

# CAHF *Wish* LIST

When CAHF donors help to purchase new equipment at the Western College of Veterinary Medicine, everybody benefits. WCVM clinicians and researchers gain access to vital pieces of equipment that help to improve the quality of health care for their patients. Plus, veterinary students gain experience and training on the latest technologies.

**Interested?** Visit [cahf.usask.ca](http://cahf.usask.ca) and click on "Support CAHF" to view the latest pieces of equipment on the CAHF Wish List.

**Questions?** Please contact **Lisa Green**, WCVM's development officer (306-966-7450; [lisa.green@usask.ca](mailto:lisa.green@usask.ca)).

## COST CATEGORY: \$1,000 TO \$5,000

**NAME OF ITEM:**

Melan-100

**ESTIMATED COST:**

\$1,500 USD

**SERVICE:** Veterinary ophthalmology

**FACULTY MEMBER:** Drs.

Lynne Sandmeyer,  
Bianca Bauer and  
Bruce Grahn,

Department of Small Animal Clinical Sciences, WCVM



**USE OF EQUIPMENT:** Melan-100 is the very first instrument available for testing retina and optic nerve function based on the evaluation of the pupillary light reflex. Melan-100 can be used as a valuable additional diagnostic tool for diagnosis of many diseases including:

- Sudden acquired retinal degeneration (SARD)
- Immune-mediated steroid responsive retinitis
- Retinal degeneration (hereditary)
- Inflammation with the eye (chorio-retinitis/retinitis)
- Retinal detachment
- Glaucoma
- Optic neuritis/meningitis; pituitary tumour
- Brain tumour/visual cortex damage

It's a very fast and easily-used instrument that allows for early detection of ocular diseases which is the key for successful treatment.

**ESTIMATED ONGOING COST FOR UPKEEP:** No ongoing costs expected.