

Exhibit 7

- 7) November 5, 2012 letter from PETA regarding 9 additional cats on the study. Copies of the clinical records were provided for these animals.

November 5, 2012

Axel V. Wolff, M.S., D.V.M., Director
 Division of Compliance Oversight
 Office of Laboratory Animal Welfare
 National Institutes of Health
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 6705 Rockledge Dr.
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James F. Battey, Jr., M.D., Ph.D., Director
 National Institute on Deafness and Other Communication Disorders
 31 Center Drive, MSC 2320
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Francis S. Collins, M.D., Ph.D., Director
 National Institutes of Health
 9000 Rockville Pike
 Bethesda, MD 20892

Via e-mail: wolffa@od.nih.gov; batteyj@nidcd.nih.gov;
francis.collins@nih.hhs.gov

Dear Dr. Wolff, Dr. Battey, and Dr. Collins:

This is a complaint on behalf of People for the Ethical Treatment of Animals (PETA) and our more than 3 million members and supporters related to the mistreatment of at least nine cats used in sound localization experiments at the University of Wisconsin-Madison (UW-Madison) (PHS Assurance #A3368-01). The current allegations are distinct from those contained in our September 12, 2012 complaint.

PETA believes that the documentation attached demonstrates a pattern of serious violations of the Public Health Service's *Guide to the Care and Use of Laboratory Animals* (the *Guide*)¹ in connection with these experiments that is larger in scope than previously believed. These apparent violations—which are consistent with the allegations made by a former UW-Madison veterinarian who worked in this laboratory²—have seriously impacted the welfare of many cats used in this highly invasive experiment, with some suffering from adverse effects

¹ NRC [National Research Council]. *Guide for the Care and Use of Laboratory Animals*. National Academy Press: Washington, D.C. (1996): 56. (NRC 56). The 1996 edition of *The Guide* is referenced in this complaint because the incidents discussed here occurred prior to the adoption of the 2011 edition.

² Name letter to the U.S. Department of Agriculture's Office of Inspector General, 12 Oct 2012. <http://www.mediapeta.com/peta/pdf/Letter-from-Dr-Brown-to-USDA-OIG-re-UW-Cat-Experiments.pdf>.

**PEOPLE FOR
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for as long as 8 years. We urge your office to investigate this matter and to take swift and disciplinary action against UW-Madison if PETA's allegations are substantiated.

Background

On September 12, 2012, PETA submitted a complaint to your agency regarding the use of cats in sound localization experiments at UW-Madison. This complaint focused in large part on apparent deficiencies in the experimental protocol and on the school's treatment of one particular cat – Double Trouble – who was mutilated, deafened, deprived of food, and killed as part of the experiment.

However, a review of additional documents associated with this experiment demonstrates that UW-Madison's abusive treatment of Double Trouble was not an anomaly. Indeed, by some measures, UW-Madison's abuse of Double Trouble does not even represent the most egregious example of the school's disregard for animal welfare. As explained in detail below, many of the cats used in this experiment have experienced tremendous suffering. Much of this suffering is the result of apparent violations of the *Guide* and U.S. Government Principles. Specifically, UW-Madison appeared to violate requirements that animals receive adequate veterinary care, that any discomfort, distress, and pain be minimized, and that the least invasive procedures be considered.³

Cats' case histories demonstrating potential violations

Cali, a.k.a. "G12"

Cali was a short-haired cat who was used in sound localization experiments at UW-Madison since at least September 2006.⁴ Sometime after this, she underwent a surgery where experimenters cut into her head and screwed a metal post to her skull. Starting in August 2007, UW staff observed that there was scabbing and discharge around Cali's head wound.⁵ She was administered topical and oral antibiotics on several occasions.

Beginning on April 27, 2008,⁶ experimenters attempted to deafen Cali by administering intramuscular injections of neomycin sulfate, a topical antibiotic that is toxic to the hearing part of the inner ear if absorbed into the body. Neomycin is also known to be toxic to the kidneys if absorbed.⁷ She was again injected on April 28 and April 29, 2008. On April 30, 2008, there was purulent discharge in both of her eyes, her eyes were squinted, and her face was swollen and red.⁸ Cali's blood was drawn, and laboratory tests indicated that her blood urea nitrogen (BUN) levels had more than doubled in two days – from 19 to 47 mg/dL – indicating that her kidneys were not working properly. Despite being injected with a well-known nephrotoxin, UW staff hypothesized that her high BUN level might be due to dehydration rather than kidney damage.⁹

³ U.S. Government Principle IV and National Research Council [NRC] 10, 56, 59 and 61.

⁴ UW-Madison. Animal Health Record for Cali, a.k.a. "G12." Attached as Exhibit A.

⁵ UW-Madison. Treatment and Progress Record for Cali, entry dated 18 Aug 2007. Attached as Exhibit B.

⁶ Ibid, entry dated 27 Apr 2008.

⁷ <http://www.nlm.nih.gov/medlineplus/druginfo/meds/a682274.html>.

⁸ UW-Madison. Treatment and Progress Record for Cali, entry dated 30 Apr 2008. Attached as Exhibit B.

⁹ Ibid. Entry dated 1 May 2008.

On May 1, 2008, she was again injected with neomycin.¹⁰ After this, Cali stopped eating. Her BUN levels were tested again on May 2, 2008 and were still confirmed to be very high.¹¹ Experimenters proceeded with injecting her with neomycin again, and an hour later, she was observed vomiting.¹² On May 3, 2008, both of her eyes were still squinted and she was again injected with neomycin.¹³ On May 4, 2008, her right eye was completely closed with "crusty discharge."¹⁴ Because she had not eaten in two days, experimenters force fed her 2 ml of food, and again injected her with neomycin.¹⁵ On May 5, 2008, Cali's record indicated that she was depressed, thin, and dehydrated. She was again injected with neomycin. Cali's blood was drawn again, and tests confirmed that her BUN levels were still high. Cali still was not eating, so experimenters attempted to syringe-feed her, but she was weak and could not stand.¹⁶ Veterinary staff were consulted and recommended immediate euthanasia. Cali was euthanized that day. A necropsy was performed which confirmed that Cali's kidneys were damaged.¹⁷

Broc, a.k.a. "Cat 21"

Broc is a short-haired gray and white cat who was used in sound localization experiments since February 2001.¹⁸ Sometime in 2001, Broc underwent a surgery where experimenters cut into her head and screwed a metal post into her skull.

In June 2006 UW staff observed Broc as being thin, dehydrated, with a decrease of appetite. Broc's Treatment and Progress record also notes that she was "slightly depressed."¹⁹ On June 16, 2006, UW staff noted that a latex glove was mixed in Broc's feces, indicating that UW staff was negligently allowing Broc to ingest potentially hazardous foreign objects. Broc may have ingested the latex glove due to extreme hunger that was as a result of chronic food deprivation.

Over the following months and years, Broc was repeatedly observed to have "thick/purulent discharge"²⁰ and "serious seepage"²¹ around her steel post head implant. The records indicate that this was at least partially due to laboratory staff failing to maintain a regular cleaning/maintenance schedule of the hardware implanted in Broc's head.²² One of the infections that developed around Broc's headcap was confirmed by laboratory tests to be a Staph infection.²³ Broc was repeatedly administered antibiotics, both orally and subcutaneously. There are numerous entries in her Treatment and Progress record that indicate she was thin ("as per

¹⁰ Ibid.

¹¹ Ibid. Entry dated 2 May 2008.

¹² Ibid.

¹³ Ibid. Entry dated 3 May 2008.

¹⁴ Ibid. Entry dated 4 May 2008.

¹⁵ Ibid.

¹⁶ Ibid. Entry dated 5 May 2008.

¹⁷ UW-Madison. Necropsy report for Cali. Attached as Exhibit C.

¹⁸ UW-Madison. Animal Health Record for Broc, a.k.a. "Cat 21." Attached as Exhibit D.

¹⁹ UW-Madison. Treatment and Progress Record for Broc. Entry dated 19 Jun 2006. Attached as Exhibit E.

²⁰ Ibid. Entry dated 27 Mar 2007.

²¹ Ibid. Entry dated 6 Apr 2007.

²² Ibid. Entries dated 27 Mar 2007, 28 Mar 2007, 24 Oct 2007, and 25 Mar 2008.

²³ Ibid. Entry dated 21 Oct 2008.

protocol”),²⁴ withdrawn,²⁵ dehydrated,²⁶ anorexic,²⁷ vomiting,²⁸ agitated,²⁹ lethargic,³⁰ depressed,³¹ had loose stool,³² and refused to eat.³³

Due to the timeframe of PETA’s open records request, the last record we have for Broc is from May 2009, when UW staff noted that the open wound on her head from her steel post implant was now **more than 8 years old.**³⁴ It is possible that Broc is still alive, suffering, and being used in this experiment despite her ill health.

Daisy, a.k.a. “Cat 31”

Daisy is a short-haired tabby cat who has been used in sound localization experiments at UW-Madison since at least April 2005.³⁵ On August 29, 2007, Daisy underwent a 9-hour surgery where experimenters stitched metal coils to her eyes, implanted coils inside her external ears, and cut into her head to screw a steel post to her skull.³⁶ The following day, Daisy’s third eyelids were both visible and discharge was visible in her eyes which UW staff stated “may be secondary to...eye irritation and placement of coils.”³⁷ Also, her skin had already separated from her head implant, leaving an open wound 3 centimeters in length, indicating that her surgery was poorly performed. Over the following weeks, UW staff repeatedly observed Daisy with discharge coming from her eyes.³⁸ Daisy was repeatedly administered antibiotics. In October, experimenters removed Daisy’s eye coils.³⁹

When Daisy underwent her 9-hour surgery in August 2007, she weighed 10.3 lbs.⁴⁰ On February 22, 2008, she is recorded to weigh 7 lbs, meaning that Daisy lost 32% of her body weight in 6 months. Her record attributes her precipitous weight loss on the fact that she was being chronically food deprived as part of the experimental protocol, stating that she was “actively on study, so weight loss from Sept to Feb OK as long as weight stays above 3.0 kg. [6.6 lbs.]”⁴¹

Due to the timeframe of PETA’s open records request, the last record we have for Daisy is from February 2009, when she was still alive and being used in the experiment.

