

Administration of Your I.V. Medications

Freedom60 Pump Method

For your medication to be most effective, it is important that you receive it at the prescribe times and rate. This information is written on your medication label, and your nurse will review this with you.

Keeping Your Catheter Open

When fluids are not being infused, blood can back up into your catheter and clot. This can block the passageway into your vein. To prevent clotting, the catheter is filled with a *heparin* solution. This procedure is called heparinization or the heparin flush. It is done after each medication dose and at least daily when you are not receiving medications.

REMEMBER “S-A-S-H”

“S - A - S - H” is a word to help you remember the four steps to giving your medication.

- *alcohol wipe* -

S= Saline Flush*

- *alcohol wipe* -

A = Administer Medication

- *alcohol wipe* -

S = Saline Flush*

- *alcohol wipe* -

H = **Heparin Flush**

- * Some catheters do not require heparin. In this case, the in S-A-S method will be used. Your nurse will tell you if you need to use a Heparin flush.

Administration of Your I.V. Medications (continued)

Here are the steps for giving your medication using the Freedom60 Pump Method.

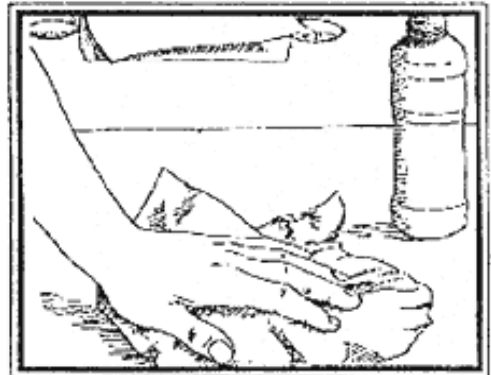
Equipment

- **I.V. medication syringe (AT ROOM TEMPERATURE)**
- **Freedom60 administration tubing**
- **alcohol wipes**
- **2 saline flushes**
- **1 heparin flush**
- **1 protective cap**
- **waste container**
- **Freedom60 Pump**

Procedure

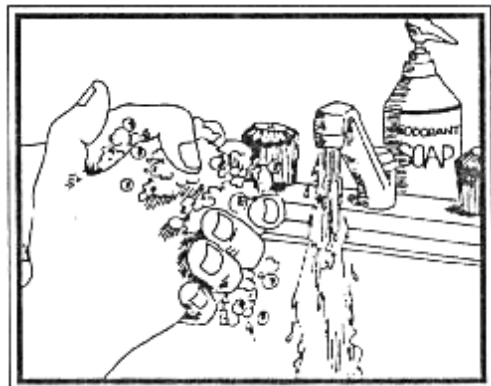
1. To prepare for your infusion:

- Gather your equipment.
Make sure the information on the medication label is correct for you.



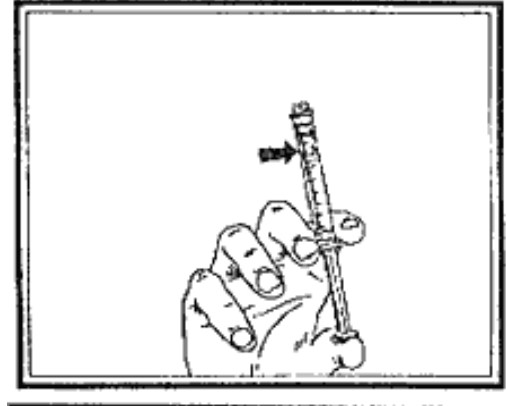
- Clean your work area.

- Wash your hands thoroughly.



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2. Prepare your saline and heparin flushes.

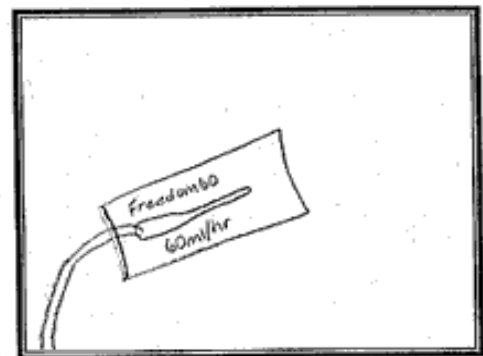


3. Check your I.V. catheter exit site for redness, swelling, drainage, or tenderness. Refer to the I.V. Catheter Troubleshooting section if you note any of these symptoms.

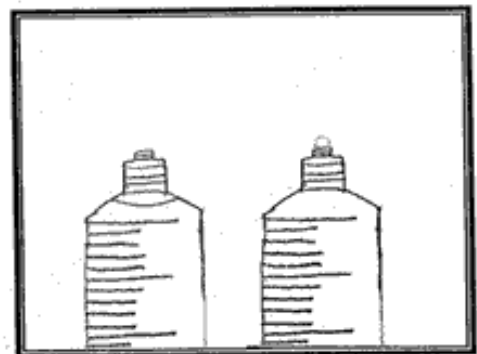
4. Prepare the IV tubing, medication syringe and pump:

- Remove the administration tubing from the package and verify the tubing flow rate matches your prescription.

