Changing the MiniMed® Pro-set™ Infusion Set: MiniMed® 530G Insulin Pump

**WARNING:**

If insulin, or any liquid, gets inside the tubing connector, it can temporarily block the vents that allow the pump to properly prime the infusion set. This may result in the delivery of too little or too much insulin, which can cause hyperglycemia or hypoglycemia. To prevent insulin from getting inside the tubing connector of the MiniMed® Pro-set™ infusion set, after you fill the reservoir make sure you hold the insulin vial upright when you remove the reservoir from the transfer guard. If you do not hold the insulin vial upright, insulin can get on the top of the reservoir and could transfer liquid into the tubing connector.

For more information please see “Tubing Connector,” in the MiniMed 530G System User Guide introduction chapter.

**PART 1: REWIND THE PISTON IN THE PUMP**

1) Wash your hands. Remove the old infusion set from your body and the reservoir from the pump.

2) Press **ACT** for the MAIN MENU, and select Reservoir + Set then select Reservoir Setup to open the REWIND screen. Press **ACT** to rewind. Stop at the REWIND COMPLETE screen.

**PART 2: FILL THE RESERVOIR**

1) Remove the reservoir from the package.

2) Pull the plunger down to fill the reservoir with air.

3) Wipe the top of the insulin vial with alcohol. Hold the blue transfer guard and press it down onto the insulin vial.

4) Push down on the plunger to push air from the reservoir into the vial. Continue to hold the plunger down.

5) Flip the vial over so it is now on top. Slowly pull the plunger down to fill the reservoir.

6) Check the reservoir for air bubbles. Tap the side of the reservoir to force any bubbles to rise to the top. Gently push up on the plunger to move the air bubbles from the reservoir into the insulin vial.

7) After the air bubbles are removed, slowly pull the plunger down to fill the reservoir with enough insulin to last 2-3 days.

8) To avoid getting insulin on the top of the reservoir, flip the vial over, so the vial is upright. Hold the transfer guard, and turn the reservoir counter-clockwise. Pull the reservoir straight up to disconnect it from the transfer guard. Discard the transfer guard into a sharps container.
PART 3: CONNECT RESERVOIR TO TUBING

1) Remove the MiniMed Pro-set infusion set and tubing from the package and unwind tubing.

2) Make sure the top of the reservoir is dry. Gently push the tubing connector onto the top of the reservoir and turn it clockwise until it slides and locks into place.

NOTE: If insulin or any other liquid has gotten on the top of the reservoir or inside the tubing connector, discard both and start over with a new reservoir and infusion set.

3) Tap the side of the reservoir to force any remaining bubbles to rise to the top. Gently push up on the plunger until the bubbles are out and you see small amount of insulin in the tubing.

4) Turn the plunger counter clockwise to unscrew it from the reservoir. Be careful not to pull the plunger before it is disconnected, or insulin will spill out.

PART 4: FILL THE TUBING

1) Press so that REWIND COMPLETE appears. Insert the newly filled reservoir into the reservoir compartment.

2) Turn the tubing connector clockwise until it locks into place.

3) Press to go to the FILL TUBING screen. Be sure the infusion set is NOT connected to your body. Then select YES and press .

IMPORTANT:

Never fill tubing while you are connected to the pump.

4) Press and hold to fill the tubing. The pump will beep as the tubing fills. Release when you see drops at the end of the site connector. Then press .

5) If you see drops at the end of site connector and there are no air bubbles in the tubing, select YES and press .

6) When the FILL CANNULA screen appears, you are ready to insert the infusion set.
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PART 5: LOAD THE INFUSION SET INTO THE INSERTION DEVICE

1) Place the MiniMed Quick-serter insertion device onto a sturdy flat surface with green handle facing down. Insert the side of the orange needle housing of the infusion set into the insertion device.

2) Use two fingers to seat the infusion set inside the insertion device securely and gently push down on the white area only. Do not use the needle guard to secure the infusion set.

3) Peel the paper from the adhesive in a clockwise direction around the needle guard.

4) Pick up insertion device and pull green handle down until it clicks. The two green side buttons will also click into place. Be careful not to press the green side buttons on either side of the serter.

PART 6: CHOOSE INSERTION SITE

The best areas of the body to insert the infusion set are shown in the shaded areas. Choose areas that are away from the natural bend of your waist or belt line of your pants. Avoid areas that feel hard or have scar tissue. Consult with your healthcare provider on appropriate areas to insert your infusion set.

PART 7: INSERT THE INFUSION SET

1) Clean the selected insertion site with alcohol or other antiseptic wipe. Allow area to dry.

2) Remove the needle guard by squeezing the orange wings and pulling straight up and away from infusion set. Do not touch or bend the needle.

3) Hold the insertion device against the prepared site on your body.

4) Press the two green side buttons at the same time. If they are not pressed at the same time the infusion set will not insert properly.

5) Press down the release button on top of the insertion device to release the infusion set. You may feel the serter lift away from your body as you push down on the release button. This is normal.

6) Pull serter away from your body and press the adhesive securely against your skin.

7) With one hand, place your fingers on the white tape. With the other hand, pull the orange needle housing straight out to remove the insertion needle. The needle shield will automatically lock and cover the needle as you pull away. Dispose needle housing into a sharps container.

8) Smooth out the tape onto your skin. Attach tubing by snapping site connector onto the infusion set.
INSERT INFUSION SET BY HAND IF INSERTION DEVICE IS NOT AVAILABLE

1) Wash your hands. Clean the selected insertion site with alcohol or other antiseptic wipe. The area must be dry before you insert the infusion set.

2) Peel the paper from the adhesive in a clockwise direction around the needle guard.

3) Remove the needle guard by squeezing wings and pulling straight up and away from the infusion set. Do not touch or bend the needle.

4) Place the infusion set over the desired area for insertion. Insert the infusion set quickly at a 90 degree angle directly into the skin. Press the adhesive securely against your skin.

5) With one hand, place your fingers on the white tape. With the other hand, pull the orange needle housing straight out to remove the insertion needle. The needle shield will automatically lock and cover the needle as you pull away.

6) Discard the shielded needle in an appropriate sharps container. Smooth out the tape securely against your skin.

7) Attach tubing by snapping the site connector onto the infusion set.

PART 8: FILL THE CANNULA

1) Press \text{ACT} to FILL CANNULA. If the pump has returned to the Reservoir + Set menu screen, press \text{ACT} on FILL CANNULA.

2) Use \text{A} to enter 0.1 unit of insulin. Press \text{ACT}. The Filling Cannula screen will count up the units as they are delivered and will return to the home screen when completed.

NOTE: Fill Cannula is to fill the empty cannula after the insertion needle has been removed. The tubing is already filled.