

Clinical Guideline

INSERTION OF PERIPHERAL VENOUS CANNULA

SETTING	Women's and Children's Division / Neonatal Intensive Care Unit (NICU)
FOR STAFF	Medical staff, Advanced Neonatal nurse practitioners, nursing staff
PATIENTS	Newborn infants in St. Michael's Hospital

Guidance

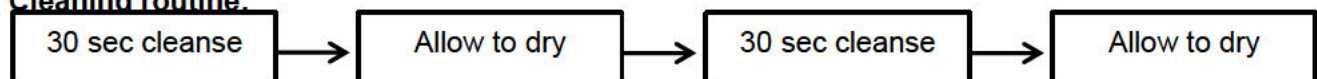
This procedure should be performed using Sterile Aseptic Non Touch Technique (ANTT).

Equipment:

- IV cannulas
- Short extension set
- 10ml syringe
- Sodium chloride 0.9%
- 24g needle
- [Appropriate Skin cleanser](#)
- Dressing pack
- Breathable clear dressing which incorporates sterile white tape strips
- Sterile gloves
- Plastic apron
- Splint

Procedure:

- Clean the skin with cleanser appropriate to gestational age according to manufacturer's instructions for use.

Cleaning routine:

- Care should be taken not to over-wet the skin of very preterm babies in view of the risk of alcohol burns.
- When cannula inserted, attach primed extension set and flush with 0.9% sodium chloride to check patency of cannula.
- Secure cannula using a breathable clear dressing. Use the white tape strips to secure the cannula to the skin first then cover with the dressing to allow clear visibility of the point of entry of cannula through the skin.
- Ensure extension set is secured to prevent the risk of 'pull' on the cannula e.g. within the straps of the splint.

RELATED DOCUMENTS	
AUTHORISING BODY	NICU Clinical Governance
SAFETY	The skin of the extreme preterm infant is very fragile. Ensure the correct cleaning solution is used.
QUERIES AND CONTACT	Contact NICU 'Ext [REDACTED] / [REDACTED]' to answer any queries.