

## UMBILICAL CORD BLOOD COLLECTION

1. **Place the icepack from the shipping container in a freezer for at least 24 hours.**
2. Assemble all necessary supplies.
3. Immediately after foal is born, isolate the umbilical cord and disinfect using Chlorohexidine scrub. Once prepared wipe clean with alcohol.
4. Place umbilical clamp or cable tie 6 inches from the umbilicus.
5. Obtain the blood bag provided and insert the needle into the umbilical vein.
6. Milk the umbilical cord blood from the end furthest away from the foal obtaining as much blood as possible. It may be necessary to insert the needle into a few different sites in the vein to fill the 250ml blood bag.
7. Alternatively the umbilical cord blood can be collected using a 60 ml syringe and 16 gauge needle. The needle is inserted into the vein and the blood is aspirated into the syringe. If using syringes insert the needle into one access port of the blood bag. Clean the port with an alcohol swab prior to injection. Inject all syringe contents into the provided blood bag. It will take four full syringes to fill the bag..
8. Wear sterile gloves to ensure asepsis.
9. Put the enclosed patient label on the collection bag.
10. Place blood bag in the refrigerator or shipping container and follow the shipping instructions.



*Photo courtesy of UC Davis School of Veterinary Medicine*

