**IACUC APPENDIX D: SURGERY**

**IACUC Protocol #:**       *(To be assigned by the IACUC)*

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| **1. PROTOCOL INFORMATION** |
| **PI Name:** |
| **Protocol Title:** |

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| **2. TYPE OF SURGERY** |
| **Minor Surgery** *(any invasive operative procedure which does not enter a body cavity; only skin, mucous membrane, and/or connective tissue is incised and causes little or no physical impairment, e.g., simple vascular cut-down for catheter placement or implanting radio tags or pumps in subcutaneous tissues)* |
| **Major Surgery** *(any invasive operative procedure in which a body cavity is entered, or if substantial impairment of physical or physiological function occurs, e.g., extensive resection, removal of organs, significantly altering anatomy, or orthopedic procedures)* |

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| **3. PRE-OPERATIVE CARE** |
| **Describe the pre-operative medications, including dose and route**. *(this includes tranquilizers, sedatives, pre-anesthetics, and general anesthetics)*: |
| **Describe the pre-operative procedures.** *(this includes withholding of food or water, shaving hair to prevent contamination, germicidal scrubs, draping, and placement of leads, probes, or catheters)*: |

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| **4. PARALYZING AGENTS** |
| **Will this protocol require the use of paralyzing agents?**  No *(Proceed to #5)*  Yes *(Justify)*: |

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| **5. SURGICAL PROCEDURES** |
| **Describe the surgical procedures in chronological order and in sufficient detail so that the IACUC will be able to determine what is being performed on the animal.** *(Intra-operative monitoring, medications, and support are described in #6)*: |

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| **6. INTRA-OPERATIVE PROCEDURES** |
| **Describe the methods used for monitoring intra-operative anesthesia, and all intra-operative medications and/or support.** *(E.g., rate and depth of respiration, toe-pinch reflex)*: |

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| **7. RECOVERY** |
| **Will the animal(s) regain consciousness from anesthesia following surgery?**  No *(Stop here. This form is now complete.)*  Yes *(Proceed to #8)* |

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| **8. ASEPTIC TECHNIQUE** |
| **Will aseptic techniques be used as a minimum standard of care?** *(This includes working in an uncluttered area, wearing surgical gloves and a clean lab coat, preparation of the surgical site with disinfectant, sterilizing of instruments, and appropriate wound closures)*.  No *(Justify)*:  Yes *(Proceed to #9)* |

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| **9. MONITORING** |
| **Describe the interval and manner of immediate post-operative monitoring, and clinical re-assessment prior to animal recovery.** *(Include information regarding the frequency of evaluation, and in what manner the animal(s) will be monitored post-operatively)*: |

***Note:*** *Animals recovering from general anesthesia must be monitored at least until they are sternal recumbent and capable of purposeful movement.*

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| **10. MULTIPLE SURGERIES** |
| **Will more than one major surgical procedure be performed on a single animal?**  No *(Proceed to #11)*  Yes *(Justify):* |

***Note:*** *If a survival surgical procedure is followed by a non-survival surgical procedure, respond with “No”.*

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| **11. POST-OPERATIVE CARE** |
| **Describe post-operative care after the animals have been returned to long-term housing.** *(Including administration of analgesics, medications, fluids, and any other support methods. Include dose, route, and frequency of post-operative analgesics and medications)*: |

***Note:*** *If using skin sutures or staples, indicate that they will be removed within 10 days post-operatively.*