



Clinical Findings of Eosinophilic Keratoconjunctivitis in Horses

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Introduction

Eosinophilic keratoconjunctivitis (EKC) is an immune-mediated disease of the cornea and conjunctiva of the equine eye. The aim of the study was to analyse the clinical records of horses diagnosed with EKC between 2012 and 2020 at a private equine hospital in Germany.

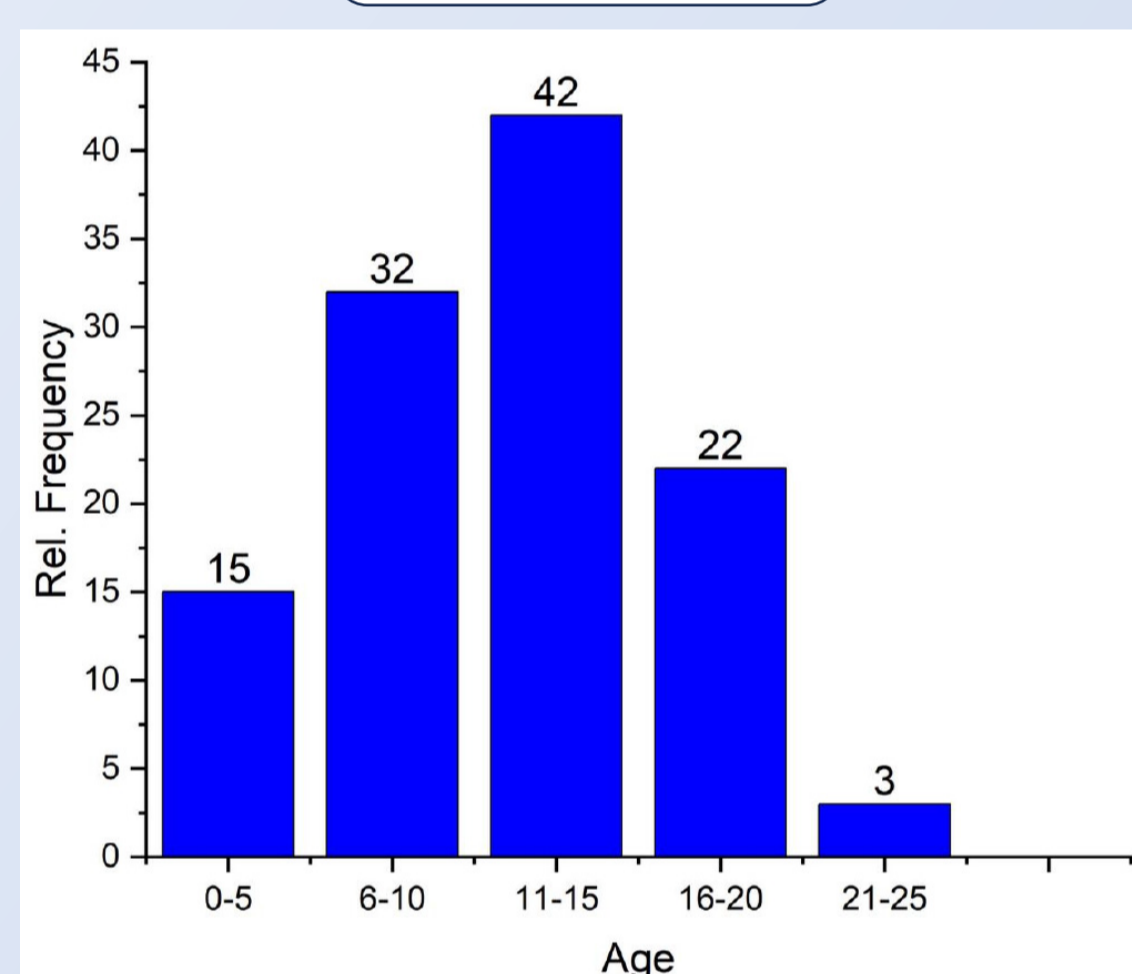
Materials and Methods

N=114. Retrospective data analysis included age, breed, gender, year and month of admission, affected part of the eye, clinical signs, laboratory results, presence of secondary infections, treatment, recovery time, and recurrences.

