

Investigation on the Current Status of Clinic Application and Case Studies of Chinese Veterinary Medicine in Pets

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Abstract: Chinese veterinarians have a long history of development in our country, with a relatively complete and unique veterinary theory system, as well as mature clinical technology. However, the application of Chinese veterinary medicine in economic animals is more widely used than pets, and the clinic development of pets has not been widely promoted. At present, some chemical drugs commonly used in the medical profession have played an important role in the clinical diagnosis of pets, but the drawbacks are also obvious. In contrast, Chinese veterinary medicine, as a kind of traditional Chinese medicine, is mainly recuperation and has a large advantage in the clinical diagnosis of pets with low toxic and side effects and strong health care. This paper mainly analyzes the clinic application of Chinese veterinary medicine in pets to provide suggestions for the development of the clinic application of Chinese veterinary medicine in pets.

With the development of the social economy of our country, people's living standards are constantly growing, but people lack emotional needs, especially middle-aged office workers. Keeping pets is a good way of emotional sustenance for these emotionally demanding people. Therefore, the number of people who have kept pets in China has increased year by year in recent years. In contrast, the health of pets has attracted attention, and the requirements for pet medical care are constantly increasing as people pay more attention to pet health. In the current development of pet medicine, the treatment of Chinese veterinarians has become a new trend in pet clinical care. Because the treatment of veterinary drugs and acupuncture is extremely small for chemical treatment of pets, most of the veterinary drugs are traditional Chinese herbal medicines with natural and two-way conditioning effects, so they are chosen by more and more pet owners.

1. The Application of Chinese Veterinary Medicine in Pets

1.1 Development of the Chinese Veterinary Medicine Industry

Chinese veterinary medicine includes traditional Chinese herbal medicine and some drugs processed by animals and minerals based on tablets and drugs. It is used to treat pets under the guidance of relevant pharmaceutical theoretical knowledge of Chinese veterinarians. As a traditional medicine in China, Chinese veterinary medicine has a long medical history, and the development of Chinese veterinary medicine is the basis of its survival and development. It has been proved by time and practice that the therapeutic effect of Chinese veterinary medicine is significant, and the side effects of the medicine are small, which is extremely effective in the treatment of some diseases. With the increasing demand for living standards, people pay more attention to the health of pets and are willing to spend more and more on pets. Therefore, the requirements for the quality and effect of Chinese veterinary medicine products used in the clinical treatment of pets are constantly improving, which has led to the development of Chinese veterinary medicine products and related health care products. In addition, it has made the development of Chinese veterinary medicine a good prospect, which has an important impact on the development of Chinese veterinary medicine industry in China.

Chinese veterinary medicine has been developed since 1970s, but at that time, the products of Chinese veterinary medicine were relatively simple, and the production process was simple that was mainly based on the traditional Chinese herbal medicine production methods. After the reform and

opening up, the productivity of our country has been greatly improved, which has promoted the development of the production of Chinese veterinary medicine. Not only some pills are mainly produced, but also a variety of pharmaceutical types, such as capsule, granule pill, injection, and oral liquid, are produced, which have played an important role in the clinical treatment of Chinese veterinary medicine. With the continuous improvement of the level of social productivity and the support of the Ministry of Agriculture for the development of Chinese veterinary medicine industry, the conditions for the production of Chinese veterinary medicine have been greatly improved. With the addition of new equipment and technology, the production and development of Chinese veterinary medicine industry has become a large production marketing chain integrating research and development, production and marketing. While with the development of science and technology, many adverse reactions caused by the use of synthetic drugs have attracted great attention. Therefore, people begin to devote themselves to the research of traditional Chinese medicine to produce healthy and environmental friendly green drugs that meet the needs of the times with traditional methods and modern technology to better ensure the long-term development of Chinese veterinary medicine and give full play to the greater benefits of Chinese veterinary medicine in the clinical treatment of pets.

