



NEONATOLOGY
Accessories



neosafe

Blood sampling device
specifically designed for Newborns



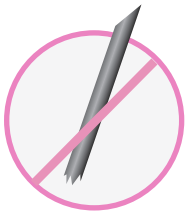
Value Life

neosafe: simple venipuncture

Why safe?

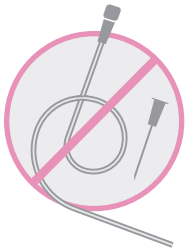
Comparison neosafe vs. other devices

(broken needle, venous cannula, butterfly...)⁽¹⁾



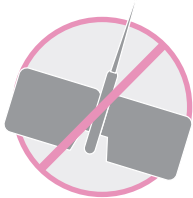
No modification needed

- No creation of an extra sharp end compared to a broken needle
- No tubing to cut



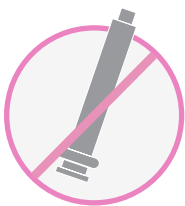
No tubing / No hub / No cannula

- Unimpeded blood flow
- No possible clotting in the hub
- Low dead space
- Only the necessary blood sample taken
- No possible kinking of the cannula



No double winged needle

- Less restriction to rotational movement
- Prevention of wing recoil



No use of syringe

- No potential collapsed vein



No heel prick

- Less painful^(2,3)
- Reduced risk of a haemolyzed or clotted sample⁽³⁾
- More effective⁽²⁾

World Health Organization Guidelines⁽⁴⁾

“ Venipuncture is the preferred method of blood sampling for neonates and causes less pain than heel pricks ”

neosafe, an effective blood sampling device specifically designed for Newborns

neosafe provides paediatric and neonatal units with the opportunity to **reduce the number of failed venipunctures** and the unnecessary scarring that results from repeated venipunctures.

Developed from an idea of Dr. Roy Philip, Consultant Neonatologist, University Hospital Limerick (Ireland)

Single wing

- Good handling
- Easy to identify in the cot
- Color-coded needle size
- Maximised needle stability (no wing recoil)



Sharp bevel

- Easy venous puncture
- Perfectly aligned with wing (bevel guide)



Efficient blood collection

- Unimpeded blood flow
- No extra sharp end
- Direct blood collection in container

● Safer for **baby**

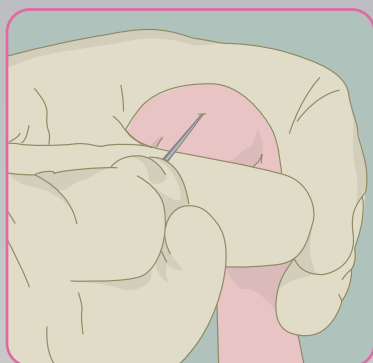
- Less painful than heel lance
- Reduces the risk of needle loss in the cot
- Increases the success of venipuncture
- Reduces the risk of transfixation due to wing recoil
- Promotes the good practices due to the use of unmodified product

● Safer for **user**

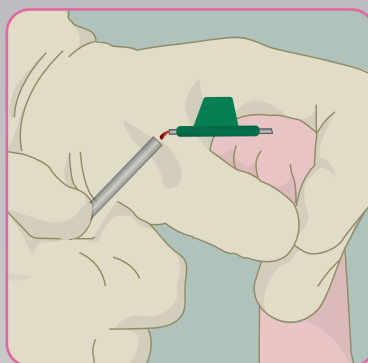
- Safer to hold and use than broken needles
- Avoids product modifications*, which standardizes the method of venipuncture
- Reduces the risk of needle loss in the cot

* (e.g. breaking needle hub or cutting the tubing of a Butterfly® scalp vein set)

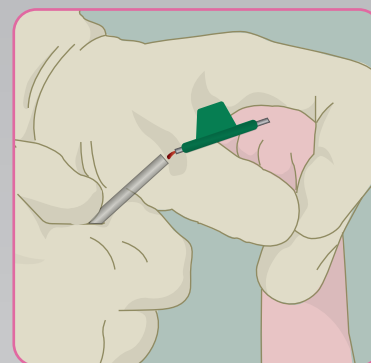
Instructions for use



- 1 Insert **neosafe** into the vein, using the wing as a guide to indicate the direction of the needle level.






- 2 On flashback, hold the infant's hand steady and orientate the collecting container below the proximal end of **neosafe** to collect the sample.



- 3 To encourage blood to flow, angle the proximal end of **neosafe** downwards. Avoid «milking» to collect the sample.

Ordering information

Code	Gauge	Wing's color	Length	Packaging
214.06	23 G		17 mm	50/box
214.07	22 G		22 mm	
214.08	21 G		22 mm	

References


- 1 Roy K Philip, Maire Beckett. Journal of neonatal nursing. Volume 6 Issue 3 2000. 2000
- 2 Ogawa S, Ogihara T, E Fujiwara. Archives of Disease in Childhood Fetal and Neonatal. 2005
- 3 Vibhuti S Shah, Arne Ohlsson. The Cochrane Library. Issue 10, 2011
- 4 WHO Guidelines on Drawing blood: best practices in phlebotomy. World Health Organization. 2010

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