



Nuclear sclerosis



Anterior lens luxation

varying degrees of cataract formation, the presence of degenerate vitreous material within the pupillary opening and/or anterior chamber and decreased or elevated IOP. Changes may be chronic or acute. Commonly affected breeds include multiple terrier breeds (Sealyham, Jack Russell Wire Haired Fox & miniature bull Terrier) & the Australian Cattle Dog. Subluxated lenses may be managed either medically or, more commonly, by surgical removal. The long term use of a miotic agent in the contralateral eye may be indicated in an effort to prevent similar pathology from developing. Complete anterior lens luxation is most appropriately addressed via surgical intracapsular lens extraction (ICLE) and limited automated vitrectomy.

**Feline Post-Traumatic Ocular Sarcoma (FPTOS)** represents a malignant intraocular neoplasm, which may develop following severe inflammation and/or traumatic injury to the ocular structures (particularly the lens). Neoplastic changes typically take several years to develop. FPTOS encompasses several morphological variants, all of which are associated with the significant potential for extraocular extension and/or distant metastasis. Clinically, changes are typically unilateral and may include corneal edema, keratitis, corneal ulceration, uveitis, iridal thickening and/or dyscoria, the presence of an intraocular mass, hyphema, retinal detachment, glaucoma and/or exophthalmos. The diagnosis of FPTOS is made based on clinical findings in conjunction with history. Soft tissue imaging modalities including B-mode ultrasonography, computed tomography (CT) and/or magnetic resonance imaging (MRI) may contribute to the clinical diagnosis, which is confirmed histologically either by biopsy or following enucleation/exenteration. As a result of the potential or the development of FPTOS, chemical ciliary body ablation (CBA), in order to manage glaucoma, is generally discouraged in cats. **P**

Dr Esson is a board-certified veterinary ophthalmologist with more than twenty years of clinical experience and multiple areas of interest & expertise. His clinic Veterinary Ophthalmic Consulting ([www.veterinaryophthalmicconsulting.com](http://www.veterinaryophthalmicconsulting.com)) is family owned & operated and he takes great pride & pleasure in working closely with his friends and colleagues in the greater Southern California veterinary community.



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