



## Inspection Report

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Arkansas Children's Research Institute  
# 13 Children's Way  
LITTLE ROCK, AR 72202

Customer ID: **1408**  
Certificate: **71-R-0100**  
Site: 001  
ARK CHILDREN'S  
HOSP.RES.INSTITUTE

Type: FOCUSED INSPECTION  
Date: 21-MAY-2024

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### 2.31(c)(7)

#### Institutional Animal Care and Use Committee (IACUC).

A significant change was made to a protocol involving pigs without Institutional Animal Care and Use Committee (IACUC) review and approval. Pig #23340 was not monitored as frequently as stated in the protocol following heart transplant surgery. The protocol states that pigs will be monitored every 15 minutes for an hour, every 30 minutes for 2 hours, every hour for 4 hours, and then every 4 hours until the following day. Pig #23340 became sternal after surgery at 1:35pm, was monitored continuously until put back into its cage at 4pm, when it was regularly observed until approximately 8pm. He was left unmonitored overnight until 5:30 the next morning.

The same protocol states that injectable Tacrolimus will be given IM daily following surgery. Due to pig #23340's behavior, the PI submitted an amendment request to give the drug in capsules by mouth on May 15th, 2024. The amendment had not yet been approved by the IACUC but they began giving the drug by mouth on the same day.

Although there were no recorded post-operative complications or medical issues noted for the pig, the protocol was not followed as written and approved by the IACUC. Failure to follow the approved protocol and making unapproved changes does not allow the IACUC to review these changes as required and ensure the animals involved do not experience negative impacts to their health and well-being. The IACUC must ensure that all significant changes regarding the care and use of animals in ongoing activities are reviewed and approved prior to implementation.

Correct by May 24, 2024 by ensuring that proposed activities, including significant changes to ongoing activities involving animals, contain a complete and accurate description of the proposed use of the animals and are approved by the IACUC prior to starting activities or implementing any changes.

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

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Prepared By: COURTNEY JERNIGAN  
USDA, APHIS, Animal Care  
Title: VETERINARY MEDICAL  
OFFICER

Date:  
24-MAY-2024

Received by Title: Facility Representative

Date:  
24-MAY-2024



**Species Inspected**

Cust No	Cert No	Site	Site Name	Inspection
1408	71-R-0100	001	ARK CHILDREN'S HOSP.RES.INSTITUTE	21-MAY-2024

Count	Scientific Name	Common Name
000007	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000007	<b>Total</b>	