



# BD Vacutainer® UltraTouch™ Push Button Blood Collection Set

Designed to deliver a positive patient experience



# Phlebotomy is critical to patient care



Often one of the patient's **1st** procedures during a hospital visit<sup>1</sup>



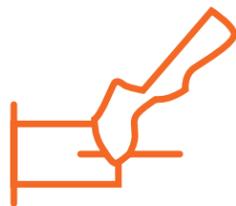
**70%** of all clinical decisions are made based on information from lab test results<sup>2</sup>



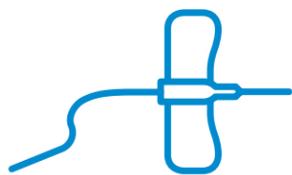
**8/10** For 8 out of 10 patients, it influences their overall satisfaction<sup>3</sup>

## Decisions need to be made...

### Device type



Straight needle



Wingset

### Gauge size



25 G



23 G



21 G

## ...with so much to consider

- Patient assessment
- Product availability
- Procedure efficiency

- Haemolysis risk
- Patient comfort



## Difficult venous access (DVA) is a common challenge—can technology help?

**56%**

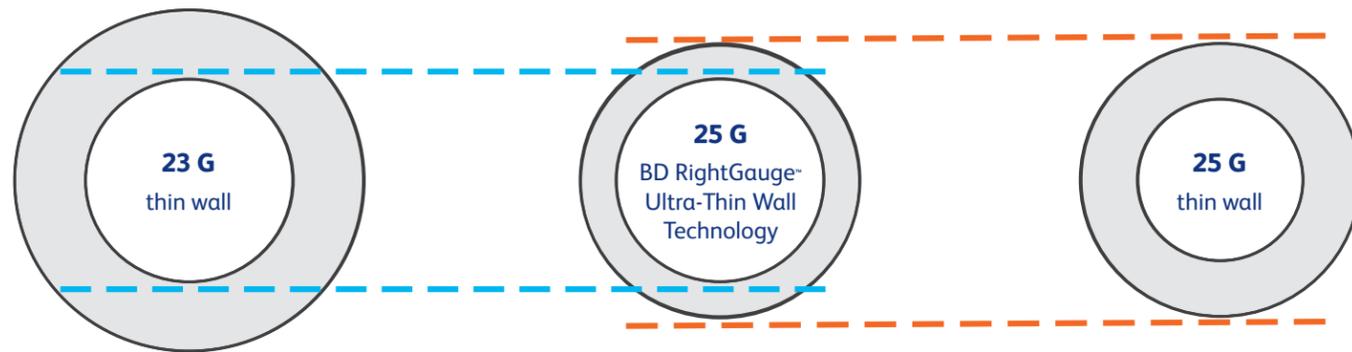
of blood collections are from patients with diagnoses associated with DVA, a clinical condition in which multiple attempts and/or special interventions are required to achieve and maintain peripheral venous access.<sup>4</sup>

**94%**

of patients who report difficult collections also report that at least two attempts were required to have their blood drawn.<sup>5</sup>

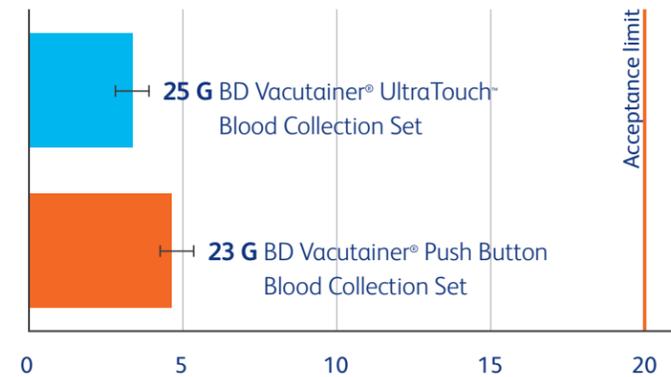
# BD RightGauge™ Technology

The BD Vacutainer® UltraTouch™ Push Button Blood Collection Set is designed with BD RightGauge™ technology, which reduces the cannula wall thickness and increases the inner diameter of the cannula enabling the use of a smaller gauge needle for blood collection in patients with difficult venous access, who commonly have small, fragile and/or non-palpable veins, such as paediatric, oncology and geriatric patient populations, without compromising sample quality.<sup>6</sup>



