

How do I use the Bovine Injection Simulator for injections?

The following instructions are for general use only. For step-by-step instructions including restraining the animal, proper needle size, dosage size, vaccination guide lines, technique, sterilization, etc. please refer to the curriculum.

Bovine injections

Do not do injections through the injection cover! It is for demonstration purposes only!

- Subcutaneous –
 - Inject needle into the injection triangle which is ahead of the point of shoulder, above the vertebrae and below the nuchal ligament.



- Tenting Technique – Pull skin away from animal's body, inject needle into the base of the tented skin (either top or side).



- Intramuscular
 - Inject the needle into the injection triangle which is ahead of the point of shoulder, above the vertebrae and below the nuchal ligament.



- Inject perpendicular to the muscle and dispense product.



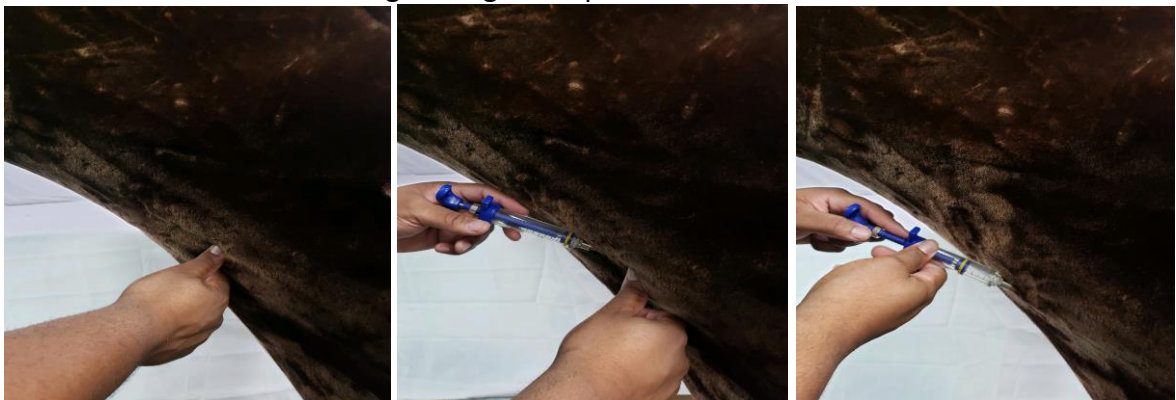
- Removing blood sample or hooking up an IV (may require two people)
 - Locate the jugular vein



- To simulate the jugular vein blood-flow, press down on the pulse foot pump and palpate the jugular groove until the vein is found.



- Raise the vein by pressing in the jugular groove with the thumb. Point the needle towards the heart and insert at a 30-45-degree angle and pull back on the needle to extract fluid.



Add/remove injection site foam/add paper

1. Unzip the hide and pull it down far enough that the foam triangle can be reached.



2. Gently pull the foam triangle out of the simulator.



3. Remove the paper insert and replace the paper insert with a new one if desired. A digital file is located at the Downloads link on page 1.



4. Replace the foam triangle by aligning it with the hold in the simulator and pressing it into the space.



5. Pull the hide back over the simulator and zip it up.



Injection Cover

1. Align the snaps of the injection cover with the snaps on the hide and attach.



2. To remove the cover, grasp the injection cover near each snap and pull away from the hide.



For additional assistance and video tutorials visit our website:
www.realityworks.com/support/