



United States Department of Agriculture  
Animal and Plant Health Inspection Service

SBRUNKHORST  
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## Inspection Report

VANDERBILT UNIVERSITY MEDICAL CENTER  
1161 21ST AVE S MCN AA 6206  
NASHVILLE, TN 37232

Customer ID: **335389**

Certificate: **63-R-0129**

Site: 001

VANDERBILT UNIVERSITY VICE  
PROVOST FOR RESEARCH

Type: ROUTINE INSPECTION

Date: 27-APR-2021

**2.38(f)(1) Critical**

### Miscellaneous.

On August 17, 2020 the Principal Investigator (PI) and lab staff on protocol M1900083 used four guinea pigs for intubation and ventilator testing. The PI did not communicate the date, time or nature of the procedures to either the facility veterinary staff or surgical research training personnel in advance as required by the IACUC in the approved protocol. The ventilator testing was not successful, and the animals were not fully anesthetized. All four animals died immediately to within minutes. The PI did not report these unexpected deaths to the veterinary staff or the IACUC. A veterinary technician manager who became aware of the issues the next day while the PI anesthetized and attempted to intubate another guinea pig reported the issues. The IACUC completed a lengthy investigation and determined that the animals experienced undue pain and/or distress during the procedure to test the ventilator.

The guinea pigs in this instance were handled by the PI without the oversight intended by the IACUC. The handling was not done as carefully as possible and caused undue pain and/or distress to the guinea pigs. All animal handling including study manipulations and immobilizations must be done as expeditiously and carefully as possible in a manner that does not cause trauma, stress, physical harm or unnecessary discomfort.

The IACUC suspended the protocol on Aug. 26, 2020.

Corrected prior to this inspection.

**Prepared By:** SUSANNE BRUNKHORST

USDA, APHIS, Animal Care

**Date:**

30-APR-2021

**Title:** VETERINARY MEDICAL  
OFFICER

**Received by Title:** Attending Veterinarian

**Date:**

30-APR-2021



## Inspection Report

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### 3.75(c)(3)

#### Housing facilities, general.

An accumulation of fecal material, some of it dried, was noted on hard surfaces that the squirrel monkeys come in contact with inside their enclosures. It was especially noted on the hard PVC type hiding tubes and other enrichment devices. A review of the cleaning and sanitation schedules and log sheets indicated that daily cleaning of the enclosure trays was occurring but the hard surfaces within the enclosures were routinely cleaned as part of the regular weekly full cage cleaning/sanitization.

Hard surfaces with which nonhuman primates come in contact must be spot-cleaned daily to prevent accumulation of excreta or disease hazards.

Correct by 5/3/2021.

This inspection was conducted with DAC and OAWA representatives.

The exit interview was conducted with the Attending Veterinarian, the IACUC chair and other facility representatives.

Additional Inspectors:

Jeffrey Shepherd, SUPERVISORY ANIMAL CARE SPECIALIST

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**Prepared By:** SUSANNE BRUNKHORST  
USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL OFFICER

**Date:**  
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**Received by Title:** Attending Veterinarian

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### Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
335389	63-R-0129	001	VANDERBILT UNIVERSITY VICE PROVOST FOR RESEARCH	27-APR-2021

Count	Scientific Name	Common Name
000010	<i>Canis lupus familiaris</i>	DOG ADULT
000047	<i>Galago senegalensis</i>	NORTHERN LESSER BUSHBABY
000004	<i>Saimiri boliviensis</i>	BLACK-CAPPED SQUIRREL
000014	<i>Saimiri sciureus</i>	MONKEY
000002	<i>Macaca fascicularis</i>	COMMON SQUIRREL MONKEY
000048	<i>Macaca mulatta</i>	CRAB-EATING MACAQUE /
000004	<i>Macaca radiata</i>	CYNOMOLGUS MONKEY
000003	<i>Ovis aries aries</i>	RHESUS MACAQUE
000102	<i>Meriones unguiculatus</i>	BONNET MACAQUE
000004	<i>Cavia porcellus</i>	SHEEP INCLUDING ALL
000004	<i>Sus scrofa domestica</i>	DOMESTIC BREEDS
000021	<i>Tupaia glis</i>	MONGOLIAN GERBIL (COMMON
000263	<b>Total</b>	PET / RESEARCH VARIETY)
		DOMESTIC GUINEA PIG
		DOMESTIC PIG / POTBELLY PIG /
		MICRO PIG
		COMMON TREE SHREW