



Standard Operating Procedures (SOP)

Title: Post-Scan Recovery and Follow Up	SOP No. SAIL-MRI-SOP-04
	Version No. 02
	Effective Date: July 28, 2017
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1.Purpose

To describe and outline the proper care for animals during the recovery period after a scan session at the SAIL MRI facility.

2.Scope

Applies to all studies involving scans with anesthetized animal at the SAIL MRI facility.

3.Responsibility

- 3.1 To be followed by trained laboratory personnel. It is the responsibility of the SAIL MRI technician, under the supervision of the SAIL Manager, to ensure compliance with procedures involving the animal during the scan session.
- 3.2 It is the responsibility of the study Principal Investigator(s) and/or his/her designate(s) to ensure the health of the animal subject once it has been removed from the scanner. The SAIL technician, /Manager, or the ARD Animal Health technician or Veterinarian will provide assistance as required.

4.Materials

- Sterile physiological saline 0.9% NaCl
- Heat lamp
- Disposable syringe
- Sterile needle
- Approved disinfectant wipes
- Sharps container
- Benchtop liner
- Personal Protective Equipment (PPE)

5.Procedure

- 5.1 Upon completion of the scan session and procedures as indicated in the respective study's AUP, remove the animal from the scanner and scan bed and place it in his cage.
- 5.2 Place the cage on the animal preparation area of room E.S2.8100, 2 feet from the heat lamp source and turn on the heat lamp.

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- 5.3 Fill a syringe with sterile preheated physiological saline (0.9% NaCl) and administer the appropriate dose (0.2 to 0.5mL/10g body weight) via SC. injection to the animal. Dispose of the needle and syringe in the sharps container.
- 5.4 Keeping the animal under the heat source, allow 10 minutes for the animal to recover under close observation, and monitor its respiration and responsiveness.
- 5.5 Once the animal is awake and there is no discernable complication, bring the animal back to its housing room as per SAIL-SOP-01-Rodent Transportation and turn off the heat lamp.
- 5.6 Replace the bench liner of the scanner's bed and clean it with approved disinfectant wipes.
- 5.7 Clean the recovery chamber with approved disinfectant wipes.

6. References

SAIL-SOP-01-Rodent Transportation

SAIL-MRI-SOP-02: Anesthesia Induction and Maintenance

7. Appendices

None.

