**TABLES, FIGURES AND GRAPH CONTENTS**

**CONTENTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chapter No.** | **Name of Chapter** | **Titles** | **Sub-Titles** | **Page No.** |
| **List of Tables** | **iii** |
| **List of Figures** | **iv** |
| **List of Abbreviations** |  |
| **Abstract** |
|  |  |
|  | 01-03 |
| **CHAPTER I** | **Introduction** |  |  |
| **CHAPTER II** | **Materials and Methods** | 2. 1. Area and Study Population |  | 04 |
| 2. 2. Study design |  | 04 |
| 2. 3. Questionnaire design and Data collection |  | 04 |
| 2. 4. Case Identification |  | 05-06 |
| 2.5. Prophylactic efficacy: |  | 06 |
| 2.6. Treatment effect |  | 06 |
| 2.7. Data Analysis |  | 07 |
| **Clinical pictures** |  | 08-09 |
| **CHAPTER III** | **Results** | 3. 1. Species of animals investigated |  | 10 |
| 3. 2. Comparative risk factors | 3. 2. 1. Risks of myiasis in relation to Breed, age and sex  | 11-12 |
| 3. 2. 2. Comparison between species of domesticated animals and frequency of larvae (myiasis) | 12 |
| 3. 2. 3. Myiasis according to pre-disposing factors | 12 |
| 3. 2. 4. Comparison of myiasis among cattle, goat and sheep according to pre-disposing factors | 13 |
| 3. 2. 5. Myiasis according to affected body regions | 15 |
| 3. 2. 6. Comparison of myiasis among cattle, goat and sheep according to affected body region | 15 |
| 3. 2. 7. Comparison Treatment followed, Treatment efficacy and post-treatment complications in different species | 15-16 |
| **CHAPTER IV** | **Discussion** |  |  | 17-18 |
| **CHAPTER V** | **Limitations** |  |  | 19 |
| **CHAPTER VI** | **Conclusion** |  |  | 20 |
| **CHAPTER VII** | **References** |  |  | 21-23 |
| **ANNEX I** | 24-26 |
| **Acknowledgement** | 27 |
| **Biography** | 28 |

**ii**

**TABLES**

|  |  |  |
| --- | --- | --- |
| **Table No.** | **Name of Tables** | **Page No.** |
| **01.** | Association between different variables with the presence of larva causing myiasis in goats tested using Chi square test | 11 |
| **02.** | Comparison of myiasis among goat, cattle and others according to pre-disposing factors | 13 |
| **03.** | Comparison of myiasis among goat, cattle and others according to affected body region | 14-15 |
| **04.** | Comparison Treatment followed, Treatment efficacy and post-treatment complications in different species | 15-16 |

**FIGURES AND GRAPH**

|  |  |  |
| --- | --- | --- |
| **Figure No.** | **Name of the figures** | **Page No.** |
| **01.** | Schematic representation of the study design | 05 |
| **02.** | Study areas on which myiasis cases were investigated | 10 |
| **03.** | Comparison of animal species selected for positive myiasis cases. | 11 |
| **04.** | Risk of myiasis in relation to breed, age and sex. | 12 |
| **05.** | Myiasis in Cattle, goat and sheep. | 12 |
| **06.** | Comparison of myiasis between cattle and goat according to pre-disposing factors | 13 |
| **07.** | Comparison of myiasis between cattle ,goat and sheep according to affected body region | 15 |
| **08.** | Comparison of the Treatment followed, Treatment efficacy and post-treatment complications in different species | 16 |

**iii**

**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| SAQTVH | SAQ Teaching Veterinary Hospital at Chittagong Veterinary and Animal Sciences University |
| UVH | Upazilla Veterinary Hospital, Manirampur, Jessore |

**iv**