

Subcutaneous Infusion Set CADD® Pump

The subcutaneous infusion set can be used to give medication 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 medication. Place the infusion set at least two inches away 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.

Warm your medication to room temperature before you give it. Refer to the medication label for instructions.

Follow these instructions to prepare the infusion set:

1. Prepare a clean work area. Wipe the surface with a disinfecting wipe or soapy water.
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 your hands are not visibly dirty.
3. Place a clean paper towel on your work area and gather your supplies:
4. Medication-Check the medication label to make sure the following are correct:
 - ✓ Patient name and date of birth
 - ✓ Medication name, dose, and expiration date

Hold the medication up to the light and make sure it has not changed color. Also make sure that it does not have any particles floating in it.

If you see a change in color or particles, do not use the medication and call Monument Health Home+ Home Infusion at 605-755-1150.

- Pump case
 - Subcutaneous infusion set
 - Extension tubing
 - Alcohol wipes
 - Protective barrier wipe
 - Clear dressing
 - Gloves (optional)
 - Sharps container
5. After gathering the supplies, wash your hands and dry them using a clean paper towel.

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6. Open the infusion set and extension tubing packages. Remove any paper tabs and unwind the tubing.
7. 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.
8. **Make sure the tubing is disconnected from the body before priming the tubing.**
9. Slightly loosen the cap on the opposite end of the tubing and leave attached to release air. Make sure all clamps are open. Use the pump to prime the tubing.
10. Press the “Stop priming” button on the pump when the tubing is filled with medication. When asked by the pump- “Continue priming?”-Do not select an answer.
11. Attach the infusion set to the primed extension tubing.
12. 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.
13. Press “Yes” on the pump to continue priming.
14. Press the “Stop priming” button on the pump when you see a drop of medication 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?”
15. Cleanse the skin using an alcohol wipe. Let dry. Apply the skin protective barrier wipe. Let dry.
16. 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.
17. Remove the blue cone by gently twisting it off. The needle will now be exposed.
18. Gently pinch the skin where you plan to attach the infusion set. Insert the needle and let go of the pinched skin. Smooth the sticky edges onto the skin.
19. 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 plastic piece over the needle. Place it in the sharp’s container.
20. Secure the infusion set by placing a clear dressing over the infusion set and skin area.
21. Start the pump.

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22. To remove the infusion set, stop the pump and close all clamps on the tubing.
23. Peel back adhesive and remove catheter from the skin.
24. Place the catheter and tubing in the household trash.
25. To insert a new infusion set, follow steps 11-21 in this handout.
26. Use new supplies.
27. Follow instructions in the “CADD®- Solis VIP Patient Information Guide” to prime the tubing without changing the cassette.

Monument Health Home+ Home Infusion
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