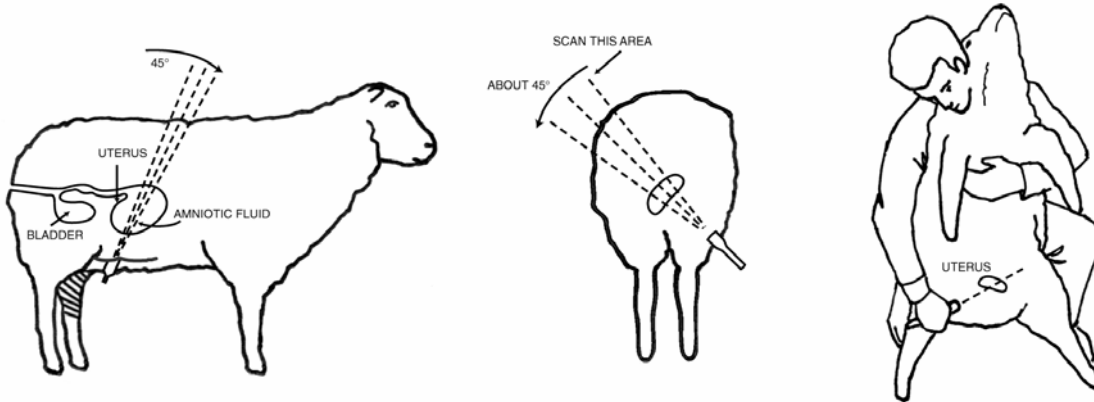


PREG-ALERT ADDENDUM

PREGNANCY DETECTION IN SHEEP AND GOATS

EARLY PREGNANCY DETECTION IN SHEEP

Ewes bred in the area of 25-40 days can be tested with the ewe in the sitting position as shown below. Test site is the rear-most right teat, up to 7.5cm (3 inches) toward the outside. Remove the wool. Aim the probe straight in, not at a 45° angle across the body. If test is negative, try the left side. Accuracy is high but formal data is not available. Pregnancy is indicated by a spike in the second zone (the tone will not sound).



EARLY PREGNANCY DETECTION IN GOATS

Testing may begin 30-40 days after breeding, later times yielding greater accuracies, up to about 100 days when litter size displaces most of the fluid.

Use a contact fluid, such as heavy 40W weight oil (preferably without additives to avoid allergic reactions), in order to make good contact between skin and transducer. It may also be necessary to clip hair and clean the area.

It is best to quiet and isolate the goat during the test, but confinement is not required. Testing is done with the goat in a standing position on a flat surface. (A 30-inch (12cm) high platform and head-gate make the work easier and less fatiguing.) Having the doe urinate prior to testing will mitigate the possibility of false positives due to fluid in the bladder.

Apply the contact fluid goat to the test site. Place the transducer on the **RIGHT SIDE of the goat, 2 inches (5cm) in front of the rear leg and 1 inch (2.5cm) above the teat.** (See pictorial below.) Work the probe into the oil and skin. The skin must be wetted and all air bubbles between probe and skin eliminated. Aim the transducer approximately 45° upwards and 45° forwards, (i.e. towards last rib on left side) and scan across the uterus as shown below. The spike indicating pregnancy will be in the second zone. Note: Avoid scanning the ruminant elements and bladder. Scanning those will produce false positives.

If pregnant spike cannot be obtained, ***remove hair and clean area on all that test open and test again.*** If the testing on the right side indicates open, then go to the left side, ***clip the hair*** and repeat the test in the same relative position there. Remember to apply more contact oil for each test. **Liberal use of contact oil is extremely important!** **Ultrasound will not pass through air or air bubbles.**

