

Q Why is a sweeping blade better than a penetrating lancet?

Clinical studies have shown that an incision produced by a sweeping blade:

- Will produce a better blood flow without repeat sticks
- Closes up more quickly than a penetrating wound
- Produces a cleaner blood specimen with less cellular debris
- Are safer and do not damage underlying bone or connective tissue

Q The incision length of the NeatNick Premie sometimes looks longer than the Tenderfoot Premie. Why is this?

NeatNick Premie does produce a slightly longer incision (but at the same controlled depth) in order to obtain sufficient blood without painful and damaging squeezing and without re-sticks. In addition, excessive pressure when firing NeatNick will produce a longer incision. Use less pressure than you are used to when holding NeatNick against the baby's heel.

Q Can the NeatNick be re-used?

No, NeatNick is a single-use, disposable, sterile device.

Q Once the NeatNick is fired, am I protected from the blade?

Yes. The blade retracts inside the body and remains locked inside after use.

Q Is NeatNick considered a safety lancet as required by OSHA and NCCLS?

Yes. You cannot come in contact with a contaminated blade after use.

Q Is NeatNick sterile?

The blade is sterile and protected by the removable blue tab. The outer plastic bag keeps the device clean and reduces the chances for cross contamination.

Q How do I dispose of the NeatNick?

The NeatNick should be disposed of in an approved sharps container in accordance with hospital policy.

Q Does the NeatNick meet OSHA and NCCLS Guidelines?

Yes. NeatNick meets OSHA standards for safety needles and lancets as well as the NCCLS (National Committee for Clinical Laboratory Standards) guidelines for premature and full term infant heel punctures (no deeper than 2.0mm) as specified in Section 9.0-9.2 of NCCLS Document H4-A-4, Vol. 19 No. 16 September 1999.



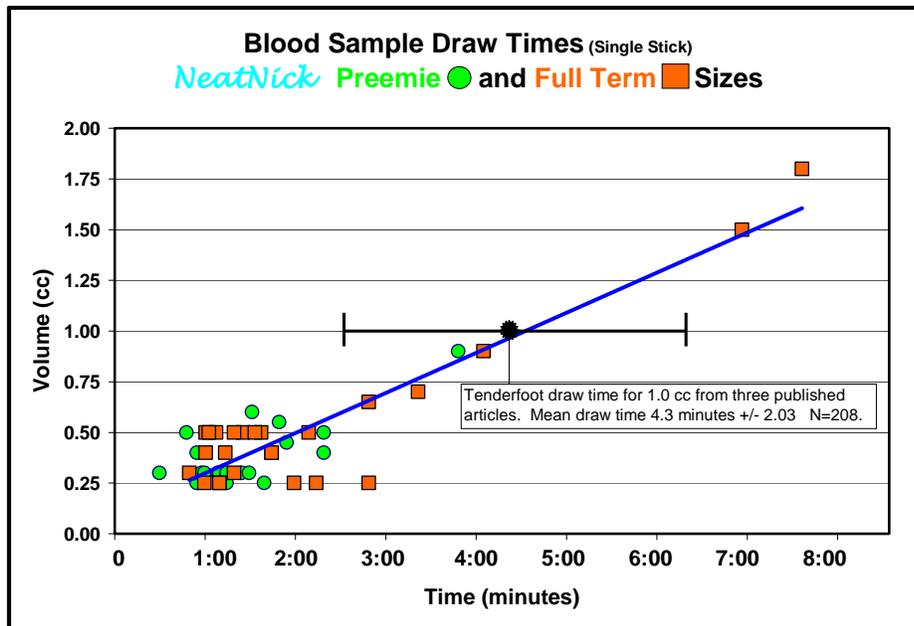
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Q How long does it take to draw a sample of blood with NeatNick?

We conducted time studies at four hospitals evaluating NeatNick. Below are the results from 44 procedures. Infants ranged in size from 550 grams to 3,900 grams. PKU tests were reported at 0.5 cc. The published draw time for Tenderfoot is shown for reference (1).



(1.) Tenderfoot blood sample draw times from three published articles were combined. The mean and standard deviation data are presented here.

- Burns ER Development and Evaluation of a New Instrument for Safe Heelstick Sampling of Neonates. Laboratory Medicine Vol. 20, No. 7 July 1989
- Janes M et al Comparison of Capillary Blood Sampling Using an Automated Incision Device with and Without Warming the Heel. Journal of Perinatology 2002 22:154-158
- Kellam B et al Tenderfoot Premie vs a Manual Lancet: A Clinical Evaluation. Neonatal Network Vol. 20, No. 7 October 2001

Q How does the thickness of the NeatNick blade compare to other units?

All sweeping blade lancets are very thin to minimize skin trauma. The following table lists the thickness of some common objects and sweeping blade lancets:

Object	Thickness (In thousandth of an inch)
Human Hair	0.003
Paper	0.005
Tenderfoot	0.006
NeatNick	0.007
Business Card	0.010
Quick Heel	0.015



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