Oral Papilloma in a Dog - A Case Report

V. Kumar¹, N. Pazhanivel, K. Gopal and S. Kokila

Department of Veterinary Pathology, Veterinary College and Research Institute, Tirunelveli - 627 358.

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Abstract
An eight month old male Non-descript dog was presented at the Teaching Veterinary Clinical Complex, Veterinary College and Research Institute, Tirunelveli with the history of pedunculated cauliflower like growth on the left lateral commissure of the mouth. Clinical examination revealed a firm gray white mass on the left lateral commissure of the mouth. Cytological examination revealed individual to multiple benign clusters of squamous cells. On histopathological examination revealed the growth was confirmed as papilloma.

Key words: Dog, papilloma, cytology, pathology

The present paper reports a papilloma in a Non-descript dog.

Materials and Methods
An eight month old male Non-descript dog was brought to the Teaching Veterinary Clinical Complex, Veterinary College and Research Institute, Tirunelveli-627 358 with the history of a pedunculated cauliflower like growth on the left oral commissure of the mouth (Fig.1) since past 15 days. The growth did not cause any pain on palpation. Fine needle aspiration biopsy (FNAB) was taken from that mass and stained with Lesihmen-Giemsa (L&G) companied stain. The mass was surgically excised and fixed in formalin. The paraffin embedded tissue sections were stained with haematoxylin and eosin (H&E).

Results and Discussion
Cytological examination revealed individual to multiple benign clusters of squamous cells. This finding concurred with earlier reports of oral papilloma in a kid, as described by Shiju Simon et al. (2014). Microscopical examination of the mass revealed papillary projections and contained many multiple layers of prickle cells with fibrovascular connective tissue core and hyperkeratosis was also observed is in accordance with earlier work of Kumar (2009) who reported that papillomas showed finger like projections contained 3 to 10 layers of hyperkeratinized epithelial cells with fibrovascular core and nuclei were vesicular having solitary nuclei. Based on cytological, gross and histopathological examination, the growth was confirmed as oral papilloma.

References

¹Corresponding author : Email : drkumar2000@gmail.com

Fig 1. Non-descript dog-Papilloma-pedunculated cauliflower like growth on left commissure of the mouth.