²⁴ Ibid. Entry dated 29 Oct 2007.

²⁵ Ibid. Entries dated 2 Jul 2008 and 24 Jul 2008.

²⁶ Ibid. Entry dated 23 Jul 2008.

²⁷ Ibid. Entry dated 1 Aug 2008.

²⁸ Ibid. Entries dated 12 Sep 2007, 19 Dec 2008, 30 Dec 2008, and 6 Jan 2009.

²⁹ Ibid. Entries dated 29 Jul 2008, 3 Aug 2008, and 4 Nov 2008.

³⁰ Ibid. Entry dated 23 Jul 2008.

³¹ Ibid. Entry dated 2 Aug 2008.

³² Ibid. Entry dated 28 Jul 2008.

³³ Ibid. Entries dated 25 Jul 2008 and 2 Aug 2008.

³⁴ Ibid. Entry dated 7 May 2009.

³⁵ UW-Madison. Animal Health Record for Daisy, a.k.a. “Cat 31.” Attached as Exhibit F.

³⁶ UW-Madison. Procedure Log for Daisy. 29 Aug 2007. Attached as Exhibit G.

³⁷ UW-Madison. Treatment and Progress Record for Daisy. Entry dated 30 Aug 2007. Attached as Exhibit H.

³⁸ Ibid. Entries dated 2 Sep 2007, 23 Nov 2007, 1 Jan 2008, for example.

³⁹ UW-Madison. Procedure Log for Daisy. 3 Oct 2007. Attached as Exhibit I.

⁴⁰ UW-Madison. Animal Health Record for Daisy, a.k.a. “Cat 31.” Attached as Exhibit F.

⁴¹ UW-Madison. Treatment and Progress Record for Daisy. Entry dated 22 Feb 2008. Attached as Exhibit H.

Many of the adverse events and repeated surgeries that Daisy endured in this laboratory are a result of the use of invasive steel eye coil implants. These negative outcomes could have been avoided if the Principal Investigator (PI) had instead used a non-invasive infrared method for tracking eye movements. This method is widely used at other institutions and “excels with even higher precision” than the use of steel coil implants.^{42,43,44} As PETA explained in its September 12, 2012 complaint to your agency, there is no indication in the protocol for this experiment that the PI even *considered* this alternative. As such, UW-Madison failed to adhere to the *Guide*’s requirement that a PI consider ”the availability or appropriateness of the use of less-invasive procedures.”⁴⁵ This apparent deviation directly and adversely affected the health and well-being of several other cats used in this experiment, too.

Slinky, a.k.a. “Cat 26”

Slinky is a short-haired tabby cat who has been used in sound localization experiments at UW-Madison since at least March 2003.⁴⁶ The exact date is unknown, but some time prior to October 2006, Slinky underwent a surgery where experimenters cut into her head and screwed a metal post into her skull. On May 29 2008, experimenters stitched coils into her eyes and implanted coils inside her external ears.⁴⁷ The following day, Slinky’s face was observed to be swollen. UW staff described the swelling as “extend[ing] from eyes to ears on both sides.”⁴⁸ She was administered antibiotics over the next several days. On several occasions over the next few months, Slinky’s left eye was observed to be squinting and there was swelling observed around her steel post head implant.⁴⁹ On September 22, 2008, Slinky underwent a surgery where UW staff removed her left eye coil.⁵⁰ On November 15, 2008, staff stated that they “found paper product or some kind of opaque tape attached to feces in litter pan”⁵¹ indicating that they were not taking proper precautions to ensure Slinky would not have access to and ingest potentially hazardous foreign objects.

Due to the timeframe of PETA’s open records request, the last record we have for Slinky is from February 2009, when she was still alive and being used in the experiment.

Timmy, a.k.a. “Cat 33”

Timmy is a white and grey cat who was used in sound localization experiments at UW-Madison since August 2008.⁵² On December 17, 2008, Timmy underwent a surgery where experimenters

⁴² Körding KP, Kayser C, Betsch BY, König P. Non-contact eye-tracking on cats. J Neurosci Methods. 2001 Sep 30;110(1-2):103-11.

⁴³ Girard P and Koenig-Robert R.. Ultra-rapid categorization of fourier-spectrum equalized natural images:macaques and humans perform similarly. PLoS One 6:e16453 (2011).

⁴⁴ Ben-Simon A, Ben-Shahar O, Segev R. Measuring and tracking eye movements of a behaving archer fish by real-time stereo vision. J Neurosci Methods. 2009 Nov 15;184(2):235-43.

⁴⁵ NRC 10.

⁴⁶ UW-Madison. Animal Health Record for Slinky, a.k.a. “Cat 26.” Attached as Exhibit J.

⁴⁷ UW-Madison. Procedure Log for Slinky. 29 May 2008. Attached as Exhibit K.

⁴⁸ UW-Madison. Treatment and Progress Record for Slinky. Entry dated 30 May 2008. Attached as Exhibit L.

⁴⁹ Ibid. Entries dated 31 May 2008, 1 Jun 2008, 4 Jun 2008, 22 Sep 2008.

⁵⁰ Ibid. Entry dated 22 Sep 2008.

⁵¹ Ibid. Entry dated 15 Nov 2008.

⁵² UW-Madison. Animal Health Record for Timmy, a.k.a. “Cat 33.” Attached as Exhibit M.

cut into her head, screwed a metal post to her skull, stitched metal coils to her eyes, and implanted coils inside her external ears.⁵³ Timmy's skin sutures did not hold together, and her wound opened, leaving her skull exposed. The following day Timmy underwent another surgery to repair her head wound.⁵⁴ Ten days later, the skin pulled away from her Timmy's headcap, creating an open wound. On December 31, 2008, Timmy underwent a surgery to repair her left eye coil.⁵⁵ On several occasions in January, UW staff observed purulent discharge in both of her eyes and antibiotics would be applied. Timmy's eye coil again had to be repaired on January 20, 2009, after the hardware broke and the coil was exposed and visible. The last record we have for Timmy indicates that her left eye was squinted shut and discharge was still present in her right eye.⁵⁶ Timmy may still be alive and suffering at UW-Madison.

Patches, a.k.a. "G04"

Patches was a short-haired white, black, and red cat who was used in sound localization experiments at UW-Madison since at least September 2006.⁵⁷ Sometime between September and December 2006, Patches underwent a surgery where experimenters cut into her head, screwed a steel post to her skull, and implanted coils inside her external ears. In December 2006, UW staff observed that her ears were swelling, but did not pursue treatment.⁵⁸ The following month, UW staff observed an abscess on Patches' ear, which was opened up and expressed.⁵⁹ Patches was administered antibiotics over the next several days. In March 2007 she is reported to have diarrhea⁶⁰ and later that year purulent discharge was repeatedly observed around her steel post head implant.⁶¹ In August 2007, Patches was euthanized.⁶²

Marble, a.k.a. "G03"

Marble was a calico short-haired cat⁶³ who was used in sound localization experiments at UW-Madison since at least April 2007, when she underwent a surgery where experimenters implanted coils inside both of her external ears.⁶⁴ In June 2007, Marble underwent another surgery where her ear coils were replaced.⁶⁵ At some point in her life, Marble also underwent a surgery where a steel post was screwed to her skull.

In August 2007, UW staff observed purulent discharge around Marble's head implant that had a "strong odor."⁶⁶ She was administered antibiotics over the next several days. Marble's overall health started to deteriorate, and in February 2008, she was "not moving around" and appeared

⁵³ UW-Madison. Procedure Log for Timmy. 17 Dec 2008. Attached as Exhibit N.

⁵⁴ UW-Madison. Treatment and Progress Record for Timmy. Entry dated 18 Dec 2008. Attached as Exhibit O.

⁵⁵ UW-Madison. Procedure Log for Timmy. 31 Dec 2008. Attached as Exhibit P.

⁵⁶ UW-Madison. Treatment and Progress Record for Timmy. Entry dated 21 Jan 2009. Attached as Exhibit O.

⁵⁷ UW-Madison. Animal Health Record for Patches, a.k.a. "G04." Attached as Exhibit Q.

⁵⁸ UW-Madison. Treatment and Progress Record for Patches. Entry dated 14 Dec 2006. Attached as Exhibit R.

⁵⁹ Ibid. Entry dated 12 Jan 2007.

⁶⁰ Ibid. Entries dated 26-28 Mar 2007.

⁶¹ Ibid. Entries dated 26 Jun 2007 and 6 Aug 2007.

⁶² Ibid. Entry dated 17 Aug 2007.

⁶³ UW-Madison. Animal Health Record for Marble, a.k.a. "G03." Attached as Exhibit S.

⁶⁴ UW-Madison. Procedure Log for Marble. 3 Apr 2007. Attached as Exhibit T.

⁶⁵ UW-Madison. Procedure Log for Marble. 6 Jun 2007. Attached as Exhibit U.

⁶⁶ UW-Madison. Treatment and Progress Record for Marble. Entry dated 22 Aug 2007. Attached as Exhibit V.

lethargic.⁶⁷ Daisy, her cagemate who was also being used in the experiment, was observed cleaning the wound around her implanted head post. On February 14, 2008, UW-Madison experimenters killed Marble because it was the “end of study.”⁶⁸

Tiger, a.k.a. “Cat 32”

Tiger is a blue and white cat who has been used in sound localization experiments at UW-Madison since at least August 2008.⁶⁹ On September 25, 2008, Tiger underwent a surgery where experimenters cut into her head, screwed a metal post to her skull, stitched metal coils to her eyes, and implanted coils inside her external ears.⁷⁰ In the days following this surgery, UW staff observed that Tiger was squinting her eyes, that there was discharge in her eyes, that both of her ears were swollen, and that there was swelling in her head around her steel post head implant.⁷¹ On January 8, 2009, Tiger underwent a surgery to repair her left eye coil.⁷² After bloody discharge was observed in her right eye, Tiger’s records state “lab manager is talking to [Principal Investigator] about removing coil”⁷³ but there is no indication that Tiger’s coil in her right eye was ever removed or repaired. On May 8, 2009 – the last record PETA has for Tiger – there was still ocular discharge and swelling observed around Tiger’s eyes. Tiger may still be alive and suffering at UW-Madison.

