



Peri-operative Records Policy

Peri-operative records will be maintained on all vertebrate animals that have undergone surgery. All procedures and drugs must be approved in the animal use protocol. Records of active cases must be readily available to the personnel involved in post-surgical monitoring, the veterinary staff, the IACUC, and federal regulatory officials.

Records will include the following information and must be legible:

- Animal identification
- Surgical Procedure
- Date procedure was performed.
- Name of the person doing the procedure
- Technique used for sterilizing instruments
- Anesthetic agent(s) used, dose and route
- Analgesic agent(s) used, dose and route (or exemption if approved by ACUC)
- Daily observations
- Any other drugs/treatments administered, dose and route
- Date sutures removed or observations discontinued (list reason for latter)
- Emergency contact information

Rodents undergoing survival surgery must be monitored for post-surgical problems. Signs which might indicate the presence of pain or possible problems are listed below. The length of time individual animals will undergo observation will depend on the invasiveness of the procedure, skill of the surgeon and the individual animal. Should signs of pain, ill health or problems with an incision be noted, notify a LAR veterinarian immediately for treatment recommendations or to assist with determining endpoints (i.e. euthanasia).

- Decrease in body weight
- Decline in body condition (e.g. not grooming)
- Decreased food and water consumption
- Decrease in fecal/urine production
- Reduced level of activity
- Increased irritability or aggression when handled
- Hunched posture
- Squinted eyes
- Staggering, twitching, pressing (rats)
- Presence of porphyrin (red staining) around the eyes and nose of rats and on the front paws
- Incision site changes including redness, swelling, discharge and dehiscence (suture line failure)

DAILY RECORDS: Postoperative observations and treatments must be recorded and initialed on each post-operative date following a surgical procedure. Initials only do not constitute an observation. Use of the ditto “ symbol does not constitute an observation. Daily brief entries as to the animal’s condition should be made for 7-10 days following the procedure or until sutures are removed, the animal dies, the animal is euthanized or an incision has healed (whichever event occurs first). Sutures or staples must be removed unless exempted in the ACUC approved protocol. Daily entries must also note administration of post-operative analgesic drugs, the dosage given, and the initials of the individual who administered the treatment. Date of suture/staple

removal must be recorded and initialed. The weight of the animal must be recorded and initialed on the daily record if such monitoring is indicated in the ACUC approved protocol. Also, if the ACUC approved protocol states that food and water consumption will be monitored post-operatively, these observations must be recorded and initialed in the daily log. All daily entries must be legible. The surgical records will be maintained as long as the animal is housed in FSU facilities. After the death of the animal, the surgical records for non-USDA covered species must be maintained by the investigator for a period of no less than 1 year; for USDA covered species retain records for 3 years after its termination.

There will be two (2) options for maintaining perioperative records.

- 1. The records may be kept on separate LAR provided 3" x 5" cards maintained in the cage cardholder.***
- 2. Records may be maintained in a notebook which is kept in the animal room.***

3" x 5" record or notebook format. Cards may be obtained from Laboratory Animal Resources.:

FSU RODENT POST OPERATIVE RECORD FORM
(All information must be legible.)

Front of card

Principal Investigator _____ Protocol # _____

Animal Identification _____

Surgical Procedure _____

Date procedure performed _____

Person performing the procedure _____

Technique used to sterilize instruments _____

Anesthetic agent(s) and dose _____

Pre/Peri-operative analgesic(s) and dose _____

Emergency Contact Information _____

Postoperative observations. Note treatments administered and date suture removed.
Note weight and food & water intake if required.

Back of card

Date	Observations	Treatment	Initials

At a minimum, daily observations must be recorded until sutures are removed, the animal dies or is euthanized (whichever event occurs first).