



Inspection Report

The Methodist Hospital Research Institute
6670 Bertner Ave
HOUSTON, TX 77030

Customer ID: **42194**

Certificate: **74-R-0226**

Site: 001

THE METHODIST HOSPITAL
RESEARCH INSTITUTE

Type: ROUTINE INSPECTION

Date: 29-JAN-2026

2.38(f)(1) Critical

Miscellaneous.

According to the facility's records reviewed by the APHIS official during this inspection, a 10-month-old, male, hound-mix dog (Animal ID #: E965), weighing approximately 23.8 kilograms, was placed under anesthesia on July 31, 2025 using a combination of ketamine and propofol via the Total Intravenous Anesthesia (TIVA) method utilizing a programmable syringe pump for the purpose of conducting a terminal procedure under protocol #: IS0007826. The veterinary technician programmed the syringe pump and passed the IV line to the veterinarian, who connected it to the animal's intravenous catheter. A few minutes later, the veterinarian noticed that the animal's vitals were abnormal as exemplified by low end-tidal carbon dioxide, and the animal suddenly had very pale mucous membranes. The vet team started to troubleshoot the problem, and during the process of assessing the animal, discovered that the heartbeat was absent as it could not be found when auscultated or palpated. The veterinarian assessed the animal for corneal reflexes, which were absent indicating the animal had passed away. The veterinary and laboratory teams continued to search for a cause of death. During this process, the veterinary technician noticed the syringe on the pump was completely empty, indicating the animal had received a large volume of anesthetic. Furthermore, it was determined that this happened due to the syringe pump's rate having been set to 8 ml/minute instead of 8 ml/hour as described in the study protocol. Thus, the facility personnel determined that the cause of death was anesthesia overdose caused by incorrect setting of the syringe pump. Failure to handle animals in a careful manner can negatively impact their health and well-being by resulting in injury, death, etc. Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

Correct by: February 9, 2026

This inspection and exit interview were conducted with facility representatives.

Prepared By: GERVAIS EDMONDS-WIGGINS
USDA, APHIS, Animal Care

Date:
12-FEB-2026

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Facility Representative

Date:
12-FEB-2026



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
42194	74-R-0226	001	THE METHODIST HOSPITAL RESEARCH INSTITUTE	29-JAN-2026

Count	Scientific Name	Common Name
000016	<i>Sus scrofa domestica</i>	DOMESTIC PIG / POTBELLY PIG / MICRO PIG
000007	<i>Macaca mulatta</i>	RHESUS MACAQUE
000010	<i>Macaca fascicularis</i>	CRAB-EATING MACAQUE / CYNOMOLGUS MONKEY
000000	<i>Canis familiaris</i>	DOG ADULT
000033	Total	