



Newborn sweeping action heel lancet



Premie lime
For babies weighing less than 1,800 - 2,000 gm (4-5 lb)



Full-term mango
For babies weighing more than 1,800 - 2,000 gm (4-5 lb)

NeatNick – high-speed, low-cost heel lancet

- Controlled depth and greater surface area across the capillary bed, enhancing blood flow and volume
- Smooth firing – does not “jump”
- Bright tropical colors make it easy to find
- Reduces newborn screening reject rates and reduces hemolyzed samples
(Independent studies May 2009, on file.)

What people are saying about NeatNick

“Really liked the curve fit ... did not feel need to press to prevent ‘jump.’ Loved it!”

“Baby did not wake up – plenty of blood for labs.”

“Great blood flow! Effortless – infant didn’t cry.”

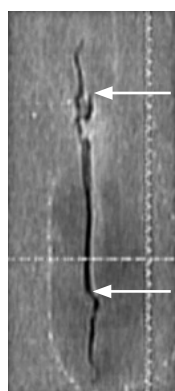
“Our PKU recollection rate dropped significantly.”

“Clean cut – no flap.”

Written comments received at clinical trials.

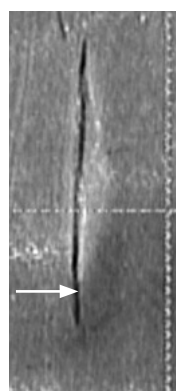
Engineered for accuracy and precision

NeatNick's automated sweeping blade achieves a controlled depth of incision that is significantly safer than what medical literature has designated as acceptable depths of puncture for preterm and term infants.^{1,3} Its controlled depth level is designed to minimize infant pain through a high-speed nick and greater precision.



Jagged edged incisions are more painful and take longer to heal.

Incisions are enlarged to approximately 20 times actual size.



Precision, high-speed blade creates a clean-edged incision.

NeatNick – fast blade incision action

NeatNick's fast blade speed produces a virtually instantaneous incision meaning less pain for the baby. The high-precision surgical blade produces an accurate, clean-edged incision through the capillary bed, at a depth level comparable to other sweeping lancets.

Ordering Information

NeatNicks are available in two colors and sizes: Green/Preemie and Orange/Full-Term.

NeatNick Sweeping Action Heel Lancet

Item	Quantity	Part#
For babies weighing less than 1,800 - 2,000 gm Preemie size: Lime green	100/box	1030083
For babies weighing more than 1,800 - 2,000 gm Full-term size: Mango orange	100/box	1030085

Product Specifications

NeatNick is a sterile, single-use disposable "sharp" used to puncture an infant's heel for collecting a blood sample. **NeatNick Heel Lancets are DEHP-free, BPA-free, and are not made with natural rubber latex.** See instructions for use.

Full-term size	Length 2.5 - 3.0 mm	Depth 1.0 - 1.25 mm
Preemie size	Length 1.75 - 2.25 mm	Depth .85 - 1.0 mm

**For a product trial or questions
call 1-800-356-0007**
(toll-free in US/Canada)

References

- 1 Blumenfeld, et al. 1979. Recommended site and depth of newborn heel skin punctures based on anatomical measurement and histopathology. *Lancet* 1;230-233.
- 2 Jain, et al. 1999. Ultrasound study of heel to calcaneum depth in neonates. *Arch Dis Child Fetal Neonatal Ed.* May, 80(3):F243-5.
- 3 Reiner, et al. 1990. Optimal sites and depths for skin puncture of infants and children as assessed from anatomical measurements. *Clin Chem.* Mar, 36(3):547-9.
- 4 The impact of automatic devices for capillary blood collection on efficiency and pain response in newborns: A randomized controlled trial. Sorrentino G., Fumagalli M., Milani S., Cortinovis I., Zorz A., Cavallaro G., Mosca F., Plevani L. *International Journal of Nursing Studies* 2017 72 (24-29).

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