

How to Mix GM-CSF (Leukine, Sargramostim)



Your child's dose is _____ mcg = _____ ml.

How do I store this medication before giving it to my child?

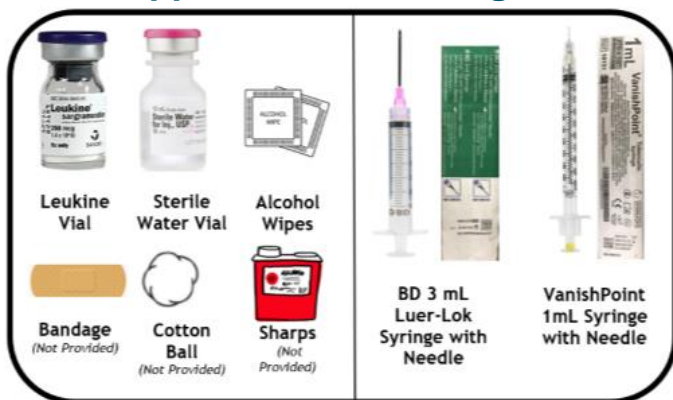
- Store the Leukine vials in a refrigerator.
- Do not freeze.
- Dispose of the Leukine vial after each use, even if there is medication remaining in the vial.
- Store the sterile water vials and syringes at room temperature.

What do I need to know while my child receives this medication?

GM-CSF (Leukine) comes in a powder form. You must mix it with sterile water before you can give the medication. Once the medication is mixed, you must then draw up the correct dose.

- Do not use if the solution is cloudy, leaking, or has particles.
- Do not use if the solution changes color.
- Do not vigorously shake the solution.
- Do not give into skin that is irritated, bruised, red, or infected.

What supplies do I need to give this medication?



How do I give this medication?

Before you begin:

1. Wash your hands with soap & water for 30 seconds, dry with a paper towel.
2. Gather your supplies & place them on a clean surface

Step 1: Prepare vials for mixing.

1. Take the cap off the Leukine vial. Do not remove the grey stopper.
2. Wipe the top of the vial with an alcohol wipe for 20 seconds and allow to dry for 10 seconds.
3. Repeat steps for the sterile water vial.

Step 2: Remove sterile water from vial.

1. Using the BD syringe, pull back the plunger to 1mL line.
2. Take the cap off the needle. DO NOT TOUCH THE NEEDLE.
3. Insert syringe with the needle into the sterile water vial.
4. Push the air into the vial. Keep your thumb on the end of the plunger. Turn the bottle upside down.
5. Keep the tip of the needle in the liquid and pull out 1 mL of sterile water.
6. Remove the needle from vial.

Step 3: Mix sterile water with Leukine.

1. Insert the BD syringe with needle into the Leukine vial.
2. Push the water into the vial.
3. Remove the needle from the Leukine vial and gently swirl the vial.

Step 4: Remove Leukine from the vial.

1. Insert the VanishPoint syringe with needle into the Leukine vial. Keep your thumb on the plunger.
2. Turn vial upside down, making sure tip of needle stays in the liquid.
3. Withdraw the ordered volume and remove the needle from vial.

Step 5: Prepare the injection site.

1. The injection site may be the thigh, abdomen, or outer-upper arm.
2. Wipe the injection site with an alcohol swab for 20 seconds and allow to dry for 10 seconds.

Step 6: Administer the Leukine

1. Hold VanishPoint needle like a pen with one hand.
2. Lightly pinch about 1 inch of the skin with your other hand.
3. Inject the medication at a 45° to 90° angle (ask the medical team) and push down on plunger.
4. Count to 10 and remove needle.
5. Apply a cotton ball and bandage if necessary, for slight bleeding.

Step 7: Discard all needles and vials in a Sharps container, even if medication remains in vial.