

**University of Pennsylvania-Radiology
Small Animal Imaging Facility
Standard Operating Procedure**

Title: Temporary and Prolonged Restraint

SOP Number: 3.01

Version Number: 2

Effective Date: October 11, 2023

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Approval: Katie Zaifert, Director of Regulatory Compliance

- I. Purpose:** The purpose of this SOP is to outline the acceptable use of restraints. It also gives recommendations and steps to reduce the potential stress of the experimental animals during temporary and prolonged restraint during the imaging studies at the Small Animal Imaging Facility (SAIF).

- II. Responsibilities and Scope:** All researchers who are involved in animal imaging studies at the SAIF are responsible for reading and following this SOP. Prolonged restraint is only allowed when the animals are anesthetized with either injectable- or gas-inhaled anesthetics.

- III. Definitions:**
None

- IV. Procedures:**
 - A. Prolonged restraint (any restraint of conscious animals for longer than 15 minutes) should be avoided unless it is essential for achieving the research objectives and specifically approved by the IACUC.
 1. Restraint devices are not to be considered normal methods of housing.
 2. Restraint should not be used simply as a convenience in handling or managing animals.
 3. The period of restraint should be the minimum required to accomplish the research objective.
 4. Provisions should be made for observation of the animals at appropriate intervals as outlined in the research protocol.
 5. Veterinary care must be sought and provided if lesions or illnesses are observed.

- V. Directions:**
None

VI. Safety Considerations:

None

VII. References:

None

VIII. Attachments:

None

IX. Document History:

Version Number	Effective Date	Author	Reason
1	August 11, 2005	I.Lee	New
2	September8, 2005	I.Lee	Revised
3	November 10, 2005	I.Lee	Revised