Mama Grey, a.k.a. “Cat 28”

Mama Grey was a blue short-haired cat who was used in sound localization experiments at UW-Madison since at least October 2004.⁷⁴ Sometime prior to September 2006, Mama Grey underwent a surgery where experimenters cut into her head, screwed a steel post to her skull, and stitched metal coils to her eyes. The first written records we have for Mama Grey start in September 2006, when UW staff was applying antibiotics to her right eye.⁷⁵ In April and October 2007,⁷⁶ Mama Grey is reported as being thin, likely a result of the chronic food deprivation she was undergoing “as per protocol.” In August 2007, there was an open lesion around Mama Grey’s steel post head implant. UW staff believed this wound resulted from her scratching at her head. This wound became infected, and purulent discharge was present with a “strong odor.”⁷⁷

In 2008, Mama Grey’s health deteriorated and she underwent a series of treatments that for the most part failed to ameliorate her repeated infections. Her eyes were repeatedly squinted shut, with purulent or crusty discharge present.⁷⁸ Her head wound also became infected with discharge

⁶⁷ Ibid. Entry dated 7 Feb 2008.

⁶⁸ Ibid. Animal Health Record Addendum Sheet.

⁶⁹ UW-Madison. Animal Health Record for Tiger, a.k.a. “Cat 32.” Attached as Exhibit W.

⁷⁰ UW-Madison. Procedure Log for Tiger. 25 Sep 2008. Attached as Exhibit X.

⁷¹ UW-Madison Treatment and Progress Record for Tiger. Entries dated 26-30 Sep 2008, 3 Oct 2008, and 14 Oct 2008. Attached as Exhibit Y.

⁷² UW-Madison. Procedure Log for Tiger. 8 Jan 2009. Attached as Exhibit Z.

⁷³ UW-Madison Treatment and Progress Record for Tiger. Entry dated 24 Mar 2009.

⁷⁴ UW-Madison. Animal Health Record for Mama Grey, a.k.a. “Cat 28.” Attached as Exhibit AA.

⁷⁵ UW-Madison. Treatment and Progress Report for Mama Grey. Entry dated 15 Sep 2006. Attached as Exhibit BB.

⁷⁶ Ibid. Entries dated 18 Apr 2007 and 29 Oct 2007.

⁷⁷ Ibid. Entry dated 21 Aug 2007.

⁷⁸ Ibid. Entries dated 31 Jan 2008, 25 Mar 2008, 3 Apr 2008, 7 Jun 2008, and 30 Aug 2008.

present.⁷⁹ She was lethargic and was repeatedly observed rubbing her eyes and vomiting.⁸⁰ Mama Grey started to experience pain and discomfort from her numerous inflammations – as is evidenced by the fact that UW staff injected her with ketaprofen⁸¹ and had to resort to restraining her in a bag to place eye drops in her eyes⁸² because she “[did] not appreciate ocular handling.”⁸³

In September 2008, Mama Grey was euthanized and UW experimenters removed her organs and tissues.⁸⁴

Conclusion

We believe this extensive documentation demonstrates a pattern of carelessness towards animals and disregard for the standards set forth in the *Guide* and Public Health Service requirements that resulted in enormous suffering for the cats used in this highly invasive experiment.

If PETA's complaint is found to be valid, we respectfully request that you terminate any ongoing NIH support of the experiments in question. Furthermore, as you are aware, section 4.1.1.5 of the NIHGPS states, “Charges to NIH grant awards for the conduct of live vertebrate animal activities during periods of time that the terms and conditions of the grant award are not upheld are not allowable.” NIH has further elaborated to PETA in a letter that it, “does not permit charges to grant awards for the conduct of animal studies during periods of non-compliance with animal welfare regulations.”

Because UW-Madison's conduct is in direct violation of the NIHGPS, PETA also urges the NIH to seek repayment of previous funds awarded to UW-Madison for this experiment during the noncompliant period.

I look forward to hearing from you. I can be reached at [redacted] Telephone # or JeremyB@peta.org. Thank you for your time and thoughtful consideration.

Sincerely,



Jeremy Beckham
Research Project Manager
Laboratory Investigations Department

⁷⁹ Ibid. Entry dated 25 Mar 2008.

⁸⁰ Ibid. Several entries between 24 Jul 2008 and 23 Aug 2008.

⁸¹ Ibid. 7 Jun 2008 and 8 Jun 2008.

⁸² Ibid. 9 Jun 2008.

⁸³ Ibid. 10 Jun 2008.

⁸⁴ Ibid. 5 Sep 2008.

Exhibit A

UW-Madison Animal Health Record for Cali, a.k.a. "G12"

ANIMAL HEALTH RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

Cali

UW ID# G12 USDA# 00258/K145 DATE REC'D: 7/24/2002

SPECIES: Cat STRAIN: DSH VENDOR: Class A dealer

BIRTHDATE: 10/10/01 SEX: F DESCRIPTION:

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
7/24/2002	[REDACTED]	[REDACTED]	2/19/03	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	3-25-03	[REDACTED]	[REDACTED]

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
7/9/03	6.1 lb	6-7-04	3.88 kg	8-18-07	3.7 kg	5/4/08	3.4
5-24-03	6.8 #	69-28-04	3.5 kg	9-21-07	3.7 kg		
9/7/04	6.8 #	12-11-06	3.2 kg	10-29-07	3.9 kg		
20/13/05	3.24 L	5-3-07	3.1 kg	12-15-08	4.04 L		
09/08/05	3.10 kg	6-14-07	3.3 kg	2/21/08	4.0 kg		
3/21/06	3.98 kg	7-16-07	3.4 kg	4/28/08	3.8 kg		

Diagnostics Record

Date	Test	Result	Date	Test	Result
6/13/05	Trim nails				
3/21/06	Trim nails				
6-7-06	Trim nails				
6/13/06	FECAL	NEG			

Final Disposition (Please answer all questions below)

FOR INVESTIGATOR USE

What was the animal euthanized with (include dosage and route of administration)?

Euthanasia 2ml IV in cephalic vein [REDACTED] 5/5/08 5:40pm

Reason for Euthanasia:

End of Study Per Protocol

Other (please explain): Adverse event, deteriorating health subsequent to neomycin treatment

Was the animal submitted for Necropsy? Yes (Veterinary staff will attach to record)

Date 5/4/08

Sign: [REDACTED]

FOR VETSTAFF USE

AS 5/12/08 Check and initial when necropsy is completed and attached

R0181

Exhibit B

UW-Madison Treatment and Progress Record for Cali

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# K145/612 "Cali" SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
10/23/06	10am	1 ml (62.5mg) Clavamox PO
	2pm	1 ml (62.5mg) Clavamox PO
10/24/06	1pm	" "
	3pm	" "
10/25/06	9:30am	1 ml (62.5mg) Clavamox PO
	2pm	" "
10/26/06	9A	1cc (62.5mg) Clavamox PO BAR, good wound appearance
	1pm	" "
10/27/06	7am	1cc (62.5mg) Clavamox PO
	3pm	1cc (62.5mg) Clavamox PO
		As per [REDACTED], % treatment, return to Normal
		Husbandry
12/11/06		Nail Trim [REDACTED]
5/3/07		PHYSICAL EXAM (S) BAL (O) WNL - HEART & LUNG SOUNDS = NORMAL (A) urinal (F) monogram NAIL TRIM.
5-09-07	900	APPEARS NORMAL. BATH.
6-12-07	800	NAILS TRIMMED. APPEARS NORMAL. BATH.
7-16-07	810	APPEARS NORMAL. BATH.
8-15-07	820	EDGES OF HEADCAP SLIGHTLY SCABBED - NO DISCHARGE OR WOUNDS. SEVERAL MATS IN FUR ON DORSAL BODY. BATH.
9-4-07	750A	HEADCAP EDGES SCABBED WITH PURULENT DISCHARGE FROM VARIOUS LOCATIONS AROUND HEAD CAP MARGIN. MATS OF FUR ON DORSAL BODY STILL PRESENT. BATH - TOOK SWAB OF HEAD CAP FOR CULTURE & SENSITIVITY.
	100PM	CLEANED HEAD CAP WOUND EDGE WITH CHLORHEXIDINE SCRUB APPLIED TRIPLE ANTIBIOTIC OINTMENT.
9-5-07	810AM	SCABS WITH PURULENT DISCHARGE PRESENT AROUND ENTIRE HEAD CAP WOUND EDGE.