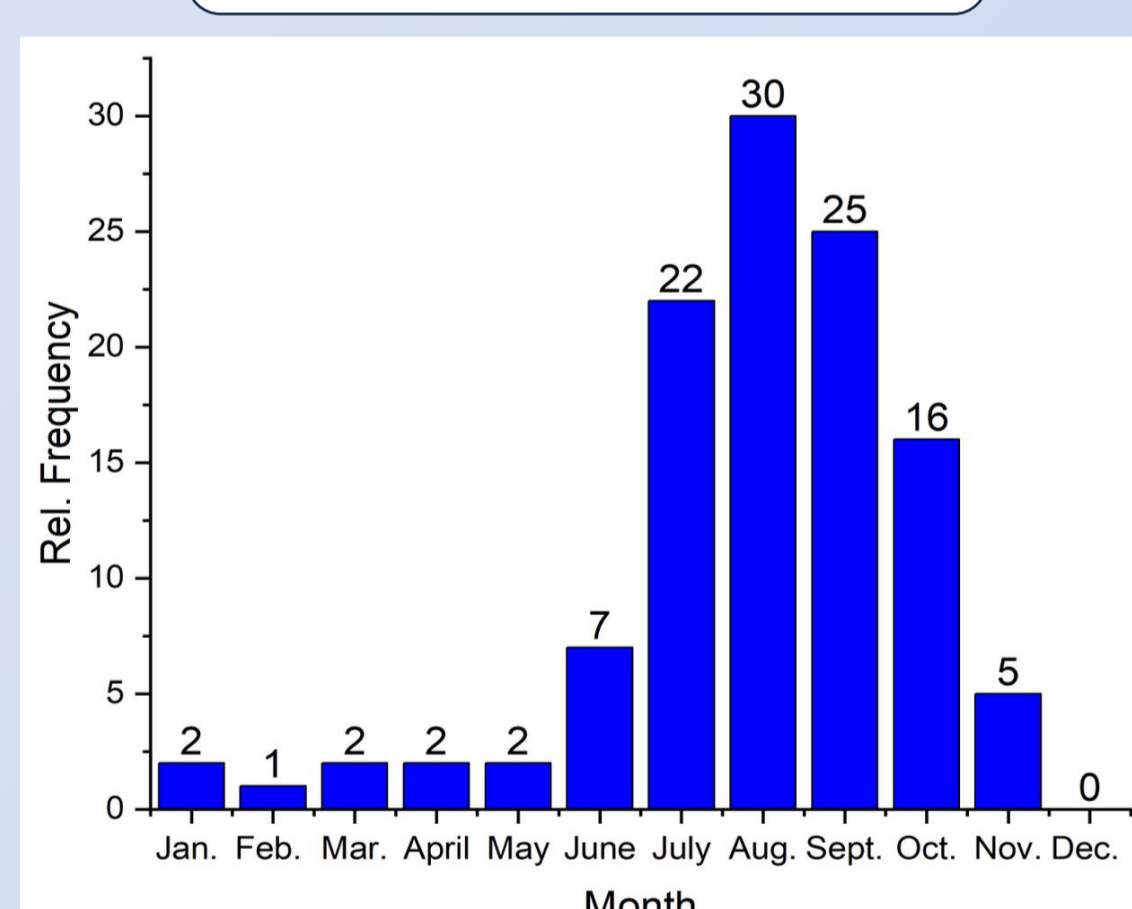
Results

Clinical Forms/Classification

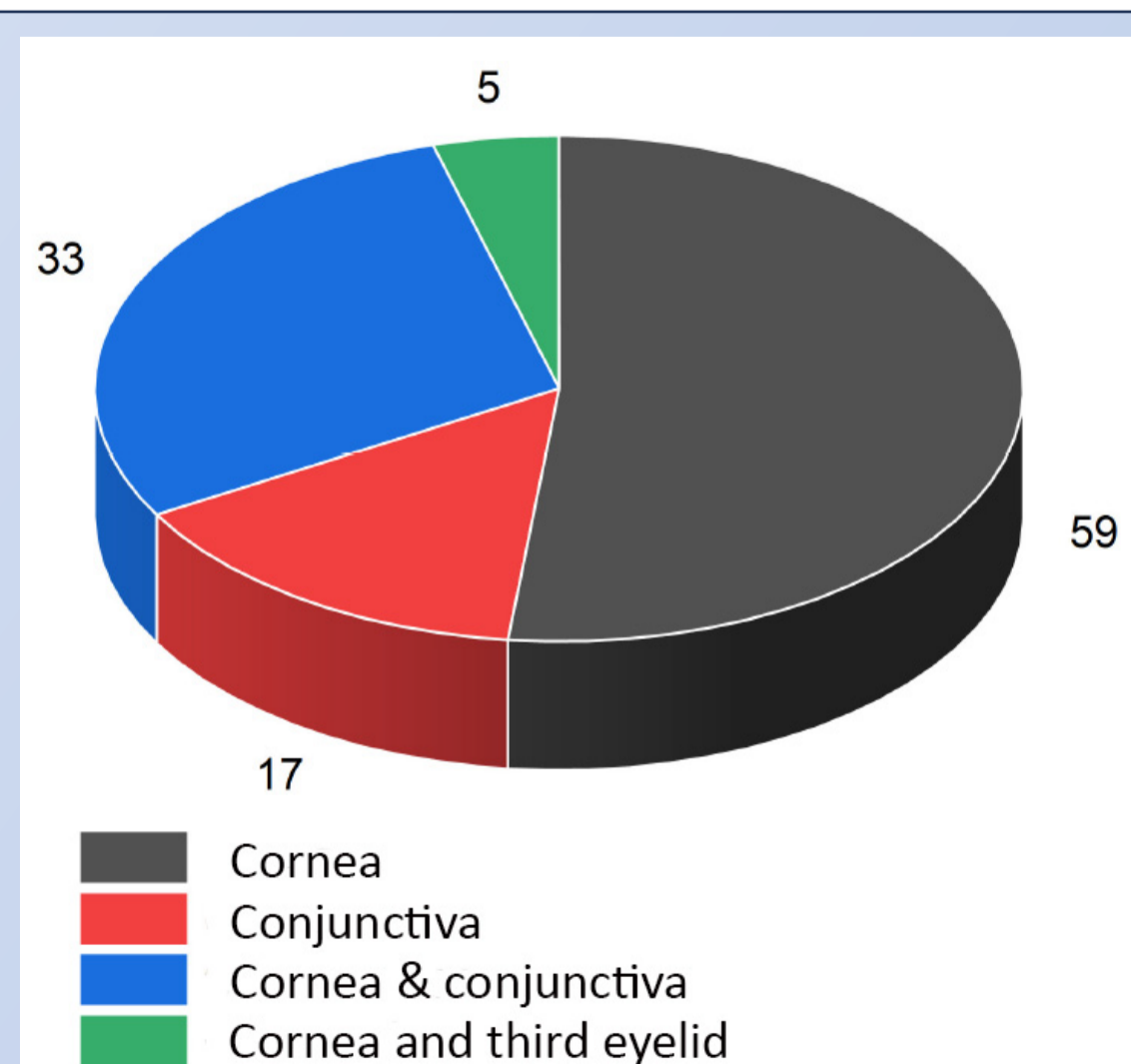
Age



