

## Standard Operating Procedure

SOP Number: **02-18-5801**

Service: **Research**

Operating Section: **IACUC**

Unit: **LUC/HSD**

Title: **Guidelines for the Use of Animals in Surgical Procedures**

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**Purpose:**

To establish IACUC policies on the use of animals in surgical procedures.

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**Procedure:**

- 1) Personnel performing surgical procedures must be appropriately qualified and trained in the procedures.
- 2) Unanticipated outcomes will require the completion of an adverse event form. No additional surgical procedures can be performed until the IACUC reviews the adverse event and advises the PI.
- 3) Aseptic techniques are utilized for all surgical procedures. Surgery on non-rodent species must be performed in the CMF surgical facilities; surgery on rodent species may be performed in other areas recorded on the ACORP which are inspected semi-annually by the IACUC.
- 4) Animal species vary in their physiologic response to surgical procedures, anesthetics and other drugs. It is the responsibility of the investigator to be aware of these species variations and to design an appropriate experimental protocol. The veterinarian must be consulted when designing surgical protocols.
- 5) Animals that have been anesthetized must not be left unattended until they have recovered from anesthesia.
- 6) Multiple major survival surgical procedures performed on a single animal are prohibited unless they are justified as related components of a single approved protocol, or if they are needed for clinical reasons.
- 7) Animals subjected to survival surgery must have adequate post-operative care to ensure their comfort and successful recovery from surgery. The investigator in consultation with the attending veterinarian will determine post operative care. The investigator is responsible for the delivery of this care or arranging for such care. The investigator must detail the appropriate post-operative care in the ACORP.
- 8) In case of a clinical emergency the veterinarian will make the decision to treat or, if necessary, euthanize an animal in distress.

- 9) Emergency phone numbers for investigators and staff are provided in the ACORP. The list is maintained by CMF staff.

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**Comments:**

None

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**OFFICE USE ONLY:**

**APPROVALS**

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|---------------------------------------|-----------------------------------|-------------------------|---------------------------------|
| <b>Responsible Official Signature</b> |                                   | <b>Date</b>             |                                 |
| <b>QA Signature</b>                   |                                   | <b>Date</b>             |                                 |
| <b>Version</b><br>#2                  | <b>Effective Date</b><br>09/25/13 | <b>Supersedes</b><br>#1 | <b>Original Date</b><br>4/18/02 |