

PREVALENCE OF INFLAMMATORY CONDITIONS OF UPPER GASTRO-INTESTINAL TRACT OF THE CAMEL (*Camelus dromedarius*) IN WESTERN RAJASTHAN

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ABSTRACT

The present investigation was carried out to study the prevalence of various inflammatory conditions which affect the upper gastro-intestinal tract of camel from February 2014 to January 2015, in western Rajasthan. During this period, postmortem examination of 246 camels were conducted and samples of the upper gastro-intestinal tract of camel irrespective of age, sex and breed were collected and examined grossly. Samples showing frank macroscopic lesions were used for further histopathological examination by paraffin embedding using acetone and benzene technique. The prevalence of inflammatory conditions in upper gastro-intestinal tract was 20.32%. The incidence of various inflammatory conditions was observed as chelitis (6.0%), gingivitis (10.0%), stomatitis (8.0%), glossitis (4.0%), pharyngitis (4.0%), oesophagitis (4.0%), acute rumenitis (28.0%), acute reticulitis (6.0%), chronic reticulitis (8.0%) and abomasitis (22.0%), respectively. In the whole investigation, the most common findings reported were acute rumenitis and abomasitis.

Key words: Camel, gastro-intestinal tract, inflammatory conditions, Rajasthan