To check the tubing flow rate, check the Package label and the imprinted tubing clamp.



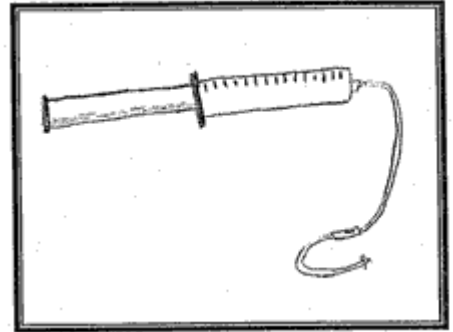
- Remove/purge the medication syringe of air by holding the syringe straight up until the air moves to the top of the syringe. Gently push the syringe plunger to “push” the air from the syringe. A small amount of medication may be expelled as well.



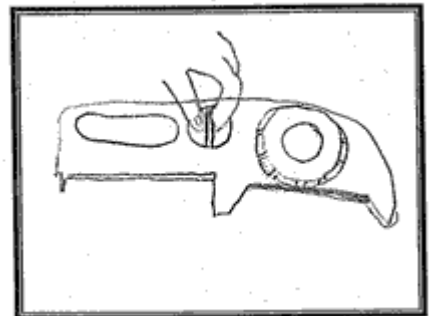
Administration of Your IV Medications (continued)

- Remove the protective cover from the administration tubing and connect to the syringe using a twisting motion.

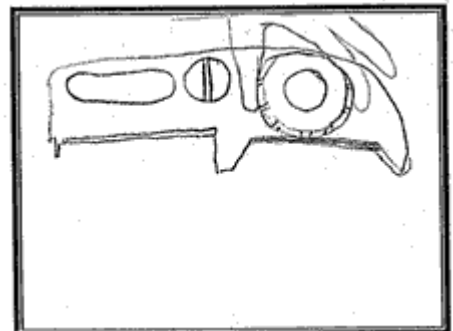
***The syringe tip is STERILE.
It CAN NOT touch any non-sterile surface,
including your work area and your hands.***



5. Ensure pump is in “OFF” position

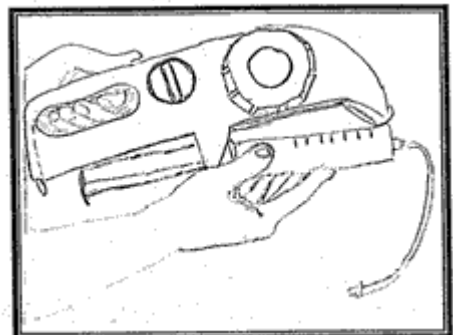


6. Wind the pump



7. Load the syringe in the pump

- Insert the syringe – (plunger end first) with the attached Freedom60 tubing into the clear plastic tube on the pump. Be sure the blue tubing disc is placed securely within the nose-end of the pump.



Administration of Your IV Medications (continued)

8. To prepare the tubing:

- Loosen the protective cap on the end of the tubing. Do not remove.
- Turn the pump **ON**
- Allow medication to fill the tubing. This is called **priming**.

A little of the medication solution may spill onto your work area. With practice, you will find that you spill very little solution.

When the administration tubing is filled, tighten the protective cap and turn the pump **OFF**.

9. To flush your catheter with **saline**:

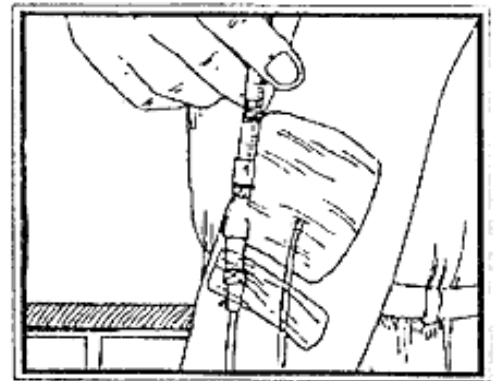
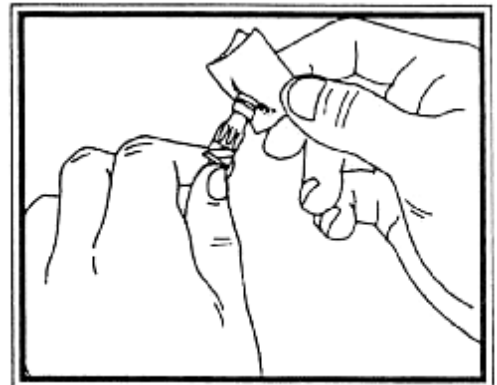
- Clean the injection cap with an alcohol wipe, using friction.

If there is a clamp on your I.V. catheter, open it now.

- Pull firmly to remove the cover from the **saline** flush.
- Insert the syringe directly into the injection cap.

Slowly inject saline in to your catheter.

