

DEGREE IN VETERINARY MEDICINE AND ZOOTECHNICS

ENGLISH I

REHEARSAL

“VETERINARY: MEANING AND IMPORTANCE”

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VETERINARY: MEANING AND IMPORTANCE

The purpose of this writing is to analyze and understand the terms and importance of veterinary medicine in the social, educational and psycho-emotional (human-animal relationship) fields. In addition to logical arguments and definitions, this essay also presents some personal points of view based on previous experiences that have strongly influenced the decisions about my life purposes towards society and towards living beings in general. But before delving into the personal anecdote, we will begin by establishing that the meaning of veterinary medicine is to be a science and medical specialty that deals with the prevention, control, diagnosis and treatment of diseases that affect the health of domestic and wild animals, as well as the prevention of the transmission of diseases from animals to people. Therefore, this area of veterinary medicine should be of common interest for all people who are in constant interaction with pets, production animals, or are simply consumers of food products that are obtained through animals and that are part of our daily food intake. Therefore, creating excellent veterinary doctors is of utmost importance, since they are the ones who will be in charge of guaranteeing a safe supply of food of animal origin for people, this by monitoring and maintaining the health of food-producing animals. A shocking case is that according to the recognition of the World Health Organization (WHO) or the government of a country, there are around 450 veterinary degree programs around the world. The level of veterinary training varies greatly between countries, and only about a third of these programs designate the degree awarded as a doctoral degree. A fact that is truly alarming because veterinary doctors, if we had to talk about food chains, would occupy the first most important positions, because by creating a good health professional, obviously there will be better programs and protocols that prevent zoonotic diseases and the number of Gastrointestinal infections or even more serious conditions such as viruses or pandemics would be controlled, avoided and we could even achieve eradication by doing a good job, managing and monitoring the resources and parameters that the animal production and welfare standards indicate to us. For example, the “Importance of Veterinary Medicine” article given to us in class tells us that veterinarians working in public health programs evaluate the safety of food processing plants, restaurants, and water supplies, and that also monitor and help control outbreaks of human and animal diseases; So how could we leave these examples adrift where the processes that are carried out to guarantee the safety and protection of our health as human beings can be left to untrained personnel or non-

specialized doctors to avoid new diseases or create possible cures? Veterinary medicine is, in my opinion, one of the fundamental bases for the survival of human beings, and it deserves to pay great importance to the educational systems that are the pillars of the training of future doctors trained to resolve and/or prevent any type of disease crisis. Now, since we have made clear the perspective that we give to this branch of medicine, we will proceed to explain its definition or meaning as a medical specialty for the prevention, control, diagnosis and cure of diseases that affect health of domestic and wild animals, which also deals with preventing the transmission of animal diseases to humans. Then it is more than clear that the importance of veterinary doctors is vital since those who are in charge of public health are the first and best line of defense against animal diseases that could threaten our health and that of our families, as well as, in larger parameters, the integrity of national security. So then, we already know the context of the veterinary doctor at an educational, social and even governmental level, it is time to talk about a very important aspect that has a fundamental role in the development of human beings that is generated when a person decides to include a domestic animal as a “pet” to accompany his life and become part of a home and his family, we talk about the cognitive-behavioral affective bond or psycho-emotional. We will continue this writing with an anecdote that refers to a personal case that occurred 10 weeks ago, in which two unknown people were spectators of a cat were being run over. It should be noted that this event is very common in cities where there is a high number of vehicles traveling on the streets, as well as a high population of stray dogs and cats, which do not have a specific home, much less good sanitary conditions, therefore, run-over accidents happen daily and people who live in cities, in this case we are talking particularly about the city of Tapachula, in the state of Chiapas, its inhabitants are already familiar with these events, which is why it is not surprising that they continue their path and do nothing about this situation of relevant importance. However, in this anecdote, these two people chose to generate a change in society after observing the indifferent behavior of the people who witnessed such an accident and seeing the desperation with which the feline tried to enter the neighboring houses to take refuge from the physical pain that he was experiencing and the terrible rain that was being witnessed at that time, so, without thinking twice, these strangers joined together to transfer the kitten to the nearest veterinary clinic. Already being with the veterinarian, the kitten was admitted to be examined, and after a medical palpation, the veterinarian argued his diagnosis as non-severe injuries, with the

