Adult Male
Chihuahua

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Signalment & Clinical/Gross Lesions

- Adult Male Chihuahua
- From an animal shelter in Pennsylvania
- Right eye, dorsal aspect: smooth darkly pigmented outpouching of the globe
- Corneal edema
- Epiphora and tear staining
Paraffin embedded bisected globe
Morphologic Diagnoses

• Corneal stromal defect and ectasia (staphyloma), with iris prolapse and broad anterior synechia, Descemet’s membrane rupture, corneal stromal edema and corneal endothelial attenuation

• Corneal epithelial hyperplasia and cornification with lymphoplasmacytic inflammation, and neovascularization, focally extensive, chronic (exposure keratitis)

• Retina, peripheral cystoid degeneration

• Conjunctiva, lymphoplasmacytic inflammation, diffuse, chronic, mild to moderate (conjunctivitis)
Theory on cause
Questions?
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