



Inspection Report

University of Kansas Medical Center
3901 RAINBOW BLVD
1040 WESCOE PAVILION - MS 2014
KANSAS CITY, KS 66160

Customer ID: **1460**
Certificate: **48-R-0003**
Site: 001
UNIVERSITY OF KANSAS
MEDICAL CENTER

Type: FOCUSED INSPECTION

Date: 07-JUN-2023

2.32(a) Critical

Personnel qualifications.

On 6/30/2022, a Vervet (#2226) died while under anesthesia during a surgical procedure to implant a headcap. Anesthesia was administered and monitored by the Attending Veterinarian (AV) and a Research Assistant (RA) during initial surgery preparation and the first hour of the surgery. At that point the AV departed leaving the RA in charge of anesthesia with instructions to contact the AV if any issues arose. 25 minutes later the Vervet's head became dislodged from the apparatus that kept it stable during surgery. The head was quickly replaced into the apparatus. The lead surgeon asked the RA to confirm the status of the endotracheal tube, and correct placement was assumed due to "frosting" or appearance of vapor within the tube walls. About 15 minute later monitoring devices began to register declining blood oxygen levels and the pulse derived from the ECG monitor was lost. The RA believed these were possible mechanical failures and began monitoring heart rate using a stethoscope. Surgery was concluded about 1 ½ hours later and the AV returned. Once the Vervet was taken off the ventilator, there was no spontaneous respiration, and heart sounds could not be heard using the stethoscope. The Vervet was pronounced dead moments later. The facility believes that the endotracheal tube may have become dislodged during surgery leading to hypoxia and eventual cardiac injury. It is the opinion of both the AV and RA that the RA did not have sufficient training to properly respond to the situation. The health and wellbeing of animals, especially during complex surgical procedures requiring prolonged and properly monitored and regulated anesthesia, depends on staff that have the proper training and experience to perform their duties. It is the responsibility of the research facility to ensure that all scientists, research assistants, and other personnel involved in animal care, treatment, and use are qualified to perform their duties. The RA in this incident is no longer administering or monitoring anesthesia unsupervised and is receiving additional training.

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

Prepared By: WILLIAM JANECKE
USDA, APHIS, Animal Care
Title: VETERINARY MEDICAL
OFFICER

Date:
08-JUN-2023

Received by Title: Attending Veterinarian

Date:
08-JUN-2023



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
1460	48-R-0003	001	UNIVERSITY OF KANSAS MEDICAL CENTER	07-JUN-2023

Count	Scientific Name	Common Name
000000	NONE	NONE
000000	Total	