



Inspection Report

State University of New York

LEVEL 3, AML FAC 116 BIO MD BL
3435 MAIN STREET
BUFFALO, NY 14214

Customer ID: **389**

Certificate: **21-R-0051**

Site: 001

LABORATORY ANIMAL FACILITY

Type: FOCUSED INSPECTION

Date: 22-OCT-2024

2.31(c)(7)

Institutional Animal Care and Use Committee (IACUC).

Multiple pigs under protocol MED02011Y were found by veterinary staff to have been administered an antibiotic in a manner deviating from the IACUC-approved methods. Whereas the protocol prescribes a dosage based on individual body weights for surgery, investigators administered a fixed volume of 1mL to each individual. This resulted in some pigs receiving doses up to 4 times higher than would have been calculated. Multiple pigs were also administered injections of the antibiotic directly into surgical sites in addition to IACUC-approved administration routes. This further increases the administered dose and increases risk of adverse effects, though none were seen in any pig. The IACUC must review and have the ability to approve, require modification to, or withhold approval of significant changes regarding animal care and use.

Investigators have since restricted administration to IACUC-approved routes and revised dosing in consultation with veterinary staff.

Correct by November 6, 2024, or prior to future administration.

2.31(d)(1)(ix) Critical

Institutional Animal Care and Use Committee (IACUC).

Two pigs (identified SW-24-081 and SW-24-083) under protocol MED02011Y experienced infections of the neck following surgical placement of jugular vein catheters in May 2024, which the facility later presumed were due to lapses in aseptic technique. Veterinary staff subsequently monitored investigators during several procedures and identified multiple potential sources of contamination, though none of the other 22 animals under the protocol experienced infections. These concerns included insufficient gowning for surgeons, draping methods insufficient to prevent contamination during patient handling, and other techniques that may result in contamination of materials or the patient. The IACUC must assure survival surgery will be performed using aseptic procedures for the welfare of the animals.

The investigators have since undertaken multiple measures to improve techniques and IACUC oversight of animal activities, including the implementation of veterinary recommendations and providing the IACUC with regular review of procedures.

Prepared By: JASON SIFKAROVSKI
USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL
OFFICER

Date:
25-OCT-2024

Received by Title: Facility Representative

Date:
25-OCT-2024



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Correct by November 6, 2024, or prior to future survival surgery.

This inspection and exit interview were conducted with a facility representative.

Prepared By: JASON SIFKAROVSKI
USDA, APHIS, Animal Care

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OFFICER

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Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
389	21-R-0051	001	LABORATORY ANIMAL FACILITY	22-OCT-2024

Count	Scientific Name	Common Name
000000	NONE	NONE
000000	Total	