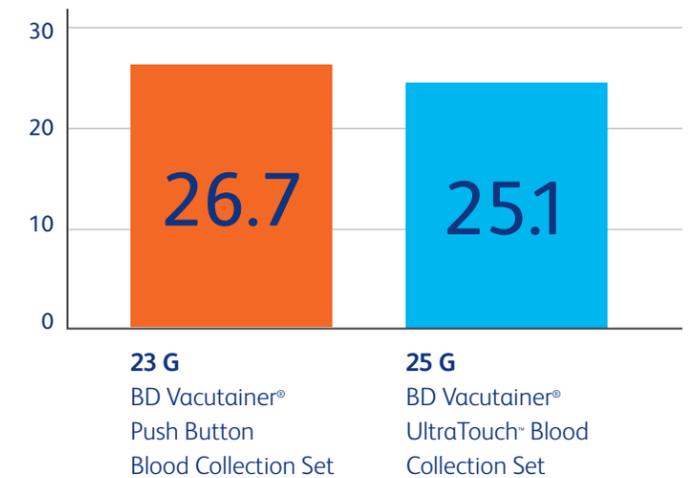
No increase in haemolysis compared to 23 G traditional wingset<sup>7</sup>

**Average haemolysis index**  
(≤20 acceptance limit)



No compromise in tube fill times<sup>8</sup>

**Tube fill times\***  
5-mL tube fill time (seconds)



\*Note: Tube fill time evaluation is based on a bench study. Bench study results may not necessarily be indicative of clinical performance.



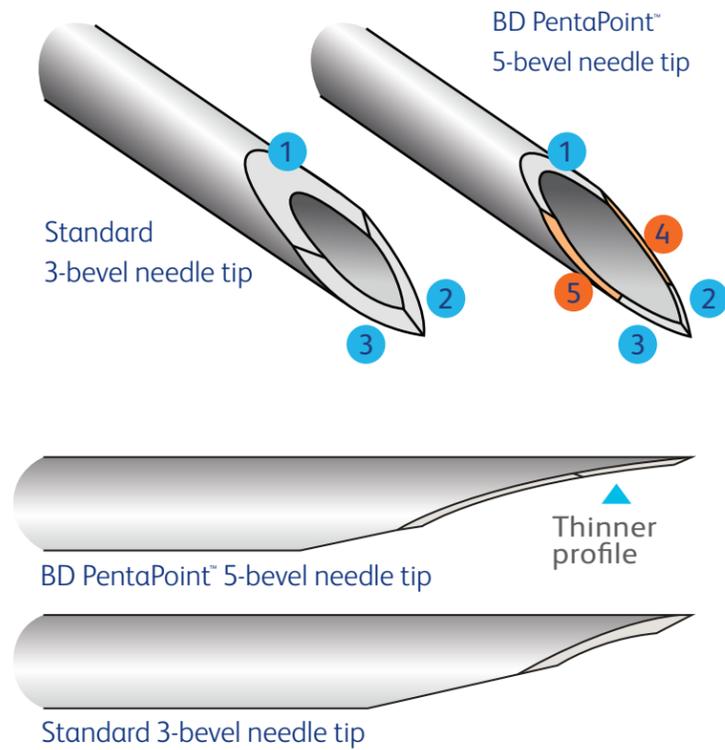
The Clinical Laboratory Standards Institute (CLSI) historically states to avoid the use of 25 G needles.

Previous editions of Document GP41, Collection of Diagnostic Venous Blood Specimens, from The Clinical and Laboratory Standards Institute (CLSI) specifically instructed phlebotomists to avoid the use of 25-gauge needles because slower blood flow increases the risk of haemolysis and sample rejection by the laboratory.

**However, the most current 7th edition (April 2017) of the CLSI guidelines, GP41, reflects a modified view because of advances in technology, and states that the use of some 25-gauge needles may now be acceptable.**



