



**INSPECTION REPORT**

**UNIVERSITY OF MISSOURI-  
KANSAS-KANSAS CITY**

**Customer ID: 1462  
Certificate: 43-R-0047**

**Site: 001  
UNIVERSITY OF MISSOURI**

**OFFICE OF RESEARCH ADMIN  
5100 ROCKHILL RD  
KANSAS CITY, MO 64110 -249**

**Inspection  
Type: ROUTINE INSPECTION  
Date: MAY-19-2006**

**2.31 ( d ) ( 1 )**

**2.31 ( e ) ( 2 )**

**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:

(i) Procedures involving animals will avoid or minimize discomfort, distress, and pain to the animals;

(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.

\* In rabbits are used in a terminal surgical procedure; however, the rabbits are maintained under injectable anesthesia for a significant amount of time before euthanasia occurs. There is no description of pre- and intra-operative monitoring described in the protocol. There are no surgical records kept, and a discussion with the personnel performing the surgical procedures revealed that pre- and intra-operative monitoring is inadequate to assure that these animals are maintained at a sufficient anesthetic plane for surgery and do not experience pain or distress during the procedure.

involves a survival surgery using injectable anesthesia. There is a brief description of pre-and post-operative monitoring described in the protocol, but no intra-operative monitoring is described. The medical records provided were inadequate to determine if adequate induction, monitoring and recovery is done to assure that these animals do not experience pain or distress before, during and after the procedure.

Established veterinary medical and nursing practices include pre-, intra and post-operative monitoring of surgical procedures to assure humane treatment of animals. It is necessary for the facility to provide specific details of pre- and post-procedural care and relief of pain and distress in all animal activity proposals involving surgery and the facility should assure that adequate monitoring is performed before, during and after the procedures to minimize discomfort, distress, and pain to the animals.

A copy of Policy 3 was provided to the institution for consideration.

To be corrected before the next surgical procedure..

**Prepared By:**

TANYA TIMS, V.M.O. , USDA, APHIS, Animal Care

**Title:** ~~VETERINARY MEDICAL OFFICER~~ Inspector ID: 5045

**Date:**  
MAY-22-2006

**Received By:**

**Title:**

**Date:**  
MAY-22-2006



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(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:

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

\* 2 did not adequately provide a rationale for the number of animals to be used in the narrative. A "typical" number is listed for the type of studies being done. References were listed for justification, but the references were not available for review at the time of inspection. The number of animals required should be clearly and scientifically justified to assure that no more animals are used than are necessary for scientific validity. All proposals to conduct an activity involving animals must contain a rationale for the numbers of animals to be used and the rationale must be made available to the inspector at the time of inspection.

To be corrected by: 06-19-06.

2.33 (b)(4)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(4) Guidance to principal investigators and other personnel involved in the care and use of animals regarding handling, immobilization, anesthesia, analgesia, tranquilization, and euthanasia.

\* In rabbits are used in a terminal surgical procedure; however, the rabbits are maintained under injectable anesthesia for a significant amount of time before euthanasia occurs. There are no surgical records kept, and a discussion with the persons performing the surgical procedures revealed that the pre- and intra-operative monitoring is inadequate to assure that these animals are maintained at a sufficient anesthetic plane for surgery and do not experience pain or distress during the procedure. The personnel involved in these procedures stated that the attending veterinarian has not been consulted to provide guidance in these procedures.

\* involves a survival surgery using injectable anesthesia. The medical records provided were inadequate to determine if adequate induction, monitoring and recovery is done to assure that these animals do not experience pain or distress before, during and after the procedure. It was conveyed to the inspector by other personnel involved in the care of these animals that post-operative monitoring is not always done until the animal recovers. The personnel involved in these procedures stated that the attending veterinarian has not been consulted to provide guidance in these procedures.

The attending veterinarian has the knowledge and experience to assure the humane treatment of the animals involved in surgical procedures, therefore the attending veterinarian should be consulted in all practices that could cause pain or distress. The specific details must be approved by the attending veterinarian and appropriate peri-operative records must be maintained in accordance with professionally accepted veterinary procedures. The research facility shall ensure that adequate veterinary care, including guidance to principal investigators and other personnel involved in the care and use of animals regarding handling, immobilization, anesthesia, analgesia, tranquilization, and euthanasia occurs in all procedures involving species covered in this act.

A copy of Policy 3 was provided to the institution for consideration.

To be corrected before the next surgical procedure.

This routine inspection was conducted by Tanya Tims (VMO) and facility personnel.

Prepared By: T. Tims

TANYA TIMS, V.M.O., USDA, APHIS, Animal Care

Title: ~~VETERINARY MEDICAL OFFICER~~ Inspector ID: 5045

Date: MAY-22-2006

Received By: \_\_\_\_\_

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