

INSTRUCTIONAL CHECKLIST:



Bedside Mix – Eclipse Ball Pre-Infusion Preparation

https://www.youtube.com/watch?v=rJl8xurPJdl&feature=emb_logo

For additional education please contact your agency for assistance

Four Steps for Performing Infusions:

- 1 Practice good hand-washing
- 2 Prepare supplies
- 3 Draw up the medication
- 4 Inject the medication into the device

Medication(s) to infuse:

Home Infusion Nurse (name, #):

Home Infusion Pharmacist (name, #):

Practice good hand-washing

Always wash hands when instructed

Soap and water preferred

Hand sanitizer (optional)

Wash for a full 20 seconds or rub until dry

STEP 1: PRACTICE GOOD HAND-WASHING

- Always remember to **WASH YOUR HANDS** for a full 20 seconds.
 - ❖ Soap and water is always preferred. If soap and water are not available, hand sanitizer is acceptable.
 - ❖ Make it a habit to wet your hands, apply soap, and lather for 20 seconds (hum the Happy Birthday song twice).
 - ❖ If using hand sanitizer, rub a dime-sized amount between your hands until dry. Never wave or blow on your hands to speed up drying.
 - ❖ Remember, if you are using gloves, you must still wash your hands.
 - ❖ Washing your hands helps reduce your chance of infection.

Prepare supplies

Note infusion start time

WASH HANDS

Clean workspace

Gather vials and check medication

WASH HANDS

Gather remaining supplies

STEP 2: PREPARE SUPPLIES

- Note the time to start the infusion: _____ AM PM
- WASH YOUR HANDS.**
 - ❖ Soap and water are preferred, hand sanitizer optional if soap and water are not available.
 - ❖ Wash for 20 seconds (hum the Happy Birthday song twice) or rub with hand sanitizer until your hands are dry.
- Clean your workspace with cleaning solution (alcohol/sanitizing wipes or Lysol + paper towels).

- ❖ Select a dry, hard work surface to set up your medication and supplies.

Gather the vials of medication and mixing fluid and place them in your work area. You will need your orders as well.

Double-check your medication to confirm the following information before the infusion:

- ❖ Medication has my name and date of birth.
- ❖ Medication name is correct.
- ❖ Medication dose is correct.
- ❖ Medication is not expired.

If any of this information is incorrect, stop and call your home infusion pharmacist immediately.

WASH YOUR HANDS.

- ❖ Soap and water are preferred, hand sanitizer optional if soap and water are not available.
- ❖ Wash for 20 seconds (hum the Happy Birthday song twice) or rub with hand sanitizer until your hands are dry.

Gather the following supplies and place on your workspace (these are for mixing your medications):

- ❖ 4—5 alcohol pads (to clean you're the vial tops)
- ❖ Syringe and Needle (to draw up diluent and mix medication, number needed depends on the mix)
- ❖ Sharps container
- ❖ Trash bag

Draw up the medication

WASH HANDS

Prepare vials

Prepare syringe and needle

Withdraw diluent

Mix medication

Withdraw final medication

STEP 3: DRAW UP THE MEDICATION

WASH YOUR HANDS.

- ❖ Soap and water are preferred, hand sanitizer optional if soap and water are not available.
- ❖ Wash for 20 seconds (hum the Happy Birthday song twice) or rub with hand sanitizer until your hands are dry.

Remove the caps from each vial of medication and mixing fluid. Remember the number of vials and mixing fluid needed will be dependent upon the dose of infusion and dose in each vial. I will need _____ vials of medication and _____ vials of mixing fluid. Wipe the top of each vial with 1 alcohol pad per vial.

Prepare your syringe and needle.

- ❖ Open the package and remove the syringe and needle.
- ❖ If the needle is not attached to the syringe, attach the needle to the syringe by screwing the needle to the end of the syringe careful not to touch the tip of the syringe or bottom of the needle.
- ❖ Pull back on the plunger of the syringe filling it with air to the volume of diluent you intend to withdraw.

Withdraw mixing fluid.

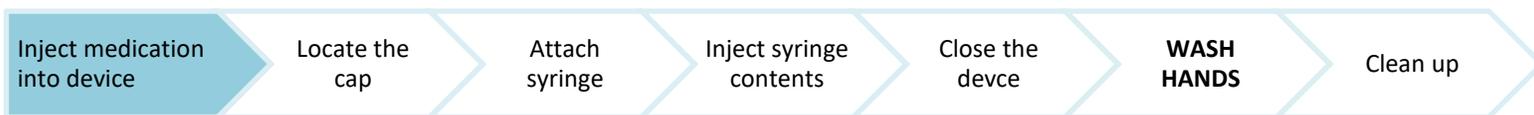
- ❖ Remove the plastic cover over the needle and place on the work area within reach.
- ❖ Insert the needle into the top of the mix vial.
- ❖ Pick up the bottle of mixing fluid with one hand while holding the syringe in place with the other and invert the vial upside down.

- ❖ Slowly inject air into the vial with slight pressure and allow the pressure in the vial to push fluid back into the syringe as the plunger retracts. Remember to keep the tip of the needle submerged in the diluent.
- ❖ Continue to draw up mixing fluid until all the fluid is withdrawn into the syringe. Remove the syringe from the mix vial and set vial aside.

Mix the medication by Inserting the needle into the medication vial and slowly injecting the diluent into the medication vial. Leave the needle in the vial while you gently swirl the vial. Do not aggressively shake the vial.

Withdraw medication.

- ❖ When you are certain all the powder medication within the vial has dissolved, invert the vial of medication.
- ❖ Pull back on the syringe to withdraw the required volume of medication. You may need to adjust the needle's location within the vial to withdraw all of the medication included.
- ❖ Once you have withdrawn all the medication, remove the syringe from the vial.
- ❖ Carefully unscrew the needle from the syringe and place in a sharps container. Sit the syringe aside careful not to contaminate the end of the syringe.



STEP 4: INJECT MEDICATION INTO THE DEVICE

Locate the cap.

- ❖ Open an alcohol pad and place the pad on your workspace.
- ❖ Locate the white cap on the top of the eclipse device.
- ❖ Remove the cap and place it on the alcohol pad.

Attach the syringe to the top of the eclipse device by screwing the syringe onto the eclipse. Slowly inject the syringe contents into the eclipse device.

Remove the syringe from the eclipse by unscrewing it and setting it aside. Replace the white cap on the eclipse device.

Discard all used supplies and trash in the garbage.

WASH YOUR HANDS.

- ❖ Soap and water are preferred, hand sanitizer optional if soap and water are not available.
- ❖ Wash for 20 seconds (hum the Happy Birthday song twice) or rub with hand sanitizer until your hands are dry.

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