exception of the blow that the cat had on its skull due to the impact of the vehicle, because due to At that point, the cat had lost its sight due to a retinal detachment, on the other hand, it had a skin opening and a muscle tear in its right front limb, which the veterinarian proceeded to quickly suture. Once he issued his diagnosis, he also commented that the cat showed signs of animal abuse by a human being, because he discovered the amputation of one of its ears, as well as most of its tail. Based on this new diagnosis, the cat was admitted to the care and boarding area for 10 days, the veterinarian was authorized to perform a complete blood study to rule out any disease such as leukemia or feline AIDS, which could result in death or euthanasia. , so the doctor performed the tests 24 hours after the animal was admitted. Once the blood study was carried out, the results were obtained, which were negative for all types of disease, which corroborated that the cat was in good health, but with superficial and visual injuries due to the car accident, as well as that the diagnosis remained that way and the cat continued to be treated with broad-spectrum antibiotics every 48 hours, feeding and water supply daily. Given all this, the people, who were the rescuers, visited the feline every day and were attentive to its recovery. The doctor insisted that the animal's case was delicate in terms of physical parameters (visual disability and movement deficiency in its thoracic limb) as well as difficulty in its behavior due to the psychological damage generated by living with people who attacked it, due to all this, the cat presented an overly aggressive behavior in the face of any attempt at physical contact by the human, which sometimes in turn complicated the feline's rehabilitation and medical management. On the other hand, it turned out that the cat had not only lost sight in its left eye due to the accident but there was also the presence of glaucoma in the right eye, which limited its vision to only 40%. Based on all these diagnoses, the possibility of survival of the feline on the streets was zero, so the two rescuers decided to contact foundations that are responsible for the management of domestic animals for their future rehabilitation and reintegration into a new home and family. The contact was successful and now all that was left was for the veterinarian to discharge the feline. Once the 10 days of boarding time had passed (which the veterinarian suggested), the cat was handed over to the rescuers, under the doctor's instructions, which were all positive, since in the words of the professional, the cat was 100% healthy and recovered. After having spent ten days in the clinic. Following the veterinarian's instructions, the cat was taken to a temporary home, but once one of the rescuers had a better opportunity to get closer to the feline, he realized that it had been sterilized, in

colloquial terms "neutered", so He immediately called the doctor to ask him, because at no time was authorization given for a surgical procedure unrelated to the reason why the cat came to the office. After 36 hours since his discharge, the cat died in the arms of his rescuer, agonizing painfully for 6 hours prior to his death and submerged in a puddle of urine and feces. This story of veterinary medical negligence is not the only one, since by not generating in society the importance and real impact that veterinary medicine has in many areas of the lives of human beings, the environment in which we develop, human beings and all the activities that we carry out on a daily basis throughout our lives, in everything we do, every step we take, there are more living beings around us, which are there as part of what is known as "world" or "planet Earth" and that being realistic, we could not exist as we do today if it were not for all the animals and plants that we have within our reach and around us. The case of the death of this kitten results in medical negligence because by analyzing the chronological facts, we can deduce that the veterinarian made a bad diagnosis from the beginning, since for any victim of a vehicle collision it is essential to carry out ultrasound studies. And x-rays to rule out internal injuries to organs and other tissues that could affect the patient's final diagnosis. These studies were never carried out or even proposed by the treating doctor, who also omitted a dislocation of the right thoracic limb in his diagnosis, since he never realized that the cat came with that injury caused by the impact of the vehicle, it was not even realized account when palpating the thoracic and pelvic limbs during the initial consultation. That conclusion was reached after the feline was subjected to X-ray studies while it was in a state of agony, these studies were carried out in a different clinic with a different veterinary doctor. The x-ray showed the dislocation with the naked eye, in addition to the presence of fecal matter and other fluids present in his thoracic cavity, which determined the cause of his death. For this reason and for the reasons explained previously in this writing, we can conclude that veterinary medicine is more than just cows and feces, veterinary medicine has as much to do as human medicine in terms of the impact it generates on everyone's lives. Living beings and in the relationships that human beings have to this day with everything they do daily. Veterinary medicine is the key point for good socioeconomic, cultural, behavioral and of course also psycho-emotional development, because currently domestic animals (pets) are part of psychological programs for people with mental disorders or psychotherapeutic processes in which They are designated a "companion animal" or Emotional Support Animals (ESAN) to channel their emotions and

stabilize their nervous system after having suffered a traumatic event or presenting some pathology or disorder that compromises their cognitive, physical or mental capacity emotional. We can mention as some examples, personality disorders, highly sensitive people (HSP), people with borderline personality (BORDERLINE), people with obsessive-compulsive disorder, people with anxiety disorders, people with phobias, etc. For all these reasons and exemplifications, veterinary medicine is concluded as a branch of fundamental medicine for the development of human beings with great importance and presence in their lives since prehistoric times where the dog was the first domesticated and companion animal, an event which was key to the evolutionary progress of human beings until today.

Linkography

“Reading importance of Veterinary Medicine”, 2023

- <https://www.britannica.com/science/veterinary-medicine>
- <https://nexgenvetrx.com/blog/veterinary-medicine-its-importance/>
- <https://www.ashishlifescience.com/importance-of-veterinary-medicine-in-maintaining-animal-health/>