**PREVALENCE OF DIFFERENT DISEASES OF DOG AT CENTRAL VETERINARY HOSPITAL, (CVH) DHAKA, BANGLADESH**

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**Report presented in partial fulfillment of the requirement for the degree of Doctor of Veterinary Medicine.**

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| A Report Submitted byRoll no: 08/07Intern ID No: A-04Reg. No: 350Session:2007-2008 |

**Faculty of Veterinary Medicine**

**Chittagong Veterinary and Animal Sciences University**

**Zakir Hossain Road, Khulshi, Chittagong-4225.**

**March, 2014**

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**Clinical Report Submitted as per approved style and content**

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**The Author**

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**Kabir M. N. and Saifuddin A. K. M. (2013). Prevalence of different diseases of dog at Central Veterinary Hospital, Dhaka, Bangladesh.**

**ABSTRACT**

A period of 2 months cross sectional prospective study was conducted at Central Veterinary Hospital, Dhaka to explore the prevalence of diseases in dog as well as to identify clinical features observed on that disease from May 2013 to July 2013. A total of 56 dogs were thoroughly examined with different clinical examination and data were recorded by using a pre-designed questionnaire. It was revealed that ectoparasitic infestation (32.14%) and bacterial diseases (28.6%) were more prominent than others such as metabolic and nutritional disorders (10.71%), viral diseases (7.14%), endoparasitic infection (7.14%), surgical cases (7.14%), immunological disorders (3.57%), fungal diseases (1.78%) and protozoal infection (1.78%). In case of ectoparasitic infestation, higher prevalence was observed in tick (16.07%) and in bacterial cases bronchitis (5.35%), diarrhoea (3.57%), urinary infection (3.57%) were more common. On endoparasitic cases, tapeworm and nematode infection and in case of viral, rabies and canine distemper were frequently occurred. Surgically, fracture and abscess prevalence was 3.57% which is higher than other surgical cases. Nutritionally, anemia, fatty syndrome, unthriftiness were as usual disease condition for dog. The overall prevalence of diseases on male and female were more or less similar (Male 51.7% and Female 48.3%). Old aged dogs and German Shepherd breed were mostly affected with diseases. These findings address the vaccination practice in dog, variation of dog management within different topography in Dhaka and socio economic condition of dog owners.

**Keywords:** Prevalence, Dog, Central Veterinary Hospital, Ectoparasitic infestation, Bacterial diseases.