

The Importance Of Veterinary Medicine In Different Professional Fields

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Introduction

Veterinary medicine in society is very important because it fulfills a surveillance function against diseases that can cause great economic and human losses, in addition to improving the quality of life of our pet.

Whose importance as family members has grown over time and ensure the health of the environment. That is why working hand in hand with other specialties and professions seeks to prevent diseases and ecological disasters that affect society.

The role of the veterinarian in any of his field of action, whether it is administration, research, teaching, the production of food of animal origin.

The Importance Of Veterinary Medicine In Different Professional Fields

Veterinary medicine in society is very important because they fulfill a surveillance function against diseases that can cause great economic and human losses, in addition to improving the quality of life of our pets, whose importance as members of the family has been growing over time and ensuring the health of the environment. That is why, working hand in hand with other specialties and professions, we seek to prevent diseases and ecological disasters that affect society.

One of the greatest contributions of the Veterinarian to Public Health is in the Control of Food The term "Control of Food" is used to indicate supervision in the production, process and handling of the same and only the Veterinarian, by virtue of his education, is the only professional trained to carry out this delicate work.



Professional Fields in Veterinary Medicine and Their Importance

Veterinary anesthesiologist Specialists in this branch are responsible for administering anesthesia before and after surgical interventions, including cesarean sections in case of complicated births, either through epidural injections or drip infusions to control the dosage. Because some animals could be allergic to certain anesthetics, the specialist in this branch must be prepared to face setbacks and solve them in a timely manner throughout the medical intervention.



Analgesic veterinary Veterinarians who work in this branch are responsible for controlling, through the use of specialized drugs, chronic pain and those caused by injuries and accidents.



Veterinary Pharmacology Pharmacology seeks to contribute to the benefit and well-being of the patient, in addition to providing the veterinarian with a pharmacological medical criterion to recommend and prescribe the therapeutic products used in the veterinary clinic for the treatment and prevention of diseases of domestic animals.



Veterinary Dentistry Veterinary dentistry plays a crucial role in the overall health of our pets. Not only is it about maintaining a bright white smile, but dental problems can cause severe pain, infections, loss of appetite, and systemic diseases such as heart, kidney, or liver disease. Therefore, it is vital for pet owners and veterinarians to understand the importance of regular dental cleaning and correct extractions in our pets



Veterinary dermatology Veterinary dermatology is the discipline that diagnoses and treats skin pathologies in animals. These skin problems can manifest themselves in the form of itching, burns on the pads, ear infections, rashes, redness, etc. To ensure good dermatological health in pets, it is essential to ensure hygiene control by using products in accordance with the characteristics of the animal, maintain their basic daily care and protect them from sun exposure.



Internal medicine Internal medicine in veterinary medicine is a specialized discipline that is dedicated to the study, prevention, diagnosis, and treatment of internal diseases in pets. This field encompasses a wide range of conditions and symptoms that can affect any organ or internal system of an animal's body.



Laboratory veterinary laboratory tests provide detailed information about the functioning of our pets' organs and vital systems. This includes evaluation of kidney, liver, and heart function, as well as blood cell counts and parasite screening.



Veterinary microbiology that is responsible for the study of microorganisms that affect animals. These microorganisms can include bacteria, fungi, viruses, and other infectious agents. Veterinary microbiology is critical to understanding diseases that affect animals, diagnosing them, preventing them, and treating them effectively. In addition, this discipline plays a crucial role in food security, public health, and wildlife conservation.



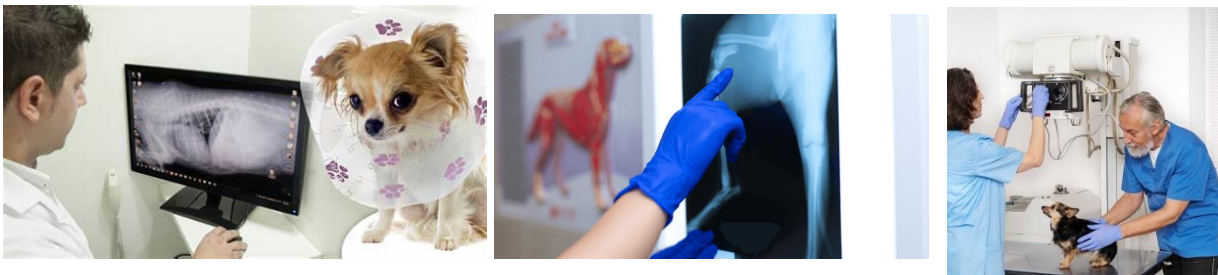
Veterinary nutrition Veterinary nutrition is a discipline that is responsible for studying and providing adequate food to animals to maintain their health and promote their well-being. It is essential to ensure optimal development, prevent diseases and improve the quality of life of pets. The animals' diet must be complete and balanced, i.e. it must contain all the necessary nutrients in the right amounts. These nutrients include proteins, carbohydrates, fats, vitamins and minerals. Each animal has specific nutritional requirements depending on its species, age, size, physical activity and health status.



Veterinary pathology Veterinary pathology is the science responsible for the study and diagnosis of diseases in animals, based on the analysis of tissues, body fluids and organs. It plays a crucial role in identifying pathologies that can affect both domestic and wild animals, contributing to animal welfare and public health.



Veterinary radiology lies in the fact that it allows us to make various diagnoses to your pet with some type of pathology or disease, which ensures better treatment in a timely manner. This technology is regularly applied when we suspect a heart or lung pathology, if your pet coughs more than usual, it may be necessary to take him for a check-up; On the other hand, it is also useful to diagnose or treat trauma, consider it if your furry friend suffered a severe blow or if you see any abnormality in his gait



Veterinary Surgery Veterinary surgery is an essential branch of veterinary medicine that focuses on the surgical treatment of animals to diagnose, cure, or improve various medical conditions. Advanced surgical techniques, safe anesthesia one, and perioperative medicine play a crucial role in the success of these interventions. Studying and applying veterinary surgery requires in-depth anatomical knowledge, precise technical skills, and a commitment to animal welfare.



Veterinary theriogenology collects and stores genetic material from individuals of threatened species, thus ensuring the preservation of their genetic diversity even if the animals themselves cannot be conserved in their natural environment.



Veterinary toxicology Veterinary toxicology involves the evaluation of poisonings, the identification and characterization of toxicants and the determination of their fate in the body, and the treatment of poisonings.



Conclusion

In conclusion, the importance of veterinary medicine forms a fundamental role in the ecosystem since veterinarians are in charge of the welfare and the various animals that exist such as the animals of the environment.

