Superovulation and Embryo Recovery in Angora Goats

Melike Zaloğlu[1], Ali Reha Ağaoğlu[2], Mustafa Kaymaz[3]

[1]Ankara University, Faculty of Veterinary Medicine, Student,
[2]Mehmet Akif Ersoy University, Faculty of Veterinary Medicine, Dept. Of Obstetrics and Gynecology
[3]Ankara University, Faculty of Veterinary Medicine, Dept. Of Obstetrics and Gynecology

In recent years, the majority of the scientific research, aiming to protect genetic resources are being created. For this purpose in Turkey called TURKHAYGEN-I, many university, research institutes and the Ministry of Agriculture for the same purpose, a project being carried out together. Under this project, 25 Angora goats were used. Which were in the University of Ankara, Faculty of Veterinary Medicine Research and Application Farm.

The oestrous cycles were synchronised with the aid of controlled internal drug release dispensers (CIDR®, New Zealand) for 11 days. The superovulatory treatment with Folltropin® (Bioniche, Canada) was initiated 48 hours before being removed CIDR®. Treatment consisted of a total dose of 10 ml Folltropin/doe, administered i.m. in 6 dosages, at 12 h intervals per day. Receptal® (Intervet, Germany) application was made for induction of ovulations after 12 hours last injection of Folltropin®. 40 and 50 hours after CIDR removing artificial insemination was performed twice.

Six days after mating, ewes were operated using laparotomy. 60 good quality embryos from total of 22 Angora Goats were recovered. After that all the embryos were freezed by the vitrification method.

Synchronization and superovulation protocols which were used in this study, were succesfull in Angora Goats.

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