



## Inspection Report

UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 001

985810 NEBRASKA MEDICAL CENTER

NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

Date: Feb-03-2010

OMAHA, NE 68198

### 2.31 (c) (3)

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

(3) Prepare reports of its evaluations conducted as required by paragraphs (c)(1) and (2) of this section, and submit the reports to the Institutional Official of the research facility. . . If program or facility deficiencies are noted, the reports must contain a reasonable and specific plan and schedule with dates for correcting each deficiency. . .

\*\*\*\*\*

The past two reports concerning semi-annual program review and facility inspection were examined. In both reports provided to the Institutional Official the IACUC failed to include a plan for correcting each deficiency that was identified. A reasonable and specific plan and schedule with dates for correcting each deficiency is required in order to ensure that the facility and program stays in compliance with the regulations. The IACUC must ensure that all reports to the Institutional Official concerning semi-annual program review and facility inspections contain a reasonable and specific plan and schedule with dates for correcting each deficiency identified.

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TO BE CORRECTED from this date forward

### 2.31 (d) (1) (iii)

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

(d) IACUC review of activities involving animals. (iii) The principal investigator has provided written assurance that the activities do not unnecessarily duplicate previous experiments;

\*\*\*\*\*

Protocol 00-0004 does not contain a written assurance that the activities do not unnecessarily duplicate previous experiments. Assurances that activities do not unnecessarily duplicate previous experiments are required in order to prevent the unnecessary use of animals. The IACUC must ensure that all principal investigators provide written assurances that the activities do not unnecessarily duplicate previous experiments.

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TO BE CORRECTED BY: March 15, 2010

#### Prepared By:

KATHERYN ZIEGERER, D.V.M. USDA, APHIS, Animal Care

#### Date:

Title: VETERINARY MEDICAL OFFICER Inspector 5052

Feb-05-2010

#### Received By:

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

#### Date:

Title:

Feb-05-2010



## Inspection Report

2.31 (d) (1) (x) (A)

### 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: (x) No animal will be used in more than one major operative procedure from which it is allowed to recover, unless: (A) Justified for scientific reasons by the principal investigator, in writing;

\*\*\*\*\*

Some animals on protocol 08-123 undergo up to three major survival operative procedures. Some animals on protocol 97-032 undergo more than one major survival operative procedures. Neither of these protocols include a written, scientific justification from the principal investigator for requiring the animals to undergo more than one major survival operative procedure. A written scientific justification for an animal to undergo more than one major operative procedure from which it is allowed to recover is required in order to protect the health and well-being of the animals. The IACUC must ensure that all protocols that require animals to undergo more than one major operative procedure from which they are allowed to recover are justified for scientific reasons by the principal investigator in writing.

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TO BE CORRECTED BY: March 15, 2010

2.31 (d) (1) (x) (C)

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

(x) No animal will be used in more than one major operative procedure from which it is allowed to recover, unless: (A) Justified for scientific reasons by the principal investigator, in writing; (B) Required as routine veterinary procedure or to protect the health or well-being of the animal as determined by the attending veterinarian; or (C) In other special circumstances as determined by the Administrator on an individual basis. Written requests and supporting data should be sent to the Animal and Plant Health Inspection Service, Animal Care, 4700 River Road, Unit 84, Riverdale, Maryland 20737-1234;

\*\*\*\*\*

Three dogs (ID# 630233, 654591, & 651001) underwent a major survival operative procedure on protocol 05-013. These dogs were then transferred to protocol 02-001 where they each underwent a second major survival operative procedure. The research facility did not request approval from the Administrator to allow these dogs to under multiple major procedures from which they are allowed to recover on two different protocols. Approval to allow a dog to be used in more than one protocol involving major survival operative procedures is required in order to protect the health and well-being of the animals. The research facility must ensure that animals are not used in more than one protocol involving major operative procedures from which they are allowed to recover unless approval has been obtained from

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## Inspection Report

the Administrator by submitting a written request and supporting data to the Animal and Plant Health Inspection Service, Animal Care, 4700 River Road, Unit 84, Riverdale, Maryland 20737-1234.

