



Inspection Report

CHILDRENS HOSPITAL OF PHILADELPHIA
3615 CIVIC CENTER BOULEVARD
PHILADELPHIA, PA 19104

Customer ID: **337**

Certificate: **23-R-0033**

Site: 001

COLKET TRANSLATIONAL
RESEARCH BLDG

Type: ROUTINE INSPECTION

Date: 28-JUL-2021

2.32(b)

Personnel qualifications.

On January 7, 2021, investigators identified a lamb on study with stomach distention. In the clinical interest of the lamb, the investigators passed a stomach tube to relieve the bloated stomach of the lamb. The procedure was approved for ewes under the IACUC approved protocol; however, the procedure was not approved in lambs. The procedure to pass a stomach tube in lambs was an approved procedure on the primary investigator's other IACUC approved protocol. The clinical veterinarian on rounds at the time, noticed the incident, assessed the animal, and administered veterinary care to the lamb. Stomach distension in lambs was not listed in the IACUC approved protocol as a potential adverse condition, nor was the treatment for that condition described. The primary investigators must receive training to communicate these issues to the veterinarian if it is not approved by the IACUC. After this incident, the principal investigator submitted an amendment to add the procedure of passing a stomach tube in lambs under the protocol. This amendment was reviewed and approved by the IACUC January 8, 2021.

Training and instruction shall be made available to personnel involved in animal care and use with sufficient frequency to fulfill the research facility's responsibilities under 2.31 of the AWR.

Prepared By: JESSICA GOWINS

USDA, APHIS, Animal Care

Date:

13-AUG-2021

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Attending Veterinarian

Date:

13-AUG-2021



Inspection Report

Corrections were instituted prior to the inspection to prevent recurrence.

3.53(a)(1) Critical

Primary enclosures.

In the months of April and May 2021, there were 6 reported incidents of rabbits escaping from their primary enclosures. According to facility documentation, the first three rabbits escaped from their enclosures on April 9th, May 1st and May 11th. After the rabbits escaped, staff attempted to secure the front of cages by placing metal rings on the affected enclosure doors.

Two of the rabbits that were able to escape, in separate incidents were injured as a result, one rabbit was found with a swollen and inflamed upper lip. This rabbit was examined and treated by the Veterinarian. In another incident on May 13th, a rabbit escaped from an enclosure on the top row, resulting in the rabbit becoming paralyzed. This rabbit was euthanized by the Veterinarian due to the injury sustained. The Department of Veterinary Resources then had the caging assessed by the vendor on May 14th and replacement parts were ordered.

One rabbit was able to escape from the same enclosure on May 22nd and May 24th through the back by pushing on the catch pan. The facility placed bolts to secure the pans and prevent movement. On May 25th the facility replaced all the door latches on the cages. The facility must ensure that primary enclosures are structurally sound and contain the rabbits.

The facility has corrected this item by replacing all door latches on all cages, an incident has not recurred since that time.

This inspection and exit interview were conducted with facility representatives.

This inspection was conducted 07/28/2021 to 07/29/2021.

Prepared By: JESSICA GOWINS

USDA, APHIS, Animal Care

Date:

13-AUG-2021

Title: VETERINARY MEDICAL
OFFICER

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Prepared By: JESSICA GOWINS

USDA, APHIS, Animal Care

Date:
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Title: VETERINARY MEDICAL
OFFICER

Received by Title: Attending Veterinarian

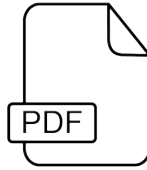
Date:
13-AUG-2021



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
337	23-R-0033	001	COLKET TRANSLATIONAL RESEARCH BLDG	28-JUL-2021

Count	Scientific Name	Common Name
000006	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000121	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000078	<i>Macaca mulatta</i>	RHESUS MACAQUE
000008	<i>Ovis aries aries</i>	SHEEP INCLUDING ALL DOMESTIC BREEDS
000025	<i>Oryctolagus cuniculus</i>	DOMESTIC RABBIT / EUROPEAN RABBIT
000008	<i>Chlorocebus aethiops</i>	AFRICAN GREEN MONKEY / GRIVET
000246	Total	



CFR:3.53(a)(1)

Photographer: Jessica Gowins

Certificate: 23-R-0033

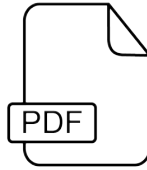
Date and Time: Wed Jul 28 20:02:00 GMT
2021

Legal Name: CHILDRENS HOSPITAL OF
PHILADELPHIA

Inspection No: 2016090000670841

Facility Name: COLKET TRANSLATIONAL RESEARCH
BLDG

Description: Timeline document for rabbits escaping from primary enclosures.



CFR:3.53(a)(1)

Photographer: Jessica Gowins

Certificate: 23-R-0033

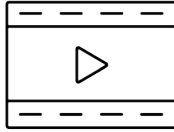
Date and Time: Mon Jun 28 20:08:00 GMT 2021

Legal Name: CHILDRENS HOSPITAL OF PHILADELPHIA

Inspection No: 2016090000670841

Facility Name: COLKET TRANSLATIONAL RESEARCH BLDG

Description: OLAW report that details rabbit escapes.



