

## What Is Glaucoma?

Glaucoma is an eye condition where the pressure inside the eye (intraocular pressure or IOP) becomes too high. This can damage the optic nerve and retina, leading to vision loss and can be painful. Medical and/or surgical treatment is necessary.



## Types of Glaucoma

**Primary Glaucoma:** Often inherited; seen in breeds like Cocker Spaniels, Basset Hounds, Chows, Shiba Inus, etc

**Secondary Glaucoma:** Caused by another eye problem like inflammation, lens luxation, intraocular tumors, or trauma

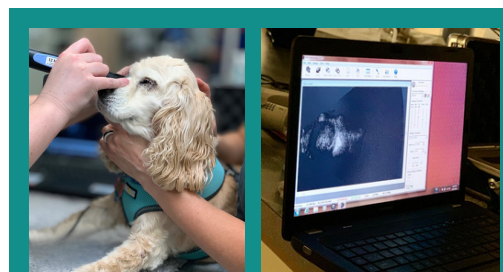
## Signs to Watch For

Your pet can't tell you when something's wrong, so watch for these signs:

- Cloudy or bluish eye appearance
- Squinting or excessive tearing
- Redness in the white of the eye
- Eye that appears larger or bulging
- Pawing at the eye or face
- Sudden vision loss or bumping into things
- Behavior changes: lethargy, irritability

## How We Diagnose Glaucoma

- Tonometry: Measures eye pressure using a quick, painless tool
- Ophthalmic Exam: Evaluates the eye structures
- Imaging: Advanced ocular ultrasound or gonioscopy may be recommended



Ocular Ultrasound



Tonometry

## Treatment Options

- Medications: To try and reduce pressure and inflammation. If glaucoma is only present in one eye, and suspected to be inherited, the other eye is typically treated preventively.
- Laser or Surgical Procedures: In attempt to preserve vision or relieve pain by reducing eye pressure.
- Enucleation (eye removal) or Intravitreal Gentocin Injection: Considered when the eye is blind and painful.
- Lens Luxation Surgery: May be recommended if the glaucoma is due to lens shifting.