**Form 2 – Animal Handling**

**Part 1: Physical restraint**

*The Guide* defines physical restraint as “the use of manual or mechanical means to limit some or all of an animal’s normal movement for the purpose of examination, collection of samples, drug administration, therapy, or experimental manipulation.” Physical restraint of animals can be associated with pain and/or distress. The IACUC must have sufficient information to determine that proposed protocols include steps to eliminate or minimize the potential for pain and distress and ensure that alternatives to these procedures have been considered.

Physical restraint may be short-term or prolonged. There are two general categories of prolonged physical restraint based on type of study:

1. Restraint of laboratory and farm animals. For such protocols, prolonged physical restraint is defined by the IACUC as physical restraint of unanesthetized animals for 30 minutes or longer in a natural body position or 15 minutes or longer in an unnatural body position. Restraint procedures must be detailed in the animal use protocol. Prolonged physical restraint of animals may warrant placement of animals in “Animal Use Category E” (procedures that cause distress where no method is available which would alleviate these effects without interfering with the experimental results) unless evidence is provided by the investigator that the restraint does not cause distress.
2. Restraint of wild species during field studies. Restraint of mammals in live traps, birds in nets and traps, snakes and turtles in traps, amphibians in pit-fall traps, fish in nets, and other example methods are routinely used to properly capture, restrain, and sample wild species. In cases of routine capture of vertebrates with proper consideration for checking traps overnight or more frequently, it is IACUC policy to place animals in Category C. If animals are chemically restrained after initial capture, they should be placed in Category D. Restraining animals in field studies would not warrant placement of animals in Category E.

1. Which of the following best describes the level of physical restraint used in this study?

: Physical restraint of animals will not exceed short-term duration.

: Prolonged physical restraint is necessary and the investigator(s) agree(s) to the following:

* 1. Alternatives to physical restraint are unable to meet the requirements of this study
  2. Restraint devices shall not be considered a normal method of housing.
  3. Restraint devices shall not be used as a substitution to hand-held restraint.
  4. Animals shall be acclimated to devices prior to actual research use and animals that fail to adapt shall be removed from the study.
  5. Veterinary care will be consulted if lesions or illnesses associated with restraint occur.

2. Briefly describe or identify restraint device and the procedure for restraining the animal. Include the duration of restraint period, observation plan during restraint, and the plan for animal care and support during the restraint period:

Click or tap here to enter text.

**Part 2: Withholding of anesthetics or analgesics**

Does this protocol involve procedures that are expected to cause pain, but for which pain-relieving anesthetics or analgesics will not be provided (i.e., no greater pain than would be experienced with simple injections)?

**:** No

**:** Yes, and anesthetics or analgesics will be provided for pain relief.

**:** Yes, and anesthetics or analgesics must be withheld for painful procedures.

* Please explain:

Click or tap here to enter text.

**Part 3: Humane Endpoints**

1. Are health complications anticipated as a general process of this protocol?

**:** No

**:** Yes

* Please describe and justify the humane endpoints as well as routine management of animals that experience these complications:

Click or tap here to enter text.

2. Does this protocol include euthanasia of animals?

**:** No

**:** Yes

* Please describe the procedure that will be followed for euthanasia and disposition of animals.

Click or tap here to enter text.

* Is this method consistent with the American Veterinary Medical Association guidelines for euthanasia for the species used in this study?

**:** Yes

**:** No

* + Please provide justification below.

Click or tap here to enter text.