

hCG(Profasi or Pregnyl)

hCG (*Profasi or Pregnyl*) is the hormone produced by a developing fetus that can be measured to diagnose pregnancy. It may be given to trigger the release of the eggs from the follicles. hCG is administered by intramuscular injection, and is the last injection given prior to ovulation during a cycle stimulated by medication, or aspiration of the follicles during an ART (IVF, GIFT, ZIFT) cycle.

Patient Instructions:

1. Schedule an appointment with a member of the staff before you begin your treatment cycle to learn how to prepare and administer the hCG. The timing of the hCG injection is very important. Give the medication at the exact time you are instructed.
2. hCG comes in 5,000 and 10,000 unit vials. **Read the label carefully to make sure you are administering the correct dose of medication.**
3. Always wash your hands before preparing the medication. Hand washing is the single most important factor in the prevention of infection.
4. Open the vial of mixing solution and the vial containing hCG powder and wipe the tops with an alcohol pad.
5. Uncap the needle. Draw 1-2 cc of air into the syringe.
6. Invert the vial containing the mixing solution. Insert the needle through the top of the vial and inject the air. Do not remove the needle from the vial.
7. With the vial still inverted, see that the needle tip is in the liquid. Draw 1cc of the mixing solution into the syringe. The mixing solution remaining in the vial can be discarded.
8. Inject the mixing solution into the vial containing the hCG powder.
9. Gently roll the vial between your hands until the hCG is dissolved.
10. Invert the vial and draw all of the hCG solution into the syringe.
11. Withdraw the needle and pull the plunger back slightly.
12. Put the cap back on the needle and twist it off. Replace it with a clean needle.

13. Withdraw the needle and pull the plunger back slightly.
14. Put the cap back on the needle and twist it off. Replace it with a clean needle.
15. Point the needle up. Gently flick on the syringe to force any air bubbles to the top. Push the plunger up to the first line. A small amount of air will remain in the syringe.
16. If you touch (contaminate) the needle after the medication is in the syringe, put the cap back on the needle and twist it off. Replace it with a clean needle.
17. Lay the syringe on a clean flat surface.
18. Refer to **Intramuscular Injections**