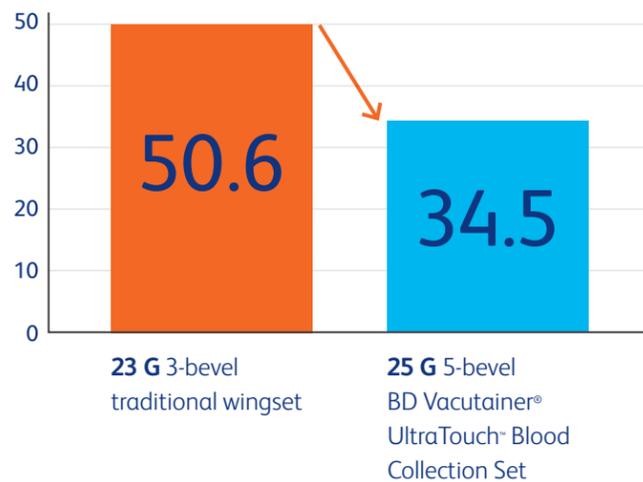
# BD PentaPoint™ Technology



32% reduction in penetration force<sup>9</sup>

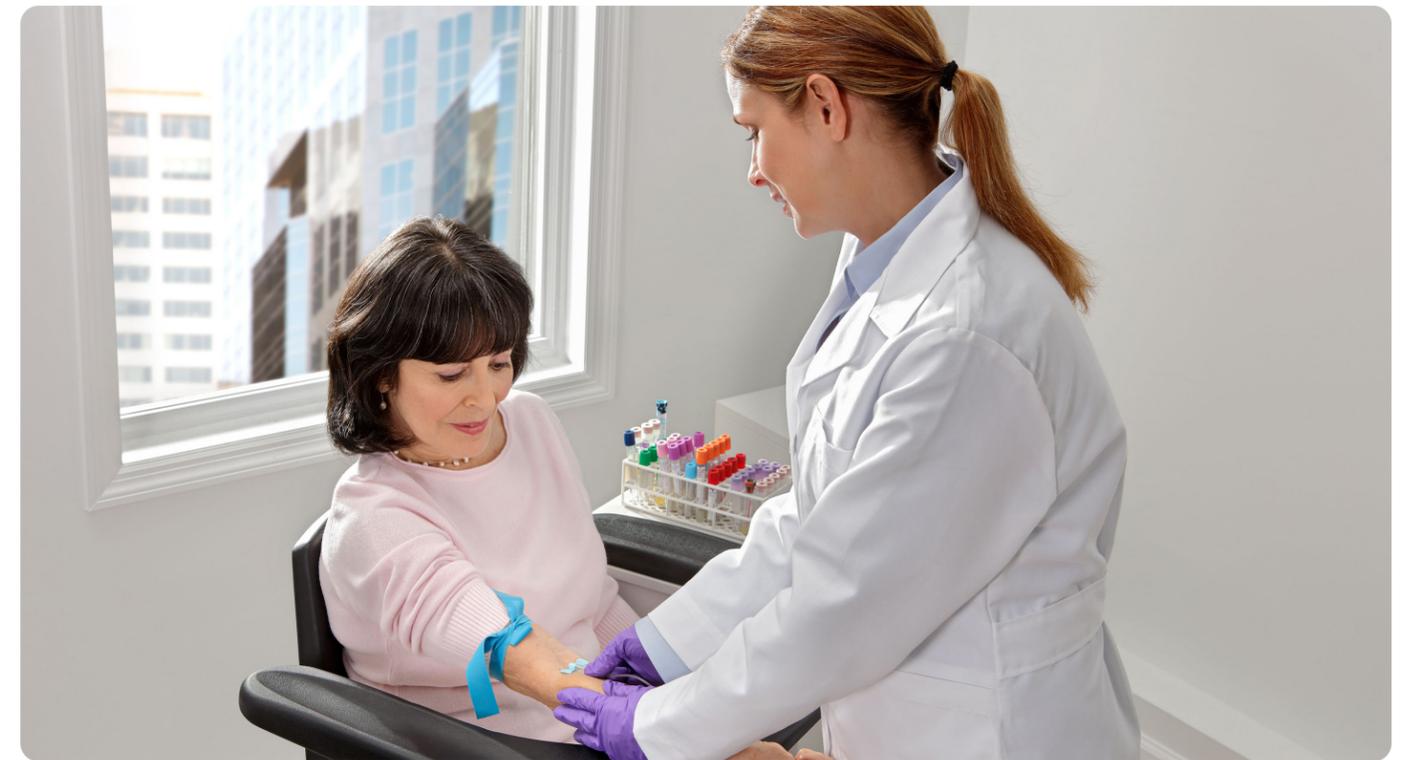
### 3-bevel vs 5-bevel

Penetration force (in grams)



In one study, the 25 G BD Vacutainer® UltraTouch™ Push Button blood collection set demonstrated:

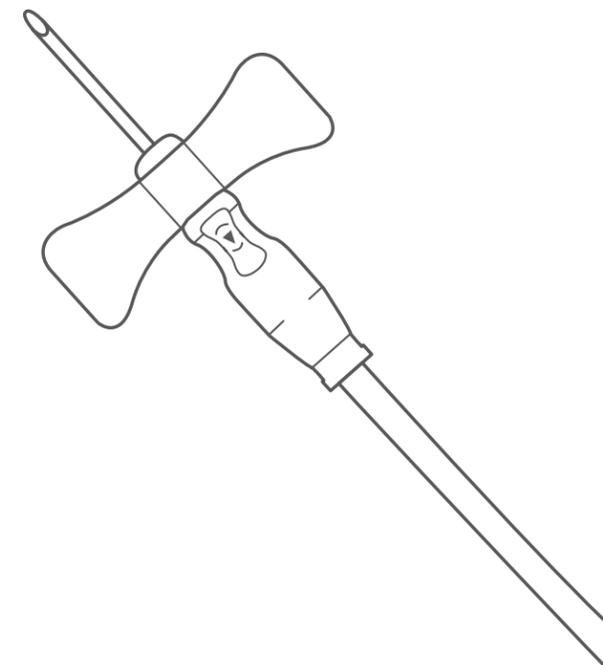
- A statistically significant decrease in perceived overall pain perception vs. 23 G competitive blood collection set<sup>7</sup>
- A statistically significant decrease in needle insertion pain perception vs. 23 G BD Vacutainer® SafetyLok™ blood collection set<sup>7</sup>



