



JUL 1 1 2005

ABARTHOLOMEW

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INSPECTION REPORT

EMORY UNIVERSITY

Customer ID: 896

Certificate: 57-R-0003

Site: 004

EMORY UNIVERSITY

Inspection

Type: ROUTINE INSPECTION

Date: JUN-14-2005

WOODRUFF HEALTH SCIENCES CTR
1440 CLIFTON ROAD NE
ATLANTA, GA 30322

2.32 (c)

DIRECT

PERSONNEL QUALIFICATIONS.

(c) Training and instruction of personnel must include guidance in at least the following areas:

(1) Humane methods of animal maintenance and experimentation, including:

(ii) Proper handling and care for the various species of animals used by the facility

(2) The concept, availability, and use of research or testing methods that limit the use of animals or minimize animal distress

***Personnel conducting studies in NS lab 2248 were observed utilizing inappropriate restraint methods. Two Rhesus macaques were chaired for a series of blood collections. The forearms/hands and lower legs/feet of each animal were secured to the frame of the chair with duct tape. There was no padding/protective layer under the tape and the fingers and toes could not be visualized. This results in animal discomfort, inability to monitor distal limbs for vascular compromise, and limited ability to quickly and safely release the animal. Questioning of the involved individuals indicates poor understanding of humane methods of animal experimentation. Personnel using animals to conduct studies must be aware of methods to minimize distress and utilize them unless scientifically justified and approved by IACUC. Correct by: 01 Jul 05.

2.33 (b) (2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(2) The use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries

***Multiple expired drug products in NS lab 3282 (saline), pharmacy 2265 (propofol and diazepam), lab 1273 (neostigmine, Magnevist, heparin, Dexon suture) and in Small Primate Wing: crash cart outside 279/280 (heplock, doxapram, furosemide, diphenhydramine), lab 279 (phenylephrine eye drops, eye lubricant). Lab 3282 had made notation on drug bottle of date product was opened. The product was opened after the expiration date. Pharmaceutical products used on regulated species must be within date to ensure safety and efficacy consistent with the product's labeling. All expired items were discarded at time of inspection. To be corrected from this day forward.

Prepared By:

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AMY BARTHOLOMEW, D V M , USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER, Inspector ID: 1051

Received By:

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Date:

JUN-14-2005

Date:

JUN-16-2005



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2.131 (a)

DIRECT

HANDLING OF ANIMALS.

(b) (1) Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

***Personnel conducting studies in NS lab 2248 were observed utilizing inappropriate restraint methods. Two Rhesus macaques were chaired for a series of blood collections. The forearms/hands and lower legs/feet of each animal were secured to the frame of the chair with duct tape. There was no padding/protective layer under the tape and the fingers and toes could not be visualized. This results in animal discomfort, inability to monitor distal limbs for vascular compromise, and limited ability to quickly and safely release the animal. Personnel using animals to conduct studies must be aware of methods to minimize distress and utilize them unless scientifically justified and approved by IACUC. To be corrected from this day forward.

3.75 (a)

3.75 (c) (2)

HOUSING FACILITIES, GENERAL.

(a) Structure: construction. Housing facilities for nonhuman primates must be designed and constructed so that they are structurally sound for the species of nonhuman primates housed in them.

***ED room 106 left upper middle rack has water leaking from the watering system hose above the rack. V153 left upper middle rack was a hole in the watering system hose attached to it just below the "T" joint. Watering hoses must be maintained to ensure that adequate water systems provided for the animals. Corrections began at time of inspection. Correct by: 17 Jun 05.

***RC03 PVC water line behind the racks along the right wall had become detached from the wall support along the middle of the pipe. This has caused the pipe to sag close to the floor, placing undue stress on the pipe. The pipe must be secured in a manner that prevents failure to ensure adequate water supply is maintained in the primary enclosures. Correct by: 17 Jun 05.

(c) Surfaces

(2) Maintenance and replacement of surfaces. All surfaces must be maintained on a regular basis. Surfaces of housing facilities -- including houses, dens, and other furniture-type fixtures and objects within the facility -- that cannot be readily cleaned and sanitized, must be replaced when worn or soiled.

***There is a chair in NS lab area 3225 that is in disrepair. The foam seat cushion is exposed preventing proper cleaning and sanitation of this surface. Surfaces in animal areas must be able to be readily cleaned or replaced when worn/soiled. Correct by: 24 Jun 05.

