

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 33-R-0129

2. Number 12 of animals used in this study.

3. Species (common name) CATS of animals used in the study.

4. Explain the procedure producing pain and/or distress.

A laminectomy is performed at T13 while cats are under anesthesia. When cats recover it is assumed they will be distressed, at least initially due to hind limb paralysis. The cats are given analgesics intra & post operatively, so no pain is anticipated. In our experience the cats adapt quickly to the hind limb paralysis and are able to locomote using forelimbs. The cats eat and drink normally, their bladders are expressed and hind area kept clean.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The paralysis cannot be avoided as the goal of the research is to determine how drugs known to facilitate the recovery of locomotion following a complete and chronic spinal cord injury, influence neuronal circuits within the adult mammalian spinal cord.

6. 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):

Agency _____ CFR _____