



## Standard Operating Procedures (SOP)

<b>Title:</b>  <b>Animal Recovery and Follow-Up</b>	<b>SOP No.</b> SAIL-Xtreme-SOP-03
	<b>Version No.</b> 02
	<b>Effective Date:</b> July 28, 2017
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## Distribution

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<b>TITLE:</b>  <b>Animal Recovery and Follow-Up</b>	<b>SOP No.</b> SAIL-Xtreme-SOP-03
	<b>Version No.</b> 01
	<b>Effective Date:</b> July 28, 2017
	<b>Page</b> 2 of 5

Table of Contents:

1. Purpose .....	Page 3
2. Scope .....	Page 3
3. Responsibility .....	Page 3
4. Materials .....	Page 3
5. Procedure .....	Page 4
6. References .....	Page 4
7. Appendices .....	Page 4
8. History of Validated Versions .....	Page 5

<b>TITLE:</b>  <b>Animal Recovery and Follow-Up</b>	<b>SOP No.</b> SAIL-Xtreme-SOP-03
	<b>Version No.</b> 02
	<b>Effective Date:</b> July 28, 2017
	<b>Page</b> 3 of 5

## 1.Purpose

To describe and outline the proper care for animals during the recovery period after an imaging session at the SAIL Imaging suite (room E.S2.8100).

## 2.Scope

Applies to all studies involving scans with anesthetized animals with the In-Vivo Xtreme optical imager in the SAIL Imaging suite.

## 3.Responsibility

- 3.1 It is the responsibility of the study Principal Investigator(s) and/or his/her designate(s) to ensure compliance with procedures involving the animal during the imaging 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 imager.
- 3.3 Only approved, trained users are permitted to operate the In-Vivo Xtreme optical imager.

## 4.Materials

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

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	<b>Version No.</b> 02
	<b>Effective Date:</b> July 28, 2017
	<b>Page</b> 4 of 5

## 5. Procedure

- 5.1 Upon completion of the imaging session and procedures as indicated in the respective study's AUP, remove the animal from the imager's tray.
- 5.2 Place the animal in its original cage, place the cage with the animal 2 feet from the heat lamp source and turn on the heat lamp.
- 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 s.c. injection of saline to the animal. Dispose of the needle and syringe in the sharps container.
- 5.4 Keeping the animal in its cage under the heat source, allow ~10 minutes for the animal to recover under close observation and monitor its respiration and responsiveness.
- 5.5 After the recovery period, if animal is awake and there are no discernible complications, then turn off the heat lamp and transfer the animal back to its original housing room as per SAIL-SOP-01.
- 5.6 Clean the recovery chamber with approved disinfectant wipes.

## 6. References

SAIL-SOP-01 : Rodent Transportation

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

## 7. Appendices

None.