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TO BE CORRECTED from this date forward

### 2.31 (e) (3)

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

(e) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following: (3) A complete description of the proposed use of the animals;

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During a terminal teaching lab (protocol 05-013), two procedures were demonstrated on two dogs (ID# 753149 & 756326) that were not included in the IACUC approved protocol. Proposals to conduct activities involving animals must contain a complete description of the proposed use of the animals so that the IACUC can ensure that activities are in compliance with the Animal Welfare Act standards and regulations. The IACUC must ensure that all proposals to conduct animal activities contain a complete description of the proposed use of the animals.

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This item has been corrected.

### 2.31 (e) (5)

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

(e) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following: (5) A description of any euthanasia method to be used.

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Protocol 98-0241 states that animals will be euthanized with an overdose pentobarbital. On 9/2/2009, a rabbit was given pentobarbital for euthanasia by a post doc, which did not successfully euthanize the animal. The post doc then administered "30 cc of air i.v." to euthanize the animal. Proposals to conduct an activity involving animals must contain a description of any euthanasia method to be used so that the IACUC can ensure that an appropriate method is being utilized. The IACUC must ensure that all proposals to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, contains a description of any euthanasia method to be used.

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This item has been corrected.

### 2.33 (b) (5)

#### ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include: (5) Adequate pre-procedural and post-procedural care in accordance with current established veterinary medical and nursing procedures.

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#### Date:

#### Title:

VETERINARY MEDICAL OFFICER Inspector 5052

Feb-05-2010

#### Received By:

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

#### Date:

#### Title:

Feb-05-2010



## Inspection Report

On 9/2/2009 a rabbit on protocol 98-0241 was injected with pentobarbital for euthanasia. The protocol states that "the rabbits will be monitored for cessation of respiration and heart beats for 5 min" after euthanasia. The post doctoral student did not verify death prior to giving the animal to another individual for postmortem sampling. This individual then discovered that that the animal was not deceased, but instead was anesthetized and was continuing to breathe. Confirmation of death after euthanasia is part of standard veterinary care and is done in order to protect the welfare of the animals. The research facility must ensure that death is confirmed after all euthanasias

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This item has been corrected.

**2.36** (b) (3)

### ANNUAL REPORT.

(b) The annual report shall: (3) Assure that the facility is adhering to the standards and regulations under the Act, and that it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the IACUC. A summary of all such exceptions must be attached to the facility's annual report. In addition to identifying the IACUC-approved exceptions, this summary must include a brief explanation of the exceptions, as well as the species and number of animals affected;

\*\*\*\*\*

During the last three fiscal years a total of 13 pigs on protocols 03-076 and 00-004 were fasted for 48 hours. None of the annual reports covering these time periods included notification that the IACUC had approved any exceptions to the standards and regulations under the Act. Registrants must include notification of all exceptions to the standards and regulations that are approved in protocols along with the annual report in order to facilitate enforcement of the Animal Welfare Act. The registrant must amend the annual reports to include a summary of any exceptions granted by the IACUC during the respective reporting periods and ensure that all annual reports assure that the facility is adhering to the standards and regulations under the Act and, if the IACUC approved any exception in protocols, include a summary of the exceptions including a brief explanation of the exceptions as well as the species and number of animals affected.

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TO BE CORRECTED BY: March 15, 2010

**2.36** (b) (8)

### ANNUAL REPORT.

(b) The annual report shall: (8) State the common names and the numbers of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.

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Protocol 95-052 is a hamster breeding study. During the last two fiscal years, hamster pups have been born during the protocol that were euthanized and not used for experimental purposes. None of these animals were reported on the annual reports covering these time periods. Annual reports must accurately disclose the number of animals used in order to facilitate enforcement of the Animal Welfare Act. The registrant must amend the annual reports to include all animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery during the respective reporting periods and ensure that all annual reports accurately disclose the required information.

