

Student name.....

Teacher name.....

Date / / 2021-2022

PROCEDURE: Medication – Administrating medication by intravenous bolus

No.	Skill steps	Rational	D	M	A	S	I
			0	1	2	3	4
1.	Prepared procedure equipment: <ul style="list-style-type: none"> ✓ Medication chart ✓ Medication in vial or ampule ✓ IV fluid for dilution ✓ Syringes and needles ✓ Disinfecting solution or alcohol swab ✓ Normal Saline flush (10ml of Normal Saline in a syringe) ✓ Gauze or cannula dressin ✓ Tape ✓ on-sterile gloves ✓ watch with second-hand or digital readout ✓ Sharps box ✓ Hand rub gel ✓ Plastic tray 	Organizing skill equipment facilitate accurate skill performance					
2.	Check the prescribed order for client’s name, medication name, dose, route and time of administration.	Allows nurse to administer medication properly and to monitor client’s response					
3.	Check the label of drug for name and expiration date	It’s essential for safe and accurate IV and medication administration					
4.	Check the dosage and perform medication calculation if necessary	Double –checking may help reduce risk of error.					
5.	Prepare prescribed medication dose from ampule or vial	Ensure that medication is sterile. Preparation techniques differ for ampule and vial					
6.	Transport medications to client’s bedside carefully, and keep the medication in sight at all times	Careful handling and close observation prevent accidental or deliberate disarrangement of medications					
7.	Identify client: by reading identification band and asking name, compare with MAR , and any known allergies .	Ensures correct client receives ordered medication					
8.	Greet the client, introduce yourself and take permission.	To promote mutual respect and put client at ease.					
9.	Explain steps of procedure and tell client injection will cause a light burning or sting.	Provides rationale, increases knowledge and minimize client’s anxiety.					
10.	Close room curtain or door.	Provide privacy					
11.	Adjusted the height of the bed.	Minimizes discomfort and decreases back pain of healthcare providers.					
12.	Assisted patient to supine or sitting position						
13.	Wash hands thoroughly: apply disposable gloves.	Reduce transfer of microorganism					

14.	Assess IV insertion site for signs of infiltration or phlebitis	Confirming the placement of the IV catheter ,integrity of surrounding tissue ensures that the medication is administered safely					
15.	If medication is to be pushed in to IV line , assess the potency of the line (existing infusion)	The IV line must be patent for medication to reach venous circulation effectively					
	a. Select the injection port of IV tubing closest to client (circle on port may indicate site for needle insertion)	Allows to easier fluid aspiration to obtain blood return, injection ports are self-sealing and will not leak					
	b. Clean injection port with antiseptic swap. Allow to dry	Prevent introduction of microorganism during needle insertion					
	c. Connect syringe to IV line by inserting needle of syringe containing prepared drug through center of injection port	Prevent damage to ports diaphragm and subsequent leakage					
	d. Leave concurrent compatible infusion running and inject medication slowly over several minutes as per directions on medication package .Use watch to time administration.	Ensure safe medication infusion. Rapid injection of IV medication can prove fatal.					
	e. After injecting medication , withdraw syringe and recheck fluid infusion rate	Injection of bolus may alter rate of fluid infusion , and rapid fluid infusion can cause circulatory overload .					
16.	If medication is to be administrated by IV cannula (needleless), assess the potency of the cannula	The IV cannula must be patent for medication to reach venous circulation effectively					
	a. Flushed the IV cannula with half of the normal saline flush	Clear the reservoir of any blood					
	b. Connect syringe with the medication to the IV cannula and inject medication at recommended rate, slowly over several minutes as per directions on medication package .Use watch to time administration.	Rapid injection of IV drug can result in death					
	c. Flushed the cannula with other half of normal saline flush	To flush the medication from cannula					
17.	Do not recap the used needle. Discard the needle and syringe into sharps box container.	Prevents accidental needlestick injury					
18.	Restore client to a comfortable position	This provides for the well-being of the client					
19.	Clean work area and wash hand correctly	Hand washing prevents the spread of infection					
20.	Document the administration of the medication immediately after administration. Return equipment into the dedicated area.	Timely documentation helps to ensure client safety					