021. DOI: 10.1177/1129729821990217.
3. Seetharam AM, Raju U, Suresh K. A randomized controlled study to compare first stick success with Instaflash technology: The FIRSST study. J Vase Access. 2022;11297298221080369.
4. Maki DG, Ringer M. Risk factors for infusion-related phlebitis with small peripheral venous catheters. A randomized controlled trial. Annals of Internal Medicine. 1991 ;11-4:815-851.
5. Dawkins L, Britton D, Johnson I, et al. A randomized trial of winged Vialon cannulae and metal butterfly needles. Int J Palliat Nurs. 2000;6(3):110-6.

Cathena™ Safety IV Catheters are suitable for use with power injectors set to a maximum pressure of 325 psi (22-40 kPa). For up to 10 seconds. ^{††}compared to a non-safety, non-blood control catheter. ^{*}Compared to a non-notched needle. ^{**}Compared to an FEP (fluorinated ethylene propylene) catheter.