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**Poster presentation**

**A case of intraocular linear foreign body in a cat**

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**Abstract**

Intraocular foreign bodies are a common result of penetrating ocular trauma. These objects can be found in a variety of ways, making clinical diagnosis difficult. They are characterized by a series of clinical findings related to the type of foreign body, entry point and the presence of secondary infection. They often occur in the small intestine, causing perforation, peritonitis and death, while intraocular location is very rare in cats. Early diagnosis and removal of the foreign body are important to determine the outcome of treatment. In this case report, a 3-year-old male cat has been reported to have a linear foreign body penetrating through the oral cavity and coming out of the eye, causing lenticular and corneal perforation. A metal needle that facilitated the progression of the infection was seen entering the eye through the oral cavity. Ophthalmic examination revealed corneal perforation and edema, hyphemia, uveitis, miosis, lenticular perforation. The foreign body was carefully removed with slow movements, the anterior segment was cleaned and the corneal perforation was closed with simple sutures with 8/0 polyglactin 910 suture material. After postoperative topical and systemic medical treatment, vision was restored. In this case, the clinical presentation, etiology and treatment of an unusual intraocular linear foreign body that resulted in lenticular and corneal opacity in a cat were evaluated.

**Keywords:** Intraocular, cat, perforation, trauma, foreign body

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