



MEDICAL SCHOOL

UNIT FOR LABORATORY ANIMAL MEDICINE
UNIVERSITY OF MICHIGAN

TO: All University of Michigan animal users that use anesthetic vaporizers
FROM: Amy Boekhout, ULAM Veterinary Technician
RE: ULAM Anesthetic Machine Inspection Program
DATE: August 11, 2016

It is the policy of the IACUC that all vaporizers and anesthetic machines be serviced annually.

In order to help animal research investigators meet this requirement, **ULAM is coordinating an anesthetic machine and vaporizer inspection service.** We have selected Vetamac to provide the technical service for the program. Vetamac will make visits to campus in March, June, September, and December.

Investigators are not required to utilize the ULAM service in order to comply with the IACUC policy. If desired, investigators can independently contract with an appropriate vendor to provide the service as described in the IACUC policy.

The next service dates will be Wednesday, September 7 through Friday, September 9. Please send the attached Authorization Form to Amy Boekhout at alss@med.umich.edu by Friday, August 26 if you wish to participate in the September service dates.

If you have any questions related to the program, please email Amy Boekhout at alss@med.umich.edu or call her at (734) 615-2068

Anesthetic units inspected through the ULAM Anesthetic Machine Inspection Program will be evaluated for the following three features:

- 1) Leaks within the system as determined by a pressure check. Minor leaks identified at this time can be repaired onsite for an additional charge.
- 2) Correct output of anesthetic gas as determined by use of a gas analyzer
- 3) Accurate output flow rate. Minor adjustments can be performed onsite for an additional charge.

Each participating lab will receive documentation of the anesthetic unit inspection results. If a vaporizer is found to require recalibration or major repair, Vetamac, can repair it back at their facility in Indiana. Major vaporizer repairs cannot be performed onsite. Vetamac can provide a "loaner" vaporizer for an additional charge.

All charges incurred by the lab through their association with the ULAM Anesthetic Machine Inspection Program will be processed through ULAM unless otherwise requested.

The anticipated costs associated with this program are as follows:

Anesthetic Unit Inspection:	
Anesthetic delivery system and vaporizer with no sodasorb canister or breathing head. This includes a traditional, single station rodent anesthesia unit.	\$95
Anesthetic delivery system and vaporizer with breathing circuit and sodasorb canister.	\$195
Minor repairs performed at the time of the inspection.	varies
Non-compact rodent machines such as surgivet (multiple stations)	\$122.50
Loaner vaporizer while one is being repaired	\$90
Vaporizer Calibration and Major Repair (must be done offsite)	\$235 - \$300
Service Charge for Vetamac, Inc to come to campus	\$129.50 per day -- this charge is divided by number of labs requesting the service. Usually ~ \$10 - \$20 per lab
ULAM vet tech time	Varies depending on time spent on service, but usually ~\$30 per machine