1.2 Clinical Application of Chinese Veterinary Medicine in Pets

China has been a big agricultural country since ancient times, especially in the ancient farming era, as well as the perennial war, people paid great attention to animals such as cattle, horses, donkeys and sheep. Therefore, the health of these animals was equally valued; so many classical medical books have records about these animals. However, at that time, the breeding of domestic dogs and domestic cats did not have much practicality for people. It was nothing more than that some wealthy people were used to spend time, so there are relatively few classical books on the treatment of such animals. However, the clinical treatment experience of animals recorded in some existing classical medical books is of great help to the current pet clinical medical care. In contemporary society, people keep pets, put a certain amount of time and emotion on the pets, and even take the pets as a part of the family and take care of them with great care. Therefore, people are not concerned about the cost of medical treatment for pets, but more concerned about the effectiveness of treatment and whether there will be side effects on pets. Because traditional Chinese medicine treatment in China has a certain status in people's minds and has a high degree of trust in Chinese medicine, the owner of pets certainly hopes to apply their reliable and highly effective treatment methods to pets to protect their health, which reflects the contemporary needs of Chinese veterinarians in the clinical care of pets. At present, Chinese veterinarians mainly use proprietary Chinese medicines and pet-specific proprietary Chinese medicines in the clinical treatment of pets, and Chinese herbal medicines are relatively rare used. However, if a Chinese herbal medicine is used, it needs to be used as a decoction or other medicines, and the procedure is cumbersome and the palatability of the decoction is relatively poor. Therefore, the traditional Chinese medicine decoction pieces are relatively less used in the clinical treatment of pets. Chinese patent medicines are used in the clinical treatment of pets. Whether they are pet doctors or pet owners, they tend to use proprietary Chinese medicines for the treatment of pets.

2. The Development Status of the Pet Medical Industry

With the continuous improvement of social and economic level and cultural level, pets are popular among the current young people, and have risen to the level of people's spiritual needs. Pets are seen as a member of the family, and their health is particularly concerned, especially in families with small children, which are of great concern to the health and well-being of pets. It has promoted the development of the pet medical industry. Nowadays, pet medical care does not simply provide pet health check services, but also provides pet health care, beauty and other services. It has formed a management unit that can provide one-stop service. However, as the number of pets is now increasing, the disease accompanying pets also tends to diversify. Due to the age limitation of pets, the problem of aging in the pet industry is accompanied by an increase in the number of pets. The

main diseases are heart disease, high blood pressure, liver and kidney, and the incidence rate is high, which has a serious impact on pets and the quality of life of pet owners. Because some people like it very much, even dote on pets, the food of pets is better than that of their owners, which results in some diseases caused by the excessive obesity of pets.

In the current pet clinical treatment, antibiotics are the most widely used. However, due to the diversity and frequency of diseases, the effect of antibiotics on disease control has been gradually low. And if the long-term use of antibiotics for pets, it will cause adverse effects on the liver and kidney of pets, and even cause some other symptoms of disease. In the clinical treatment of pets, the most effective is hormone drugs. The use of a small amount of hormone drugs can control pet disease effectively. But hormone drugs will lead to the endocrine disorders of pets, and the long-term use will cause the increasingly fragile skin of pets. Therefore, the advantages of Chinese veterinarians in the clinical treatment of pets are gradually highlighted. The natural medicine and unique theoretical system of Chinese veterinarians are more in line with the requirements of modern people for pet treatment, which makes Chinese veterinarians increasingly popular in clinical treatment of pets.

3. Case Analysis of Clinical Application of Chinese Veterinary Medicine in Pets

3.1 Case Description

In this case, angelica, injection of compound DanShen and motherwort herb are used to treat the problem that the mother dog's placenta could not be removed.

The dog is 4-year-old girl with golden hair. She is overweight and prim parous. The dog shows anxiety and loss of appetite before giving birth to baby. When it is sent to the pet hospital, the dog is short of breath and has a large abdominal circumference. According to the diagnosis, it is difficult to give birth. Treatment should be carried out in a timely manner. X-ray should be taken to determine the number of fetus in the dog's abdomen at the same time of nutrient solution infusion, and the position of fetus should be followed up in a timely manner to be able to speed up the delivery in a timely manner. With the help of artificial midwifery, the dog has successfully delivered 6 puppies, but there are two fetal casings left in the abdomen, which need to be discharged in time.

