

Appendix C: EXAMPLES of a completed Rodent Surgery Reports

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>PRO00001234</i>		Animal ID#: <i>Ear tag 55</i>		
Principal Investigator: <i>Montgomery</i>		Species: <i>Mouse</i>		
Surgeon: <i>Alan Shoemaker</i>		PreSurgical Evaluation:		
Surgical Procedure: <i>Skin Biopsy</i>	Date: <i>5/26/2016</i>	Body Wt: <i>30 g</i>	Condition: <i>BAR</i>	
Surgical drugs administered:				
	Drug	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>Carprofen</i>	<i>5 mg/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 10:30am: Animal ambulatory Normal Recovery Returned to housing at 11:00am</i>				

Please ensure that all medications and procedures listed above are as stated in the approved animal use protocol.

Temperature, mucous membrane color, and depth of anesthesia should be monitored at least every 15 minutes during anesthesia.

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

Rodent Post-operative Record

Day	Time	Surgical Site (describe, and/or use letter key below)	Painful? (Y/N, or pain score)	Other Observations (describe, and/or use number key below)	Analgesic(s) or Drugs Given (complete drug name, dose, route)	Initial
<i>5/27</i>	<i>10 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>5/28</i>	<i>11 am</i>	<i>B</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>5/29</i>	<i>9 am</i>	<i>C, discharge, itching</i>	<i>N</i>	<i>2</i>	<i>Contacted vet staff</i>	<i>AS</i>
<i>5/29</i>	<i>2 pm</i>	<i>C, discharge, itching</i>	<i>N</i>	<i>2</i>	<i>Per vet staff: cleaned w/ chlorhexidine & applied triple antibiotic ointment (TAO) to surgical site</i>	<i>AS</i>
<i>5/30</i>	<i>9 am</i>	<i>C, discharge, slightly red</i>	<i>N</i>	<i>1</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>5/31</i>	<i>9 am</i>	<i>B, no itching</i>	<i>N</i>	<i>1</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>6/1</i>	<i>9 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>6/2</i>	<i>9 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>6/3</i>	<i>11 am</i>	<i>A, sutures removed</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>

Key: qualitative assessment of surgical site and animal condition:

A – incision is clean, dry, intact

B – incision is slightly red, clean, dry, intact

C – incision is abnormal, please describe *

1 – animal is bright, alert, responsive, and active

2 – animal is quiet, alert, responsive, less active

3 – animal is lethargic and less responsive *

* Contact veterinary staff

Appendix C: EXAMPLES of a completed Rodent Surgery Reports

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 (Cage Card)

IACUC Protocol #: <i>PRO00001234</i>		Animal ID#: <i>Ear tag 55</i>		
Principal Investigator: <i>Montgomery</i>		Species: <i>Mouse</i>		
Surgeon: <i>Alan Shoemaker</i>		PreSurgical Evaluation:		
Surgical Procedure: <i>Skin Biopsy</i>	Date: <i>5/26/2016</i>	Body Wt: <i>30 grams</i>	Condition: <i>BAR</i>	
Surgical drugs administered:				
	Drug	Dose (mg/kg)	Route	Time
Anesthetic	<i>Ketamine</i>	<i>80 mg/kg (2.4mg)</i>	<i>IP</i>	<i>9:30am</i>
	<i>Xylazine</i>	<i>5 mg/kg (.15mg)</i>	<i>IP</i>	<i>9:30am</i>
Preemptive Analgesic	<i>Carprofen</i>	<i>5 mg/kg (.15mg)</i>	<i>SQ</i>	<i>9:00am</i>
	<i>Bupivacaine</i>	<i>2 mg/kg (.05mg)</i>	<i>SQ</i>	<i>10:00am</i>
Other	<i>Cefazolin</i>	<i>20 mg/kg (.6mg)</i>	<i>SQ</i>	<i>9:00am</i>
Recovery notes:				
<i>10am: End of procedure 10:30am: Animal ambulatory Normal Recovery Returned to housing at 11:00am</i>				

Please ensure that all medications and procedures listed above are as stated in the approved animal use protocol.

Temperature, mucous membrane color, and depth of anesthesia should be monitored at least every 15 minutes during anesthesia.

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

Rodent Post-operative Record

Day	Time	Surgical Site (describe, and/or use letter key below)	Painful? (Y/N, or pain score)	Other Observations (describe, and/or use number key below)	Analgesic(s) or Drugs Given (complete drug name, dose, route)	Initial
<i>5/27</i>	<i>10 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>5/28</i>	<i>11 am</i>	<i>B</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>5/29</i>	<i>9 am</i>	<i>C, discharge, itching</i>	<i>N</i>	<i>2</i>	<i>Contacted vet staff</i>	<i>AS</i>
<i>5/29</i>	<i>2pm</i>	<i>C, discharge, itching</i>	<i>N</i>	<i>2</i>	<i>Per vet staff: cleaned w/ chlorhexidine & applied triple antibiotic ointment (TAO) to surgical site</i>	<i>AS</i>
<i>5/30</i>	<i>9 am</i>	<i>C, itching, slightly red</i>	<i>N</i>	<i>1</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>5/31</i>	<i>9 am</i>	<i>B, no itching</i>	<i>N</i>	<i>1</i>	<i>Chlorhexidine, TAO</i>	<i>AS</i>
<i>6/1</i>	<i>9 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>6/2</i>	<i>9 am</i>	<i>A</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>
<i>6/3</i>	<i>11 am</i>	<i>A sutures removed</i>	<i>N</i>	<i>1</i>	<i>None</i>	<i>AS</i>

Key: qualitative assessment of surgical site and animal condition:

- | | |
|--|---|
| A – incision is clean, dry, intact | 1 – animal is bright, alert, responsive, and active |
| B – incision is slightly red, clean, dry, intact | 2 – animal is quiet, alert, responsive, less active |
| C – incision is abnormal, please describe * | 3 – animal is lethargic and less responsive * |

* Contact veterinary staff