**A REPORT ON**

**Prevalence of different skin diseases of dog in Madras Veterinary college(MVC),Chennai.**

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**For partial fulfillment of the requirement for the degree of Doctor of Veterinary Medicine**

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**November, 2014**

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**A clinical report submitted as per approved style and content**

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**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **SL No.** | **CHAPTER** | **NAME OF CONTENTS** | **PAGE NO.** |
| 1 |  | ACKNOWLEDGEMENT | I |
| 2 |  | ABSTRACT | II |
| 3 | I. | INTRODUCTION | 1-3 |
| 4 | II | REVIEW OF LITERATURE | 4-7 |
| 5 | III | MATERIALS AND METHODS | 8-13 |
| 6 | IV | RESULTS | 14-19 |
| 7 | V | DISCUSSION | 20-21 |
| 8 | VI | CONCLUSION | 22 |
| 9 |  | LIMITATIONS | 23 |
| 10 |  | REFERENCES | 24-25 |

**List of the figures and graphs**

|  |  |  |
| --- | --- | --- |
| **Figures.** | **Title** | **Page No.** |
| 01 | Map of working area Madras Veterinary College (MVC) | 8 |
| 02 | Demodecisis | 12 |
| 03 | Erythemic lesion | 12 |
| 04 | *demodex canis* | 12 |
| 05 | Allergic dermatitis | 12 |
| 06 | Tape impression slide | 12 |
| 07 | Allergic dermatitis | 12 |
| 08 | Recurrent pyoderma | 13 |
| 09 | Food allergic dermatitis | 13 |
| 10 | Tick infestation | 13 |
| 11 | Erythematous lesion | 13 |
| 12 | Bilateral alopecia | 13 |
| 13 | Diseases observed in the affected dogs | 15 |
| 14 | Diseases according to breed of dogs & its prevalence | 16 |
| 15 | Age wise distribution of diseases and disorders in dog & prevalence | 18 |

**List of the Tables**

|  |  |  |
| --- | --- | --- |
| **Table no.** | **Title** | **Page No.** |
| 01 | Diagnostic procedures performed to investigate dermatological problems in 44 animals seen in general practice | 11 |
| 02 | Different breeds presented in the Madras Veterinary College | 14 |
| 03 | Different diseases presented in the Madras Veterinary College | 15 |
| 04 | Skin diseases prevalence on the basis of breeds | 16 |
| 05 | Skin diseases prevalence on the basis of age | 17 |
| 06 | Age wise distribution and prevalence of disease in dog. | 18 |
| 07 | Skin diseases prevalence on the basis of sex | 19 |

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**I**

**Mamun.A.A and Pradhan .M.A.(2014) Prevalence of different skin diseases of dog in Madras Veterinary college(MVC),Chennai.**

**ABSTRACT**

A period of 15 days cross sectional prospective study was conducted at Madras Veterinary College (MVC), Chennai to explore the prevalence of diseases in dog as well as to identify clinical features observed on that disease from 3 July 2014 to 17 July 2014. A total of 44 dogs were thoroughly examined with different clinical examination and data were recorded by using a pre-designed questionnaire. It was revealed that 35 dogs are adult. Out of 35 dogs 22 dogs are male and 13 dogs are female. Total 9 puppies were brought. Out of 9 puppies 5 are male and 4 are female. The dogs were categorized with 0-2 years, 2-3 years and more than 3 years. Mostly the older aged dogs were affected with different diseases (50%), 0-2 years aged dogs (18.18%),2-3 years (31.81%). Tick infestation were very common(31.38%), pyometra(15.90%), soft tissue swelling(2.27%), prostatic abscess(2.27%), maggot wound(2.27%), purulent lesions(4.54%), ehrlichiosis(9.09%), edema(6.81%),pustules(2.27%), erythrymatous lesion(2.27%), alopecia(2.27%), pyoderma(2.27%), demodecosis(4.54%) . Diagnostic procedures performed to investigate dermatological problems in 44 animals seen in general practice. Hematology/biochemistry has done in 18 dogs, Skin scrapings in12, Cytology in 2, Bacterial culture and sensitivity in 2, Radiography in 2 and Food trial in14 dogs. It is observed that the overall prevalence of diseases on male and female were similar (Male 50% and Female 50%). Males were mostly infested with ectoparasites (tick, mite, fly, flea) and affected with demodecosis, hard mass, pustules, erythrymatous lesion. On other hand, females were infected with tick and mite infestation, alopecia, pyometra, Maggot wound, Corneal itching etc. Native/Non descriptive breeds were mostly infected with various skin diseases (36.36%). Tick infestation, Pyometra were more prominent and more frequently observed on that breed. Other affected dogs were Pug (11.36%), Spitz (11.36%), Boxer (9.09%), Pekingese (6.81%), Doberman (4.54%), Dalmatian (4.54%), Dachshund (4.54%).

**Key words:** **Prevalence, Questionnaire, Tick infestation, Skin scraping, Demodecosis**

**II**