Seasonality



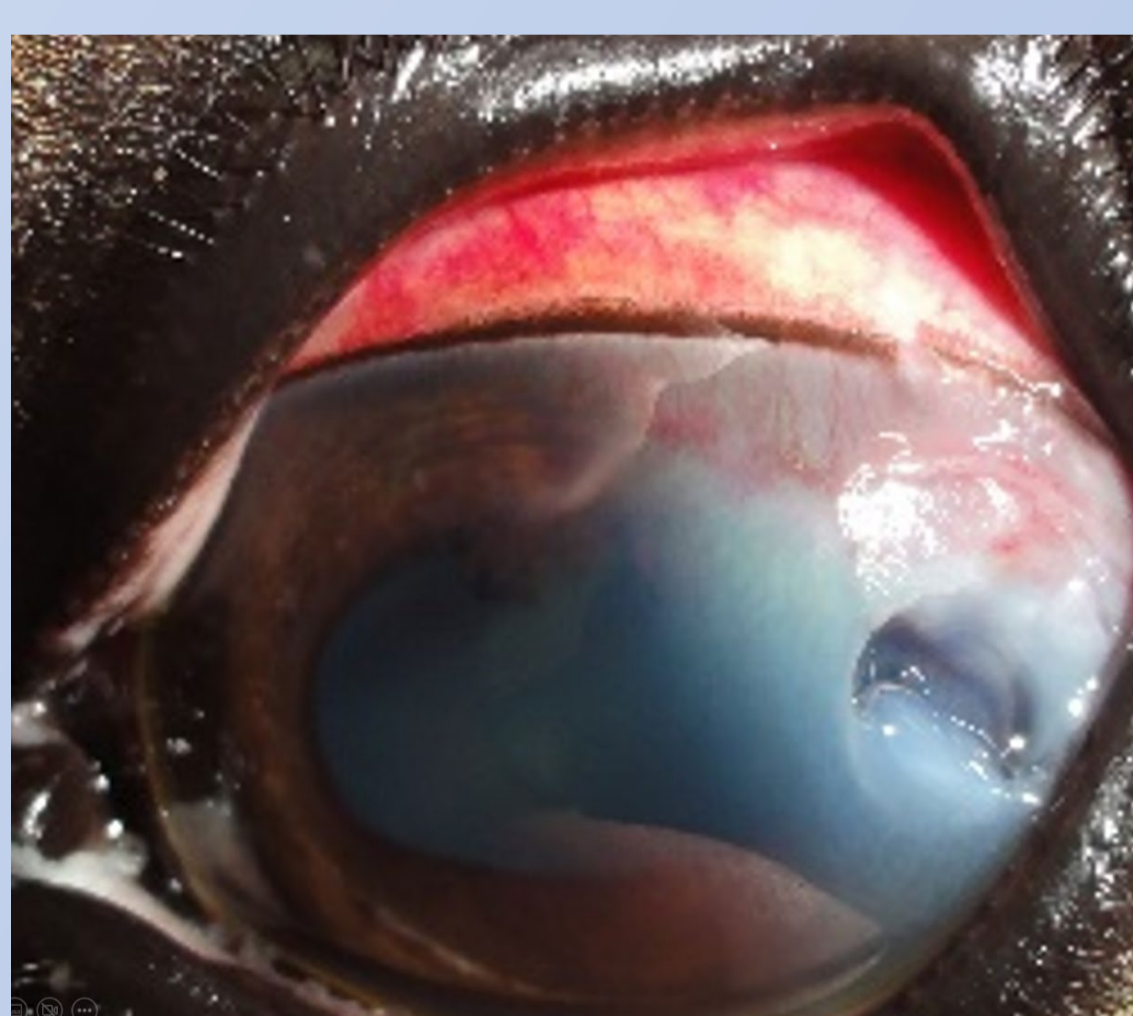
Anatomical location



Eosinophilic conjunctivitis



Granulomatous EKC