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# K145 / GTZ "CALI" SPECIES: FELINE SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
9-5-07	245P	1mL (62.5 mg) CLAVAMOX PO [REDACTED]
9-6-07	800A	1mL (62.5 mg) CLAVAMOX PO, SCABBIING AROUND HEAD CAP WOUND EDGE, SMALL AMOUNT OF PURULENT DISCHARGE. NO NOTICEABLE ODOUR. [REDACTED]
	130P	ART REPORTED CALI THREW UP WITH MAJORITY OF EXCRETION BEING LITTER. OVM [REDACTED] DID PE AND FOUND EVERYTHING TO BE WNL. [REDACTED]
	145P	1mL (62.5) mg, Clavamox PO. Separated from cage mate to monitor output. [REDACTED]
9-7-07	805A	1mL (62.5 mg) Clavamox PO. Urine present in litter pan no feces, no vomit/regurgitation in cage. [REDACTED]
	7:30P	1mL (62.5 mg) Clavamox PO. Feces noted in cage by ART. Scrubbed head cap wound edge w/ Chlorhexidine scrub, applied TAD [REDACTED]
9-8-07	7:45AM	1mL (62.5mg) Clavamox PO. [REDACTED] CULTURE + SEN RESULTS SHOW THAT CLAVAMOX IS EFFECTIVE! CONTINUE
	3:25PM	1mL (62.5mg) Clavamox PO. [REDACTED]
9-9-07	7:30AM	1mL (62.5mg) Clavamox PO Cali is BART, eating well, wound edge mild crusting with small amount of purulent discharge. [REDACTED]
	2:30pm	1mL (62.5mg) Clavamox PO. [REDACTED]
9-10-07	9:15AM	1mL (62.5mg) Clavamox PO [REDACTED]
	3pm	1mL (62.5mg) Clavamox PO [REDACTED]
9-11-07	8:10AM	1mL (62.5mg) Clavamox PO, wound edge mild scrubbing, no fecal discharge BART. [REDACTED]
	2 PM	1mL (62.5mg) Clavamox PO [REDACTED]
9-12-07	739	SMALL MOIST WOUND ON RIGHT SIDE OF HEADCAP - NO DISCHARGE OR ODOUR. VOMIT CONTAINING FOOD IN CAGE. 62.5 mg CLAVAMOX GIVEN PO. [REDACTED]
	1437	62.5 mg CLAVAMOX GIVEN PO. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# K145/G12	"CALI"	SPECIES: FELINE	SEX: F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)	
9-13-02	845A	62.5 mg CLAVAMOX PO	
	235P	62.5mg Clavamox PO REPORT OF DIARRHEA IN PM, NO EVIDENCE IN CAGE, WILL RECHECK IN AM.	
9-14-02	810A	62.5 mg Clavamox PO, wound edge dry + scabbed no discharge. No evidence of diarrhea in litter pan. Normal feces noted. As per com [REDACTED] continue Clavamox PO BID Thru 9-15-02 AM to complete 10D regimen	
	1430	62.5mg CLAVAMOX GIVEN PO.	
9-15-02	7:50AM	62.5mg CLAVAMOX PO	
	15:30	62.5mg CLAVAMOX PO	
9-16-02	10:15AM	62.5mg CLAVAMOX PO; wound edge dry no discharge normal feces.	
	230	62.5mg CLAVAMOX PO	
9/17/02		DISCONTINUE CLAVAMOX. (P) NORMAL	
		HVS BANDAY / MONITOR.	
9-21-02	1310	APPEARS NORMAL. BATH. HEADCAP CLEAN, NO DISCHARGE /ODOR.	
9-28-02	11:00am	APPEARS NORMAL, BATH. Reported by care of soft stool. Will monitor as per DVM	
9/29/02	8:40am	Appears normal, no head cap discharge No stool in box as of 8:40 am. Will recheck tomorrow am	
9/30/02	8:45am	Appears normal; stool looks solid didn't see blood	
10/01/02	8am	BATH, stool solid.	
10/02/02	8:30am	BATH. stool solid.	
10/03/02	8am	Appears normal housed with Sisay, stool still solid without blood. HS per DVM RTN.	

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# K145/G12 "CALL" SPECIES: FELINE SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
10/29/07		(S) BAR (O) GOOD BODY CONDITION, SOME PURULENT DISCHARGE FROM HEAD CAP MARGIN. (A) WNL (P) INCREASE FREQUENCY OF HEAD CAP CLEANING.
11-27-07	715	HEADCAP MARGIN SLIGHTLY SCABBED. NO DISCHARGE. [REDACTED] DVM OTHERWISE APPEARS NORMAL. BAR. [REDACTED] ✓ [REDACTED] DVM
1-14-08		WNL - [REDACTED] DVM
2/12/08	815	NAILS TRIMMED. ACTIVE, BAR APPEARS NORMAL.
3/24/08	1015	SCABBED EDGES OF HEADCAP WITH PURULENT DISCHARGE ON CAUDAL SIDE. BAR.
3/25/08	1030 A	SIG:BAR, intact hair edges head cap dry with minimal discharge from L side. Weight stable. A: WNL P: No other indicated at this time. [REDACTED] DVM.
4-27-08 12:15		2.28mg (7.6ml) neomycin sulphate Sust O. [REDACTED]
4/28/08	1345	1ml BLOOD DRAWN FROM LEFT CEPHALIC VEIN: Na mmol/L 151, K mmol/L 3.7, Cl mmol/L 118, BUN 19, Glu 96 AND Hct 34% APPEARS NORMAL, EATING/DRINKING WELL. BAR [REDACTED] NAILS TRIMMED [REDACTED] DVM
4-28-08 1520		2.28mg (7.6ml) neomycin sulphate Sust O (some didn't go in) [REDACTED]
4-29-08		WNL - CONTINUE TO MONITOR [REDACTED] DVM
4-29-08 2:00pm		2.28mg (7.6ml) neomycin sulphate Sust O cat at 1/4 can level. Sleepy [REDACTED]
4/30/08	8:55am	Purulent discharge from left and right eye. Both eyes appear slightly squinted, possibly sensitive to light.
1445		0.5 ml BLOOD DRAWN FOR EVALUATION FROM LEFT CEPHALIC VEIN. FACE APPEARS RED AND SLIGHTLY SWOLLEN. CLEAR DISCHARGE FROM BOTH EYES. URINE IN PAN. APPLIED TAD TO BOTH EYES.
		✓ [REDACTED] DVM

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	G12	CALI	SPECIES:	FELINE	SEX:	F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)				
4/30/08		BUN HAS MOLE THAN DOUBLED SINCE 4/28/08, FROM 19 TO 47. BUN OF 47 IS HIGHER THAN DESIRED; A RANGE OF UP TO APPROX. 35 WOULD BE ACCEPTABLE. (P) DISCONTINUE NEOMYCIN INJECTIONS FOR TIME BEING. CONTINUE TO MONITOR. RE-CHECK BUN TOMORROW. WILL DISCUSS CASE AT VET LOUNDS TOMORROW A.M.				
5/1/08		(S) QAR. (O) NO MAJOR ABNORMALITIES. NOTED GROSSLY. (A) POSSIBLE SIDE-EFFECTS (REGARDING RENAL FUNCTION) MAY EXIST DUE TO NEOMYCIN TREATMENTS. (P) DRAW BLOOD FOR CHEM PANEL INCLUDING CREATININE, ADMINISTER SC LRS, 200-400 ml. WILL ADVISE ON FURTHER NEOMYCIN INJECTIONS BASED ON SERUM CHEMISTRY RESULTS.				
845		1ml BLOOD DRAWN FOR CHEMISTRY PANEL, 250 ml LRS GIVEN SUBCUTANEOUSLY.				
11:15		BLOOD RESULTS (IN BACK OF BOOK) INDICATE CREATININE OF 2.3-- NOT ABNORMALLY HIGH. HIGH BUN MAY BE RESULT OF DEHYDRATION RATHER THAN RENAL DAMAGE. (P) OK TO CONTINUE WITH NEOMYCIN, SC FLUIDS AGAIN TOMORROW.				
3:50		228mg (7.6 ml) neomycin sulphate subq				
5/2/08 8:10am		TEMP = 100.4 Both eyes squinted. Good amount of urine in pan, no feces. Did not consume canned food from previous day (5/1).				

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# G12

GALI

SPECIES: FELINE

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
5-2-08	2:50pm	228 mg (7.6 mL) neomycin sulfate sub Q [REDACTED]
	4:10 pm	1/4 tab 10mg Famotidine (Pepcid) PO, repeat 1x daily. Offer 1.5g canned food (ok to do in am vs. pm.) Sat. am. Assess status and appetite. W/S output. Note vomiting/mucus.
		Report 500 0.9% NaCl 200ml. Sat. am. Sign if importance continues.
		Q 1/4 tab famotidine 310 PO
		Plan to recheck BUN, creat, uric, +/- T+ Morn. am.
5/3/08	10:45	10mg Famotidine given PO. Good amount of urine in pan, no feces. Consumed most of canned food offered 5/2, ~1tbsp. left in dish. Eyes still squinted in appearance. 200ml of 0.9% NaCl given SQ. QAR. [REDACTED] (228 mg 51.5%)
5/4/08	10:45	10mg Famotidine given PO and 120ml of 0.9% NaCl given SQ. Mucous membranes are pink and moist. Eyes squinted, right eye closed. Mild crusty discharge. Did not consume canned or dry food from 5/3. Offered 1/4 can of wet food and nutrical. Force fed ~2ml of nutrical. Normal urine, no feces in pan. QAR.
		228 mg (7.6mL) neomycin sulfate SC [REDACTED]
5/5/08	8:00	(S) ALERT, BUT SOMEWHAT DEPRESSED. (O) FEELS THW & DEHYDRATED. WT = 3.45 kg T = 102.3 RR = 12 HR = 180 8-10% ESTIMATE OF BODY DEHYDRATION. (A) SOME SYSTEMIC EFFECTS OF AZOTEMIA/UREMIA DUE TO NEOMYCIN INJECTIONS (P) CONTINUE FAMOTIDINE. DREW BLOOD FOR CHEM PANEL. COLLECTED URINE VIA EXPRESSION FOR SPECIFIC GRAVITY. WILL ASSESS RESULTS + CONFER WITH LAB LATER TODAY [REDACTED] DVM ADMINISTER 100-150 CC SC NaCl.

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NOTE: LITTLE RESPONSE TO "STARTLE" NOISES -- DEAFNESS
 MAY BE OCCURRING.
 S-0153

