**A CLINICAL INVESTIGATION ON PREVALENCE OF NAVEL ILL AND OTHER COMMON NON SURGICAL DISEASES IN DAIRY CALVES WHICH ARE ASSOCIATED WITH DIFFERENT RISK FACTORS SUCH AS AGE, SEX AND BREED IN CHITTAGONG REGION OF BANGLADESH**



**A CLINICAL REPORT**

**SUBMITTED AS PER APPROVED STYLE AND CONTENT**

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 **The Author**

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**ABSTRACT**

The objectives of this investigation was to identify the different risk factors like age, sex, breed which have occurrence to produce some non surgical common diseases in dairy calves at Chittagong region. Clinical investigation of a total of 301 calves, where 117 infected calves of both sexes (male & female), aged between <3 to >3 weeks, in different breeds(cross, HF and RCC) were obtained by using a preset questionnaire, by taking history of the patient, clinical examination and observing presenting clinical signs. The overall diseases were diarrhea (30%), anorexia (24.7%), fever (12%), naval ill (8.5%), conjunctivitis (7.7%), pneumonia (3.4%), joint ill (1.7%), and blot (12%). The case of diarrhea was higher (30%) than that of other diseases. The occurrence of diseases was higher in cross breed (70%) than HF (20.5%) and RCC (9.5%) where navel ill higher in cross breed (6%) than HF (1.7%) and RCC (0.8%). Cases of diseases were higher in male calves (53%) than that of female calves (47%) but the variation was insignificant (p>0.05) where prevalence of navel ill also higher in male calves (7.7%) than female calves (0.8%). The effect of age on diseases were found significantly (p<0.05) higher in < 3 weeks (74.8%) than that of > 3 weeks of age (25.2%) here prevalence of navel ill also higher in <3 weeks of age (6.8%) than >3 weeks of age (1.7%).The result demonstrate significant effect of breed, age and sex on the occurrence of diseases in calves.

**Key word:** Navel ill, Risk factor, Dairy calves.

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