BD Vacutainer® UltraTouch™ Push Button Blood Collection Set
Phlebotomy is critical to care

Often one of the patient’s first procedures during a hospital visit.

70% of all clinical decisions are made based on information from lab test results.

For 8 out of 10 patients, it influences their overall satisfaction.
Decisions need to be made...

- Straight needle?
- Wingset?

23 gauge (G)?

- 21 G?
- 25 G?
...with so much to consider

- Patient assessment?
- Product availability?
- Procedure efficiency?
- Hemolysis risk?
- Patient experience?

60% wingsets

68% 23 G

The Clinical Laboratory Standards Institute (CLSI) historically states to avoid the use of 25 G needles.
Difficult venous access (DVA) is a common challenge—can technology help?

56% of blood collections are from patients with a diagnosis associated with DVA.

94% of nurses state that using a small-gauge needle assists them with accessing veins on otherwise difficult patients.

Yet hemolysis risk and tube-fill time prevent routine use of 25 G.

91% of nurses would prefer a 25 G blood collection device that eliminates the increased risk of hemolysis and slower fill times associated with traditional blood collection devices.

Healthcare practitioners like you have asked for innovations that would allow selection of the right product without concern for the traditional negative trade-offs.
BD RightGauge™ Technology

No increase in hemolysis compared to 23 G traditional wingset

Average hemolysis index
(≤20 acceptance limit)

No compromise in tube fill times

Tube fill times
5-mL tube fill time (seconds)
BD PentaPoint™ Technology

- Single-handed, in-vein safety activation
- Delivers split-second protection
  - Reduces needlestick injuries by up to 88%
- “Click” confirms complete safety activation

32% reduction in penetration force

3-bevel vs 5-bevel
Penetration force (in grams)

<table>
<thead>
<tr>
<th></th>
<th>23 G 3-bevel traditional wingset</th>
<th>25 G 5-bevel BD Vacutainer® UltraTouch™ Blood Collection Set</th>
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<tbody>
<tr>
<td>25 G 3-bevel</td>
<td>50.6</td>
<td>34.5</td>
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<tr>
<td>23 G</td>
<td>3-bevel traditional wingset</td>
<td>5-bevel BD Vacutainer® UltraTouch™ Blood Collection Set</td>
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<tr>
<td>Penetration</td>
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<tr>
<td>Force (grams)</td>
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47% decrease in overall pain during blood collection

Average overall pain scores
25 G UT-PBBCS vs 23 G competitive wingset \( P = 0.037 \) Pain score (0-10)

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<thead>
<tr>
<th></th>
<th>23 G</th>
<th>25 G</th>
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<tbody>
<tr>
<td>23 G 3-bevel</td>
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<tr>
<td>Competitive</td>
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<td>Set</td>
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BD® Push Button Technology

- Single-handed, in-vein safety activation
- Delivers split-second protection
  - Reduces needlestick injuries by up to 88%
- “Click” confirms complete safety activation
Hear what customers are saying about the BD Vacutainer® UltraTouch™
Push Button Blood Collection Set

“Some patients don’t even realize they’ve had their blood drawn, the poke is so much
dless painful for them. Nurses are happy they can reduce pain for their patients.”
–Jennifer Rettmann, Infection Prevention, Beaver Dam Community Hospital

“We have a high elderly population at our facility, and it has increased our ability
to cut down multiple sticks and increase patient comfort.”
–Angelique Chadish, Phlebotomist, Ohio Valley General Hospital

“The patients have noticed the use of the 25 G. They appreciate the option
and the fact that we are getting blood with one stick now.”
–Terri Rogers, Laboratory Manager, Hematology-Oncology Associates of Central New York

Ordering information

<table>
<thead>
<tr>
<th>Cat no.</th>
<th>Description</th>
<th>Shelf pack/case</th>
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<tbody>
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<td>21 G x 0.75” needle with 12” tubing and luer adapter</td>
<td>50/200</td>
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<tr>
<td>367364</td>
<td>23 G x 0.75” needle with 12” tubing and luer adapter</td>
<td>50/200</td>
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<td>367363</td>
<td>25 G x 0.75” needle with 12” tubing and luer adapter</td>
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<td>364815</td>
<td>BD Vacutainer® One-Use Holder</td>
<td>250/1,000</td>
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For additional information, please contact your local BD sales consultant or BD Customer Service at 800.631.0174, or visit us at bd.com/Vacutainer/UltraTouch

References