



## Inspection Report

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Customer ID: **9199**

Certificate: **93-R-0440**

Site: 001

THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

SAN FRANCISCO, CA 94143

Date: Jun-25-2009

This inspection was to review procedures and records that changed the location of a surgical room (K330B), to surgical room that is to be maintained and operated aseptically as required by the Animal Welfare Act. This institution has brought this matter into compliance.

This is a corrected inspection report.

**Prepared By:**

MICHAEL J SMITH, D.V.M.      USDA, APHIS, Animal Care

**Date:**

**Title:**      SUPERVISORY ANIMAL CARE      Inspector 5019

Jun-25-2009

**Received By:**

(b)(6), (b)(7)(c)

**Date:**

**Title:**

Jun-25-2009



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Site: 001

THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

SAN FRANCISCO, CA 94143

Date: Jun-01-2009

**2.31 (d) (1) (ix) REPEAT**

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

2.31 (d) IACUC review of activities involving animals. (1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing; Provided, however, That field studies as defined in part 1 of this subchapter are exempt from this requirement. Further, the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements:

(ix) Activities that involve surgery include appropriate provision for pre-operative and post-operative care of the animals in accordance with established veterinary medical and nursing practices. All survival surgery will be performed using aseptic procedures, including surgical gloves, masks, sterile instruments, and aseptic techniques. Major operative procedures on non-rodents will be conducted only in facilities intended for that purpose which shall be operated and maintained under aseptic conditions. Non-major operative procedures and all surgery on rodents do not require a dedicated facility, but must be performed using aseptic procedures. Operative procedures conducted at field sites need not be performed in dedicated facilities, but must be performed using aseptic procedures;

Surgical Room K330B is identified in Protocol AN077967-03 as a surgical area and laboratory space which is in direct violation of the above regulation requiring major operative procedures on non-rodents to be conducted only in facilities intended for that purpose and that those facilities shall be operated and maintained under aseptic conditions. This surgical suite must comply with the federal regulations.

**Prepared By:**

MICHAEL J SMITH, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5019

Jun-09-2009

**Received By:**

(b)(6), (b)(7)(c)

**Date:**

**Title:**

Jun-22-2009



## Inspection Report

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Customer ID: 9199

Certificate: 93-R-0440

Site: 001

THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

Date: May-27-2009

SAN FRANCISCO, CA 94143

**2.31** (d) (1) (v)

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

(d) IACUC review of activities involving animals. (1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing; Provided, however, That field studies as defined in part 1 of this subchapter are exempt from this requirement. Further, the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements: (v) (v) Animals that would otherwise experience severe or chronic pain or distress that cannot be relieved will be painlessly euthanized at the end of the procedure or, if appropriate, during the procedure;

Primate records revealed one animal was not euthanized in a timely manner. The veterinarian requested via email to the investigator to consider using this animal acutely on August 7, 2007. The records indicated by Saturday, August 11 that the animal appeared to have severely molested existing wound lesions resulting in further lacerations. The animal was not euthanized but the veterinarian placed a fentanyl patch on Friday, August 10 as a means of addressing pain and as potential treatment for self inflictive behavior. Euthanasia occurred on Monday, August 13, 2007. At the least this animal should have been euthanized on Saturday, August 11 when it was discovered that the fentanyl patch had been chewed off, and the method of treatment may not have been successful. Subsequent animals in this condition were euthanized in a more timely manner to prevent their experience of severe or chronic pain or distress.

**2.33** (b) (3)

### ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:(3) Daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian;

**Prepared By:**

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Jun-01-2009

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(b)(6),(b)(7)(c)

**Date:**

**Title:**

Jun-01-2009



## Inspection Report

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Medical records on the above animal mentioned healing lesions that appeared to be self inflicted but there were no notes in the medical record that identified when the behavior first occurred. Identification of lesions caused by self inflicted behaviors, identified early enough, may be treated and resolved through multifaceted treatment approaches. It is important to identify this behavior prior to the self inflicted wounds and this may be done through training and monitoring animals with this or other abnormal behaviors and communicating to the veterinary staff in a timely manner.

Correct by July 1, 2009.

This inspection was performed as the result of a complaint sent the regional office.