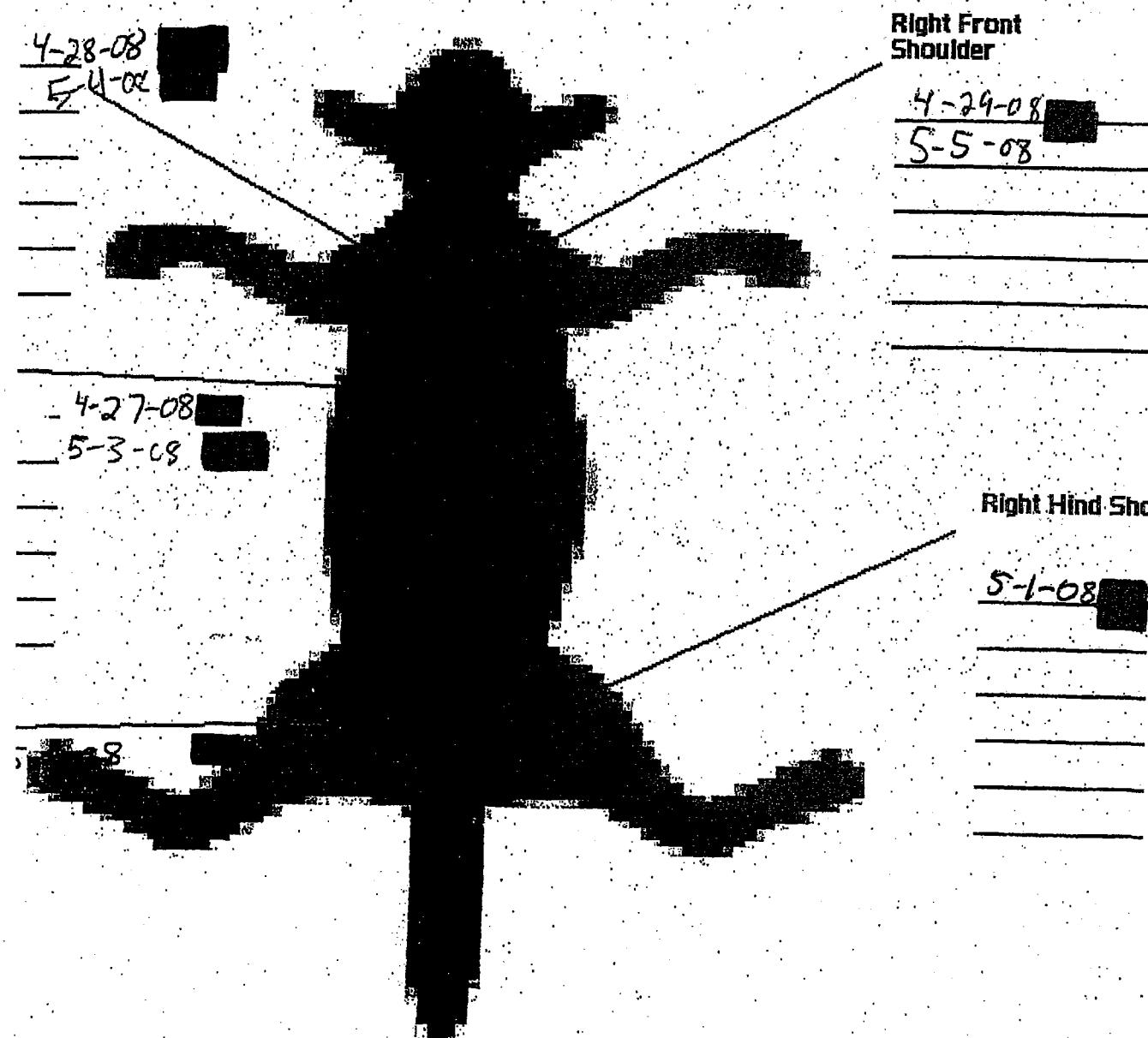
TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

ID#	G12	CAT	SPECIES: FELINE	SEX: F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)		
5/5/08	(cont.)	CREATININE = 4.8 BUN = 66 (SEE FULL REPORT IN BACK).		
		SPoke with PI, plan is to administer 1 MORE NEOMYCIN INJECTION TODAY, THEN PERFORM HEARING TEST MID-WEEK TO ASSESS IF FURTHER NEOMYCIN IS NEEDED.		
		CONTINUE FAMOTIDIINE + SC FLUIDS SD.		
		228 mg (7.6 mL) neomycin sulfate [REDACTED] DUS		
8:30		10mg Famotidine given PO. Offered 1/2 can soft diet. Administered at least 100 mL of 0.9% NaCl SQ.		
4pm		Attempted syringe feeding ADD gruel. Cat now has altered mentation. Hairy, weak. Not swallowing well. Tongue sticking out. Consult w/ [REDACTED] John		
5/5/08	4:20pm	J: Deteriorating; unable to stand on own, Uremic Mn-pale unk, hydathic OK food in mouth At: Deteriorating overall health since last dose of Neomycin. P/S = Renal toxicity, CNS toxicity, Olfactory, P: Consult with PT regarding poor prognosis - recommend euthanasia & recovery. PI agreed to euthanasia & NO recovery. [REDACTED] give 2 mL Benadryl ZU & discontinued. [REDACTED]. Continued death by asphyxiation [REDACTED] at 5:40pm		

Injection Site Diagram

Call 612



R0187

20100921 - 000341

Exhibit C

UW-Madison Necropsy Report for Cali

COMPARATIVE PATHOLOGY LABORATORY
 Research Animal Resources Center Room Enzyme Institute
 1710 University Avenue, University of Wisconsin
 Madison, WI 53726-4087

Clinical Lab

Telephone #

Histo Lab

Telephone #

• FAX

Telephone #

SMALL MAMMAL

Submission Date	05/06/08	Protocol number		
Direct charge number (required for billing)	FUND	ACCOUNT	UDDS	ACTIVITY
OR requisition number (required for billing)	LAR			
Name of departmental billing officer (required)	Telephone			
Lab Animal Veterinarian	Investigator	Dept.	Physiology Dept.	
Contact Person	Dept. Address	Telephone	Email	FAX
Species	Feline	Background Strain/Breed	DSR (Calico)	No. 1 Age Adult
Sex	Female	ID	"Call" G12	Animal Room #
Specimen Submitted:	Live <input type="checkbox"/>	Dead <input checked="" type="checkbox"/>	Euthanized <input type="checkbox"/>	
Method and drug used		Euthanized with Euthasol IV, 2 ml Date & time of Death 05/05/08 7:45 p.m.		
Experimental procedures, drugs, diet and/or transgene/mutation:				

GROSS NECROPSY

HISTORY: This animal was head capped with eye and ear coils for audio and visual studies. Neomycin was given subcutaneously for the past seven days (starting on 04/27/08) in five alternating locations to deafen the cat as part of an approved protocol. Blood values were monitored 3 times weekly to assess kidney functions. BUN increased from 19 to 66 in one week and creatinine elevated to 4.8 on 05/05/08. Weight loss was approximately 1 lb over one week. Late on the afternoon of the 5th, the animal appeared lethargic and unwilling to eat or drink as well as somewhat ataxic with the tongue hanging out. Early in the week, there had been some facial edema with redness that had decreased over time. Treatment included fluid therapy and famotidine administration.

GROSS NECROPSY:

External Findings – The animal presented is a short-haired calico female weighing 3.44 kg and showing the tattoo "K245" in the left ear in green ink and the tattoo "IH" with a circle around the H in the right ear and with a semi-circular cut out of the tip of the ear that infringes on that circle. There is crusting of blood around the head cap though the skin is tight to the edges of the cap. On removal of the crusting, there is noted to be a small amount of weeping and redness to the edges of the skin adjacent to the cap. The tongue is held between the closed teeth and the edges appear somewhat desiccated.

Integument and Subq – The coat appears unremarkable as does the subcutaneous tissue where there is a mild amount of fat deposition. In addition, there is a focus of hemorrhage noted in the subq on the medial right thigh which is likely due to venipuncture.

Cardiovascular – The heart weighs 14.38 grams. The left ventricle is 6 mm in thickness and the right 1 mm in thickness.

Respiratory – The left lung shows glassy pink-red medial and cranial lobes with a mild emphysema noted on palpation. The left diaphragmatic lobe shows deep red discoloration to the dorsal and medial hilar portion of the lung and a mottled pink-orange coloration over the dorsal and ventral surfaces to its

R0182

edge. On the right side, there is a deep purple central discoloration and collapse of the cranial and middle lobes with a small amount of orange-pink bullous emphysema at the peripheral edges of these lobes. The right diaphragmatic lobe shows deep red-purple discoloration to the majority of the lobe on the dorsal ventral surfaces and to the peripheral edge though the hilar dorsal and medial surfaces show a pink-orange mottled coloration. The intermediate lobe is also deep purple in color. There is a suggestion on sectioning the right cranial lobe that there may be more than just the froth within the bronchioles but this will need to be examined histologically. The trachea and bronchi contain a pale yellow-green froth through most of their length.

Digestive – The liver shows a large distended gall bladder with dark green bile. The liver itself shows a red-brown mottled discoloration. The liver weighs 78.78 grams. There is considerable fat seen in both the mesenteric and omental tissues. The small intestines contain a small amount of scant yellow thick semi-solid material. There appears to be a small amount of soft feces in the colon.

Lymphohematopoietic – The spleen is swollen and congested and weighs 8.19 grams. Thymic tissue appears atrophic and lymph nodes are not prominent.

Uro-Genital – The kidneys appear somewhat swollen with pale yellow tinged cortices, rose red medulla and pale papillary regions on sectioning. The urinary bladder is empty. The uterine stump is noted which would indicate that the animal had been previously ovariohysterectomized. The right kidney weighs 14.7 grams and the left 13.63 grams.

Endocrine – The adrenals show a pale cortex and brown central medullary region. The left adrenal weighs 0.30 grams and the right 0.31 grams. The thyroids are quite small. The left weighs 0.0307 grams and the right 0.0140 grams. This might suggest possible hypothyroidism. The pituitary is unremarkable.

Central Nervous System – The brain shows no gross external abnormalities.

Musculoskeletal – No gross lesions are noted.

Tentative Diagnoses:

1. Nephropathy.
2. Hepatopathy.
3. Hypothyroidism(?)
4. Pulmonary edema and congestion/hemorrhage.

Pending Lab Procedures: Section of lung frozen for culture; histology; fecal.

Comment: It is noted that sections of the liver and kidneys float in formalin suggestive of a high degree of fatty infiltration.

