

Section: Division of Nursing

Index: 6170.003a

* **PROCEDURE** *

Page: 1 of 1

Approval: _____

Issue Date: January 24, 1990

Revised Date: January 2010

HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: H. Gaffigan, RN

Revised by: D. Waegener, RNC

P. Swanson, RN, MSN

NEWBORN SERVICES

(Scope)

TITLE: MEDICATION ADMINISTRATION THROUGH A SALINE LOCK FOR A NEWBORN

PURPOSE: To outline procedure for IV medication administration through a saline lock or extension tubing for a newborn.

EQUIPMENT:

1. Alcohol swab
2. 2 syringes with 0.5cc sterile normal saline in each syringe.
3. IV tubing for pump
4. IV pumping device.
5. Medication to be administered. (Fax Physician order to pharmacy, remove from pyxis when profiled. Scan infant ID barcode and medication in C5 and document administration in electronic MAR.)

PROCEDURE:

1. Wash hands.
2. Identify patient per patient ID protocol (mom last name and Cerner band number for newborns).
3. Attach the IV tubing to the medication syringe and prime the tubing.
4. Wipe off the end of the PRN adapter or extension tubing with alcohol swab.
5. Insert one of the syringes with sterile saline into the PRN adapter or extension tubing.
6. Aspirate slightly for patency. **SHOULD BE A BLOOD RETURN.**
7. Inject sterile saline into PRN adapter or extension tubing. (If you meet resistance, stop injection and check site of insertion.)
8. Connect pump tubing to saline lock or extension tubing.
9. Administer medication via pumping device.

AFTER MEDICATION

IS COMPLETED:

1. Close clamp on IV tubing.
2. Remove IV tubing from PRN adapter.
3. Leave empty syringe attached to the IV tubing until time for next dose. This tubing should be changed every 24 hours.
4. Insert syringe with sterile saline into PRN adapter or extension tubing connector and inject saline.
5. Properly discard empty syringes.
6. Chart time of administration in electronic MAR.