

NICU: Ampicillin IV Direct (Push)**Related Documents and Resources:**

1. Ampicillin monograph in the [BC Children's and Women's Hospital Online Formulary](#)

Skill Level**Specialized:** RN NICU**PRACTICE GUIDELINE****Equipment & Supplies:**

Pre-filled 3 mL Normal Saline Syringe

Medication diluted to correct concentration

Alcohol swab

Procedure

Steps	Rationale
1. Perform hand hygiene	
2. Confirm correct infant using 2 unique identifiers	
3. Complete independent double check of medication with second RN	
4. Check IV site for patency and signs of infiltration or redness	
5. Ensure no air in Y-port	Prevent embolism
6. Clean Y-port with alcohol swab for at least 10 seconds and let air dry	
7. Unclamp Y port line	
8. Attach medication syringe and turn clockwise	
9. Administer medication slowly over 3 to 5 minutes	Maintain integrity of vein

NURSING PRACTICE STANDARD**B-00-12-10092 – NICU: Ampicillin**

10. Remove medication syringe and attach 3 mL pre-filled normal saline syringe	
11. Flush Y port with 1 mL of normal saline (Y-port priming volume = 0.4 mL)	Ensures medication reaches vein and clears port of medication
12. Remove and discard syringe	
13. Clamp Y-port line	
14. Check IV site for signs of infiltration or redness	

Documentation:

Document time medication administered on the MAR

References:

1. BC Women's and Children's Hospital. Neonatal Drug Dosage Guidelines, Ampicillin C & W Online Formulary accessed at: <http://www.pedmed.org/DrugApp/index.html>

Persons/Groups Consulted:

RN NICU

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