[REDACTED] DVM, Ph.D.
Diplomate, American College of Veterinary Pathologists

Exhibit D

UW-Madison Animal Health Record for Broc, a.k.a. "Cat 21"

ANIMAL HEALTH RECORD

Cat 21

Brack

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

UW ID# "Brac" #21 USDA# H0J145 DATE REC'D: 02/27/01

SPECIES: Feline STRAIN: DSH VENDOR: Class A dealer

BIRTHDATE: 09/19/00 SEX: Female DESCRIPTION: Gray/red/white

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
02/27/01	[REDACTED]	[REDACTED]			

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
6/14/01	3.2 kg	6-17-04	5.9 #	9-28-04	2.5 kg	10-29-07	2.96 kg
9-28-01	2.5 kg	9-17-04	5.8 #	4-28-06	2.6 kg	10-15-08	2.72 kg
5/3/02	2.84 kg	4/25/05	2.8 kg	6-14-07	2.6 kg	3/22/08	2.9 kg
7/9/03	6.1 #	6/13/05	2.86 kg	7-16-07	2.7 kg	4/28/08	2.84 kg
3-3-04	6.3 #	9/20/05	2.80 #	8-13-07	2.8 kg	6/18/08	2.86 kg
5-24-04	6.2 #	3/21/06	2.9 kg	9-21-07	2.9 kg	7-28-08	2.72 kg

Diagnostics Record

Date	Test	Result	Date	Test	Result
7-23-08	GBC, chem	WNL, See results			
8/5/08	GBC, chem	WNL, See results			
10/17/08	Culture	See results			
4-28-09	Another culture ^{hemocyt} hemocyt ^{strep} / See results				

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
1	4/25/03	PJ called - eye lesion - OS	
	7-24-08	skin surface discharge - infection - Culture - (2)	8-18-08
2	10-17	skin surface discharge/infection - Cult - (2) organism	11-4-08
	5-7-09	skin surface discharge/infection - Multiple drug resistant organism	
3			
4			

Final Disposition: _____ Date: _____

R0031

Exhibit E

UW-Madison Treatment and Progress Record for Broc

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cat 2

SPECIES: cat

SEX: ♀

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
4-1-06	am	8:00 AM 125 mg in 5 ml cephalixin
	pm	3:30 PM 125 mg in 5 ml cephalixin
4-2-06	am	7:30 AM 125 mg in 5 ml cephalixin
	pm	12:00 PM 125 mg in 5 ml cephalixin
4-3-06	9 am	BAR No swelling, animal eliminating, eating Normal Husbandry, as per DVM (H) CW
4-3-06	9:00 AM	125 mg cephalixin [REDACTED]
6-16-06		EXAMINATION OF FECAL MATERIAL IN CAGE REVEALED PRESENCE OF TAPE + LATEX GLOVE MIXED IN FECES.
		PLAN: WILL NOTIFY PI + LAR STAFF TO BE PARTICULARLY CAREFUL ABOUT LEAVING MATERIAL NEAR THIS CAT (THAT COULD BE EATEN). ALSO LAXATONE THERAPY. [REDACTED] DVM
6/19/06		SOMEWHAT THIN + DEHYDRATED. DECREASED APPETITE. CONCERNED ABOUT PARTIAL GI OBSTRUCTION +/OR ENTERITIS. SLIGHTLY DEPRESSED BUT STILL ALERT + ACTIVE. NO EVIDENCE OF LINEAR FOREIGN BODY ATTACHED IN MOUTH. ABDOMINAL PALPATION = NORMAL PI GAVE DOSE OF LAXATONE 6/19. IF NO IMPROVEMENT OVERNIGHT, POSSIBLE BLOODWORK + ABDOMINAL RADIOPGRAPHY.
		[REDACTED] 6/19/06
6/22/06		OK -- RETURN TO NORMAL HUSBANDRY.
7-16-07		SOME DISCHARGE, CRUSTINESS AROUND HEAD CAP, OK - NO TREATMENT AT THIS TIME. WILL CONTINUE TO WATCH.

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TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Bro' Date 4/05/05 SPECIES: Fel SEX: ♂

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
3/27/07		310PM - S/O BAR, Fr. eddy, crustative mild erythema / swelling around lateral wound edge - minimal thick, foul-smelling discharge noted around wound edge. (P) Discus with lab staff - re-maintenance schedule [REDACTED]
3/28/07		830A unchanged (P) Discuss with lab staff. Lab will be cleaning today. (P) inspect/assess PM after cleaning. 305PM still significant purulent (yellow/grey) exudate at lateral and caudal margin. (P) Discus with lab. Review labi headcap maintenance SOP. [REDACTED]
4-6-07	(S) BAR. (O) RAW AREAS AROUND HEAD CAP, w/ SEROUS SEEPAGE	(A) POSSIBLE CHRONIC, LOW GRADE INFECTION AROUND HEAD CAP. (P) START CLAVAMOX DROPS 1ml(62.5mg) BID. EARLY NEXT WEEK, WILL APPLY COLLASATE GBC TO HEAD CAP MARGIN TO ASSESS IF IT WILL AID IN HEALING. [REDACTED]
4-6-07		62.5 mg CLAVAMOX LIQUID GIVEN PO AT 1345. [REDACTED]
4-07-07	7:45am	62.5mg Clavamox liquid PO. [REDACTED]
	2:30pm	62.5mg Clavamox PO. [REDACTED]
4-08-07	7:15am	62.5mg Clavamox PO. [REDACTED]
	8:20pm	62.5mg Clavamox PO. [REDACTED]
4-9-07	11:0	62.5 mg CLAVAMOX GIVEN PO [REDACTED]
4-10-07	7:35	62.5 mg CLAVAMOX GIVEN PO [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# BROC #21 SPECIES: FELINE SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
4-15-07	3:00pm	62.5 mg CLAVAMOX PO
4-16-07	800	62.5 mg CLAVAMOX GIVEN PO.
4-16-07		DISCONTINUE CLAVAMOX. GENTLY CLEANED HEAD CAP MARGIN & FLUSHED WITH SALINE. RE-APPLIED LAYER OF COLASATE. WILL CONTINUE TO MONITOR. NAILS TRIMMED.
4-17-07		NO DRAINAGE OR OPEN TISSUE AROUND HEAD CAP. (P) CONTINUE TO MONITOR. MAY RE-APPLY COLASATE TOMORROW.
4-18-07		PHYSICAL EXAM: (S) BAR (O) HEAD CAP MARGIN MAY SHOW SLIGHT IMPROVEMENT, BUT NOT DRAMATIC. OTHERWISE WNL (Q) OVERALL IN GOOD CONDITION (P) NORMAL MONITORING. CAN START CLEANING HEAD CAP IN NORMAL MANNER
4/23/07		HEAD CAP MARGIN OK. CAN KEEP GENTLY CLEANING HEAD CAP.
5-09-07	900	APPEARS NORMAL. BATH.
6-12-07	800	NAILS TRIMMED. APPEARS NORMAL. BATH.
7-16-07	810	SMALL OPEN WOUND AT LEFT SIDE OF HEAD CAP. SCRATCHING AT HEAD CAP OBSERVED. NAILS TRIMMED.
8-13-07	820	EDGES OF HEADCAP SLIGHTLY SCABBED. NO DISCHARGE OR WOUNDS NOTED. BATH.
9/4/07		PURULENT DISCHARGE AROUND HEAD CAP. RECOMMEND MORE AGGRESSIVE CLEANING + SYSTEMIC ANTIBIOTICS (BASED ON CULTURE + SENS OF OTHER CATS IN ROOM SUBMITTED ON 9/4/07)
9/15/07	800AM	CLEANED HEAD CAP WOUND EDGE USING CHLORHEXIDINE SCRUB, APPLIED TRIPLE ANTIBIOTIC OINTMENT.

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20100921 - 00013

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	BROC #21	SPECIES: FELINE	SEX: F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)	
9-5-07	245P	1 mL (62.5 mg) CLAVAMOX PO	
9-6-07	800A	1 mL (62.5 mg) CLAVAMOX PO. SCABBED WOUND EDGE WITH PURULENT DISCHARGE. SOME ODOR NOTICEABLE.	
	145A	1 mL (62.5 mg) CLAVAMOX PO	
9-7-07	805A	1 mL (62.5 mg) CLAVAMOX PO	
	220P	1 mL (62.5 mg) CLAVAMOX PO. SCRUBBED HEAD CAP wound edge w/ chlorhexidine scrub. Applied TAD.	
9-8-07		7:45am 1 mL (62.5 mg) Clavamox PO. 3:25pm 1 mL (62.5 mg) CLAVAMOX PO	
9-9-07		7:30am 1 mL (62.5 mg) Clavamox PO. Purulent discharge around head cap otherwise Broc is BAE. 2:15pm 1 mL (62.5 mg) Clavamox PO. Cleaned head cap wound edge using chlorhexidine scrub. Applied triple antibiotic ointment.	
9-10-07	910A	1 mL (62.5 mg) Clavamox PO. (wound edge moist but scabbed no purulent discharge noted)	
9-11-07	-810A	Broc was not in room for 9-10-07 PM dose. Left note for lab to treat and sign in book. Treatment Unknown. No signature in record	
	810A	1 mL Clavamox PO. scabbed moist wound edge w/ small amount of purulent discharge. BAE	
	2 PM	1 mL Clavamox PO (62.5 mg)	
9-12-07	736	SCABBED EDGES OF HEADCAP, NO DISCHARGE OR ODOR. 1mL (62.5mg) CLAVAMOX GIVEN PO.	
	1487	62.5mg CLAVAMOX GIVEN PO. VOMIT CONTAINING PARTIALLY DIGESTED FOOD AND PUER IN BOTTOM OF CAGE.	
9-13-07	8:35A	62.5 mg CLAVAMOX PO	
	2:35P	62.5mg CLAVAMOX PO, REPORT OF DIARRHEA IN PAN ^D	

(1) WRONG CATS RECORD

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	BROC #21	SPECIES: Feline	SEX: F
Date Problem# Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
9-14-07	B1DA	62.5mg CLAVAMOX PO, wound edge scabbed but moist, tissue under scales red + inflamed. As per AMU, continue 62.5mg CLAVAMOX PO BID thru 9-15-07 AM. to complete 10 day regimen?	
	B1432	62.5mg CLAVAMOX WITH CANNED FOOD LEFT IN CAGE. ANIMAL IN LAB. VOMIT CONTAINING PARTIALLY DIGESTED FOOD IN CAGE.	
9-15-07	7:50 AM	62.5mg CLAVAMOX, food is gone, no vomit noted	
	15:30	62.5mg CLAVAMOX PO	
9-16-07	10am	62.5mg CLAVAMOX PO	
	2PM	62.5mg CLAVAMOX PO	
9/17/07		DISCONTINUE CLAVAMOX. (P) NORMAL HUSBANDRY / MONITOR.	
9-21-07	1310	APPEARS NORMAL. EARH - HEADCAP CLEAN - NO DISCHARGE/ODOR.	
10.05.07	8:15am	Reported by care staff some discharge from head head cap. Upon examination, purulent discharge around head cap noted. As per DIV, contact lab to clean it today. Her re-avails on Monday. G called lab at 8:25 am was unable to leave message - no answer machine will try again later.	
		Talk with [REDACTED] (S) and according to her all cats in room are scheduled for headcap cleaning this coming week.	
10.09.07	8am	Wound edge moist with some purulent discharge.	
10/24/07		SEMI-ANNUAL PE: (S) BAR (G) GOOD BODY CONDITION -- SLIGHTLY THIN AS PER PROTOCOL. TIP OF UPPER (R) CANINE TOOTH BROKEN BUT NO PULP EXPOSURE, PURULENT DISCHARGE FROM AROUND HEAD CAP (FOUL ODOR). (A) WNL (P) INCREASE FREQUENCY OF HEAD CAP CLEANING. DVM	
11-27-07	715	HEADCAP MARGINS RAW/SCABBED IN AREAS - LAB CLEANING DAILY OTHERWISE APPEARS NORMAL. BAR	

