

The subcutaneous infusion set can be used to give medicine under the skin with the use of an infusion pump.

The subcutaneous part of the skin is the area where fat is located just below the surface of the skin. These areas can include the abdomen, thigh, upper arm, buttocks, and back flank. Once the infusion set is placed under the skin, a small tube remains in place to give the medicine. The infusion set must be replaced every 7 days or sooner if the skin is red, irritated, hurts, or if the set is no longer attached.

It is important to rotate infusion set sites for comfort and absorption of the medicine. Place the infusion set two inches from the “belly button” and at least one inch from a previously used area on the skin. Avoid placing the infusion set needle in a mole, scar, or any irritated skin.

Follow these instructions to prepare the infusion set:

1. Clean your work surface using soap and water or a disinfecting wipe.
2. Wash your hands well for 20 seconds using a liquid soap. Be sure to wash all parts of your hands including the top and bottom, between fingers, and under fingernails. Use a paper towel to dry your hands. Use an alcohol-based hand sanitizer if no soap and water are available.

3. Supplies needed:

- Medicine

Check the medicine label to make sure the following are correct:

- ✓ Patient name and date of birth
- ✓ Medicine name
- ✓ Medicine dose
- ✓ Number of times the medicine is given daily

Look at the medicine and make sure it hasn't changed color or has any particles floating in it. If you see this, do not use the medicine and call Home+ Home Infusion.

- Pump case
- Subcutaneous infusion set
- Extension tubing
- Alcohol wipe(s)
- Protective barrier wipe
- Clear transparent dressing
- Gloves
- Sharps container

4. After gathering the supplies, wash your hands and put on gloves.
5. Open the infusion set and extension tubing packages. Remove any paper tabs and unwind the tubing.
6. Remove the blue cap from the extension tubing and connect it to the short tubing on the medicine cassette turning it to the right (clockwise) until it is tight.

7. **Make sure the tubing is disconnected from the body before priming the tubing.**
8. Slightly loosen the cap on the opposite end of the tubing and leave attached to release air. Use the pump to prime the tubing with the medicine.
9. Press the “Stop priming” button on the pump when the tubing is filled with medicine. Do not select an answer.
10. Attach the infusion set to the primed extension tubing.
11. Hold the infusion set by placing your thumb and forefinger on the blue piece that connects to the infusion set tubing. With the blue cone facing down, hold it over a paper towel or the wrapper package so you will see when the tubing is primed (a drop will fall).
12. Press “Yes” on the pump to continue priming.
13. Press the “Stop priming” button on the pump when you see a drop of medicine fall from the cone. Look at the tubing to make sure all the tubing is primed. Answer, “No” or “Yes” to the question, “Continue priming?”
14. Cleanse the skin using an alcohol wipe. Let it dry. Apply the skin protective barrier wipe. Let it dry.
15. Turn the blue cone face up. Gently lift each of the paper tabs up to loosen. Gently peel the paper back on one side then the other. Peel back slowly to help prevent the sticky edges from curling.
16. Remove the blue cone by gently twisting it to the left. The needle will now be exposed.
17. Gently pinch the skin where you plan to attach the infusion set. Insert the needle and let go of the pinched skin. Smooth the edges of the round bandage onto the skin.
18. With the thumb and forefinger of one hand, gently hold the round clear plastic piece. With your opposite thumb and forefinger, remove the needle by pulling it straight up. Cover the needle by flipping the blue long plastic piece over the needle. Place it in the sharps container.
19. Secure the infusion set by placing a clear transparent dressing over the set and skin area.
20. Make sure all clamps are open. Start the pump.

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