

Article

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CLASSIFICATION AND CLINICAL SIGNIFICANCE OF PAPILLOMAVIRUS INFECTION IN DOMESTIC CATS

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Abstract

During the last decades, the infection with papillomavirus in domestic cats gained interest from the veterinary community due to its significant impact on the companion's animal's health. Therefore, in this review, we aim to present a concise classification of feline papillomaviruses and their clinical relevance in domestic felines. Initially, the different types of papillomaviruses affecting domestic cats are described. Here, we emphasize the molecular diversity and transmission ways to better understand each virus type and its clinical implications. Furthermore, we explore the clinical importance of papillomavirus infections, analyzing their various manifestations such as skin or oral lesions. We outline the signs and symptoms of these infections, shedding light on the oncogenic mechanisms used by the virus. The knowledge gained from this analysis holds the potential to refine veterinary medical practices, enabling the effective management of this condition and ultimately enhancing the overall quality of life for our feline companions.

Key words: Feline papillomavirus, molecular biology, skin and oral lesions, classification
