



Inspection Report

Wake Forest University
MEDICAL CENTER BOULEVARD
WINSTON SALEM, NC 27157

Customer ID: **825**
Certificate: **55-R-0001**
Site: 001
ANIMAL RESOURCES
PROGRAM/DOWNTOWN
CAMPUS

Type: ROUTINE INSPECTION
Date: 08-MAY-2023

2.32(a)

Personnel qualifications.

Three incidents concerning proper training of staff occurred over a 12 month period:

Nine cynomolgus monkeys received a medication daily for 9 days that was not described in the protocol covering those animals. The medication was intended for a different group of animals covered by that protocol. No adverse effects were noted in these animals as a result of this error.

A group of 8 cynomolgus underwent anesthesia and procedures not described in the protocol covering the use of these animals. The anesthesia and procedures were intended for a different group of animals covered by that protocol. No adverse effects were noted in these animals as a result of this error.

During a routine semiannual veterinary evaluation of a group of 5 cynomolgus monkeys, 2 animals were determined to have poor body condition scores (BCS) of 1.5 of 5. The IACUC-approved protocol outlining the care for these animals states that the group were to be weighed monthly, with the weight maintenance goal of 95% of free-feeding body weight,

Prepared By: MARY ANN MCBRIDE
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL OFFICER

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which equates to a BCS of 3 of 5. The remaining 3 animals in the group maintained adequate body condition.

Subsequent investigation of the animal care records showed that the animals had not been weighed per protocol between March and October, allowing the two animals' BCS to deteriorate unnoticed. The research staff did not follow the protocol-prescribed weight measurement criteria and failed to observe the declining health condition of the animals. Upon discovery of the animals with the poor BCS, the Attending Veterinarian reviewed and amended the dietary plan to ensure return to adequate BCS for this group of animals. The animals are returning to appropriate body condition.

Selecting and utilizing the wrong cohorts of animals for protocol-directed activities and not completing protocol-directed activities indicate that the personnel utilizing these animals were not properly qualified to perform these duties and their actions put the animals at risk of unnecessary discomfort, harm and increased stress.

Per the regulations, 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. Corrected prior to inspection.

2.33(b)(3)

Attending veterinarian and adequate veterinary care.

Four cynomolgus monkeys did not have normal access to water for a period of four days. Upon discovery of the lack of available water on a Monday, it was determined that the caging unit had not been properly reconnected to the water supply when it was serviced 4 days prior on a Thursday. Upon veterinary evaluation of the animals, one animal was dehydrated, but none exhibited significant impacts to their well-being. The weekend animal care staff failed to conduct adequate daily observations, including verification of adequate water supply, yet the daily logs were marked that these

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activities had been conducted.

Not conducting adequate daily observations of the animals coupled with the prompt reporting of these results to the AV can yield declining health statuses of the animals, including dehydration, loss of body condition and unnecessary physiological and psychological stress.

The regulations state that each research facility shall establish and maintain programs of adequate veterinary care that include: 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. Corrected prior to inspection.

This inspection and exit interview were conducted with the facility representatives.

Additional Inspectors:

MICHELLE WILLIAMS, VETERINARY MEDICAL OFFICER

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USDA, APHIS, Animal Care
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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
825	55-R-0001	001	ANIMAL RESOURCES PROGRAM/DOWNTOWN CAMPUS	08-MAY-2023

Count	Scientific Name	Common Name
000012	<i>Felis catus</i>	CAT ADULT
000166	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000281	<i>Macaca mulatta</i>	RHESUS MACAQUE
000028	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000025	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000354	<i>Chlorocebus pygerythrus</i>	VERVET
000033	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000899	Total	