



INSPECTION REPORT

UNIV OF A R FOR MEDICAL SCI

4301 W MARKHAM SLOT 504
LITTLE ROCK, AR 72205

Customer ID: 1457
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Site: 001
UNIV OF A R FOR MEDICAL SCI

Inspection
Type: ROUTINE INSPECTION
Date: JUL-19-2006

2.31 (c)(6)

2.31 (e)(2)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Section 2.31(c)(6) - IACUC Functions. With respect to activities involving animals, the IACUC, as an agent of the research facility, shall review and approve, require modifications in (to secure approval), or withhold approval of those components of proposed activities related to the care and use of animals.

- IACUC review of protocol stated that "ketamine not sufficient for anesthesia induction by itself, it should be combined with rompum (xylazine)". The protocol was amended on page 3, line 11, and again on page 5, paragraph B2, to include the xylazine concentration but not the dosage instructions. Xylazine was not added to the protocol on page 3, line 23. The IACUC shall ensure that all requested modifications to protocols are made, or the IACUC shall withhold approval or suspend of the protocol. Protocol must be amended and approved by the IACUC.
This affects 15 animals.
To be corrected at the August, 2006, IACUC meeting.

Section 2.31(e)(2) - A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain a rationale for involving animals, and for the appropriateness of the species and numbers of animals to be used.

- Protocol did not have adequate justification for the number of animals involved in the study. The justification stated "If the true incidence rate of complications with a particular treatment is 15%, then the probability of encountering a complication in at least one out of ten animals in that treatment group is 80% then with 15 animals this increases to >85%. If any abnormal findings are encountered, additional animals may be required to define the maximum safe dose that this model can tolerate." If a statistical analysis is the justification for the number of animals, the statistical model or method must be provided. This protocol must have additional clarification for the number of animals used in the study.
This affects 15 animals.
To be corrected by the September IACUC meeting.

This inspection was conducted by the Clinical Veterinarian and Jeff Baker, USDA Veterinary Medical Officer.

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