

DEVELOPMENT AND IMPROVEMENT OF THE METHODS OF TREATMENT AND PREVENTION OF GYNECOLOGICAL PATHOLOGY IN MARES

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Horse breeding is one of the important branches of animal husbandry in Kazakhstan. In recent years, the development of animal husbandry in Kazakhstan is gaining momentum. In this attitude should emphasize success in private horse breeding. The breeding qualities of horses are enhanced by carrying out selection work and the importation from abroad of highly productive mares and stallions.

The delivery of purebred animals to the country is aimed not only at their participation in sports competitions, but also at obtaining a good tribe from them, precisely in our conditions. In this regard, a special attention of horse breeders is pays attention to the issues of horse reproduction. Unfortunately, in this aspect, there are some errors that interfere with the normal reproductive function of horses. One of these factors is the error in growing and keeping, training and hippodrome tests of mares, determining the time of mating, diagnosis of pregnancy and infertility, treatment and prevention of gynecological pathology.

The aim of the work was to find effective methods of preventing disorders of sexual processes and treatment of pathology of the reproductive function in mares.

A study of the prevalence of gynecological pathology in mares at horse-breeding farms in the Almaty region showed that infertility among breeding mares of riding breeds averages 39.5%, of which 29.2% are mare was gynecological patients. Gynecological pathologies were mainly manifested in the form of genital infantilism (21.4-47.4%), inflammatory processes (15.8-42.9%) and functional disorders (33.3-36.8%).

The novelty lies in the fact that in the process of doing the work, it was possible to determine the prevalence and causes of gynecological pathology, to develop and put into practice the methods: male vasectomy, prevention of genital infantilism, functional disorders of the ovaries.

The use of modern diagnostic devices (ultrasound, endoscope) allowed to visually see the condition of the studied organs, correctly diagnose pathologies and monitor the dynamics of the recovery of animals during treatment.

It should be noted that for the first time in conditions of horse-breeding farms in Kazakhstan, the use of vasectomized stallions for the prevention of functional disorders of the sexual apparatus of mares is scientifically substantiated and recommended.

According to the results of research, we proposed horse farms:

- "The method of vasectomy of spermatoscopes in male animals", Patent No. 24056;

- "The method for the prevention of genital infantilism and infertility in animals", Patent No. 24058;

- "The method for the prevention of functional disorders of the ovaries in idle mares", Patent No. 2457;

- "The method for increasing the reproductive function of mares", Patent No. 24213;

- The method of correction of sexual processes in the period of training and hippodrome tests using vasectomized stallions.