

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

31-V-0004

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veterans Affairs Headquarters
810 Vermont Avenue, NW
Washington, DC 20420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Louis Stokes DVA Medical Center (541)
10701 East Boulevard
Cleveland, OH 44106 /Wade Park Unit

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	8		37	8	45
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	27		57	4	61
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL.
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

31 V 0004

31-V-0004 (Department of Veterans Affairs Headquarters)

Louis Stokes Cleveland DVA Medical Center (541)
Wade Park Unit
10701 East Boulevard
Cleveland, OH 44106

1999 - Explanation of animals reported in Section E

1. Eight (8) Dogs - Pacemakers were implanted in these animals in order to pace the heart so that the animals would develop heart failure. Some of these animals experienced some distress in the later stages of heart failure development. Any distress encountered is usually a direct result of physiologic changes that are part of the disease process in its later stages. The use of anaesthetic, analgesic or tranquilizing agents was not necessary. These animals could not be treated with pharmacologic means to modify the disease because previous experience had shown that use of these drugs is not possible in later stages of heart failure development due to the sensitivity of the animals to such agents. Many of the available agents have modifying effects on autonomic nervous system activity (which is the dependent variable in our studies), compromise the animals hemodynamic status which may lead to death, or create other unacceptable changes in the animals physiology which cannot be controlled appropriately. Any animal that showed signs of significant discomfort that could not be ameliorated by medications such as lasex was used in acute experiments or was euthanized.

2. Four (4) Rabbits - Because TiterMax with antigen did not elicit a satisfactory antibody response, four rabbits were given an injection of antigen in complete Freund's adjuvant. The rabbits were inoculated in the axilla and groin (0.25 ml/site). None of the animals showed gross evidence of pain or discomfort following the injection or during the first week after the injection. One would anticipate that the animals would chew at the injection site if it were uncomfortable; this did not happen. In the past giving procaine with the initial injection made no difference in the reactions of the rabbits.