# A Study on Rearing and Management of Pet Dog in Chittagong Metropolitan Area

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**Abstract**

Pet dog is one of the best companion animal which is domesticated more than 10,000 years ago. The study was conducted on twenty pet dog owners in different Thana of Chittagong Metropolitan area from 18th September to 20th October to observe the rearing and management of pet dog and to determine the present status of scientific management in pet dog rearing system in this area. Approximately 75% owner had separate pen for their pet dog, around, 80% owner followed their specific feeding schedule and strategy, 45% owners gave commercial food, kichuri, vegetables, loaf and milk which is more balanced and nutritious than other foods. In addition,50% owners cherished to get puppies had a trend to serve their bitch with local breeds which will reduce the inheritance of good genetic character in the subsequent generation. . Data analysis reveals about 90% pet dog had undergone vaccination and 95% pet dog had taken anthemintics. The findings created a sense that most of the pet owner in Chittagong Metropolitan Area follow vaccination and deworming schedule of pet dog. Nail trimming was carried out by the employed personnel in 65% pet dog. But owner is not willing enough to trim nail by registered veterinarian. Skin lesions last six months was recorded in only 23% pet dogs which denotes hygienic condition of feeder and drinker, drainage system and outside of dog pen was satisfactory. The change in regular food item is undertaken by the 45% percent owner which would cause incapability to pet dog to digest and metabolize a variety of nutritious food items rather than specific foods. Pet dogs did not have any health sound certificate. It indicates pet dogs were not bought from a certified local breeder company. The findings of the report did not make a significant correlation with the occurrence of diseases in hospitalized dog and the previous mortality in the dog population. The study may assist the development of new research arena on rearing and management of pet dog in big cities and towns in Bangladesh. In addition, it will

alleviate drawbacks in pet dog rearing by giving necessary information to the higher authorities.

***Key word:*** Rearing, Management, Pet dog, Chittagong Metropolitan Area