3.2 Clinical Diagnosis and Treatment

In order to enable the bitch to smoothly discharge the residual placenta and avoid other complications, angelica, injection of compound DanShen should be injected into the body separately, together with the oral administration of motherwort herb and the use of antibiotics, the female dog can smoothly discharge the residual placenta on the third day after delivery.

3.3 Diagnosis Conclusion

It is common to have dystocia in pets and to occur in some smaller dogs. There are many reasons for the dystocia of the dog. For example, the dog has a poor physical condition and has no obvious contractions, or the dog is early in the water and can not be sent to the doctor in time, or it has the disease of the uterus in the dog itself. The problem of excessive fetal volume and malposition of the fetus in the abdomen is one of the causes of dystocia in the dog. When the dog is difficult to give birth, it is necessary to carry out artificial midwifery, but it is easy to cause the residual of the placenta. If the residual fetal clothing is not discharged in time, the uterus begins to contract in the postpartum of the dog, which will lead to delayed uterine involution, even serious cases such as uterine bleeding. If there is a residual fetus, but it needs to ensure that the dog can breastfeed normally, the treatment of veterinary drugs is the best choice.

Conclusion

In summary, in the development of contemporary society, pets are increasingly welcomed by more families, especially by high-income middle-aged and young people. They regard pets as a part of the family and put them into emotional sustenance, which is an indispensable part of life.

Therefore, the attention to the physical health of pets has become a must for their daily lives. Those who love pets will not be willing to let their pets get hurt, so when the pets are sick, they will choose to minimize the pain of the pets and ensure the health of the pets to the greatest extent. Therefore, the requirements for the Chinese veterinary industry are constantly improving, prompting the Chinese veterinary medicine industry to use more natural Chinese medicine for the clinical treatment of pets from the perspective of pets to ensure the recovery of pets. The development of the pet industry and the high requirements of pet owners for pet treatment are also a way to promote the good development of the Chinese veterinary industry. At the same time, it is also a kind of supervision on the quality and effectiveness of Chinese veterinary drugs, which encourages the Chinese veterinary medicine industry to produce healthier drugs that can resist high-risk diseases and reduce the side effects of drugs as much as possible to ensure the high quality and high efficiency of Chinese veterinary drugs.

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References

- [1] An Jun, Guo Haiyan, Chen Jianzhong. Problems and Countermeasures in Breeding of Urban Pet [J]. China Animal Epidemic, 2009,26 (1): 13-14.
- [2] Hou Jiayu, Fang Taihui. Pharmacology of Traditional Chinese Medicine [M]. Beijing: China traditional Chinese Medicine Press, 2005.
- [3] Liu Jianping. Evidence-Based Clinical Research Methodology of Traditional Chinese Medicine [M]. Beijing People's Health Press, 2006:8.
- [4] Huang Chunlan. Research and Development of Chinese Veterinary Medicine [J]. Journal of Chinese Veterinary Medicine, 2009.
- [5] Sun Ai Rong, Wu Jun. Clinical Application and Safety Analysis of Traditional Chinese Medicine Injection for Promoting Blood Circulation and Removing Stasis [J]. China Modern Pharmaceutical Application, 2014 (2): 125-127.
- [6] Wei Xubin. Advantages and Characteristics of Chinese Veterinary Medicine in Prevention and Treatment of Animal Diseases [J]. Chinese Poultry. 2009.
- [7] Jiao Xiaojun, Li Chengying, Zhou Shuzhen, et al. Research progress of the application of benazepril hydrochloride in pet clinics[J]. Veterinary Journal, 2018, 000(014): 194-195.
- [8] He Jiaying. Discussion on the application of veterinary imaging technology in pet clinical[J]. Animal Husbandry and Veterinary Medicine Today, 2018, 034(007):84.
- [9] Wei Chunmei. The importance and clinical application of B-ultrasound in pet reproductive health [J]. Henan Animal Science and Veterinary Medicine: Comprehensive Edition, 2019, 040(008): 22-23.
- [10] Yan Zuoming. Application of Jiuwei Qiang Huo Tang in clinical practice of traditional Chinese veterinary medicine[J]. Chinese Journal of Traditional Veterinary Science, 2019.