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**A Study On Prevalence Of Sub Clinical Mastitis in jamunapari goat in Chittagong metropolitan area**

**Chittagong Veterinary and Animal Sciences University.**

**Abstract**

This study investigated the current status of sub clinical mastitis in jamunapari goat in 36jamunapari doe at Chittagong metropolitan area over a one-month period. The prevalence of sub clinical mastitis was assessed by the results of physical examinations of the mammary gland and by California Mastitis Test (CMT),White Slide Test(WST)Surf Field Mastitis Test (SFMT) from a total of 72 quarters. The samples were randomly collected from udders apparently normal and those affected by sub clinical mastitis. The overall prevalence of SCM during the study period was estimated to be 38.42%. The goat-based prevalence positive quarter was CMT-38.88%,WST-38.88%,SFMT-37.5% respectly .The prevalence of sub clinical mastitis was higher in high yielding jamunapari doe 53.57% , mediun 37.50%, low 25%. The prevalence of sub clinical mastitis was higher in pregnant doe (48.88%) than fresh doe (28.28%) .The dairy goat of >3years aged were most susceptible to sub clinical mastitis than <3 aged goat .The prevalence of sub clinical mastitis was higher in parity (4-next) 44.44% than the parity(1-3) (32%) .Sub clinical mastitis prevalence was higher (47.36%) in doe with a history of periparturient disease compared to goat without any historyof periparturient disease (29.41%).

Key Words: Mastitis, Califonia Mastitis Test, White Slide Test ,Surf Field Mastitis Test

A STUDY ON PREVALENCE OF SUB CLINICAL MASTITIS IN JAMUNAPARI GOAT IN CHITTAGONG METROPOLITAN AREA



A Clinical Report Presented for Partial Fulfillment of the Requirement of the Degree of Doctor of Veterinary Medicine

**A Report submitted by**

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**A Clinical Report Submitted as per approved styles and contents**

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