



Institutional Animal Care and Use Committee
 Office of Research Compliance
 P.O. Box 173085
 Bozeman, MT 59717

Post Approval Monitoring Checklist

IACUC Protocol#: _____

Date: _____

Person/s performing PAM: _____

Other associated protocols (e.g., IBC): _____

This form is used for Post-Approval Monitoring (PAM) by IACUC members of all laboratories that conduct any animal research, research training, experimentation, biological testing, or related activities involving live vertebrate animals at Montana State University. As an OLAW-assured institution, MSU has made a commitment to maintain a program in accordance with the current edition of the "Guide for the Care and Use of Laboratory Animals".

Instructions: Complete this form manually while performing PAM inspection of PI's protocol. NOTE that CTI stands for "corrected at time of inspection".

Protocol and Personnel	Yes	No	NA	CTI	Comments
The PI and all project personnel have access to the most recent version of the protocol					
Modifications have been submitted for any changes to the protocol, including personnel					
All personnel working on the project are listed on the protocol and have completed ARC and CITI Training					
All personnel on this protocol have reviewed the protocol with the PI or other senior personnel					
Each building and room number where animals are taken outside of the ARC are listed on the protocol					

Additional notes:

General Procedures	Yes	No	NA	CTI	Comments
Procedures used are the same as those described in the protocol					
Species and numbers of animals are consistent with those in the protocol					
All drugs, fluids, sutures, gloves, and other materials are within expiration dates; no expired items are present					
Only pharmaceutical-grade compounds are used unless otherwise approved in the protocol					

Controlled substances are stored under double lock and key with appropriate records					
Injections and blood/tissue/fluid collections are recorded on animal housing cards (amount, date, initials)					
Treatments such as antibiotics are recorded on animal housing cards (dosages, frequency/time, route, date, initials)					
Medical/monitoring/treatment notes are complete and compliant with IACUC policies and protocol-specific procedures					
Cages/housing/animals are identified by protocol number, individual ID, or both					
Additional notes:					
Anesthesia and Analgesia	Yes	No	NA	CTI	Comments
Methods of anesthesia are consistent with the protocol					
Anesthetized animals are monitored according to the protocol					
Animal body temperatures are maintained adequately throughout surgery/procedure and recovery with approved devices as described in protocol					
Inhalant anesthetics are used and exhausted properly					
Anesthetic dosages, frequencies, and routes of administration are accurately recorded and consistent with the protocol					
Analgesic dosages, frequencies, and routes of administration are accurately recorded and consistent with the protocol					
Analgesics are used for painful procedures or surgeries or both (or scientific justification for not using analgesia is provided in the protocol)					
Additional notes:					
Vertebrate Surgery	Yes	No	NA	CTI	Comments
This protocol involves survival surgeries					
This protocol involves major surgeries					
A dedicated, clean, and uncluttered area is used for surgery					
Operative field preparation is appropriate for the species					

Aseptic technique is used					
Sterile (autoclaved) instruments are used for surgery					
Instruments are disinfected between surgeries (rodents, frogs and fish only)					
Sterile drapes are used					
PPE is consistent with procedures described in the protocol					
Implanted devices are sterilized before use					
Surgical plane of anesthesia reached prior to initiation of surgery and maintained for duration of procedure as described in the protocol					
Only one major surgery is performed on each animal (unless > 1 major surgery is justified in the protocol and approved by IACUC)					
Additional notes:					
Surgery Monitoring	Yes	No	NA	CTI	Comments
A recovery area appropriate for the species is used and animals are monitored until fully recovered					
Adverse consequences of surgery are documented					
Special pre- and post-surgery diets are used as described in the protocol					
Personnel are trained to recognize experimental and humane endpoints and symptoms of illnesses					
Surgical care and post-operative records are available and adequately documented					
Instances when humane endpoints are reached are documented					
Additional notes:					
Post-procedure Monitoring	Yes	No	NA	CTI	Comments
Animals are monitored post-procedure until fully recovered as described in the protocol					
Adverse consequences of procedures are documented					
Personnel are trained to recognize humane endpoints associated with the procedures					
Instances when humane endpoints are reached are documented					
Scoring systems (i.e., endpoints) are used as defined in the protocol					

Additional notes:					
Breeding	Yes	No	NA	CTI	Comments
What breeding records do you keep?					
Breeding scheme and management is performed per the protocol					
Protocol Transfer Forms have been used to transfer animals to other protocols					
Have any abnormal phenotypes been observed?					
Do any animals need special care? (e.g. special diet, water, gel packs, food on the cage bottom)					
Do you have any strains in maintenance mode?					
Are animals culled?					
Weaning schedule is performed per the protocol					
Genotyping procedures are performed per the protocol					
Instances when humane endpoints are reached are documented					
Additional notes:					
Euthanasia	Yes	No	NA	CTI	Comments
Euthanasia is performed per the protocol					
Animal carcasses are disposed of promptly and correctly					
Additional notes:					
Other	Yes	No	If "yes", please describe		
Have any accidents or biosafety incidents occurred?					
Have any unexpected problems occurred?					
Additional notes:					