

## INTRAVENOUS ADMINISTRATION VIA GRAVITY USING VIAL MATE

### **SUPPLIES:**

- IV Medication bag with medication vial attached
- IV tubing (**change every M-W-F**)
- (2) Sodium Chloride syringes
- (1) Heparin syringe (if required)
- Alcohol wipes
- (1) Light blue protective cap

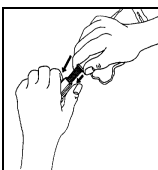
### **PROCEDURE:**

1. Gather equipment. Clean work area. Wash hands.
2. Prepare your flushes as instructed by your nurse.
3. Prepare medication as follows:

### **Activation:**



1. To mix, hold the white vial gripper firmly in one hand and the blue port adaptor in the other hand. Twist slightly to line up the ribs of the blue port adaptor and white vial gripper.

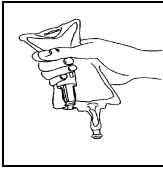


2. Push the blue port adaptor fully into the white gripper

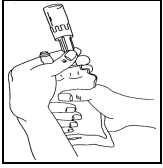
### **Reconstitution:**



1. Hold bag above vial. Gently squeeze the solution until the vial is about half full.



2. Fold vial up to rest against IV solution bag. While holding vial and bag together, shake to mix drug into solution.



3. Hold bag below the vial. Gently squeeze bag to force air to bubble up into the vial. Release IV solution bag to drain solution from the vial. Repeat until vial is empty. Make sure drug is completely mixed and the vial is empty.

### **After drug reconstitution is completed:**

1. Remove gravity tubing with in line filter from package. Close the roller clamp.
2. Remove protective tab from entry port to medication bag.
3. Remove cover from spike on tubing and inset spike into medication bag using a pushing-twisting motion. **DO NOT TOUCH SPIKE.**
4. Hang medication bag on IV pole. Squeeze drip chamber, filling chamber  $\frac{1}{2}$  full.
5. Prime entire length of the tubing by slowly opening the roller clamp. When a droplet of fluid is noted at the end of the tubing, close the roller clamp.
6. Clean the injection cap on the end of your catheter with an alcohol wipe vigorously for 15 seconds.
7. Flush your catheter with Sodium Chloride as instructed by your nurse.
8. Clean the injection cap on the end of your catheter with a new alcohol wipe vigorously for 15 seconds.
9. Attach the gravity tubing to the end of the injection cap.
10. Slowly open the roller clamp to begin the infusion. Adjust the clamp to the setting instructed by your nurse.
11. When the medication bag is empty, close the roller clamp and disconnect the tubing from the injection cap.
12. Keeping the end of the tubing sterile, place a Light blue protective cap on the end of the tubing.

**Note: You will reuse the same tubing for more than one infusion. The tubing is to be changed every Monday – Wednesday – Friday.**

13. Clean the injection cap on the end of your catheter vigorously for 15 seconds with alcohol.
14. Flush your catheter with Sodium Chloride as instructed by your nurse.
15. Clean the injection cap on the end of your catheter vigorously for 15 seconds with a new alcohol wipe.
16. Flush your catheter with Heparin if instructed to do so.

**SASH PROCEDURE:**

- S** Sodium Chloride \_\_\_\_\_mls.
- A** Administer medication over \_\_\_\_\_minutes (\_\_\_\_\_ drops per minute)
- S** Sodium Chloride \_\_\_\_\_mls.
- H** Heparin \_\_\_\_\_mls (if required)

CONVERSION TABLE ML/HR→DROPS/MINUTE (10 DROP PER ML TUBING)	
1	6
2	12
3	18
4	24
5	30
6	36
7	42
8	48
9	54
10	60
11	66
12	72
13	78
14	85
15	90
16	96
17	102
18	108
19	114
20	120
21	126
22	132
24	144
25	150
30	180
33	198
34	204
35	210
40	240
42	252