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**Prepared By:**

MICHAEL J SMITH, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5019

Jun-01-2009

**Received By:**

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**Date:**

**Title:**

Jun-01-2009



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Certificate: **93-R-0440**

Site: 001

THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

Date: May-29-2008

SAN FRANCISCO, CA 94143

### 2.31 (d) (1) (i)

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

Sec. 2.31 Institutional Animal Care and Use Committee (IACUC)

(d) IACUC review of activities involving animals.

(1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing. Further, the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements: (i) Procedures involving animals will avoid or minimize discomfort, distress, and pain to the animals.

Animal Number V000335 was euthanized following the previous inspection. Thus the animal was taken off study and this noncompliant item has been corrected in part. Animal Number MMU 35184, however, remains on study. According to staff members at the facility, the IACUC had not as yet conducted a review of the health concerns of this specific animal.

Previous correction date: May 30, 2008

Note: The purpose of this inspection was to evaluate activities involving animals cited in the previous inspection report of April 15, 2008.

**Prepared By:**

MARCY E ROSENDALE, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5039

Jun-02-2008

**Received By:**

(b)(6), (b)(7)(c)

**Date:**

**Title:**

Jun-10-2008



## Inspection Report

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Customer ID: 9199

Certificate: 93-R-0440

Site: 001

THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

SAN FRANCISCO, CA 94143

Date: Apr-15-2008

### 3.75 (a)

#### 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. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

Animal MMU 35184 has a history of getting extremities caught in different areas of the primary enclosure. There were 4 instances of this animal having extremities trapped in the last 3 years. The most recent occurrence was in February 2008 when the left arm of the animal was trapped in a small area on the front corner of the primary enclosure. There has been no adjustment or alteration to the animal enclosure at the time of this inspection to prevent recurrence. Correct by May 15, 2008.

This an amended inspection report. Citation 2.31(d)(1)(i) has been removed as a result of the appeal process.

#### Prepared By:

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Date:

Title: SUPERVISORY ANIMAL CARE Inspector 5019

Apr-15-2008

#### Received By:

(b)(6), (b)(7)(c)

Date:

Title:

Apr-15-2008



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THE UNIVERSITY OF CALIFORNIA,

SAN FRANCISCO, CA 94143

Type: ROUTINE INSPECTION

Date: Apr-15-2008

**2.31** (d) (1) (i) **DIRECT NCI**  
**INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).**

(d) IACUC review of activities involving animals. 1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing; (i) Procedures involving animals will avoid or minimize discomfort, distress, and pain to the animals;

Two of the animal records and protocols that were reviewed during this inspection indicated that the animals were in avoidable distress and discomfort.

Animal Number V000335 was assigned to a food restriction protocol. Records for this animal showed aggressive implant/skin margin cleaning, differing antibiotics, and supplemental nutrition. The weight of the animal near the start of the study was 9.65 kgs (March 2007) and the weight of the animal at the time of this inspection was 7.12 kgs. (25% weight loss). The veterinarian removed this animal from the food restriction portion of the protocol at 10-15% of weight loss but allowed the primary investigator of the research study to continue to manage the diet of the animal. This animal was also being treated for a chronic infection of the soft tissue of the skull caused by a surgical procedure. The description in the record of this animal indicated a malodor coming from the area of the cranial implants. It was also noted in the records a problem with the temporomandibular joint. It was later determined by the investigator that there was a possible fibrosis of the muscles surrounding the mandible. This animal continued working for food supplements in the restraint chair for the purpose of collecting protocol related data. Animal Number MMU 35184 is another animal identified during this inspection described atopic and severely pruritic. The records of both animals indicate a distress and discomfort while continued use for the collection of data for research. Animals that have chronic infections directly related to the surgical procedures associated with the study and a severe weight loss of undetermined cause, or as in the case of the other animal, atopic and severely pruritic indicates animals that may be distressed and discomforted. It is the IACUC's responsibility to assure that distress and discomfort are addressed in research animals. The IACUC should have in concert with the veterinarian determined if these two animals were distressed and/or discomforted and made efforts to correct their conditions prior to allowing the continuance of their use as research subjects. There were records indicating notification to the IACUC

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Apr-15-2008

**Received By:**

(b)(6), (b)(7)(c)

**Date:**

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Apr-15-2008



## Inspection Report

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that one animal would be removed from food restriction for weight loss but no action taken, even with the investigators continued use by feeding the animal in the restraint chair.

