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UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

Annual Report of Research Facility
Column E Explanation

(TYPE OR PRINT) Virginia Commonwealth University

This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.

1. REGISTRATION NUMBER
52-R-0124

2. Research Facility Headquarters address
Virginia Commonwealth University (Box 980568)
800 East Leigh Street Biotech One Suite 3000
Richmond, VA 23298

3. Number of animals used in the study.
83

4. Species (common name) of animals used in the study.
Rabbits

5. Explain the procedure producing pain and distress.

Animals that have tibial nerve surgery have analgesics withheld one week prior to CMAP/nerve action potential testing at the terminal surgery (scientific endpoint). NOTE: Animals do receive Buprenorphine SR LAB prior to surgery, the effect of which lasts 3 days post-op. In addition during the entire period of the study, if any animal develops wounds or complications resulting in pain/distress, the animal will be given analgesics to relieve that pain. Analgesics are withheld on the last week before the animal reaches the scientific end point for the study.

6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.

Due to the inherently painful nature of nerve injuries, any animal demonstrating discomfort/pain as noted by excessive licking at toes or chewing the nails is treated by administering analgesics, and/or loosening or removing bandages. Such animals are assessed at least once daily for resolution of any distress. Administration of analgesics within a week of CMAP/nerve action potential testing may alter data and alternative methods of addressing discomfort will be discussed with DAR's Veterinary staff.

7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):

NA

Agency	**CFR**