



**INSTITUTO
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**CARRERA
MEDICINA VETERINARIA Y ZOOTECNICA**

**MATERIA
INGLES I**

**TEMA
IMPORTANCIA DE LA MEDICINA VETERINARIA**

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Development

It speaks of the importance of veterinary since they guarantee food safety through food safety, improve animal health by preventing and eradicate diseases in animals and help the management of ecosystems avoiding imbalances due to climate change or invasive species. Zoonosis is a disease that comes from the animal and is transmitted to humans, something that is very important to know today.

And the importance of the veterinarian in what is public health since it develops an important role in the care of animals that are for human consumption and in the diagnosis of animal diseases that can be transmitted to people.

Importance of veterinary medicine

Veterinary medicine is focused on safeguarding the animal welfare and health of all ecosystems: from domestic dogs and cats to species from other environments, such as forests, jungles or the ocean. In addition to this, veterinarians are trained to monitor and improve the quality of products obtained from animals. For this reason, they are experts in diagnosis, medicine and nutrition of different types of livestock.

They are also concerned with the prevention of disease transmission from animals to humans. Veterinarians have the knowledge of knowing how to control and maintain the health conditions of animals since they are producers of our food, veterinarians also ensure that the food supply through these animals is safe for human consumption.

Animals are responsible for producing some of the main foods as those foods complement our balanced diet and help us lead a healthy life. Likewise, it is worth noting the economic importance of livestock activity in our society, therefore, since the time when the domestication of animals began, a part of the human population of India is dedicated to raising livestock. Considering the importance of animal health, Veterinary Medicine Company of India formulates medicines that can treat the health status and welfare of animals, which is why there is no doubt that animal health is a critical element that has a great impact on the health and welfare status of animals.

Animal health cannot be overlooked as it also indirectly affects human health. It guarantees their good health and maintains the production of vines of these animals. For most people, the role of a veterinarian is to maintain the health of pets, as well as wellness exams, vaccinations, dietary recommendations, and occasionally surgeries or treatment of an injury. In the field of veterinary medicine itself and its scope are quite broad and represent not only addressing the welfare of pets, their owners and the institutions that use animals in their operations or also a wide range of public policy issues that impact the whole society.

Today's veterinarians are the only doctors trained to protect the health and welfare of animals, as well as people. They work hard to address the health and welfare needs of every species of every animal. Veterinarians also play key roles in environmental protection, research, food safety and public health.

All animal science activities essentially affect human health, either directly through biomedical research and public health or directly by addressing the health of domestic animals, wildlife or the environment.

Public health veterinarians are those veterinarians who practice veterinary medicine with a specific focus on protecting human and animal populations from diseases and injuries caused by animal-related diseases. Prevent and treat zootechnical diseases (diseases that can affect both animals and people), from rabies to avian influenza.

The role of the veterinarian in any of its fields of action whether administration, teaching, food production of small species, assume a fundamental responsibility for the prevention and control of zootechnical pathogens from the source of origin. In this way, animal health becomes a vital axis for public health care.

The veterinarian has the responsibility to implement in his field of competence, the approach of a single health which is a philosophy whose orientation is to prevent and treat diseases in animals that affect the health of people, in harmony with the environment. Under this concept, veterinary medicine protects people's health and contributes to ensuring public health by preventing diseases from their origin, which affect the world population.

In addition to the above, veterinarians guarantee food safety through animal safety, improve animal health by preventing and eradicating diseases in animals and help manage ecosystems by avoiding imbalances due to climate change or invasive species.

Biomedical research is the broad area of science that seeks ways to prevent and treat diseases that cause disease and death in people and animals, this general field of research includes many areas of physical and life sciences, the fact that animals are used in research requires the participation of veterinarians in this field.

Biomedical research is an evolutionary process that requires careful experimentation by many scientists, including biological and chemical scientists. In this setting, veterinarians must be enrolled or employed in organizations engaged in biomedical research involving animals. These include universities, research hospitals, commercial research facilities, as well as pharmaceutical and biotechnology companies.

Veterinary medicinal products are necessary to maintain the level of food safety and their availability. These medicines help to minimize or eliminate the negative effects on animal health and on the health of people, veterinary food supplements ultimately lead to better agricultural production.

In order to boost agricultural production, agricultural research systems must be strengthened and linked to technical assistance, which is mainly aimed at small and medium-sized producers and peasant organizations. Increase economic resources for the financing of agriculture and direct credit towards those products that in the region have greater vocation and direct them towards the sectors of small and medium farmers.

Objetives

1. One of the objectives of veterinary medicine is to define and know how to solve specific profiles of animal and epidemiological health.
2. Apply strategies for prevention, diagnosis, control and treatment of diseases to influence animal health and public health.
3. Evaluate animal production systems based on their biological, economic and social function, considering animal welfare and sustainable resource management.
4. Apply good production practices and the system of risk analysis and critical control points, through the transformation and protection of products of animal origin.
5. Implement alternative solutions for animal-borne diseases.