



### **Small Ruminant and Camelid Birthing and Dystocia Simulator**

Meredyth Jones Cook DVM, MS, DACVIM

I have found this simulator to be very useful for livestock owner/producer trainings as well as teaching veterinary and veterinary technician students about palpation and manipulation of lambs, kids and crias.

Materials needed are an 18 gallon quart plastic tote, flexible couplers, large radiator/hose clamps and a box knife or tin snips to make the hole and flanges. For the couplers, I put a 5" coupler on one end of the tote and a 5" to 4" coupler on the other end. Trash bags can be used for the uterus and the bag can be tied off to fit it to the fetus. Leading up to an event, I generally put a call out to local producers to save deceased fetuses or newborns in the freezer to be thawed and used for the training. I recommend that you insist that participants wear at least gloves and/or OB sleeves during the training and when managing any dystocia due to the risk of exposure to zoonotic agents when handling reproductive tissues and fluids.

Images and instructions below:



Finished view



Make cuts in an array long enough to accommodate the coupling. Fold those to the exterior and snip off the points to leave enough of a flange to hold the coupling. Secure with a radiator clamp.



To help you find them in the hardware store!