**A COMPERATIVE STUDY ON PREVALENCE OF RABBIT DISEASES REGISTERED IN UPAZILLA VETERINARY HOSPITAL (BARISAL), MADRAS VETERINARY COLLEGE AND VC&RI, INDIA**

**A Clinical Report Submitted by**

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**Registration No.: 427**

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**January, 2015**

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A clinical report

 Submitted as per approved style and contents

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**The Author**

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**ABSTRACT**

Rabbits have been used as an experimental model in many diseases for the studies in biomedical molecular research. This study was conducted to know the prevalence of different diseases recorded in rabbit registered to Upazilla veterinary hospital (UVH) in Barisal. And the diseases seen in rabbits registered to a UVH in Bangladesh were compared with the diseases recorded in madras veterinary college & veterinary college (MVC) and research institution (VC&RI), India.

New Zealand Red, New Zealand White, New Zealand Black, Belgian White, Chinchilla, Dark Grey (Native), are available in Bangladesh. In the beginning the disease data were collected from the UVH of Barisal in February, March and April 2014 and they were compared with the diseases data recorded at Madras veterinary college and veterinary college and research institution (VC&RI), India. The duration of data collection from India was March through May 2014.

At the Barisal UVH the prevalent diseases and their prevalence (in percentage) were - **Skin Mange (**44.25%**)**, **Enteritis: Diarrhoea (18.0%), Malnutrition (**15.54%**), Abscesses (**9.76%**), Coccidiosis (**6.22%**), Pneumonia (**2.21%**), Accidental case (**2.01%**), Fungus Infection (**1.65%**), and Spirochetosis“Vent Disease” (**0.35%**).**

On the other hand the diseases and their prevalence percentages as were observed at the MVC and VC&RI, India, the prevalence of diseases are consequently - **Coccidiosis (**24.98%**), Skin Mange (**24.46%**), Enteritis: Diarrhea (**8.06%**), Abscesses (**7.59%**), Malnutrition (**5.73%**), Pneumonia (**5.58%**), Pastaurellosis “Snuffles” (**4.59%**), Salmonellosis “Scours” (**4.54%**) Haemorrhagic Disease (**4.25%**), Ringworm (**2.57%**), Spirochetosis “Vent Disease” (**2.12%**), Conjunctivitis “Weepy Eye” (**1.62%**), Accidental case (**1.20%**), Mastitis “Blue Breast” (**1.19%**), Ketosis (**0.44%**), Caked Mammary Gland (**0.44%**) Fungus Infection (**0.43%**), Heat Exhaustion (**0.22%**).**

**Key Word**: Bangladesh, Diseases, India, prevalence, Rabbit.