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INDUCTION OF SUPEROVULATION IN CATTLE

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ABSTRACT

Induction of superovulation in the body of donors is the main task in embryo transplantation. If superovulation is successful and a large number of egg cells are released, we will get good results in transplantation. Folliculostimulating hormone (FSH) can also be used to induce multiple ovulations. Many researchers and scientists recommend selecting animals for embryo transplantation taking into account additional criteria reflecting hormonal status and metabolic activity potential. Gonadotropins can adversely affect the development of the fertilized egg after ovulation in animals. In some cases, the chances of developing follicular cysts in the ovary are also high.

KEYWORDS: *Donor Animal, Recipient Animal, Superovulation, Transplantation, Metabolic Homeostasis, Folliculostimulant, Metabolic.*

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