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# LIST OF ABBREVIATION:

|  |  |
| --- | --- |
| **Symbols** | **Elaborations** |
| % | Percentage |
| > | Greater than |
| < | Less than |
| et al. | Et alii (And others) |
| FVM | Faculty of Veterinary Medicine |
| CVASU | Chittagong Veterinary and Animal Sciences University |

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# A study on prevalence of various diseases of cattle at

# Upazilla Veterinary Hospital, Sadar, Rangpur

# District, Bangladesh

**Abstract**

An investigation was undertaken to determine the general clinical prevalence of diseases and disorders in cattle at Sadar Upazilla Veterinary Hospital of Rangpur district during the period from 1st February 2018 to 29th March, 2018. A total of 113 cases were recorded and analyzed, where the number of cattle (calves, cows and bulls) were respectively. Diagnosis of each of the clinical cases was made on general examination, physical examination, clinical examination, microscopic examination and using common laboratory techniques. The animal diseases were categorized into four classes namely digestive, respiratory, urogenital and integumentary system on the basis of parasitic, bacterial, viral and others.. The diseases were diagnosed tentatively using anamnesis. Parasitic infestations were predominant for all species followed by multi-factorial (others), bacterial diseases respectively. The high prevalence of parasitic infection reported in cattle was 29.20% (33) whereas the malnutrition 8.84% (10), bloat 8.84% (10) and Diarrhoea 7.96% (9) respectively. Frequency of diseases according to age and sex elaborate that on the below 6 month are digestive (13), respiratory (8), urogenital (37) and integumentary(15) with the value of p(0.02,0.042) respectively.It may conclude that a number of diseases have been occurring in the Sadar Upazilla of Rangpur district and this report may help to develop control strategies against major diseases reported in this study.

**Key words:** Prevalence, Parasitic infection, Malnutrition, Bloat, Diarrhoea

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