

Hospital Equipment Advances Treatments

The acquisition of some of the most advanced medical equipment available allows the veterinary hospital to stay at the forefront of diagnostics and treatments. Through grants, donations, and facility upgrade allocations, new equipment helps faculty clinicians lead the way toward new discoveries and exceptional treatment.

An anonymous donation provided the Cardiology Service with a state-of-the-art fluoroscopy unit. The equipment supports interventional cardiology procedures by providing live motion radiology to help guide the cardiologists during surgeries. The use of “live x-rays” by the Soft Tissue Surgery Service also assists surgeons in minimally invasive procedures. This

technology has made surgeries quicker and safer, and in some cases, offered viable surgical intervention where there were previously no treatment options. The hospital's interventional radiology surgery suite is equipped with the latest in fluoroscopy, and is one of the most advanced surgical settings in veterinary medicine.

Positron Emission Tomography (PET) has been in use in the Large Animal Clinic for more than a year. PET is still at its infancy in veterinary medicine, but UC Davis is at the forefront with the first equine PET program in the world. This cutting-edge imaging modality will offer exciting opportunities for the Small Animal Clinic also, with the introduction of the PET “mini-Explorer” project. Through a collaboration with UC Davis School of Medicine and the College of Engineering, the school will soon be equipped with a prototype of the most advanced PET scanner ever built.

The Dentistry and Oral Surgery Service advances oral and maxillofacial diagnosis and treatment planning with its cone-beam computed tomography scanner—the only academic veterinary facility in the world to utilize this technology. Additionally, the hospital has invested in new endoscopes, portable ultrasound and radiography equipment (especially convenient for field service crews treating animals off campus), as well as some of the latest anesthesia units.

For more information about supporting equipment needs, please contact the Office of Development at 530-752-7024.



Dr. Mathieu Spriet performs a PET scan on a horse's front limb.