

Appendix C: EXAMPLES of a Completed Rodent Surgery Report

NOTE: the example is used to illustrate many types of drugs and scenarios, and may not represent a realistic drug regimen

University of Michigan Rodent Surgery Record (Notebook Size)

IACUC Protocol #: <i>PR0000001234</i>			Animal ID#: <i>Ear Tag 55</i>	
Principal Investigator: <i>Montgomery</i>			Species:	
Surgeon: <i>Alan Shoemaker</i>			PreSurgical Evaluation:	
Surgical Procedure: <i>Skin Biopsy</i>		Date: <i>1/15/2022</i>	Body Wt: <i>30 g</i>	Condition: <i>BAR</i>
Surgical Drugs Administered:				
Drug Type	Drug Name	Dose (mg/kg, %)	Route	Time
Anesthetic	<i>Ketamine</i>	<i>80 mg/kg (2.4 mg)</i>	<i>IP</i>	<i>9:30 am</i>
	<i>xylazine</i>	<i>5 mg/kg (.15 mg)</i>	<i>IP</i>	<i>9:30 am</i>
Preemptive Analgesic	<i>Carpofen</i>	<i>5mg/kg (.15 mg)</i>	<i>SQ</i>	<i>9:00 am</i>
	<i>Bupivacaine</i>	<i>2 mg/kg (.05 mg)</i>	<i>SQ</i>	<i>10:00 am</i>
Other	<i>Cefazolin</i>	<i>20 mg/kg (.6 mg)</i>	<i>SQ</i>	<i>9:00 am</i>
Recovery notes:				
<i>10am: End of procedure</i> <i>10:30am: Animal ambulatory</i> <i>Normal recovery</i> <i>Returned to housing at 11:00am</i>				

Ensure that all medications and procedures listed above are as stated in the IACUC approved animal care and use protocol.

Monitor temperature, mucous membrane color, and depth of anesthesia at least every 15 minutes during anesthesia.

The Principal Investigator is responsible for maintaining a record of anesthetic and analgesic use and postoperative care.

Rodent Post-operative Record

Date	Time	Surgical Site (see below)	Animal Condition (see below)	Painful? (Y/N, or pain score)	Analgesic(s) or Drugs Given/Notes (List complete drug name, dose, and route)	Initial
<i>1/16</i>	<i>10 am</i>	<i>A</i>	<i>1</i>	<i>N</i>	<i>None</i>	<i>AS</i>
<i>1/17</i>	<i>11 am</i>	<i>B</i>	<i>1</i>	<i>N</i>	<i>None</i>	<i>AS</i>
<i>1/18</i>	<i>9 am</i>	<i>C, discharge, itching</i>	<i>2</i>	<i>N</i>	<i>Contacted vet staff</i>	<i>AS</i>
<i>1/19</i>	<i>2 pm</i>	<i>C, discharge, itching</i>	<i>2</i>	<i>N</i>	<i>Per vet staff: cleaned w/ chlorhexidine & applied triple antibiotic ointment (TAO) to surgical site</i>	<i>AS</i>
<i>1/19</i>	<i>9 am</i>	<i>C, discharge, slightly red</i>	<i>1</i>	<i>N</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>1/20</i>	<i>9 am</i>	<i>B, no itching</i>	<i>1</i>	<i>N</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>1/21</i>	<i>9 am</i>	<i>A</i>	<i>1</i>	<i>N</i>	<i>None</i>	<i>AS</i>
<i>1/22</i>	<i>9am</i>	<i>A</i>	<i>1</i>	<i>N</i>	<i>None</i>	<i>AS</i>
<i>1/23</i>	<i>11 am</i>	<i>A, sutures removed</i>	<i>1</i>	<i>N</i>	<i>None</i>	<i>AS</i>

Letter Code **A** – incision is clean, dry, intact
 (used in “Surgical Site” column): **B** – incision is slightly red, clean, dry, intact
C – incision is abnormal, **please describe***

Number Code **1** – animal is bright, alert, responsive, active
 (used in “Condition” column): **2** – animal is quiet, alert, responsive, less active
3 – animal is lethargic and less responsive*

*Contact Veterinary Personnel if either Code C or 3 is recorded for the animal