

## Ophthalmology

Veterinary Ophthalmology encompasses the examination and treatment of eyes in all species. We have a Royal College certified Ophthalmologist and highly equipped diagnostic and surgical equipment to aid treatment of eye problems.



The eye is a highly specialised organ capable of focusing and integrating light waves, forming an organised visual picture. This is achieved by a combination of highly specialised structures, namely a clear cornea and lens, a functional retina and transparent media in between (aqueous and vitreous humours). Examination of these structures is achieved using various pieces of sophisticated equipment, such as the slit lamp biomicroscope, direct and indirect ophthalmoscopes, usually in a darkened room. Various drops and dyes may be put into the eye. Additional tests such as tomometry (to check intraocular pressures), gonioscopy (to check the drainage angle in glaucoma patients) and ocular ultrasound may also be performed.

Visual changes in the eyes can often be the first sign of the outset of a systemic disease. Appropriate investigations into these possible diseases may require blood tests and blood pressure measurements.

In a cooperative patient, these procedures can be performed without tranquillisation. They are non-invasive and non-painful. Additional time for a consultation will be allowed.

Common diseases we investigate are:

- Conjunctival disease
- Nasolacrimal diseases
- Eyelid diseases including ectropion, entropion and neoplasia
- Corneal diseases including ulcerative disease, perforation and foreign bodies
- Dry eye
- Uveitis
- Glaucoma
- Cataracts assessment
- Retinal disease
- Orbital diseases including neoplasia, foreign bodies