GGU Healthcare Solutions

IV GRAVITY INFUSION INSTRUCTION

1. **If medication is refrigerated**, take out at least one hour ahead of time to warm up **OR** take out

when previous dose is run if drug is stable. Larger bags need to be warmed for 3-4 hours. Cold

solutions can irritate your vein and cause discomfort.

2. **CHECK LABEL** for correct patient, dosage, and expiration date. Check bag for any cracks or leaks.

Notify pharmacy if any problems.

3. **WASH HANDS** with disinfectant soap for 30 seconds, dry hands and turn off faucet with paper

towels or clean cloth towel. Waterless cleanser with alcohol base can be used instead of water if

hands aren't visibly soiled.

ce:
(

Bag with Medication, hydration 2 Saline (Sodium Chloride) Syringes (White)

Alcohol Wipes 1 Heparin Syringe (Blue) (Yellow)

Alcohol Wipes 1 Heparin Syringe ___(Blue) ___(Yellow)
Tubing 1 Sterile end cap

5. **MIX MEDICATION if needed**. If medication vial is attached to bag, mix medication as directed by

Nurse. OR ADD TO BAG:

6. **ATTACH TUBING**. Hang bag on IV pole and pull off cover. Open tubing package and close roller

clamp or slide clamp. If using tubing with dial controller, turn the regulator to OPEN. Remove

cover from spike and insert into bag. Keep sterile - Do not touch ends!

7. **PRIME TUBING** Squeeze drip chamber to fill $\frac{1}{2}$ full. Open on tubing and let fluid flow through to

the end to remove air. Close clamp.

8. <u>S</u> aline - Flush catheter with ____ml Saline to check that the catheter is patent. First wipe

injection cap with alcohol wipe. Push syringe directly onto injection cap and screw on. Inject

Saline using push-pause flushing method.

REMEMBER: Injection cap keeps the end of the catheter closed so germs and air cannot enter. It must remain attached to patient!

infuses over m set dial to	tic (or fluids) - Attach tubing to in	jection cap and open clamp so solut roller, roller clamp should be wide o at aboutdrops per minute or	pen and
drops every 15 seco	nds.		
13 3000	Dial Controller Tubing: Calculati	ons based on 20 drops/ml:	
	100ml/hr = 33 drops/min	125 ml/hr = 42 drops/min	
	150ml/hr = 50 drops/min	200 ml/hr = 66 drops/min	
	250ml/hr = 84 drops/min		
11. Stop ir in drip chamb other hand.	per. Holding injection cap with one	aterless cleanser. is empty, but a small amount of flude e hand, disconnect tubing from pati atient. Cover end of tubing with ste	ent using

- 12. **S** aline Flush catheter with _____ml saline after wiping injection cap with alcohol.
- 13. <u>H</u> eparin Flush catheter with ____ml Heparin. Close clamp on extension tubing after removing syringe.
- 14. **Waste Disposal** Used bags, tubing, and syringes without needles or blood contamination may

be disposed of in household trash. Syringes with needles or blood should be placed in red sharps

container. When $\frac{3}{4}$ full sharps container should be sealed closed and placed in the household

trash.

Change Tubing Daily

TO CHANGE IV BAG ONLY WITHOUT CHANGING TUBING

- 1. Close clamp on tubing when bag is empty, but drip chamber still contains fluid.
- 2. Hang new bag and remove cover from tubing port. Take old bag off IV pole. Keeping sterile,

remove spike from old bag and insert into new bag. Hang new bag back on IV pole.

3. Empty any remaining fluid in sink or toilet if needed and discard old bag in trash.

Discontinuing Infusion TROUBLE SHOOTING

If medication won't run or is running too slowly:

- 1. Check that all clamps are open and that tubing isn't kinked or twisted.
- 2. Check the site for redness, tenderness, or swelling. Call SISU Healthcare Solutions if this occurs.

Peripheral IVs will need to be restarted.

- 3. Raise the pole height to increase drip rate.
- 4. Gently flush the catheter with saline. <u>Do not force!</u> Call SISU Healthcare Solutions if you are

unable to flush the catheter or if flushing seems to be very sluggish.

If you have pain in your arm or at the infusion site when you are receiving the medication:

- 1. Check IV site for redness or swelling. Call SISU Healthcare Solutions if this happens.
- 2. Check that medication is not going too fast and that it is not too cold.
- 3. Stop the infusion and talk to the SISU Healthcare Solutions Nurse or Pharmacist if the infusion is causing discomfort.

Call SISU Healthcare Solutions at _	 if you have any
questions or problems.	