



Inspection Report

Wake Forest University
Medical Center Blvd
Winston Salem, NC 27157

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

Type: ROUTINE INSPECTION
Date: 04-NOV-2024

2.31(c)(7) Repeat

Institutional Animal Care and Use Committee (IACUC).

Changes were made to procedures conducted on non-human primates without securing IACUC approval in advance. On June 10, 2024 and July 8, 2024, two cohorts of Cynomolgus macaques, consisting of a total of 16 adults, were kept in activity monitoring jackets for 4-6 days, several days past the protocol's maximum time of 48 hours. However, no animals experienced adverse effects due to this oversight.

Failure to secure IACUC approval for modifications to an approved protocol prior to enacting those changes does not afford the IACUC the opportunity to review the changes regarding the care and use of animals in ongoing activities and either approve, require modifications in, or withhold approval of the changes.

With respect to activities involving animals, the IACUC, as an agent of the research facility, shall: review and approve, require modification in (to secure approval), or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities.

2.38(f)(1) Critical

Miscellaneous.

Handling of animals at the facility was not done as expeditiously and carefully as possible, leading to the death of a non-human primate under anesthesia, and three non-human primates receiving injuries due to a fight.

On May 9, 2024, one (1) adult female cynomolgus macaque was sedated, anesthetized, and intubated as part of a routine CT imaging procedure. Supplemental flow-by oxygen was started but mistakenly connected to the animal's endotracheal tube, leading to excessive positive pressure, ultimately causing respiratory failure and death of the animal, despite emergency interventions.

On November 2, 2024, animal care staff accidentally opened two non-human primate enclosures, allowing a singly-housed adult male cynomolgus macaque to enter the enclosure of two (2) adult pair-housed male cynomolgus macaques. This led to a fight between the macaques, resulting in all three receiving multiple external injuries. The facility immediately

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took action to re-separate the males into their respective enclosures and administer veterinary care.

Failure to handle animals appropriately can lead to trauma, behavioral stress, and physical harm.

Correct by ensuring that all animals are handled as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

Correct by end of business, November 8, 2024. The facility took measures to identify the factors leading to the anesthetic death and have implemented several corrective actions to prevent recurrence.

This inspection and exit interview were conducted with facility representatives.

Additional Inspectors:

Rachel Perez-Baum, VETERINARY MEDICAL OFFICER

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
825	55-R-0001	001	ANIMAL RESOURCES PROGRAM/DOWNTOWN CAMPUS	04-NOV-2024

Count	Scientific Name	Common Name
000006	<i>Felis catus</i>	CAT ADULT
000159	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000263	<i>Macaca mulatta</i>	RHESUS MACAQUE
000005	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000040	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000018	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000353	<i>Chlorocebus aethiops</i>	AFRICAN GREEN MONKEY / GRIVET
000844	Total	