



05 2006

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**INSPECTION REPORT**

**JOHNS HOPKINS UNIVERSITY,  
THE**

**Customer ID: 81  
Certificate: 51-R-0006**

**459 S ROSS BUILDING, 720 RUTLAND AVE  
BALTIMORE, MD 21205 2196**

**Site: 001  
MEDICAL INSTITUTIONS, RF, JHU**

**Inspection  
Type: ROUTINE INSPECTION  
Date: MAY-04-2006**

**2.31 ( d X 1 X ii )**

**2.31 ( e X 2 )**

**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).**

The principal investigator has considered alternatives to procedures that may cause more than momentary or slight pain or distress to the animals, and has provided a written narrative description of the methods and sources, e. g., the Animal Welfare Information Center, used to determine that alternatives were not available;

\*\*\* (b)(4) has literature search done, but the key words that were used in the literature search has no relevant to the procedure that may cause pain.  
Correct by: 5/4

(2) A rationale for involving animals, and for the appropriateness of the species and numbers of animals to be used;

\*\*\* (b)(4) has description for the use of animals that are requested for this proposal, but the PI didn't explain the rationale behind the necessity of using such numbers of animals.  
Correct by: 5/4

**2.32 ( c X 1 X iii )**

**PERSONNEL QUALIFICATIONS.**

(iii) Proper pre-procedural and post-procedural care of animals;

\*\*\* One animal on proposal (b)(4) didn't receive any post op analgesics after minor surgery on 4/28. The proposal describes that animals will have post op dose of (b)(4). The PI should clarify his regimen by amending the protocol.  
Correct by: 5/4

**3.56 ( a X 1 )**

**SANITATION.**

(1) Primary enclosures shall be kept reasonably free of excreta, hair, cobwebs and other debris by periodic cleaning. Measures shall be taken to prevent the wetting of rabbits in such enclosures if a washing process is used.

\*\*\* The primary enclosure for animal # M2A9 has large accumulation of animal waste; the toy that is provided for the animal was contaminated with animal excreta. Removal of animal waste should be done frequent enough to prevent health problems.

**Prepared By:** \_\_\_\_\_  
NASRY FALTAS, D V M , USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER , Inspector ID: 1042

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Correct by: 5/4

**3.80 ( a X 2 X ii )**

**3.80 ( a X 2 X iii )**

**3.80 ( b X 2 )**

**PRIMARY ENCLOSURES.**

(2) Primary enclosures must be constructed and maintained so that they:

(ii) Protect the nonhuman primates from injury;

\*\*\* One of the outdoors enclosures in the farm has three plastic drums that are used as enrichment devices, the drums are connected together by large nails that are protruding inside the drums and could cause injury to the animals.

Corrected during the inspection

\*\*\* In room # 3505 there are two cages that have about 2 square inches holes that have sharp edges which could cause injury to the animals.

Corrected during the inspection

(iii) Contain the nonhuman primates securely and prevent accidental opening of the enclosure, including opening by the animal;

\*\*\*In room # 434C it was noticed that two of the primates cages are not secured, the cages were rolled away from the walls, and both cages were very close to each other, this situation may subject the animals to unnecessary stress if these animals are not compatible, and may result in animal injury of the animals if any of the animals started to fight, also the water coil could break and disrupt the water supply for the affected animals.

Correct by: 5/4

(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 /3/ and will be calculated by using the following table

Group	Weight lbs. (kg.)	Floor area/animal height	
		ft. <sup>2</sup> (m <sup>2</sup> )	in. (cm.)
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)

\*\*\* The following animals were housed in cages that don't meet the minimum requirement for floor space, animal # 124251 weights 26.3 kgm, animal# 15348 weights 27.21 kgm, and animal # 16228 weights 29.57 kgm. All previous animals are housed in cages that provide floor space of 6.39 square feet each. Animal should provide with floor space as per table above.

Correct by: Facility has order in place to replace cages.

**3.81 ( b )**

**ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.**

(b) Environmental enrichment. The physical environment in the primary enclosures must be enriched by providing means of

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expressing no injurious species-typical activities

\*\*\* The primary enclosure for animal #M00929 has a long chain ( about 15 inches) hanging from the top of the cage, this chain could cause the animal to be hurt if the animal accidentally has the chain wrapped around his neck.  
Corrected during the inspection

- 3.84 ( a )
- 3.84 ( c )
- 3.84 ( d )

**CLEANING, SANITIZATION, HOUSEKEEPING, AND PEST CONTROL.**

(a) Cleaning of primary enclosures. Excreta and food waste must be removed from inside each indoor primary enclosure daily and from underneath them as often as necessary to prevent an excessive accumulation of feces and food waste, to prevent the nonhuman primates from becoming soiled, and to reduce disease hazards, insects, pests, and odors.

\*\*\* In room # 434B it was noticed that there is accumulation of animal waste underneath one of the cages, it appears that the floor was cleaned but the cleaning didn't include removing the animal waste from underneath the cage. Removal of animal waste during the cleaning process will help reducing propagation of organisms and protect the animal health.  
Correct by: 5/4

(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.

\*\*\* In room 434, it was noticed that the air vent was covered with pieces of peeling paint. Peeling paint should be scrubbed and collected so it doesn't circulate in the air.  
Correct by: 5/4

\*\*\* The inside enclosure for the animals in building # 13 have walls that have peeling paint. The surfaces that come in contact with the animals need to be repainted or sealed so it can be cleaned and sanitized.  
Correct by: 6/4

\*\*\* The inside enclosures for animals in building 11 have perches that lost their paint coat and in need of repair, so it can be readily cleaned and sanitized.  
Correct by: 6/4

\*\*\* Room # 812 has peeling paint from the walls; the debris from the peeling paint is present on the floors. The walls and floors must be kept clean.  
Corrected during the inspection

(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

\*\*\* In room # 812 two live cockroaches were seen crawling inside the room. Effective pest control measures should be implemented to protect the animal health.  
Correct by: 5/19

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\*\*\* This report was generated to amend the previous report that was issued on May 4, 2006 in order to change citation section number from section 3.80 (a) (2) (ii) to section 3.84(b).

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