

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 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).

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

NAME OF ITEM: i-STAT 1 Blood Gas Analyzer

ESTIMATED COST: \$5,000

SERVICE: ICU/Critical Care

FACULTY MEMBER: Dr. Jennifer Ogeer, Department of Small Animal Clinical Sciences, WCVM

USE OF EQUIPMENT: The i-STAT blood gas analyzer is used to measure metabolic and respiratory imbalances in the patient's blood quickly. Blood gas results help the veterinarian to better assess, diagnose and treat an unstable patient when time is of the essence.

This model is also calibrated to test for cardiac markers, activated clotting times, and liver and kidney functions.

This machine is handheld and portable, allowing for fast, accurate, in-house diagnostic testing. It takes only a few minutes while using only a few drops of blood.



ESTIMATED ONGOING COST FOR UPKEEP: Ongoing cost would include the purchase of the single use cartridges required for testing.