



Folltropin (FollV; FSH) Preparation and Administration

1. FollV is the veterinary drug used to superovulate donor animals. This drug is manufactured and distributed in a lyophilized (powdered) form to maintain active ingredient stability and integrity. The vial of powder can be maintained at room temperature until use.
2. To activate the FollV, you will add **20mL** of sterile saline to the vial of powder. A small bottle of saline has been provided to you and contains 20mL. You will need to inject some saline into the vial and remove some air out of the powdered vial to prevent too much positive pressure from building. For instance, you can inject 5mL of sterile saline into the vial and then immediately remove 5mL of air from the vial. This will prevent pressure build up that could lead to some product escaping the needle puncture hole.
3. Once 20mL of sterile saline is added to the vial of powder, gently invert the bottle multiple times to ensure the powder goes into solution. Do not shake the bottle as this can cause the hormone to become inactivated prematurely. Once in solution, the FollV will need to be stored in the refrigerator. The hormone is very susceptible to heat and sunlight. You should have one syringe (3mL) per donor and syringes of FollV should be drawn up in a controlled environment. Once drawn up, the FollV should be administered in a timely fashion (within 15 minutes) and maintained at a consistent temperature (40-44°F) until use. The use of ice packs in a cooler should suffice for most circumstances.
4. FollV is to be administered **INTO THE MUSCLE ONLY**. A 20GA x 1” needle should be used to inject the FollV into the *back of the donor’s leg*. The needle should be buried into the muscle belly to the point of the hub before injection. This ideal shot location will maximize product absorption and efficacy. Switching legs will mitigate donor discomfort and improve process consistency. Needles should be changed after each injection. You may reuse the syringe as long as donor identification is permanently labeled on the syringe.
5. Once all FollV shots are given over the superovulation protocol, you may date the bottle and freeze any remaining FollV for later use. This should be done ASAP as FollV will not remain stable for prolonged periods in the refrigerator.