**STUDY ON PREVALANCE AND FIELD DIAGNOSIS OF FASCIOLIASIS IN RANGPUR SADAR**



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**CHITTAGONG VETERINARY AND ANIMAL SCIENCES UNIVERSITY**

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**A Clinical Report is submitted as per approved Style and Content**

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***The author***

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**STUDY ON PREVALANCE AND FIELD DIAGNOSIS OF FASCIOLIASIS IN RANGPUR, SADAR**

**Abstract**

The present study aimed at investigating the seasonal variation of occurrence of Fascioliasis in selected area and the prevalence of Fascioliasis at sadar in Rangpur district. The duration of the study was about 50 days (16.7.2012 to 6. 9.2012). This study was based on data from patient registrar book of UVH and my personal observation for seasonal variation and fecal examination for prevalence. Cases of Fascioliasis were the highest in autumn 21.0% and the lowest in summer season 6.0% of the total fascioliasis case recorded on year of 2011 at UVH. In another observation of prevalence study out of total 90 fecal samples tested, 55 were found positive for *Fasciola* infection. Out of 55 cases, affected females were 32 and the affected males were 23. During this study, the prevalence of Fascioliasis was 61.1%, out of the positive cases in case of female prevalence was 54.2 % and in case of male prevalence was 74.1%.

**Key words:** *Fasciola gigantica.,* Seasonal variation, Prevalence, Fecal examination, Rangpur, sadar.

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