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#### Prepared By:

KATHERYN ZIEGERER, D.V.M. USDA, APHIS, Animal Care

#### Date:

Title: VETERINARY MEDICAL OFFICER Inspector 5052

Feb-05-2010

#### Received By:

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

#### Date:

Title:

Feb-05-2010



## Inspection Report

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TO BE CORRECTED BY: March 15, 2010

**3.125** (a)

### FACILITIES, GENERAL.

(a) Structural strength. The facility must be constructed of such material and of such strength as appropriate for the animals involved. The indoor and outdoor housing facilities shall be structurally sound and shall be maintained in good repair to protect the animals from injury and to contain the animals.

\*\*\*\*\*

A room used to house 3 pigs has a nonfunctional heater on the wall that has exposed, sharp point underneath within reach of the animals. During the inspection, at least one pig was observed touching the underside of the heater with its snout. The sharp edges could injure the animals. The research facility must ensure that all animal facilities are kept in good repair to protect the animals from injury at all times.

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TO BE CORRECTED BY: February 15, 2010

This routine inspection was conducted by Katheryn Ziegerer, VMO, Natalie Cooper, VMO, and facility representatives on February 3 and 4, 2010. An exit conference was conducted on February 5, 2010.

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**Prepared By:**

KATHERYN ZIEGERER, D.V.M. USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER Inspector 5052

**Date:**

Feb-05-2010

**Received By:**

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

**Date:**

Feb-05-2010

**Title:**



## Inspection Report

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UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: **1551**

Certificate: **47-R-0018**

Site: 001

985810 NEBRASKA MEDICAL CENTER

NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

Date: Sep-22-2009

OMAHA, NE 68198

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No non-compliances seen on this inspection.

Inspection of the animals and facilities was performed on Monday, September 21, 2009, and the records were reviewed on Tuesday, September 22, 2009.

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**Prepared By:**

DAVID KAMINSKY, V.M.O      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5040

Sep-22-2009

**Received By:**

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

**Date:**

**Title:**

Sep-22-2009



## Inspection Report

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UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 001

NEBRASKA MEDICAL CENTER

985810 NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

Date: Sep-03-2008

OMAHA, NE 68198

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No non-compliant items were identified during this routine inspection.

This inspection was conducted by Katheryn Ziegerer, VMO, and facility representatives. An exit conference was conducted at the time of the inspection.

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**Prepared By:**

KATHERYN ZIEGERER, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 5052

Sep-03-2008

**Received By:**

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

**Date:**

**Title:**

Sep-03-2008



## Inspection Report

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UNIVERSITY OF NEBRASKA MEDICAL

Customer ID: **1551**

985810 NEBRASKA MEDICAL CENTER

Certificate: **47-R-0018**

Site: 003

UNIVERSITY OF NEBRASKA MEDICAL

OMAHA, NE 68198

Type: ROUTINE INSPECTION

Date: Feb-17-2009

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There were no items documented.

This is a transcribed copy of the original inspection report.

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**Prepared By:**

RUTH BAKKER, V.M.O.                      USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 4029

Mar-24-2009

**Received By:**

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

**Date:**

**Title:**

Mar-24-2009





## Inspection Report

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UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 003

UNIVERSITY OF NEBRASKA MEDICAL CENTER

985810 NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

OMAHA, NE 68198

Date: Feb-19-2008

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There were no items documented at the time of this inspection.

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**Prepared By:**

RUTH BAKKER, D.V.M. USDA, APHIS, Animal Care

**Date:**

**Title:** VETERINARY MEDICAL OFFICER Inspector 4029

Feb-19-2008

**Received By:**

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

**Date:**

**Title:**

Feb-19-2008