

Administration of Intravenous Piggyback Medication by Gravity Return Demonstration

Student Name: _____ Student Signature: _____

Evaluator Signature: 1st attempt _____ Date: _____ Satisfactory* Unsatisfactory^

Evaluator Signature: 2nd attempt _____ Date: _____ Satisfactory* Unsatisfactory^

Evaluator Signature: 3rd attempt _____ Date: _____ Satisfactory* Unsatisfactory^

**** Critical Behaviors that need to be stated or done in order to pass the skill.**

PERFORMANCE BEHAVIORS	S*	U^	COMMENTS
<u>Assessment</u>			
1. Avoid distractions			
2. Check patient's chart for <ul style="list-style-type: none"> a. Active physician's order b. ** Allergies, including sensitivity to latex and tape 			
3. Check Medication Administration Record (MAR) <ul style="list-style-type: none"> a. Patient name b. Drug name and dosage c. Time medication is scheduled d. Route of administration e. Volume and rate 			
4. ** Verify compatibility of IVBP with current IV solutions			
5. ** Verify IV access: assess site for patency, if tubing has a Y-port and note solution infusing			
<u>Planning</u>			
6. Identify expected outcomes: know actions, special nursing considerations, safe flow rate, ranges purpose of administration, and potential adverse effects of infusion therapy.			
7. Identify teaching that may need to be provided to the patient.			
8. Gather equipment <ul style="list-style-type: none"> a. EHR b. Secondary IV tubing c. IV tubing label (24 hours) d. Alcohol swabs e. Gloves f. Watch with second hand 			
<u>Implementation</u>			
9. ** Perform hand hygiene			
10. Prepare IV solution for only one patient at a time <ul style="list-style-type: none"> a. Read MAR and select correct IVPB medication b. **State the 6 rights of medication administration while comparing the medication to the MAR (First Check) c. Verbalize the solution is not expired d. Note the date and time solution was mixed e. Check for discoloration, cracks or leaks 			
11. ** Compare MAR to label on IV solution (Second Check) <ul style="list-style-type: none"> a. Verbalize the solution is not expired 			
12. ** Correctly calculate IVPB flow rate			
13. Before going to patient's room <ul style="list-style-type: none"> a. Open new piggyback tubing and close roller clamp b. Spike new bag of IVPB solution, maintaining sterile technique while stabilizing port c. Fill drip chamber halfway d. Prime tubing, purging air from within tubing e. Label tubing with date, time, and initials 			

PERFORMANCE BEHAVIORS	S*	U^	COMMENTS
14. Take the IVPB bag, tubing and other supplies to patient's room			
15. Upon entering room <ul style="list-style-type: none"> a. ** Perform hand hygiene b. Be aware of your spatial safety have call light within reach c. Identify self d. ** Identify patient using two patient identifiers while comparing MAR to patient ID band e. ** Ask patient if they have any allergies and check for allergy band f. Ensure privacy g. Explain what is about to occur and what medication will be administered h. Allow for patient questions i. Raise bed to comfortable working height j. Don gloves 			
16. Collect data <ul style="list-style-type: none"> a. Patient status, condition of existing IV site and dressing b. Reconfirm patency of IV site c. Verbalize symptoms that would indicate discontinuation of that site d. Scan patient wrist band e. Scan IVPB medication f. ** Compare IVPB solution to MAR (Third Check) g. Verbalize the solution is not expired 			
17. IVPB <ul style="list-style-type: none"> a. Close the primary tubing with roller clamp b. Lower the primary bag using provided hook c. Hang piggyback medication from pole, higher than the primary bag d. ** Confirm that the piggyback tubing is primed and the roller clamp is closed e. Clamp the old IVPB tubing and disconnect luer-lock at hub f. Assess new tubing for bubbles g. Swab the appropriate Y-port on the primary tubing above the roller clamp, then attach the secondary tubing h. Open the piggyback roller clamp wide open i. ** Manually adjust rate of flow according to calculated flow rate using the roller clamp on the PRIMARY IV tubing j. Carefully time drops per minute by watching the drip chamber of the SECONDARY IV tubing and a watch with a second hand 			
18. ** Correctly document medication in MAR			
19. Instruct patient to report any pain, redness, drainage, or swelling that may occur during infusion of the IV solution. 20. Dispose of used equipment.			
21. Before leaving room <ul style="list-style-type: none"> a. ** Reposition patient for comfort and safety b. ** Lower bed c. ** Raise appropriate side rails d. ** Leave call light and belongings in reach e. ** Perform hand hygiene 			
<u>Evaluation</u> 22. Verbalize need to return to patient's room to reassess the site, flow rate, and solution administered. 23. Verbalize need to follow-up on therapeutics of IV therapy in a timely manner.			

*S = Satisfactory, ^U = Unsatisfactory

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