CFR:2.32(b)

Photographer: Jessica Gowins

Certificate: 23-R-0033

Date and Time: Mon Jun 28 20:10:00 GMT 2021

Legal Name: CHILDRENS HOSPITAL OF PHILADELPHIA

Inspection No: 2016090000670841

Facility Name: COLKET TRANSLATIONAL RESEARCH BLDG

Description: IACUC meeting minutes narrative reporting adverse event

4/9 – Animal 604*851*327 escaped – zip ties used to secure front door of cage. To prevent likelihood of animal ingesting plastic, switched to metal rings to secure cage door

5/1 – Animal 600*525*304 escaped – used metal ring to secure cage door

5/11 – Animal 601*521*106 escaped – used metal ring to secure cage door

5/13 – Animal 601*531*631 escaped, sustained a traumatic injury and had to be euthanized

5/14 – representative from cage manufacturer (Lenderking) on site to assess cages, make recommendations/suggestions and generate quote for replacement parts (lower latches)

5/22, 5/24 – 601*521*106 escaped twice – cage front secure, animal able to exit through the back. Placed bolts in the tracts above to prevent movement of the catch pan(s) by animal below.

5/25 – DVR Facility supervisor replaced door latches. There have been no further escapes since.

Note - On three separate occasions (between 5/7 and 5/21) – DVR management staff physically inspected the rabbit cages and used pliers to adjust the upper locking mechanisms in rooms 218 (males) and 246 (females).

In early June DVR received 2 additional rabbit housing units from Labex of Massachusetts to supplement the caging we had in-house.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Roberts Center for Pediatric Research, Office
2716 South Street
Philadelphia, PA 19146

(b) (6), (b) (7)(C)

July 14, 2021

Brent Morse, DVM
Director, Division of Compliance Oversight
Office of Laboratory Animal Welfare (OLAW)
National Institutes of Health
6700B Rockledge Drive, Suite 2500, MSC 6910
Bethesda, MD 20892-7982

Dear Dr. Morse,

The Children's Hospital of Philadelphia (CHOP), in accordance with Assurance D16-00280 (A3442-01) and PHS Policy IV.F.3., submits this report of noncompliance regarding the following incident:

In the months of April and May 2021, the DVR staff reported six incidents of rabbits escaping from their cages within the animal facility. In one such instance, a single animal was found with edema and erythema on the upper lip. The rabbit was examined by a Department of Veterinary Resources (DVR) veterinarian and administered a dose of meloxicam. This animal recovered without further issues or need for additional analgesics. In a subsequent incident, another animal was found with a spinal injury after jumping from the top cage. This resulted in the animal becoming paralyzed which affected mobility. The DVR veterinary team assessed the animal and made the decision to euthanize immediately. No NIH funding was used to support these animals.

These incidents were discussed at our regularly scheduled monthly IACUC meeting on 6/14/2021. No subsequent escapes have occurred. In doing a thorough assessment of existing rabbit caging, several factors were discovered which facilitated the above-mentioned animals being able to escape from their primary enclosures. Considering these findings, the DVR husbandry team immediately requested the vendor come on site to assess the caging, ordered and replaced worn parts, and began sourcing replacement caging from multiple vendors. The IACUC voted to report this incident to the Office of Laboratory Animal Welfare (OLAW), with a copy to AAALAC International.

The CHOP Research Institute and the IACUC is committed to the highest levels of animal care and welfare. While unexpected and unfortunate, we believe these steps taken to address the equipment failures are appropriate to address the issues that were identified. Should OLAW determine the need for additional measures or desire additional information regarding these events, please do not hesitate to contact me, our (b) (6), (b) (7)(C), VMD, PhD), or the (b) (6), (b) (7)(C), DVM, DACLAM).



**Children's Hospital
of Philadelphia**

RESEARCH INSTITUTE

Sincerely,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

cc: AAALAC

(b) (6), (b) (7)(C)



**Children's Hospital
of Philadelphia**

RESEARCH INSTITUTE

Adverse Event report for lamb with OG tube, protocol approved only for OG tube for ewe from 1-11-2021 minutes

Adverse Event Report

An adverse event report was submitted regarding sheep on this protocol along with the corrective action plan. The Committee discussed the report and corrective action plan and did not have any concerns.



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Customer ID: **337**

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COLKET TRANSLATIONAL
RESEARCH BLDG

Type: FOCUSED INSPECTION

Date: 20-OCT-2021

2.33(b)(3)

Attending veterinarian and adequate veterinary care.

On August 17th, a pig was used in a cardiovascular study procedure. The pig was recovered from anesthesia by laboratory personnel and transferred to the recovery suite at 3:20PM. It was noted by laboratory staff that the pig had minimal movement in its hind end. The laboratory staff continued to monitor the pig but noted no change in the hindlimbs. Laboratory staff communicated with the Investigator on call about the pig's progress. The Investigator on call elected not to contact the DVR Veterinarian about the pig's hindlimbs. The laboratory staff left the facility at 12:30AM noting no signs of pain or distress from the pig.

On August 18th during morning rounds, a DVR veterinary technician went to assess the pig's condition, check the Fentanyl patch, and jacket placement. After examining the pig, the technician determined that the hindlimbs showed no signs of movement and immediately contacted the on-call clinical veterinarian. The veterinarian assessed the pig, concluded that pig did have bilateral hindlimb paralysis and the pig was euthanized.

Direct and frequent communication of daily observations is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian.

Prepared By: JESSICA GOWINS

USDA, APHIS, Animal Care

Date:

25-OCT-2021

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Attending Veterinarian

Date:

25-OCT-2021