

ONE HEALTH APPROACH FOR CONTROL AND PREVENTION OF BRUCELLOSIS IN IRAN

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BRUCELLOSIS

Brucellosis is a zoonotic disease that can be related to climate change (little information is available in this regard, but the effect of several factors has been studied, for example, in spring and warmer seasons, the prevalence of brucellosis is higher than other months of the year Is) Brucellosis can cause great economic and health damage.



BRUCELLOSIS IN IRAN



Brucellosis is endemic in Iran and therefore it is necessary to adopt an approach to control and prevent it.

Iran is located in West Asia and is also the second largest country in the Middle East and has a significant livestock population. To date, large numbers of this disease are reported annually in both livestock and human populations. Brucella species have been found in various animals including cattle, sheep, goats, dogs, horses and camels in Iran and have been seen mostly in western Iran.

ONE HEALTH AND BRUCELLOSIS

One of the important approaches in preventing and controlling brucellosis is using One Health.

The One Health approach requires interdisciplinary and interdisciplinary efforts because veterinarians and physicians alone will not be able to control the disease, hence the need for an organized partnership between disciplines including veterinary medicine, medicine, ecology and ecology. Are health professionals and education specialists.

The lack of such cooperation in underdeveloped or developing countries has led to uncontrolled growth of Brucellosis, especially in populations exposed to livestock such as the rural population.



PREVENTION AND CONTROL OF BRUCELLOSIS



- Extensive livestock vaccination
- Isolation and removal of infected animals and livestock
- Increase health awareness and education to reduce occupational and food hazards, such as training in the use of pasteurized dairy products
- Development of diagnostic tests
- Development of extensive veterinary services

IN ORDER TO ACHIEVE A GOOD FRAMEWORK IN THE CONTROL AND PREVENTION OF BRUCELLOSIS WITH THE ONE HEALTH APPROACH IN IRAN, IT IS NECESSARY THAT VARIOUS ORGANIZATIONS, INCLUDING THE VETERINARY ORGANIZATION AND THE MINISTRY OF HEALTH AND MEDICAL EDUCATION, FORM COOPERATION IN THE FORM OF ONE HEALTH.