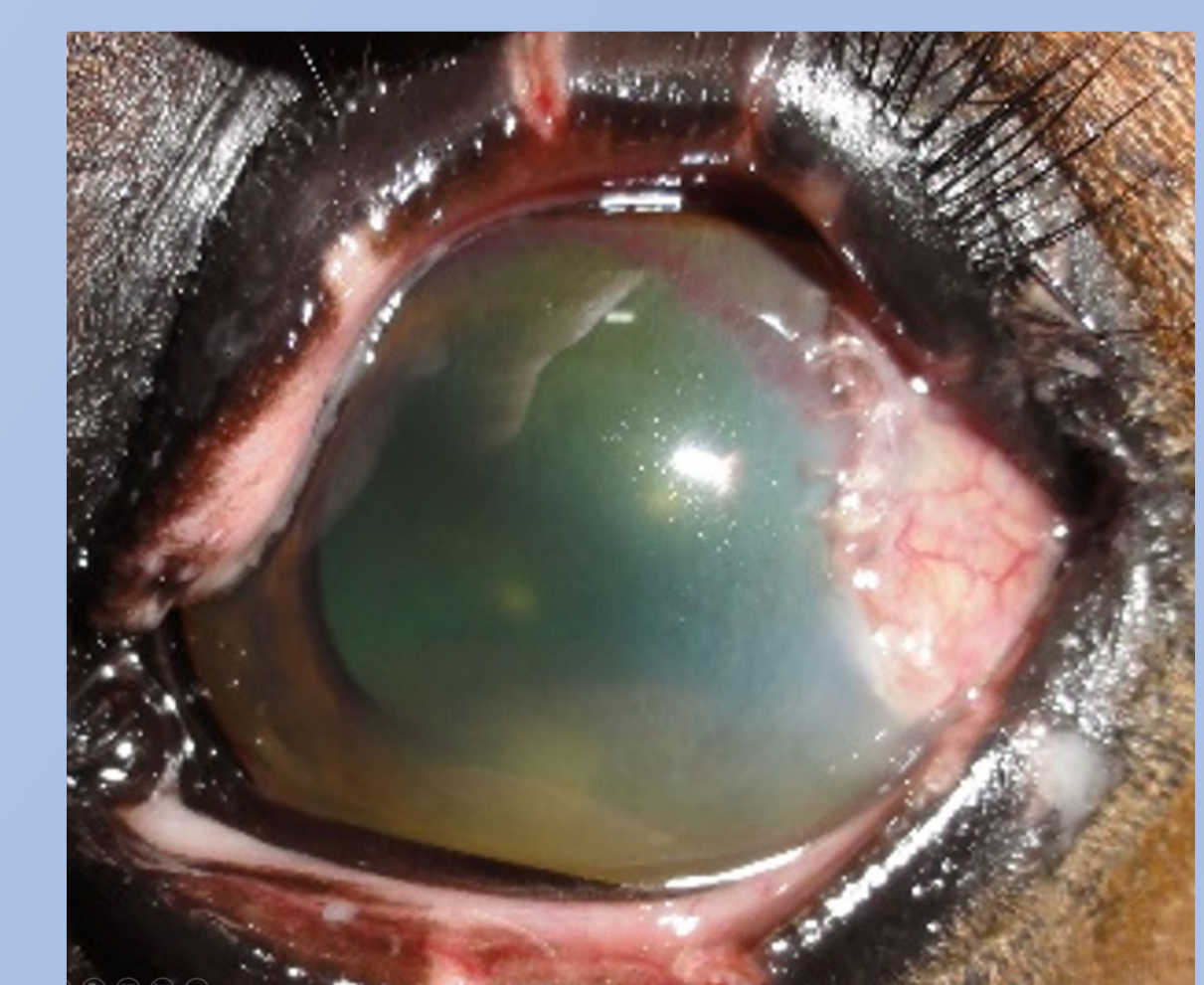
Ulcerative EKC



Pseudomembranous EKC

Treatment

Individual, multimodal



Conclusions

EKC is an emerging ocular disease with variable clinical manifestations. Successful treatment often requires individualisation, and a multimodal approach.