

Note to Surgeons: this is an example for completing the Survival Surgery Lab Log and it can vary according to what is approved in the IACUC protocol

Use this log to prepare for your surgery

Appendix 2: Example Survival Surgery Lab Log Record

Note: Affix the cage card log to this document after removing the cage card log from the cage

Did you complete the didactic training?
Did you complete the surgical assessment?

Principal Investigator: <i>Jane Labmember</i>		Date: <i>8-8-2023</i>
Surgeon: <i>John Labmember II</i>		IACUC Protocol #: <i>123456789</i>
Species/Strain: <i>Mouse</i>		
Animal ID Number(s): <i>1,2,3,4,5,6</i>		
Body weight(s): <i>20g (one mouse); 20g, 22g, 23g, 23g, 22g, 20g (six mice)</i>		
Surgical Procedure Description: <i>insertion of osmotic minipumps</i>		
ANESTHETIC DRUG(S) ADMINISTERED		
Drug/Dose(mg/kg)	Time given	
<i>Isoflurane Induction %</i>	<i>Induction</i>	
<i>Isoflurane Maintenance %</i>	<i>maintenance</i>	
ANALGESICS DRUG(S) ADMINISTERED		
Drug/Dose(mg/kg)	Time given	
<i>Meloxicam 5mg/kg</i>	<i>Pre-op (at the start of each surgery)</i>	
<i>Bupivacaine 4mg/kg</i>	<i>Post-op (at the end of each surgery)</i>	
SURGERY NOTES AND OBSERVATIONS		
Time Surgery Started: <i>9:00AM</i>	Time Surgery Ended: <i>2:00PM</i>	
Intra-operative monitoring Performed (Y/N): <i>Y</i>	Comments on monitoring: <i>all normal</i>	

- Did you check the label for 51 punctures or 180 days expiration date?
- Analgesic is usually given before or at the beginning of the surgery, BUT you need to check your protocol

- The best practice is to weigh and record the charcoal canister before and after use. (The IACUC Policy says to weigh before or after).
- Do not use if it has reached the manufacturer weight

- Did you check the label for single-use, preservative-free?
- Local anesthetics like Bupivacaine can be given at the beginning, during or at the end (most often used)
- Check protocol

Responsible Official
Administering Division/Department:
Effective Date:
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SURGICAL NOTES: (If there were any complications, note them in this section)

Some examples:

- surgical complications,
- animal death,
- animal needed to be euthanized,
- send to necropsy,
- supportive care such as SQ fluids, soft chow,

All surgeries went well

Surgical Recovery Monitoring

(To be done at least every 15 minutes until the animals are awake and ambulatory):

Time	15'	30'	45'	60'	75'	90'	105'	120'
Initials	<i>JL</i>	<i>JL</i>						
notes	<i>sleep</i>	<i>recovered</i>						

Notes on recovery (optional) _____

Suggestion: If monitoring more than one animal, indicate for example 1 of 3 - Awake

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