



## Inspection Report

Florida State University  
107 Chieftan Way  
Lab Anml Rscs 101 Biomed Rsch Fac  
Tallahassee, FL 32306

Customer ID: **873**  
Certificate: **58-R-0001**  
Site: 001  
FLORIDA STATE UNIVERSITY

Type: ROUTINE INSPECTION  
Date: 20-JUN-2017

### 2.31(d)(1)(ix) CRITICAL

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

A researcher was not following their approved post-surgical care protocol for hamsters and not providing analgesia medications. The category D protocol (#1632) described postoperative pain control procedures including at a minimum an injection of buprenorphine immediately postoperatively. Procedure/treatment cards, observed at the time of the inspection, showed that no buprenorphine had been given to the first set of animals (approximately 17 of them) undergoing the surgery between the dates of June 9 -14, 2017. When the attending veterinarian was notified of a hamster that was not doing well after the surgery, she discovered the omission of buprenorphine. The IACUC must ensure that activities that involve surgery must include appropriate provisions for post-operative care of the animals and that researchers and staff are trained in appropriate surgical and postoperative care. The lack of appropriate post-operative analgesics, as approved by the IACUC, can result in unnecessary discomfort and pain for the hamsters.

The following corrective action has been taken: The attending veterinarian stated that a review, observation, and corrections of the surgical procedures and care was conducted and staff were re-instructed on following protocols as approved. Treatment cards starting on June 14, 2017 indicated that buprenorphine was being administered. Appropriate changes were instituted by the attending veterinarian to correct this noncompliance.

### 2.31(e)(3) CRITICAL

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

A principal investigator conducted a surgical procedure on hamsters using a surgical approach and post-operative care that was not approved in their protocol. The procedures/approach that were used differed significantly from the IACUC approved protocol. An animal was euthanized following complications in this surgical procedure. The category D protocol (#1632) for hamsters contained an ovariectomy procedure indicating the use of a ventral midline approach. At the time of inspection, multiple hamsters on this protocol were observed to have lateral flank incisions. The IACUC approved post-operative procedures also included pain management with buprenorphine, but this was not provided for the initial set of animals.

The attending veterinarian indicated that she was notified by the staff caring for the animals that one of the first animals to have surgery was not doing well. After assessing the animal it was euthanized and a necropsy was performed. The veterinarian indicated that the incision site had not been sutured closed appropriately and there was

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intestinal herniation/entrapment. Two additional hamsters have been euthanized post-operatively but the cause is still under investigation. The veterinarian stated that a review, observation, and corrections of the surgical procedures and care was conducted and staff were re-instructed on following protocols as approved. Written reports on the this incident and corrective action were not yet available at the time of the inspection. The attending veterinarian stated that a revision of the protocol is being submitted by the researcher to the IACUC and that they plan to report the matter to OLAW.

A proposal to conduct an activity involving animals or to make significant changes in an ongoing activity involving animals must contain a complete description of the proposed use of the animals and must be approved by the IACUC. Changes to procedures must be approved prior to their implementation to ensure the changes are in accordance with this subchapter and to ensure the procedures avoid or minimize discomfort, distress, and pain to the animals. Failure to have the changes approved by the IACUC can lead to unnecessary pain, discomfort and distress. The researcher must submit a proposal that accurately describes the procedures to be performed and demonstrate that personnel performing the procedures are adequately trained.

Correct from this point forward.

This inspection and exit interview were conducted with the attending veterinarian.

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## Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
873	58-R-0001	001	FLORIDA STATE UNIVERSITY	20-JUN-17

Count	Scientific Name	Common Name
000037	<i>Mesocricetus auratus</i>	SYRIAN / GOLDEN HAMSTER (COMMON PET/RESEARCH TYPE)
000312	<i>Microtus ochrogaster</i>	PRAIRIE VOLE
<b>000349</b>	<b>Total</b>	