# BD Push Button Technology

- Single-handed, in-vein safety activation
- Delivers split-second protection
- “Click” confirms complete safety activation

Reduces needlestick injuries by up to **88%**<sup>10</sup>



# Contact your BD Sales Representative to learn how we can help you deliver a positive patient experience

BD Vacutainer® UltraTouch™ Blood Collection Set with Luer Adapter ordering information:

Cat no.	Description	Shelf pack/case
367393	21 G x 0.75" needle with 7" tubing with Luer Adapter	50/200
367365	21 G x 0.75" needle with 12" tubing with Luer Adapter	50/200
367392	23 G x 0.75" needle with 7" tubing with Luer Adapter	50/200
367364	23 G x 0.75" needle with 12" tubing with Luer Adapter	50/200
367391	25 G x 0.75" needle with 7" tubing with Luer Adapter	50/200
367363	25 G x 0.75" needle with 12" tubing with Luer Adapter	50/200

BD Vacutainer® UltraTouch™ Blood Collection Set with Pre-Attached Holder ordering information:

Cat no.	Description	Shelf pack/case
368686	21 G x 0.75" needle with 7" tubing with Pre-Attached Holder	20/100
368689	21 G x 0.75" needle with 12" tubing with Pre-Attached Holder	20/100
368685	23 G x 0.75" needle with 7" tubing with Pre-Attached Holder	20/100
368688	23 G x 0.75" needle with 12" tubing with Pre-Attached Holder	20/100
368684	25 G x 0.75" needle with 7" tubing with Pre-Attached Holder	20/100
368687	25 G x 0.75" needle with 12" tubing with Pre-Attached Holder	20/100

## References

1. Stankovic, Ana. Putting patients first during blood collection. *MLO*. 2013; 1-10. 2. Holland L, Smith L, Blick K. Reducing laboratory turnaround time outliers can reduce ED patient length of stay: an 11-hospital study. *Am J Clin Pathol*. 2005;124(5):672-674. 3. American Opinion Research. *Clinician preferences for blood collection devices*. Princeton, NJ: Integrated Marketing Services; 2012. 4. Adapted from: Rauch D, Dowd D, Eldridge D, Mace S, Schears G, Yen K. Difficult peripheral venous access in children. *Clin Pediatr (Phila)*. 2009;48(9):895-901. doi: 10.1177/0009922809335737. 5. American Opinion Research. *Patient Preferences for Blood Collection Devices*. Princeton, NJ: Integrated Marketing Services; July 2012. 6. VeRonika D, Merrill, Assessing Phlebotomy Device Preference and Specimen Quality in an Oncology Outpatient Clinic. *JALM*. 2021:1-9. 7. Mouser A, Uettwiller-Geiger D, Plokhoy E, Berube J, Ahuja A, Stankovic AK. Evaluation of pain and specimen quality by use of a novel 25-gauge blood collection set with ultra-thin wall cannula and 5-bevel tip design. *J Appl Lab Med*. 2017;2(2):201-210. 8. Evaluation of Tube Fill Time of the BD Vacutainer® UltraTouch™ Push Button Blood Collection Set with PentaPoint™ Comfort Bevel and RightGauge™ Cannula as Compared with the Current BD Vacutainer® Push Button Blood Collection Set with Thin Wall 3-Bevel Cannula. White paper VS9249. Franklin Lakes, NJ: BD; 2016. 9. Comparison of Penetration Force for the BD Vacutainer® UltraTouch™ Push Button Blood Collection Set with PentaPoint™ Comfort Bevel and RightGauge™ Cannula to the Current BD Vacutainer® Push Button Blood Collection Set with Thin Wall 3-Bevel Cannula. White paper VS9248. Franklin Lakes, NJ: BD; 2016. 10. Hotaling M. A retractable winged steel (butterfly) needle performance improvement project. *Jt Comm J Qual Patient Saf*. 2009;35(2):100-105.

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