



Inspection Report

Univ Of Oklahoma-Norman
633 Elm St
Norman, OK 73019

Customer ID: 1450

Certificate: 73-R-0100

Site: 001

UNIVERSITY OF OK-NORMAN, COLLEGE OF A & S

Type: ROUTINE INSPECTION

Date: Jul-02-2014

2.31 (c) (2)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

The semiannual facility review conducted on 4 April 2014 does not indicated that any chinchillas or chinchilla housing areas were inspected. However, records for Protocol R 14-009 indicate that from March to April 2014, there were chinchillas being actively used. On the Program Review under the section titled "Inspection of Facilities", there is only one reference to chinchillas. The report states " . . . a new chinchilla order will soon return these animals to housing". Based on this report, it is unclear if the chinchilla housing area was inspected at all. The semiannual facility review must cover all of the animal facilities, including animal study areas. Future reports must clearly indicate which areas of the facility were inspected, and any deficiencies or findings.

Correct from this point forward.

2.31 (d) (1) (iv) (A)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

The IACUC approved animal use activity (protocol R14-009) involving chinchillas stated " To reduce pain or distress that may result from the OM, the analgesic Buprenorphine at 0.04 - 0.05 mg/kg, SC or IM will be administered twice a day throughout the post-inoculation period or by mixing Buprenorphine with drinking water at 0.006 mg/ml to release discomfort for animals." The medical records and surgery records do not indicate a time, amount, or frequency of buprenorphine administration. Also surgery records indicate the protocol was not followed in regards to the post-operative pain management. The PI stated that they were not giving Buprenorphine anymore. Pain medication had been given in the past, per the PI, but based on their judgement it was not necessary. Specifically chinchillas number 13-1-3, 13-1-4, 13-1-6, 13-1-7, 13-1-14 and 13-1- 15 did not received pain management pre-operative or peri-operative during procedures conducted between 14 May 2014 through 14 June 2013.

The failure to follow the protocol and administer the burprenorphine as approved, at the prescribed times and dosages, may have caused the animals undue pain and distress. The IACUC must ensure that all responsible personnel follow the approved protocol and that protocols are reviewed and amended as needed.

Correct from this point forward.

Prepared By:

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Date:

Jul-08-2014

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2.31 (d) (5)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

The IACUC did not conduct appropriate reviews of the animal activities for protocols R14-009 and R14-001, to ensure that the principal investigators are following the approved protocols. The animal use activity involved chinchillas for both protocols.

The principal investigator for protocol R 14-009 and R 14-001 did not follow the approved protocol. In the section labeled "Describe the the procedures that may cause pain and/or distress to the animal", the protocol states "...animals in the Exp. Groups will be anesthetized with 0.1ml of a mixture of ketamine (20 mg/ml), xylazine (20 mg/ml), and acepromazine (1 mg/ml) injected im."

There is no record to indicate that acepromazine was administered to any of the test animals.

Protocol R 14-009 further describes monitoring procedures for the period after the procedure is conducted. The protocol states - "We will evaluate daily symptoms of distress or severe discomfort such as abnormal body temperature (body temperature higher than 108 F vs. normal range of 99 - 103 F), labored breathing, dehydration, abnormal vocalization, movement disorders, and severe deterioration of grooming during the post-challenge period." All of the animal health records for active chinchilla protocols were reviewed included the " Individual Animal Record", " Daily Log ", " Surgery Record ", and " Procedure Notes" and there is no indication that these parameters were monitored or recorded.

Regarding anesthesia monitoring, Protocols R14-009 and R14-001 state "The degree of anesthesia will be judged from the leg withdrawal response to a toe pinch" for monitoring of animals during and after surgery. There is no record of any anesthetic monitoring taking place, and without adequate documentation it is impossible to evaluate if the current anesthetic protocol is appropriate.

The IACUC is required to conduct continuing review of all animal activities in order to ensure that they are conducted in compliance with the Animal Welfare Act regulations, and in order to ensure that the animals do not experience any undue pain and suffering. The IACUC must conduct continuing review of all activities involving animals in order to ensure that all animal activities are conducted as stated in the approved protocols and in compliance with these regulations.

Correct from this point forward.

3.131 (c)

SANITATION.

- The room housing the chinchillas had a heavy accumulation of shavings and droppings on the floor. An air vent in the room had an excessive amount of dust and hair accumulated on the frame. There were also multiple areas of peeling paint on the floor and walls of the room. Lack of cleaning and maintenance can lead to unsanitary conditions which may negatively impact the health of the enclosed animals. Premises

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must be kept clean and in good repair at all times.
Correct by: 13 July 2014

Inspection and exit interview conducted with facility representatives.

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