(This is the “**S**” in **S-A-S-H**)



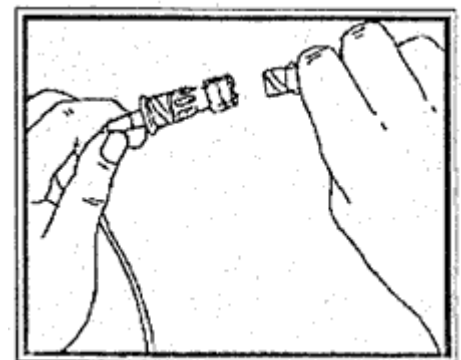
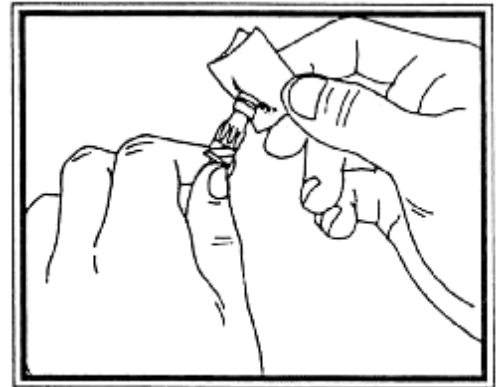
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If you feel any resistance, do not use force.
Refer to the I.V. Catheter Troubleshooting section.

When the flush is complete, remove the syringe from the injection cap, and dispose of it as your nurse instructed.

10. To start your medication infusion:

- Clean the injection cap with a new alcohol wipe using friction.
- Pull firmly and twist to remove the protective cover from the end of the administration tubing.
- Insert the tubing straight into the injection cap, using a slight twisting motion.



Turn the pump ON

Remember to relax during the administration of your medication.

(This is the “A” in S-A-S-H)

Administration of Your I.V. Medications (continued)

11. To complete your medication infusion:

- When the medication syringe is empty, turn the pump **OFF**. Remove the tubing from the injection cap and place a new sterile protective cap on the end of the tubing.
- Rewind the pump
- Remove the empty syringe from the pump and store for next use.

Note:

- If you will receive another dose within the next 24 hours, allow the tubing to remain attached to the empty syringe. At your next dose, remove the tubing from the empty syringe and connect it to the new medication syringe.

- If the tubing is due to be changed with your next dose, discard the tubing and empty medication syringe into your waste container.

To flush your catheter with saline:

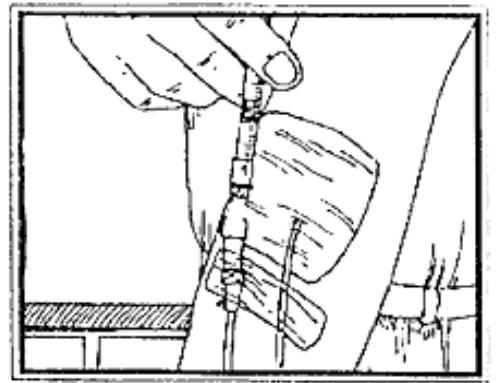
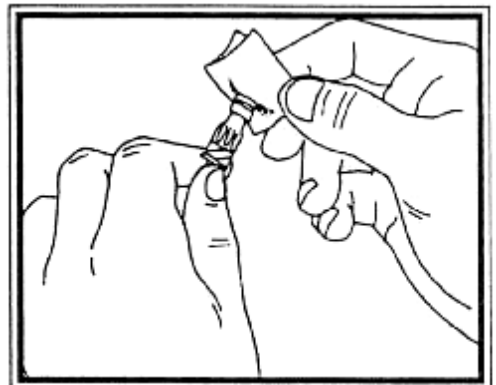
- Clean the injection cap with an alcohol wipe.
- Pull firmly to remove the syringe cover from the saline flush.
- Insert the syringe into your injection cap.
- Slowly inject all of the saline solution.

(This is the “**S**” in S- A - S - H)

To flush your catheter with heparin:

- Clean the injection cap again with an alcohol wipe.
- Pull firmly to remove the syringe cover from the heparin flush.
- Insert the syringe into your injection cap and slowly inject the heparin solution.

(This is the “**H**” in S-A-S-**H**)



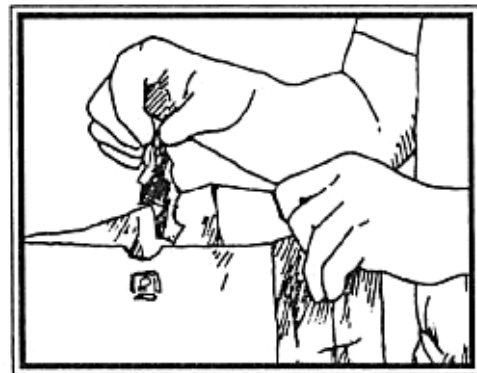
Administration of Your I.V. Medications (continued)

REMEMBER:

1. Do not leave the empty syringe in the pump until your next dose.
2. Put on a new sterile protective cap immediately after each dose.
3. Change your tubing as instructed by your nurse.
4. Wind the pump prior to your next infusion.

12. Your final steps:

Discard used supplies into your waste container.



- Wash your hands thoroughly.

