

BD Quikheel™ Lancet

The Quikheel Advantage



Helping all people
live healthy lives

▶ The Evolution of Heel Sticks:

1991

Present

▶ NCCLS Guidelines



Procedures for the Collection of Diagnostic Blood Specimens by Skin Puncture*

- **Section 9.0** *Techniques for Puncturing the Skin*
- **Section 9.1** *Depth:* In small premature infants, the heel bone (calcaneus) may be no more than 2.4mm beneath the plantar heel skin surface and half this distance at the posterior curvature of the heel. Puncturing deeper than 2.4mm on the plantar surface of the heel of small infants may therefore risk bone damage.
- **Section 9.2** *Blood Vessel Location:* The major blood vessels of the skin are located at the dermal-subcutaneous junction, which in the newborn's heel is 0.35 to 1.6mm beneath the skin surface. Therefore, even in the smallest infant, a puncture 2.0 to 2.4mm deep on the plantar surface of the heel will penetrate the major skin vasculature and not risk puncture of the bone.

*NCCLS Document H4-A3, Vol.II No. II, July 1991

▶ The BD Solution:

BD Safety Flow™ Yellow Lancet



- Type of Device – Puncture Technology
- Depth – 2.2mm
- Width – 1.0mm
- Blood Volume – High
- Meets 1991 NCCLS Guidelines – **YES**

Procedures and Devices for the Collection of Diagnostic Blood Specimens by Skin Puncture; Approved Standard – Fourth Edition*

- **Section 9.0** *Skin Puncture Techniques*
- **Section 9.1** *Depth:* In small or premature infants, the heel bone (calcaneus) may be no more than 2.0mm beneath the plantar heel-skin surface and no more than half this distance at the posterior curvature of the heel. Puncturing deeper than 2.0mm on the plantar surface of the heel of small infants may therefore risk bone damage.
- **Section 9.2** *Blood Vessel Location:* The major blood vessels of the skin are located at the dermal-subcutaneous junction, which in the newborn's heel is 0.35 to 1.6mm beneath the skin surface. Therefore, even in the smallest infant, a puncture 2.0mm deep on the plantar surface of the heel will penetrate the major skin vasculature and not risk puncture of the bone.

*NCCLS Document H4-A4, Vol.19 No.16, September 1999

BD Quikheel™ Lancet



- Type of Device – Incision Technology
- Depth – 1.0 mm
- Width – 2.5 mm
- Blood Volume – High
- Meets Fed OSHA Standards – **YES**
- Meets 1999 NCCLS Guidelines – **YES**

BD Quikheel™ Lancet

Ease of Use

- Tapered Contact Surface provides better visibility of site location
- Finger Contoured Design provides a steady and stable grip
- Color Coded for easy selection
- Instant Trigger Action eliminates the need for safety tabs to prevent blade release

Patient Comfort and Safety

- Extra Thin Surgical Steel Blade provides the finest, cleanest surgical incision
- Permanently Retractable Blade minimizes possible injury or reuse
- Consistent Depth and Width of Incision provides desired blood flow

Instructions for Use



Select the site and cleanse thoroughly.



With a gloved hand, place the BD Quikheel™ Lancet against the site with the BD Quikheel™ logo facing you. Place the blade slot area securely against the heel at a 90 degree angle to the length of the foot.



Using your index finger, firmly and completely depress the trigger.



After triggering, remove the lancet and discard lancet into a biohazard sharps container.



Collect the specimen.



Description	Purpose	Depth	Width	Packaging
BD Quikheel™ Preemie Lancet Reference# 368100	PKU Card Filling BD Microtainer™ Tubes	0.85mm	1.75mm	50/box, 200/case



BD Quikheel™ Infant Lancet Reference# 368101	PKU Card Filling BD Microtainer™ Tubes	1.0mm	2.50mm	50/box, 200/case
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***Ask your BD representative about the BD Genie™ Purple Lancet (Reference# 366579) for those tests on infant heels that only require one drop of blood.**

BD Vacutainer Technical Services: **1.888.631.0174**
BD Customer Service: **1.888.237.2762**



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