

Pet's Name _____

Date _____



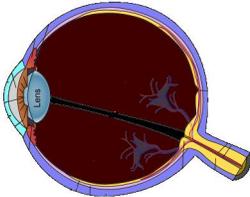
**Southside
Animal
Hospital**

929 South Hill Street
Griffin, GA 30224
770-228-2595



Your Pet's Eye Pressure Test

What is eye pressure? Eye pressure is a measure of pressure of the fluid in the eye. This is mostly from the amount of aqueous humor, a watery fluid in the front part of the eye (in front of the lens). The aqueous humor is produced by tissue that attaches to the lens. The aqueous humor nourishes the eye and keeps it firm. It is constantly being produced and must be constantly drained. If the fluid does not drain properly, the pressure in the eye goes up. If it is not produced adequately, the pressure decreases. Pressure going up or down can have negative effects on the eye.



What is normal eye pressure? Eye pressure in a dog normally ranges from 10 mmHg to 25 mmHg. In cats, normal eye pressure ranges from 10 mmHg to 30 mmHg.

What happens if the eye pressure is too high or too low? If the pressure is too high, a pet has the disease called glaucoma. If the pressure is too low, this often indicates anterior uveitis.

Glaucoma Glaucoma is a very serious disease of the eye. If untreated, the pet quickly becomes irreversibly blind. The increased pressure causes intense pain, "blood-shot" looking eyes, watery eye discharge, detachment of the retina, atrophy of the retina, and ultimately an enlarged eye. Glaucoma is hereditary in some dogs. In others it can be secondary to cataracts or other disease in the eye. If caught early, medical and surgical options exist to control the disease and prolong the use of your pet's eye. Early intervention is the key. If glaucoma is too progressed, damage cannot be reversed.

Anterior Uveitis Anterior uveitis is inflammation of the front part of the eye. This causes a decrease in the production of the aqueous humor. This can be caused by many causes such as cataracts, systemic illness, tick borne disease, eye tumors, trauma to the eye, infection in the eye, or, in cats, feline leukemia. Prolonged inflammation in the eye



can lead to glaucoma by inflammatory proteins causing a decrease in the drainage of the aqueous humor resulting in increased eye pressure. Early intervention is the key to keep this from happening. If caught early, most anterior uveitis cases can be treated without further complications.

How do you check eye pressure? To check the eye pressure we use a device that lightly taps the surface of the eye six times to determine the eye pressure. This is painless and pets seldom respond negatively to the procedure.

Your Pet's Result _____

Action Taken _____

Recommended Recheck _____