



AUG 1 1 2005

DBARKSDALE

**INSPECTION REPORT**

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7218 site\_id

**UNIVERSITY OF WISCONSIN-  
MADISON**  
RESEARCH ANIMAL RESOURCES CT

Customer ID: 616  
Certificate: 35-R-0001

Site: 001  
ALL CAMPUS SITES

DIRECTOR RESEARCH ANIMAL RESOURCES CENTER  
1710 UNIVERSITY AVENUE 396 ENZYME INST  
MADISON, WI 53726 4087

Inspection  
Type: ROUTINE INSPECTION  
Date: JUL-19-2005

2.31 ( d X 1 X vii )

2.31 ( d X 5 )

**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:.....

.....(vii) Medical care for animals will be available and provided as necessary by a qualified veterinarian;

\*\*Upon review of records and protocol for the research conducted by the principal investigator in Building H, several discrepancies were apparent;

-In the protocol approved 5/2004 and signed by both the attending veterinarian and the IACUC Chair, question #19 clearly states; "A veterinarian will be called for those animals which show signs of distress or infections not handled by antibiotics..." According to animal care staff, the attending veterinarian has not and would not be utilized, which is a deviation from the approved protocol. Upon further questioning, animal care staff indicated the only instance in which the attending veterinarian visited the facility was during the semi-annual IACUC site inspections.

The IACUC is responsible for the appropriate monitoring of animal use activity at the research facility to ensure investigator compliance with the IACUC-approved protocol.

Correct by August 16, 2005

(d) IACUC review of activities involving animals.....

.....(5) The IACUC shall conduct continuing reviews of activities covered by this subchapter at appropriate intervals as

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determined by the IACUC, but not less than annually;.....

\*\*Review of the records for the IACUC site inspection conducted on 10/31/04 at Building H indicated the "water bowls should be cleaned." USDA inspections conducted on 5/10/05 and 7/19/05 found the same deficiencies. When questioned animal care staff indicated the deficiencies would be corrected prior to the AALAAC inspection in October although no animals have been housed in the facility since 5/2/05.

The IACUC is responsible for the appropriate monitoring of animal use activity at the research facility to detect deviations from the Animal Welfare Act regulations and standards in addition to ensuring investigator compliance.

Correct by August 16, 2005

**2.32 ( a )**

**PERSONNEL QUALIFICATIONS.**

(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.....

\*\*Janitorial and engineering staff from an outside source (Building H) are utilized in the husbandry and care of animals in Building H. It is unclear if these individuals have been properly trained in the handling and care of the animals housed in the facility.

The IACUC is responsible for the appropriate monitoring of animal use and activity at the research facility to ensure proper care of the animals.

Correct by August 16, 2005

**2.33 ( a ) ( 2 ) REPEAT NCI**

**2.33 ( b ) ( 3 ) REPEAT NCI**

**2.33 ( b ) REPEAT NCI**

**ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

(a) Each research facility shall have an attending veterinarian who shall provide adequate veterinary care to its animals in compliance with this section:.....

....(2) Each research facility shall assure that the attending veterinarian has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use;.....

\*\*When questioned about contacting the attending veterinarian for veterinary care issues, the animal care staff at Building H indicated they have never consulted with the attending veterinarian. Upon further inquiry, animal care staff indicated they have only had problems with catheters; therefore, they should not have to contact the veterinarian for every minor issue. The

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attending veterinarian does not have access to the animal facility. In order to gain access to the facility housing the animals, only research staff and/or housekeeping staff have access to the animals. Animal care staff indicated the attending veterinarian has only been at the facility for the periodic IACUC inspections.

The attending veterinarian must have authority to oversee all animal husbandry practices and the role of the attending veterinarian must be understood by all animal care staff members.

Correct by August 16, 2005

(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;.....

\*\*At 7:00 a.m. on July 5 in Building G, dog #458783 was found dead in the kennel by animal care staff. According to the necropsy report dated 7/5/05, the cause of death was severe end stage renal disease with uremia. The gross necropsy findings indicated the animal weighed 10.89kg (24.5lb),"showing prominent skeletal structure and sunken in eyes, with little to no subcutaneous fat." Upon review of the clinical records for #458783, several discrepancies were apparent:

- \*3/18, 5/4, 5/7 and 5/15/05 - notations were made indicating vomit being present in the kennel.
- \*5/16/05 - a notation was made indicating vomiting and weight loss (18.5 kg to 17.2 kg).
- \*5/19/05 - although blood was drawn by the research staff which showed abnormal kidney values (BUN 176 mg/dl) no notation was made in the clinical record. Neither the principal investigator nor the attending veterinarian were notified of the health status of the animal.
- \*6/12, 6/30/05 - clinical records indicate the dog was still "vomiting, not eating and appeared dehydrated and thin." No notation by animal care staff to contact the attending veterinarian and/or research staff.
- \*7/4/05 - a notation was made by animal care staff at 10:30 a.m. indicating the dog was in distress; "panting heavily, unresponsive to sound and movement, vomit present in kennel, appearance that of skin and bones." 11:30 a.m. - research staff noted "animal lethargic, weighed 14.8 kg, will consult attending veterinarian and bloodwork." There is no notation in the clinical records indicating a veterinarian was contacted to examine the animal.
- \*7/5/05 - 7:00 a.m. dog #458783 was found dead in kennel.

It is the responsibility of the research facility and staff to have a mechanism of direct and frequent communication to ensure problems of animal health and/or behavior are conveyed in a timely manner to the attending veterinarian. Each research facility is required to establish and maintain programs of adequate veterinary care to maintain the health and well-being of the animals.

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(3) Cleaning. Hard surfaces with which the dogs or cats come in contact must be spot-cleaned daily and sanitized in accordance with Sec. 3.11(b) of this subpart to prevent accumulation of excreta and reduce disease hazards..... All other surfaces of housing facilities must be cleaned and sanitized when necessary to satisfy generally accepted husbandry standards and practices. Sanitization may be done using any of the methods provided in Sec. 3.11(b)(3) for primary enclosures.....

\*\*The daily logs for K4/145, K4/143 had not been updated to indicate sanitization for the month of July. The primary enclosures should be sanitized in a manner to provide adequate husbandry and promote the health and well-being of the animals.

This is a follow-up inspection to the previous inspection conducted in April and May 2005.

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