

# HUMATROPE<sup>®</sup>

## Somatropin (rDNA origin) for Injection

### INFORMATION FOR THE PATIENT

Do not mix (reconstitute) the drug or inject it until you have been thoroughly trained in the proper techniques by your doctor. Use sterile techniques as instructed by your doctor. Destroy and discard syringes and/or needles after each use.

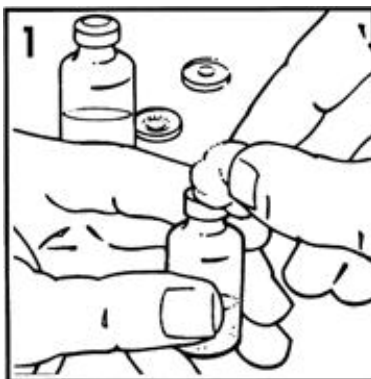
Humatrope should be kept refrigerated (36° to 46°F [2° to 8°C]) before and after reconstitution. Do not freeze. Reconstituted Humatrope should be used within 14 days.

### Reconstituting the Vial of Humatrope

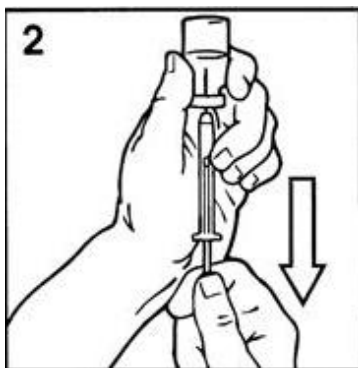
Reconstitute Humatrope *only* with Diluent for Humatrope. Do not use other solutions for reconstitution unless instructed to do so by your doctor. Your doctor will also tell you what size syringe and needle to use and how much diluent to add to the vial of Humatrope.

### Always start by washing your hands.

1. Remove and discard plastic caps from tops of vials of diluent and Humatrope. Wipe tops of both vials with an alcohol swab (Figure 1). Remove needle cover and save. Pull back on syringe plunger to draw up an amount of air equal to the amount of diluent your doctor has prescribed. Insert needle in stopper of diluent vial, and inject air into vial.

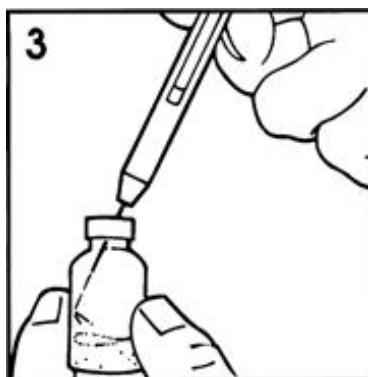


2. Hold vial upside down and, making sure needle tip remains in solution, withdraw the amount of diluent your doctor has prescribed (Figure 2). After making sure that no air bubbles are in the syringe, turn vial upright and, holding barrel, remove syringe.

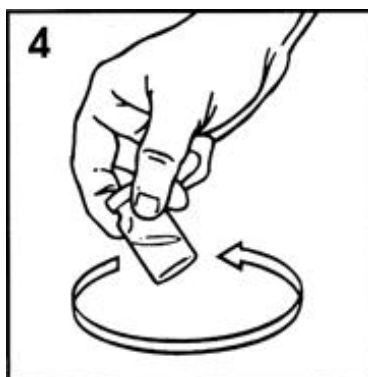


3. Insert same needle into vial of Humatrope and gently aim needle tip toward wall of vial. Slowly inject the diluent by aiming the stream of liquid against the wall of vial (Figure 3). *Do not aim it at the white*

*powder at the bottom of the vial.* To equalize the pressure, withdraw a volume of air equal to the amount of diluent added before removing the syringe from the vial. If the needle can be removed from the barrel of the syringe, remove, destroy, and discard the needle. If the needle and syringe are made as 1 unit, destroy and discard the entire unit.



4. Swirl the vial with a gentle rotary motion until contents are completely dissolved (Figure 4). *Do not shake.*



### Preparing the Injection

1. Do not use reconstituted Humatrope if it is cloudy or contains particles.
2. If the needle can be removed from the type of syringe you are using, a new needle should be placed on the syringe before the injection. If the syringe and needle are made as 1 unit, another unit should be used for the injection.
3. Before and after injection, the rubber stopper of the vial should be wiped with rubbing alcohol or an alcoholic antiseptic solution to prevent contamination of the contents by repeated needle insertions.
4. Remove the needle cover and draw an amount of air into the syringe equal to your dose of Humatrope.
5. Insert needle into vial of reconstituted Humatrope and inject the air into the vial. Turn the vial upside down, and, making sure needle tip is in solution, withdraw your correct dose (*see* Figure 2). Make sure that no air bubbles are in the syringe.
6. Remove syringe and replace needle cover. Write date of reconstitution on vial label, and discard unused diluent.
7. Return unused portion of reconstituted Humatrope to refrigerator and use within 14 days.
8. Destroy needle or the needle and syringe after use.

### Injecting Humatrope

1. Gently tap injection site several times with fingers.
2. Wipe the area thoroughly with an alcohol swab. Use a circular motion and work outward from the inside of the circle.

3. **Subcutaneous Injection:** With the thumb and forefinger, stabilize the skin by spreading or pinching up a large area of skin.
- Holding the syringe at a 90-degree angle to injection site, quickly insert the needle all the way into the skin.
  - Slowly inject the solution.
  - Remove the needle quickly, and apply pressure over the injection site with a dry gauze pad or cotton ball. Rub for several seconds.
  - Destroy needle or needle and syringe after use.
4. **Intramuscular Injection:** With the thumb and first 2 fingers, press the skin down firmly against a large muscle mass, such as the thigh.
- Holding the syringe at a 90-degree angle to injection site, quickly insert the needle all the way into the skin.
  - When the needle is in place, slowly pull back on the plunger. If blood enters the syringe, remove needle, discard syringe and drug, and prepare another injection.
  - If no blood enters the syringe, slowly inject the solution.
  - Remove the needle quickly, and apply pressure over the injection site with a dry gauze pad or cotton ball. Rub for several seconds.
  - Destroy needle or needle and syringe after use.

*If you have any questions, consult your doctor.*

Literature revised August 1, 2011

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