



ONE HEALTH: A Modern Vision of an Optimistic and Long-Lasting Future

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The pandemic caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) virus has once again demonstrated the close relationship between humans and animals and their environments. At a time defined by unprecedented global challenges, the Single Health Model emerges as a visionary framework, signaling to us that we are moving towards a future marked by collaboration, resilience and sustainable living. As we navigate a world intricately woven into the web of human life, biodiversity and the delicate fabric of our environment, it is important to embrace a holistic approach to health never been so great.

The traditional boundaries that once separated human health, animal welfare, and the complex environment converge in the face of looming threats Infectious diseases, environmental degradation, and the complex dance of environmental balance underscore the need for an integrated approach—what the change entails is a One Health concept.

The concept of one health

There are different ways of understanding the scope and application of the single health concept. The literature, across institutions and organizations, is replete with definitions of "One health."

At its core, One Health transcends the boundaries of traditional silos, enabling a paradigm shift that extends beyond simulated measurement and involves agile operations. It highlights a time when doctors, veterinarians, environmental scientists and policy-makers come together to recognize the links between the health of humans, animals and the ecosystems in which they live.

One health definition

The aim of an integrated approach to achieving One Health is to balance and improve the health of people, animals, and ecosys-

tems. One Health is based on internal principles that emphasize how all forms of life are interconnected, aside from the close relationship and interaction between human health, domestic wildlife, plants, and the macroenvironment, especially ecosystem health, which has been defined by the World Health Organization (WHO) as a comprehensive approach through the development and implementation of policies, programs, and research.

Key underlying principles

- Parity between niches and sectors.
- The belief that all people are created equal and should have equal rights and opportunities, and sociocultural and intercultural equity, pluralism and lack of voice for participation and inclusion.
- Social ecological balance is the search for a balance between harmonious interactions between humans, animals and the environment, recognizing the importance of biodiversity, natural resources and its abundant availability, and the ecological value of all organisms
- The goal of conservation is to successfully alter people's behaviour and implement long-term solutions that acknowledge the significance of preserving the health of all ecosystems and the wellbeing of animals for both the present and the future.
- Interdisciplinary collaboration and multidisciplinary collaboration, including all relevant disciplines, contemporary and traditional expertise, and a wide range of representative perspectives.

Link between humans, animals, and the environment

The complex web of relationships that exists between people, animals, and the environment is what makes life so rich. Animal illnesses serve as potent reminders of our shared humanity and fra-

gility. Human health is significantly impacted by the stability of our ecosystems and the health of animal populations, as demonstrated by the global response to pandemics like COVID-19. Preventing the beginning and spread of disease and safeguarding the delicate balance of our planet can be achieved by effectively managing and identifying these linked dangers.

As we work together to build a future that is more ecological, socially just, and health-conscious, the One Health idea offers promise. It challenges us to transcend disciplinary barriers and envision a future in which the health of humans, animals, and the environment live in a frenzied dance of mutual well-being. We are paving the way for a future in which the effects of connected health will be seen for many generations to come, influencing our world health promise in the years to come, by means of cooperative campfire experimentation.