There were no records of IACUC involvement/intervention or review of these animals for distress and discomfort and it is their responsibility to ensure the avoidance of pain, distress and discomfort as per this section of the regulations.

Correct by May 30, 2008

### 3.75 (a)

#### 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. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

Animal MMU 35184 has a history of getting extremities caught in different areas of the primary enclosure. There were 4 instances of this animal having extremities trapped in the last 3 years. The most recent occurrence was in February 2008 when the left arm of the animal was trapped in a small area on the front corner of the primary enclosure. There has been no adjustment or alteration to the animal enclosure at the time of this inspection to prevent recurrence.

Correct by May 15, 2008.

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**Prepared By:**

MICHAEL J SMITH, V.M.O. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5019

Apr-15-2008

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SAN FRANCISCO, CA 94143

Type: --RESCINDED--

Date: Aug-07-2007

### 3.56 (c)

#### SANITATION.

(c) Housekeeping. Premises (buildings and grounds) shall be kept clean and in good repair in order to protect the animals from injury and to facilitate the prescribed husbandry practices set forth in this subpart. Premises shall remain free of accumulations of trash.

Machinery equipment was placed along side of clean empty animal enclosures in the cage wash room. The equipment was leaking oil into and through the surface of the cardboard box where it was located. The animal enclosures in direct contact with the box were being contaminated by the oils leaking out of the device. Contamination of animal enclosures with oil from discarded machinery may lead to illness in animals housed in those enclosures.

Sheet rock type of walls surfaces in the main hallway were flaking and chipping from contact with equipment. Much of the chipped or flaking surfaces were on the floor in the hallway.

Corrected during inspection by removal of equipment and cleaning and sanitizing the area where the equipment was located.

### 3.75 (a)

#### 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. They must be kept in good repair, and they must protect the animals from injury, contain the animals securely, and restrict other animals from entering.

One group of primates housed in the Koret building were in cages with the squeeze shoots that did not lock and the animals were able to manipulate the squeeze chute creating a smaller area. In the process of closing the shoot it would have been possible for a primate to injury a finger or arm between the gates as the shoot was being closed. A piece of equipment was being secured to prevent the animal from being able to manipulate the enclosure and thus preventing possible injury.

Corrected during inspection.

#### Prepared By:

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Date:

Title: VETERINARY MEDICAL OFFICER Inspector 5019

Aug-07-2007

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(b)(6), (b)(7)(c)

Date:

Title:

Aug-07-2007



## Inspection Report

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3.75 (c) (3)

### HOUSING FACILITIES, GENERAL.

(3) Cleaning. Hard surfaces with which nonhuman primates come in contact must be spot-cleaned daily and sanitized in accordance with §3.84 of this subpart to prevent accumulation of excreta or disease hazards.

A primate chair used to restrain primates during certain procedures was in a primate room with brownish stains smeared on the side plexiglass wall and lower surface. The cleaning and sanitizing protocol described to me by the responsible person was that chairs are used daily and only cleaned on the weekends. There was no spot cleaning and/or sanitizing of the chairs during the week. The official SOP for the cleaning and sanitizing of the primate chairs was provided to me during the inspection and either cleaning and sanitizing after each use or daily cleaning and sanitizing is required. The responsible person was not following the SOP for cleaning and sanitizing of equipment. Corrected during inspection.

The original inspection report was appealed and this is the remaining violations after the appealed was reviewed.

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**Prepared By:**

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**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5019

Aug-07-2007

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**Date:**

**Title:**

Aug-07-2007



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THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

513 PARNASSUS AVENUE, S-115

Type: ROUTINE INSPECTION

Date: Jul-28-2007

SAN FRANCISCO, CA 94143

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This is a focused inspection regarding complaint # 179. There were no non compliances identified during this focused inspection.

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**Prepared By:**

MICHAEL J SMITH, D.V.M.      USDA, APHIS, Animal Care

**Date:**

**Title:**      SUPERVISORY ANIMAL CARE      Inspector 5019

Jul-28-2007

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Jul-28-2007