

International Journal of Multidisciplinary Research and Studies

Infectious Bronchitis ; A letter to Editor

Tahir Rasheed¹ and Muhammad Abubakar²

¹tahirrasheed4647@gmail.com , ²rabaniiia786@gmail.com

Faculty of Veterinary and Animal Sciences, MNS University of Agriculture, 25000, Multan
Pakistan

Dear Editor,

The poultry industry is the one of largest industries in Pakistan but unlucky it is facing a lot of problems. The purpose of this letter is to bring light to infectious Bronchitis and the method to control it. Infectious Bronchitis is a major disease in poultry It is a viral disease it spreads from bird to bird and it is a disease of the upper respiratory tract [1,2,3]. It is like the Human Coronavirus but Human Corona Virus was observed later in 2019 in Wuhan China [4,6] while avian coronavirus was observed many years ago. Infectious bronchitis is caused by Corona Virus which belongs to Corona Viridae. Corona viridae is very large group of viruses causing disease in human [5] as well as in birds. There are some major signs of infectious Bronchitis e.g plague in bronchioles, sneezing, coughing, and off feed. The main issue is that it is difficult to diagnose the disease without postmortem as some diseases have the same signs like gasping, sneezing and cough are also symptoms of Newcastle disease [7]. So for the confirmation of that disease postmortem is compulsory and we can also take help from the laboratory.

Control of Disease

In many pieces of research, it is clearly mentioned that viral diseases can be controlled by vaccines and biosecurity. So we should adopt a high level of biosecurity and follow a strict schedule of Biosecurity. Menthol spray can also be effective. The vaccination process should be on time and use all precautionary measures while doing vaccination, Supporting Therapy is recommended for sick birds [8]

Conclusion

The aim of this letter is to provide general info regarding the Avian Corona virus and also to provide some major methods to save birds from disease.

References:

1. Samad, A., Ahmad, H., Hamza, M., Muazzam, A., Ahmer, A., Tariq, S., ... & Muthanna, F. M. (2022). Overview of Avian Corona virus, its prevention and control Measures. BULLET: Jurnal Multidisiplin Ilmu, 1(01), 39-45.
2. Khera HURA, Samad A, Abbas A, Mehtab U, Rehman A, Hussain K, et al. Diagnosis, prevention and control strategies of infectious bronchitis virus. Sci Lett 2022; 10(1):16-20

International Journal of Multidisciplinary Research and Studies

3. Samad A, Abbas A, Mehtab U, Ur Rehman Ali Khera H, Rehman A and Hamza M . Infectious Bronchitis Disease in Poultry its Diagnosis, Prevention and Control Strategies. *Ann Agric Crop Sci.* 2021; 6(7): 1100.
4. Samad, A., Ahmad, H., Hamza, M., Muazzam, A., Ahmer, A., Tariq, S., ... & Muthanna, F. M. (2022). Overview of Avian Corona virus, its prevention and control Measures. *BULLET: Jurnal Multidisiplin Ilmu*, 1(01), 39-45.
5. Arif, S., Zia, T., Qayyum, Z., Mustafa, G., Ateeq, M., Farhad, S., ... & Muthanna, F. M. (2022). Prevalence and Risk Factors of Covid-19 Mortality and its Impact on Social Life of Pakistani Population. *Pakistan Journal of Medical & Health Sciences*, 16(03), 800-800.
6. Arif, S., Zia, T., Mustafa, G., Qayyum, Z., Ateeq, M., Faiz, M. J., ... & Ullah, I. (2022). Knowledge, Attitude and Practices of Medical Students Regarding Covid-19, Pakistan. *Pakistan Journal of Medical & Health Sciences*, 16(03), 783-783.
7. Abdul Samad, Muhammad Hamza, Ayesha Muazzam, Areeb Ahmer, Sania Tariq, Afeen Javaid, Muhammad Junaid Shahid, Waseem Akram, Muhammad Zain Kaleem, & Shehroz Ahmad. (2022). Newcastle Disease In Poultry, Its Diagnosis, Prevention And Control Strategies. *BULLET : Jurnal Multidisiplin Ilmu*, 1(01), 1–5.
8. Samad, A. ., Hamza , M., Muazzam, A. ., Ahmad, H. ., Ahmer, A. ., Tariq, S. ., Khera, H. U. R. A. ., Mehtab, U. ., Shahid, M. J. ., Akram, W. ., Kaleem, M. Z. ., Ahmad, S. ., Abdullah, A. ., & Ahmad, S. . (2022). Policy of control and prevention of infectious bursal disease at poultry farm. *African Journal of Biological, Chemical and Physical Sciences*, 1(1), 1-7.