

**092.00.1-12. LIVESTOCK EMBRYO TRANSFER OR TRANSPLANT; AND
LIVESTOCK PREGNANCY DETERMINATION
(Adopted 04/04/2018)**

Definitions:

20. Certain terms as provided by Ark. Code Ann. § 17-101-316 shall be defined as:

A. "Individual technician" shall be referred to as a non-veterinarian embryo transfer technician and means a person who performs the biosecure process of inducing increased ovulations within a donor female for the invitro or in vivo production of embryos, the flushing of those embryos, collecting, grading and transferring of those embryos to recipient females, or the cryopreservation of those embryos for storage and later transfer to recipient females.

B. "Livestock embryo transfer or transplant" shall mean services provided by a non-veterinarian embryo transfer technician certified by the Board which involves and shall be limited to nonsurgical embryo transfer in livestock, and may include basic ultrasonography of their ovaries to evaluate the response to embryo transfer associated procedures, and of the uterus to determine pregnancy by the detection of a heartbeat within the transferred embryo at or greater than twenty-eight (28) days of gestation of such animals.

C. "Qualified course" shall mean:

(1) A course on livestock embryo transfer or transplant and livestock pregnancy determination taught by someone with a Doctorate or Master of Science degree with an emphasis in animal reproductive physiology or a Doctor of Veterinary Medicine, or taught through an accredited or approved college of veterinary medicine; or

(2) A Doctorate or Master of Science degree with an emphasis in animal reproductive physiology.

Application:

21. The application for certification as a non-veterinarian embryo transfer technician in the State of Arkansas shall be written and signed by the applicant, and include the information set forth below and shall be accompanied by a nonrefundable one thousand dollar (\$1,000.00) application fee:

A. One (1) letter from a licensed veterinarian who has witnessed the applicant's ability to perform livestock embryo transfer or transplant and livestock pregnancy determination on at least three (3) occasions within six (6) consecutive months. The letter shall include the dates that the veterinarian spent with the applicant and an endorsement certifying that the applicant is proficient in the following areas:

(1) Basic knowledge, skills, and abilities required to proficiently extract, grade, freeze, thaw, and transfer livestock embryos; and

(2) The ability to properly use ultrasound equipment in determining pregnancy status with at least ninety percent (90%) accuracy beginning at sixty (60) days of pregnancy and with at least ninety percent (90%) accuracy when identifying trimester;

B. A record of successfully completing a qualified course taught by a livestock reproduction specialist on both livestock embryo transfer and livestock pregnancy determination;

C. Proof that the applicant has at least fifty percent (50%) financial interest in livestock management equipment, including without limitation ultrasound equipment, microscope, embryo freezer, and other required transfer tools; and

D. Proof of membership in either the International Embryo Technology Society or the American Embryo Transfer Association.

Renewal:

22. A certification under this section expires after two (2) years and the non-veterinarian embryo transfer technician shall submit the following to the Board for renewal:

A. A renewal application;

B. A renewal application fee of two hundred fifty dollars (\$250.00); and

C. A record of completing a continuing education course on bovine reproduction within the United States of America or Canada.

Continuing Education:

23. Non-veterinarian embryo transfer technicians are required to earn eight (8) credit hours before becoming eligible for renewal. Those hours shall be completed within the United States of America or Canada through the following:

A. The annual conference of the International Embryo Technology Society;

B. The annual convention of the American Embryo Transfer Association; or

C. Another course on bovine reproduction pre-approved by the Board.

Record Keeping:

24. A non-veterinarian embryo transfer technician shall keep and maintain a record that contains the contact information of the licensed veterinarian prescribing or dispensing prescription drugs who has a valid veterinarian-client-patient-relationship with the livestock owner when the prescription drugs are administered by the technician.