Retinal screening study

- Evaluate 300 canine and feline patients in your practice over the course of 6 months
- Record chromatic pupil light reflex abnormalities
Chromatic pupil light reflex testing – rapid screening technique for evaluation of the retinal function

BRISK AND COMPLETE RED AND BLUE PUPIL LIGHT REFLEX RESPONSES IN HEALTHY CANINE PATIENT
Chromatic pupil light reflex - differentiation between retina and optic nerve diseases

Retina disease

Optic nerve disease
Patient population to be screened

- Healthy dogs
- Dogs with history of vision problems
- Dogs with history of systemic diseases
  Dogs with Cushing’s disease (or PU/PD)
- Dogs with allergies
- Dogs with history of cancer or neurological diseases

- Healthy cats
- Cats with history of vision problems
- Cats with history of systemic hypertension, chronic renal disease or neurological disease
- Cats with history of cancer
Information needed

- Species, breed, sex, age, name of hospital, hospital record number
- History of diseases (can fax results or just fill in info in an Excel sheet)
- Current heartworm medications (if any)
- Pupil diameter information: resting diameter in dim light (usually 10 mm), end-constriction diameter (usually 4-5mm in healthy eyes) after illumination
- Any history of vision problems
Example

- Beagle mix, 6y, SF, Happy Hospital CR, MR# 2356
- Seasonal skin allergies
- Heartguard
- Pupil red: 10-4 mm
- Pupil blue: 10-3 mm
- No problems with vision
Visit our retinal screening study webpage for testing protocols and movies.
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What is cPLR Tester?

cPLR Tester is a unique diagnostic instrument for rapid screening of retina and optic nerve function using evaluation of the pupil light reflex after chromatic stimulation of rods, cones and melanopsin containing retinal ganglion cells (intrinsically photosensitive retinal ganglion cells – ipRGCs) with a red and blue light.

[Image of the cPLR Tester device with red and blue light emissions]
Download Excel file and send us your patient data
Thank you!

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