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It speaks of the importance of veterinary medicine since it guarantees food safety, improves animal health by preventing and eradicating diseases in animals and helps 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. Veterinary medicine is important because it protects not only the health of animals, but also contributes to ensuring public health, prevents outbreaks, preventing the spread of diseases that threaten animals and people. In addition, veterinarians are responsible for ensuring food safety and ensuring the quality of food, improving animal health and preventing the eradication of diseases. As a veterinarian we have a constant and growing commitment to promote animal health and welfare, since everything we achieve in that sense is reflected in a healthier society physically, mentally and emotionally.

The objective of veterinary medicine is to define and know how to solve specific profiles of animal health and epidemiology. Evaluate production systems based on biological, economic and social function, considering animal welfare and sustainable resource management. Apply good production practices and the system of risk analysis and critical control points, through the transformation and protection of products of animal origin and implement alternative solutions for diseases transmitted by animals. Veterinary medicine focuses on safeguarding animal welfare and the 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 supplement our balanced diet and help us lead a healthy life. It is also 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 livestock breeding. Considering the importance of animal health, the Indian Veterinary Medicine Company formulates medicines that can treat the health status and welfare of animals, so 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 ensures their good health and maintains the production of lives 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 They are quite broad in scope 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 society as a whole. 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 each species of each animal. Veterinarians also play a key role 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. They 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, assumes 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 unique health that 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 of origin, which affect the world population.

In addition to the above, veterinarians ensure food safety through animal safety, improve animal health by preventing and eradicating diseases in animals and help manage ecosystems 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 context, veterinarians should be registered or employed in organisations 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 availability. These medicines help to minimize or eliminate negative effects on animal health and on the health of people, veterinary food supplements ultimately lead to better agricultural production. To boost agricultural production, agricultural research systems need to 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 to those products that in the region have greater vocation and direct them to the sectors of small and medium farmers.

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- <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/>

The image shows a large, light blue watermark logo for 'UUDS'. The logo consists of a stylized graphic on the left, followed by the letters 'UUDS' in a bold, sans-serif font. The graphic part of the logo is composed of several curved, overlapping shapes that resemble a stylized 'U' or a series of waves.