



Inspection Report

registrant. At the time the blood sample was collected, the procedure was conducted without review and approval of the Institutional Animal Care and Use Committee. [Section 2.31(c)(7)]

The Institutional Animal Care and Use Committee (IACUC) should ensure that a proposal to change an ongoing animal activity is submitted for review before any proposed changes are conducted. The IACUC should ensure that a proposal or a significant change to an ongoing activity provides the required narrative description of the methods and sources used to consider alternatives to procedures that may cause more than momentary or slight pain and/or distress to the animals.

Correct by: Item 1.a., 2.> Proposed change reviewed/approved by IACUC. Item 1.b.> June 27, 2008.

2.32 (a)

PERSONNEL QUALIFICATIONS.

Section 2.32(a) It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal technicians, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. This responsibility shall be fulfilled in part through the provision of training and instruction to those personnel.

1. Review of information reported by the registrant for Animal Use Protocol 0906013 that described a cardiovascular study involving sheep: As part of the registrant's monitoring program, the reviewer for the registrant observed the attempted insertion of a femoral arterial line as part of a survival surgical procedure. The depth of anesthesia during placement of the arterial line was reported to be light, requiring administration of supplemental anesthesia. Instead, while a member of the research staff continued to attempt placement of the arterial line, another member administered succinylcholine, a neuromuscular blocking agent. Several deficiencies regarding aseptic procedures, performance of surgical procedures, administration of supplemental anesthesia, and assessment of depth of anesthesia, were reported. The Institutional Animal Care and Use Committee concluded that the deficiencies were indicative of a lack of training.

In accordance with Animal Welfare Regulations, the research facility should ensure that personnel involved in animal care, use, and treatment, are appropriately trained and qualified to properly handle their duties.

Correct by: Research personnel were given further training.

2.33 (b) (2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

Section 2.33(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.

1. Medical School Teaching Facility, surgical facility intended for survival surgery, animal preparation room 6-046, cart: Five instrument packs were observed to be sealed with autoclave tape. Four instrument packs did not have a sterilization date. One instrument pack was dated January 4, 1989, indicating the instruments may have been last

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Date:

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are structurally sound for the species of nonhuman primates contained in them. They must be kept in good repair.

1. Medical School Teaching Facility, animal facility, animal room G-14: The enclosure housing 1 cynomolgus monkey had a partially detached bar in the guillotine door.

Primary enclosures for nonhuman primates should be constructed and maintained in good repair.

Correct by: Enclosure replaced at time of site visit.

3.80 (b) (2) (i)

PRIMARY ENCLOSURES.

Section 3.80 Primary enclosures for nonhuman primates must meet the following minimum requirements: (b) Minimum space requirements. Primary enclosures must meet the minimum space requirements provided in this subpart. (2) On and after February 15, 1994: (i) The minimum space that must be provided to each nonhuman primate, whether housed individually or with other nonhuman primates, will be determined by the typical weight of animals of its species, except for brachiating species and great apes and will be calculated by using the following table:

Group, Weight, Floor area/animal, Height
, lbs., (kg.), ft., (m), in., (cm.)

3 6.6-22.0 (3-10) 4.3 (0.40) 30 (76.2)
4 22.0-33.0 (10-15) 6.0 (0.56) 32 (81.28)
5 33.0-55.0 (15-25) 8.0 (0.74) 36 (91.44)
6 over 55.0 (over 25) 25.1 (2.33) 84 (213.36)

1. Bressler Research Building: The required minimum floor space was not provided for the baboons identified below at the time of inspection. Exceptions were not in effect.

a. Animal room 6-018/022: Olive baboon #15, weighing 63.1 lbs. (28.7 kg), and olive baboon #16, weighing 70.4 lbs. (32.0 kg), were housed in enclosures with 17.0 sq. ft. of floor space, less than the required minimum floor space of 25.1 sq. ft.

b. Animal room 6-036/040: Olive baboon #12, weighing 80.5 lbs.(36.6 kg), was housed in an enclosure with 17.0 sq. ft. of floor space, less than the required minimum floor space of 25.1 sq. ft.

In accordance with Animal Welfare Regulations, nonhuman primates must be provided the required minimum floor space.

Correct by: October 31, 2008.

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Inspection Report

UNIVERSITY OF MARYLAND BALTIMORE

Customer ID: 89

10 S. PINE ST. RM G-100, MSTF BLDG. UMAB

Certificate: 51-R-0018

Site: 001

VETERINARY RESOURCES

Type: ROUTINE INSPECTION

BALTIMORE, MD 21201

Date: Feb-20-2007

2.33 (b) (2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

Section 2.33(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.

1. Medical School Teaching Facility, Animal Facility, animal room G-62: Dogs # CWUIAP, #CWUICJ, were observed to have dental plaque/calculus and signs of mild to moderate periodontal disease. Periodontal disease may cause discomfort and if not managed may lead to gingival recession/tooth loss or other disease.

Adequate veterinary care should include periodic dental care to prevent and/or to provide treatment for periodontal disease. Veterinary personnel should initiate dental care procedures

Correct by: March 2, 2007.

3.84 (c)

CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.

Section 3.84(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.

1. Bressler Research Building, Animal Facility, 6th floor entry corridor: Floor surface was damaged/deteriorated with exposed underlying concrete in the area near room 6-052.

Animal facilities should be maintained and kept in good repair to facilitate cleaning and sanitization, to reduce or eliminate entry and breeding of vermin, and to prevent further structural deterioration. Maintenance/repairs should be performed on a regular basis.

The facility should make the necessary repairs.

Correct by: March 23, 2007.

Prepared By:

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