**Table of Contents**

|  |  |
| --- | --- |
| **Contents** | **Page no.** |
| **List of tables**  | **II** |
| **List of Graphs** | **II** |
| **List of figures** | **III** |
| **List of abbreviation** | **III** |
| **Abstract** | **IV** |
| **Chapter 1: Introduction** | **1-2** |
| **Chapter 2: Materials and Methods** | **3-4** |
|  **2.1 Place and Duration of the Study** | **3** |
|  **2.2 Selection of the Cases** | **3** |
|  **2.3 Clinical Examination** | **3** |
|  **2.4 Diagnosis** | **3** |
|  **2.5 Data Analysis** | **4** |
| **Chapter 3:Results**  | **6-11** |
| **Chapter 4:Discussion** | **12-13** |
| **Limitations** | **14** |
| **Conclusion** | **15** |
| **References** | **16-17** |
| **Acknowledgement** | **18** |
| **Biography** | **19** |

**List of Tables**

|  |  |
| --- | --- |
|  **Contents** | **Page no.** |
| **Table 1.** Clinical prevalence of diseases and disorders of cattles at upazilla veterinary hospital, Debidwar, Comilla(n=35). | **8** |
| **Table 2**. Clinical prevalence of diseases and disorders of cattles according to sex at upazilla veterinary hospital, Debidwar , Comilla (n=35). | **8** |
| **Table 3**. Clinical prevalence of diseases and disorders of cattle according to age at Upazilla Veterinary Hospital, Debidwar, Comilla (n=35). | **9** |
| **Table 4**. Clinical prevalence of diseases and disorders of goats at the Upazilla Veterinary Hospital, Debidwar, Comilla (n=67). | **10** |
| **Table 5**. Clinical prevalence of diseases and disorders of goat according to sex at Upazilla Veterinary Hospital, Debidwar, Comilla (n=67). | **10** |
| **Table 6**. Clinical prevalence of diseases and disorders of goat according to age at Upazilla Veterinary Hospital, Debidwar, Comilla (n=67). | **11** |

**List of Graphs**

|  |  |
| --- | --- |
|  **Contents** | **Page no.** |
| **Graph 1**. Overall prevalence of different diseases and disorders of cattles and goats (n=102). | **6** |
| **Graph 2.** Prevalence of different diseases according to categories of diseases (medicinal and surgical) of cattles and goats (n=102). | **7** |
| **Graph 3**. Prevalence of different diseases according to sex of cattles and goats (n=102) | **7** |

**List of Figures**

|  |  |
| --- | --- |
|  **Figures** | **Page no.** |
| **Figure 1:** Dermatitis in Cattle (Alopecia)  | 4 |
| **Figure 2:** PPR in Goat (Stomatitis) | 4 |
| **Figure 3:**Mastitis in Goat(Gangrenous )  | 5 |
| **Figure 4**:Navel Abscess in Calf (Pus found) | 5 |
| **Figure 5:**Myiasis in Calf (Umbilical region)  | 5 |
| **Figure 6:**FMD in Cattle (Stomatitis) | 5 |

**List of abbreviations**

|  |  |
| --- | --- |
| **Abbreviation** | **Elaboration** |
| **DLS** | Department of Livestock Services |
| **PPR** | Paste des Petits Ruminants |
| **FMD** | FOOT and Mouth Disease |
| **GDP** | Gross Domestic Product |
| **UVH** | Upazilla Veterinary Hospital |
| **n** | Number |

**ABSTRACT**

 The study was undertaken to determine the general clinical prevalence of diseases and disorders in cattle and goats at the Upazilla Veterinary Hospital, Debidwar, Comilla during the period from 01.03.17 to 06.04.17 and from 05.07.17 to 03.08.17. A total of 102 clinical cases (35 cattle and 67 goats) were recorded and analyzed. Diagnosis of each of the clinical cases were made on general examination, physical examination, clinical examination and microscopic examination. Among 102 cases,34.31% and 65.69% cases were found in cattles and goats respectively. Among them 68.63% cases were medicinal and 31.37% cases were surgical. Clinical examination detected 13 different types of diseases and disorders in cattles.Whereas,14.29% FMD,17.14% Dermatitis,8.57% Mastitis,8.57% Fasciolosis,2.86% Paramphistomiasis,8.57% keratoconjunctivitis,5.71% Papillomatosis,8.57% abscess,5.71% Myiasis,2.86% Acidosis,2.86% Castration,5.71% Wound and 8.57% Calf scour were found in cattles. Adult males(54.23%) are more affected than young females(45.77%). Clinical examination also detected 11 different types of diseases and disorders in goats.Whereas,38.81% PPR,2.99% Mastitis,1.50% Fasciolosis,1.50% Paramphistomiasis,1.50% keratoconjunctivitis,2.99% abscess,4.48% Myiasis,7.47% Acidosis,26.87% Castration,1.50% Wound and 10.45% Dog biting cases were found in goats. Males(68.66%) are more affected than females(31.34%) and youngs (76.12%) are more affected than adult(23.88%) goats. It may conclude that a number of diseases have been occurring in the Debidwar upazila and this report may help to develop control strategies against major diseases reported in this study.

**Key Words: Prevalence, diseases, cattle, goat**