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BD introduces next-generation needle-free blood draw technology

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New peripheral line draw solution delivers first and only compatibility with integrated catheters



American medtech firm BD (Becton, Dickinson and Company) has launched new needle-free blood draw technology compatible with integrated catheters, helping to further enable the company's vision of a "One-Stick Hospital Stay."

With 510(k) clearance from the US Food and Drug Administration (FDA), the new PIVO™ Pro Needle-free Blood Collection Device features design improvements to achieve the first and only compatibility with integrated and long peripheral IV catheters, including the new Nexiva™ Closed IV Catheter System with NearPort™ IV Access. This expands on current PIVO™ compatibility with traditional short peripheral IV catheters available since 2017.

The new solution combines the clinical benefits shown for the integrated closed Nexiva™ Catheter System, including longer dwell times and reduced catheter complications, with the ability to draw high-quality blood samples directly from a patient's peripheral IV line with PIVO™ Pro, reducing the need for additional needlesticks. With needle phobia experienced by more than 60 percent of the adult population, this solution helps improve the patient experience by alleviating fear and anxiety associated with repetitive needlesticks.

By removing the needle from blood draws and reducing IV replacements, it may reduce the risk of needlestick injury and blood exposure for clinicians while preserving a patient's vessel health.