



- Animals are sick.
  - Animals are distressed.
  - Animals are bearing large tumors that bring discomfort or pain to them.
  - Animals are residing in a room that is under quarantine for viral infection, pinworms or fur mites.
- H. When animals are found in distress or discomfort, the Technical Director of the facility will ask researchers to remove the animals immediately from the imaging facility, transport them to their animal facility, and see a veterinary doctor.
- I. It is the responsibility of the researchers to have IACUC approval for repeated animal transportation between the imaging facility and their animal housing facility if researchers plan to image the same animals more than once within a 24 hour period (refer to SOPs <sup>#</sup> 4.03 and <sup>#</sup> 4.04).
- J. It is the responsibility of the Technical Director of the imaging facility to supervise researchers on animal sedation and animal handling. Upon request, the Technical Director may provide animal anesthesia service to users.

- K. It is the responsibility of the researchers to arrive at the imaging facility at the scheduled time. In the event that a researcher is late or does not show up, he will still be charged for the scheduled time. When reserving imaging session time slots, researchers must include 10 minutes in their imaging session for cleaning and sterilization.

- L. It is the responsibility of the researchers to clean and sterilize all equipment used during the imaging session.

**III. Definitions:**

None

**IV. Procedures:**

- A. Put on protective clothing prior to entering the animal facility rooms (gown, gloves, mask, shoe covers, and bouffant cap). Protective clothing will be located just outside the animal preparation room.
- B. Spray disinfectant on all the cages that will be transported from the animal facilities (i.e., Stemmler, CRB, Richards).
- C. Disinfect the animal imaging table. Cover the table with absorbent pads and tape to avoid any movement of absorbent pads. Turn on the light near the surgery table.
- D. Place animal cage on table. Remove animal for anesthesia.
- E. Perform imaging procedure.
- F. Return animal to cage. Monitor animal until it is fully recovered.
- G. Dispose of absorbent pads and any other waste in the appropriate container.
- H. Clean and sterilize all equipment used.

**V. Directions:**

None

**VI. Safety Considerations:**

- A. **When the “hot” radioactive materials are used for the longitudinal studies, the imaging procedures involved with radioactive materials must be performed last.**
- B. **Reminder: Applying cosmetics and open-toe shoes are not allowed under any circumstances in the presence or absence of live animals in the Ultrasound Lab and/or the SAIF. Wearing safety glasses is strongly recommended in this area.**

**VII. References:**

- A. Guideline #16 (6/23/99): Penn-IACUC Guideline for Transportation of Laboratory Animals- Philadelphia Campus. B. Penn-ULAR-SOP # 4.21. Transport of Laboratory Rodents-Philadelphia Campus (updated version is available as of July 19, 2005).

**VIII. Attachments:**

None

**IX. Document History:**

Version Number	Effective Date	Author	Reason
1	October 22, 2005	C. Seghal	New Policy
2	November 10, 2005	C. Seghal & I. Lee	Revised
3	March 26, 2015	C Seghal, S Schultz, & E. Browning	Revised