***Small Primate Wing room 243B has multiple areas of peeling paint on the ceiling that inhibit proper cleaning and sanitization of this surface. Correct by: 15 Jul 05.

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***Stonehard flooring in rooms D128, D127, D126, RB12 are cracked and peeling in the areas near the walls. This problem is also noted in the interior portion of Great Ape Wing near the primary enclosures. Roaches were noted in/under the cracked flooring. Flooring must be maintained to allow proper husbandry practices and to facilitate pest control measures. Correct by: 01 Sep 05.

***ED 106 (veterinary treatment area) has evidence of water leaks along the rear wall. This area has been previously sealed, however, streaks of white debris are noted on the floor coving. Additionally, there is a pool of water along the rear wall. The condition of the wall prevents the treatment area from being maintained in a clean manner. This area must be re-evaluated by 22 Jul 05.

3.84 (c)

3.84 (d)

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CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

(c) Housekeeping for premises. Premises where housing facilities are located, including buildings and surrounding grounds, must be kept clean and in good repair in order to protect the nonhuman primates from injury, to facilitate the husbandry practices required in this subpart, and to reduce or eliminate breeding and living areas for rodents, pests, and vermin.

***NS lab 3219 has a soiled absorbent pad that was left in the testing area. No recent testing had been performed in this area. Laboratories shall be maintained in a clean, sanitary manner to facilitate pest ongoing control measures. Correct by: 17 Jun 05.

***There is a bag of trash outside of the trash receptacle on the floor of RB12. This room is currently unoccupied but is directly adjacent to animal housing areas. Open bags of trash and trash not placed in proper receptacles serve as attractants for pests. Trash must be appropriately stored/removed to facilitate ongoing pest control measures. The bag was removed at the time of inspection. To be corrected from this day forward.

***NS 1224A and 1224B: There are dirty items stored on both the clean and dirty sides of the cagewash. Clean items must be stored separately from dirty items to prevent cross-contamination or inadvertent use of a dirty item. Correct by: 17 Jun 05.

***There are dirty cages and racks stored in the hallway outside D122 (treatment area). Dirty racks should be placed in a designated "dirty" area to prevent cross-contamination. Correct by: 24 Jun 05.

***NS laboratory adjacent to MRI facility: Animal pharmaceutical products and carcasses are stored in the same refrigerator/freezer unit. Carcasses must be kept in a separate location from drugs and animal food to minimize risk of contamination. Numerous laboratory chemicals are co-mingled with pharmacy items and stored in the cabinets to the left of the refrigerator including a glass bottle labeled "polycarbonate cement methylene chloride, flammable carcinogen". Such hazardous items pose risk of contaminating the drug storage area and are a threat to animals and humans working in the immediate area. These items must be stored in a designated area separate from animal pharmacy or food items. Correct by: 24 Jun 05.

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(d) Pest control. An effective program for control of insects, external parasites affecting nonhuman primates, and birds and mammals that are pests, must be established and maintained so as to promote the health and well-being of the animals and reduce contamination by pests in animal areas.

***The pest control program has made tremendous improvement in most areas of the facility, however, increased emphasis is required in several rooms with continued pest control issues including: Small Primate Wing 253 (roaches in light fixtures), lab RC08 and RC09 (dead roaches on floor), CF feed room (roaches, rodent droppings, small holes in foam seal around door allowing pest access), RA06 (live roaches on walls), RA08 (black sewer flies), area outside animal rooms in RA (black sewer flies), and interior portion of Great Ape Wing (roaches in cracked/peeling flooring).

Reviewed:

- 1.) Animal weight logs
- 2.) Cage wash logs
- 3.) Protocols (098-2004y, 100-2004y, 041-2005y, 093-2004y, 215-2004y, 126-2004y, 013-2004y, 107-2002y, 127-2002y, 102-2005y, 221-2003y, 012-2005y, 057-2004y, 222-2004y, 121-2004y, 025-2005y, 117-2005y, 151-2004y)
- 4.) Appendix E associated with protocol 093-2004y (chair training)

Discussed:

- 1.) Consideration of alternative techniques to minimize distress related to protocol 221-2003y.
- 2.) Clarification of pharmacokinetic study reported to be conducted under protocol 093-2004y.

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