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# BROC #21 SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
12-24-07	9:20	Appears normal BAC [REDACTED] DVM
12-24-07	9am	Appears normal with some [REDACTED] blood discharge.
2/12/08	815	NAILS TRIMMED. ACTIVE, BAC APPEARS NORMAL.
3/24/08	1015	SCABBED EDGES OF HEADCAP WITH SOME PURULENT DISCHARGE PRESENT. ACTIVE, BAC [REDACTED]
3/25/08	10:30 A	Headcap edges dried & scabbed, minimal discharge. BAC + active weight stable. P: mild discharge, but OK P: monitor for persistence. DVM.
4/28/08	14:30	Nails trimmed. Some purulent discharge from headcap. Otherwise normal. BAR.
6/19/08	8:10	Nails trimmed. Small amount of foamy vomit in cage. Animal appears to be eating/drinking well. BAR.
7-1-08	9:30	Annual PE. BCS 2/5 (thin) T=101.4 HR-160 RL-chlorpromazine mill dash. Abd. palpate soft non-tender skin/headcap without -any thorax w/discharge. Rabies RH SQ
		Feline TARC C [REDACTED] over
7-2-08	8:30	Urine in pen, Alert, urinating
	11:00	Lab staff called says cat seems "off" seems touchy difficult to work/est. Returned to cage.
	11:10	Resting in cage, got up to eat, moving around ok but in back of cage. T=104.1 RR - 156 rpm.
		Dx - vaccine rxn, over.
	11:30	Dose - 0.1 ml (80ug/ml) diphenhydramine 100mg - diazepam 0.5 mg/kg SQ (2mg/kg) - 100 ml SQ NaCl.
		IV fluids given. Monitor q 1-2 hr.
	1:30	Grunting after rest quiet
	3:30	Alert Reactive to all frst. Sitting in back of cage but

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	PROC	SPECIES: <i>F</i>	SEX: F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)	
7-2-08 (cont.)		comes up readily for food. No urinate, stool, or vomit T = 102.9 Plan - Recheck temp am.	
7-3-08	8:30	BTR this am. Ford motivated again. T > 101.2. RTW OK to run in lab. [REDACTED]	[REDACTED]
7-23-08	8:50AM	QAR T = 102.0° F RR = 40 bpm PR = 170 bpm S1t duplicated upon finger test. R+ eye S1t squint. 3rd eye lid S1t protruding both eyes. No feces in box, urine present. upon return to cage, refused food, hid in corner. On 7/22/08 lab reported not eating + lethargic [REDACTED]	
7-23-08	15:30	~5ml blood drawn, per [REDACTED]. Animal has not been eating and has been lethargic, as reported by lab [REDACTED]	
7-24-08	8:25AM	QAR, small amount of feces + normal amt urine in box, did not eat morning dry/canned mix offered 7/23 pm. Does not come to front of cage, hidden in empty litter pan. offered 1/2 can a/d wet food - very interested, started eating immediately. Purulent discharge from head cap margin. Perform Culture + Sensitivity. (P) Start Clavamox pending results of Culture + Sensitivity 62.5 mg po b.i.d (1ml) [REDACTED] SVM Blood work WNL (in back of book)	
7-25-08	8:15	62.5mg Clavamox given PO in small amount of a/d canned food. No feces in cage. Dry cat chow appears untouched from 7-24. Animal is OTC.	
	2:40pm	Clavamox (62.5mg) 1.0ml given PO. no feces in cage. Dry food appears untouched. QAR. [REDACTED]	
7/26/08	8:45A	gave 1.0ml Clavamox PO, active few feces in cage [REDACTED]	
	7:00P	gave 1.0ml Clavamox PO - no change [REDACTED]	

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Broc

SPECIES: feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
7/27/08	9:00A	gave 1 mL Clavamox PO. no feces in cage ate moist food, dry food appears untouched - less active today [REDACTED]
	7:30P	gave 1 mL clavamox PO no feces. wet food mostly eaten dry food untouched - some urine [REDACTED]
7-28-08	8:15	(62.5mg Clavamox (1.0ml) given PO. Wet canned food partially eaten, dry chow still in dish. QAR.
	2:45	
	9:30	soft stool in pan. Not as interactive as usual. 4/20/08 lungs clear. Abd. palpable with lab cleaning implant edges. Culture results: <i>Bacillus S. aureus & Coxi</i> sensitivity pending.
		Plan - continue oral Clavamox. Stop if vomits. - consider changing spectrum if still Abx pending
	3:30pm	4 culture sensitivity [REDACTED]
	3:30pm	Clavamox (62.5mg) 1.0ml given PO. QAR
7-29-08	8:15	1.0ml Clavamox given PO. Soft feces present in litter pan. Animal slightly more active.
	3:30pm	Clavamox (62.5mg) 1.0ml given PO. QAR; Recovery agitated without x; [REDACTED]
7/30/08	8:30am	Clavamox (62.5mg) 1.0ml given PO. BAR, hiding in corner when approached, increasingly agitated w/o x, normal urine and no feces in box [REDACTED]
	16:20	62.5mg (1.0ml) Clavamox given PO. QAR
7/31/08	8:15am	Clavamox (62.5mg) 1.0ml given PO. QAR, hiding incorrect; ART report no urine/no feces overnight - none in box; seems painful - ears back, hunched in corner [REDACTED]
	1550	62.5mg CLAVAMOX GIVEN PO. NO URINE/FECES PRESENT. QAR

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	B20C #21	SPECIES: FELINE	SEX: F
Date.	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)	
8-1-8	7:45am	Final culture results entered in record. Wilkasson Pseudobacillus. Clinically: S/O Depressed, & appetite, gascon bowel distention. 2.6 kg A - possibly secondary to oral Clavamox. P - Stop oral Ab's over weekend. Monitor appetite, stool, attitude, any vomiting. Note: Margins of headcap-interfice have decreased discharge, clearer. 2445pm S/O Continues to be depressed, anorexic. T=102.7 d weight [REDACTED] [REDACTED] A - Dilection/inflammation, 2° to orally abn. Ab's \Rightarrow O.I. upset.. P - Administered 100 ml SQ warmed 0.9% NaCl Baytril-0.06 ml SQ/IM SID X 5 (100mg/ml) [REDACTED] 1ml Report 20 fluids Int/Sur if no improvement. Consider syringe feeding if no increasing appetit. [REDACTED] [REDACTED]	
8-2-08	9:05A	Depressed, wet food untouched in cage, 1 feces pile in litter box, unsure of any urine, no obvious urine spots in cage. Administered 1/100ml SQ 0.9% NaCl, 0.06 ml IM Baytril (100mg/ml).	
8-3-08	8:35A	Feces and urine present in litter box. More active today, very aggressive. Witnessed eating dry cat food placed on cage floor. Unsure of type of diet, not regular dry cat food given. Administered 100ml SQ 0.9% NaCl, 0.06ml Baytril SQ.	
8-3-08	10:50	Gave her The Science Diet for sensitive stomach, and canned food, and regular dry food SQ she would have a choice of both & taste. [REDACTED]	
8-4-8	8 am	More alert, her depressed. Gave 1/4 food bowls to eat. Some. 8.68kg Urine but no stool. DR infections? open. Plan No fluids this am. Give Baytril 0.06ml SQ/m. Continue SQ Baytril. Assess 2x/day.	[REDACTED] [REDACTED]
	8:45am	Gave Baytril (100mg/ml) 0.06ml SQ; QAR [REDACTED]	[REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Broc #21

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8-4-8	(cont) 3pm.	iffleth, quiet, reclusive. T=102.3. Complication w/ [REDACTED] (Lab staff) subjectively appears better today. Open diagnosis remains. If no improvement in 24 hours, attitude reclusive CBC, hys, chm panel. Dx: Other possible diagnostic tests, including blood cultures, CFT, pending response & repeat lab work. [REDACTED] Done. Plan: reweigh am, return. Baytril
8/5/08	8:50am	QAR, Gave 0.06ml Baytril (100mg/ml) SQ; would eat sensitive stomach diet only when given individually while up on bed - ate approx 1/4 cup by this method; lethargic / depressed, slightly dehydrated. [REDACTED] 3:30 pm. T=102.2. as above. Ketoprofen 0.03 ml SQ [REDACTED] SQ 150 mg 0.9% NaCl [REDACTED] Drew CBC, hys, serum chem & Tg. 5cc. [REDACTED] Plan: assess 2x daily, SID Baytril x 2 days more, amouse SID Ketoprofen 0.03 ml SID pending lab results. Returned to cage 2:35 [REDACTED] Done.
8/6/08	9:15	0.06ml Baytril given SQ and 0.03ml Ketoprofen given SQ Normal feces; moderate amount of urine. Animal is QAR [REDACTED]
	15:30	Discussion w/ [REDACTED] (Lab staff) "Broc" is subjectively a little more alert this morning. Eating better, hair coat looks better.
		Plan + Baytril / Ketoprofen SQ. Assess SID - fluids as necessary. [REDACTED] Done
8/16/08	16:00	Canned food and dry food in cage. No feces or urine since litter pan change this afternoon. Slightly active. QAR. [REDACTED]
8/17/08	8:45am	Small amount of dry food eaten, canned untouched. 0.06ml Baytril given SQ, 0.03ml Ketoprofen SQ. QAR. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Broc #21

SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8/7/08	16:00	Attitude seems better. Observed animal eating dry food. BAR.
8/8/8		Final blood results entered into record. WNL - T ₄ ↓ - (inflammatory)
8:40AM		Gave 0.06ml Baytril and 0.03ml Ketoprofen, SQ. BAR, Temp 101.4°F normal feces t/w in box; Showing favorable behavior signs - came to front of cage for food Kibble. More alert - came to front of cage to eat dry food. Plain Baytril, Kibbles through 8-8-8
		Pneumobiotic fluid today 150 ml 80 0.2g NaCl Dm
3:45pm		Gave 150ml NaCl 0.9% SQ; QAR.
8/9/08	9:00	0.06ml Baytril given SQ and 0.03ml Ketoprofen given SQ No feces but normal urine in pan. Appears to have eaten some dry chow - QAR.
	16:00	Observed animal eating dry chow. More active. BAR.
8/10/08	9:45	0.06ml Baytril and 0.03ml Ketoprofen given SQ. Feces and urine in pan. BAR.
	17:00	Good attitude, came up to front of the cage. Appear to have eaten some of dry chow. Active and BAR.
8/11/08	8:30	Small amount of feces in pan. Dry chow left in bowl. QAR.
8-12-8	8:30	Alert, sensitive. Feces/urine in pan. Dry chow in pan. T=101.1 Fanning. Decreased discharge head cap. Dm
2.76kg.		Monitor 2x/week.
8-14-08	8:00 A	S10: QAR, fanning, incontinence. Evidence of urine in pan t/t ate most of food. Some dried discharge around head cap.
		A: Same. P: monitor 2x/wk. Dm

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TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Boc #21SPECIES: felini

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8-18-08		Active. Can't find food. No food in pan. Normal feces. Chased food back (WV). RTW. [REDACTED] DR
8-25-08	9:00	Trimmed nails and weight obtained. BAR.
10-17-08	2:15pm	Culture Swab taken from yellow/grey opaque discharge from head cap, results pending [REDACTED] [REDACTED] Prelim results. Staph (non-hem) Corynebacter [REDACTED] DR Plan: Rec. daily cleaning + w/ fresh NaCl. Typical Ab's + Disc-oral Ab's w/ lab staff - [REDACTED]
10-22-08		Lab report is changing hair M/F. Based on culture results (A. pyogenes, Staph) rec add v daily topical erythromycin ointment after cleaning. [REDACTED] DR
10/25/08	8:30 A	applied erythromycin topically around head cap with cotton swab, slight discharge around cap, BAR Active [REDACTED]
10/26/08	8:25	applied erythromycin topically around head cap with cotton swab, yellow discharge around cap BAR Active [REDACTED]
10/27/08	9:30am	BAR, Active, mod amt dried discharge & crusting around head cap. Applied erythromycin ointment topically around head cap edge [REDACTED]
	850	NAILS TRIMMED. [REDACTED]
10-28-08		Update. will fly 21 & 27 and inj Ronivetin 1m/50 Plan] 20 mg/kg, SID 3-21 d. Plans to reassess do progress lets staff to continue cleaning M-F & apply Ab's to skin edge. Let tech can apply ointment SID Sat/Sun. Called hair staff. Cleaning/modality is being done but not recorded in this record. [REDACTED] DR
		Culture results entered. [REDACTED]
10/29/08	15:05	Gave 0.07ml Pen G (^{300,000 U/ml}) SQ, [REDACTED] \rightarrow total 18 ml 0.18 - 0.07 ml Pen G - <u>12 ml</u> 0.11 - ml ab. [REDACTED] DR Dose mls calculation - Total dose is 0.18 ml. Applied ^{ERYTHROMYCIN} to mouth hole. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Brdr #21

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
10/30/08	8:25	Gave 0.18ml Pen-G (300,000iu/ml) SQ, Active, BAR, normal stool in box, moderate amount of yellow, crusty around headcap [REDACTED]
	6:50pm	0.18 ml Pen G (300,000 iu/ml) SQ erythromycin to wound edge [REDACTED]
10/31/08	9:00	Gave 0.18ml Pen G (300,000 iu/ml) SQ, BAR, Active [REDACTED]
	3:00	erythromycin to wound edge [REDACTED]
	3:35	0.18 ml SQ Pen (one 20g. needle) [REDACTED] [REDACTED]
11-01-08	7:50	0.18 mL PEN G (300,000iu/ml) GIVEN SQ, ERYTHROMYCIIN APPLIED TO EDGES OF HEAD CAP. ACTIVE, BAR.
	10:05	0.18mL PENG (300,000iu/ml) GIVEN SQ. [REDACTED]
11-02-08	8:10	0.18mL PENG (300,000iu/ml) GIVEN SQ, ERYTHROMYCIIN APPLIED TO EDGES OF HEAD CAP. APPEARS NORMAL. ACTIVE, BAR
	17:15	0.18mL PENG (300,000iu/ml) GIVEN SQ. [REDACTED]
11-3-08	8:55am	BAR, ACTIVE, normal white stool in box. Pen-G (300,000iu/ml) 0.18ml given SQ. [REDACTED]
11/3/08	16:00	Gave 0.18ml Pen G (300,000iu/ml) SQ. [REDACTED]
11/4/08	8:30Am	BAR, Active, normal stool in box; Gave 0.18ml (500) Pen-G (300,000iu/ml), becoming increasingly agitated with injections. [REDACTED]
10/30 pm		Stop inj. Rennith - has received 5 days. Cat still exhibiting strong adverse reaction. Do not want to compromise behavior compliance. No odor from skin surface. minimal discharge. Constricted lots [REDACTED] will continue daily M-F (logged in lab) and use topical erythromycin as needed. [REDACTED] [REDACTED]
12/3/08	8:45am	Weighed & nails trimmed, animal appears normal [REDACTED]
12/19/08	8:20	Animal has small amount of yellow vomit with hair in cage. Eating and drinking well. Active and BAR. [REDACTED]
12/30/08	8:15	Small amount watery vomit w/ hair. Eating normally. BAR. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Brac #2

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
11/6/09	B:BD	Small amount of watery vomit with clump of hair material. Eating and drinking normally. Active. BAR.
21/10/09	9:45	Obtained weight and trimmed nails.
2-12-09	11:05	Semi-annual PT T=100.7 RR-purrs. HK=160 BCS 2/5 ④ granulation tissue & discharge at wound edge. Lab needs to clean [REDACTED] DM Sign of L+ broken.
01/11/09	0904A	Small amt. reddish, serous discharge from ventral aspect of headcap; otherwise BAR, Active.
01/12/09	0954	Very small amt. fresh d/c surrounding headcap; BAR, Active
4/13/09	9:00	Mild purulent discharge at margins of headcap. Excess serous discharge normal for this animal. As per [REDACTED] RTN.① Contacted [REDACTED] via email, head cap margins to be cleaned today. As per [REDACTED], no treatment needed, RTN.
4/15/09	9:45 AM	Weighed & Nails trimmed [REDACTED]
4-20-09	9 am.	Cat is BAR, normal feces, urini. BCS 2/5 as per protocol. Erythematous, proliferative tissue around circumferentially around head cap/skin interface with serous to mucopurulent discharge. Lab staff has been applying Erythromycin ointment to skin edges 5% w/w.
		Plan: fecal culture - contain typical environment pending culture results.
5-7-09	9 am.	Culture results entered [REDACTED] DM
	3pm.	Discussion with lab regarding culture results, and significance and treatment options.
		This is a culture from a worn edge of chronic instrumentation of >8 years duration. Discharge and positive aerobic culture are

① Wrote in wrong record. AS 4/13/09

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Exhibit F

UW-Madison Animal Health Record for Daisy, a.k.a. "Cat 31"

ANIMAL HEALTH RECO.

Lab. for Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

UW ID# <u>5-4</u>	Cat <u>3</u>	USDA# <u>02TCC3</u>	DATE REC'D. <u>02TCC3</u>	<u>11/6/2002</u>
SPECIES: <u>Cat</u>	STRAIN: <u>dsh</u>	VENDOR: <u>Class A dealer</u>		
BIRTHDATE: <u>4/29/02</u>	SEX: <u>Male</u>	DESCRIPTION: <u>Tabby</u>		

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
<u>11/6/2002</u>			<u>446-05</u>		

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
<u>11/6/02</u>	<u>8.70kg</u>	<u>3/21/03</u>	<u>12.8kg</u>	<u>7/16/03</u>	<u>14.5kg</u>	<u>11/20/03</u>	<u>13.3kg</u>
<u>11/6/03</u>	<u>13.3kg</u>	<u>6/2/04</u>	<u>17.2kg</u>	<u>8/1/04</u>	<u>14.7kg</u>	<u>3/17/05</u>	<u>13.4kg</u>
<u>3/2/04</u>	<u>12.5kg</u>	<u>4/29/04</u>	<u>12.7kg</u>	<u>8/24/04</u>	<u>14.6kg</u>	<u>9/25/04</u>	<u>13.4kg</u>
<u>4/29/04</u>	<u>12.1kg</u>	<u>7/21/04</u>	<u>13.1kg</u>	<u>9/21/04</u>	<u>12.2kg</u>	<u>10/27/04</u>	<u>13.2kg</u>
<u>6/2/04</u>	<u>14.0kg</u>	<u>11/15/04</u>	<u>15.8kg</u>	<u>12/10/04</u>	<u>12.7kg</u>	<u>1/5/05</u>	<u>14.2kg</u>
<u>6/2/04</u>	<u>14.0kg</u>	<u>11/15/04</u>	<u>15.8kg</u>	<u>12/10/04</u>	<u>12.7kg</u>	<u>1/5/05</u>	<u>14.2kg</u>

Diagnostics Record

Date	Test	Result	Date	Test	Result
<u>11/6/02</u>					
<u>3/2/04</u>					
<u>6/2/04</u>					
<u>4/29/04</u>					
<u>6/2/04</u>					

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
1			
2			
3			
4			

Final Disposition: _____ Date: _____

R0001

Exhibit G

UW-Madison Procedure Log for Daisy
August 29, 2007

Date 8-29-07 ID# 31

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/Comments/ Additional Drugs	Initial
9:00	3% - 100%							
9:05			15/min				T.T. incised -	
9:05	2%					Hodges/min	lactated ringer	
9:20	1%	121	19	98.6	99		shoved head	
9:30	1%	118	11	98.2	99		Edcups phenyl ephedrine cache	
9:40	2%	191	26	97.5	98		moving arm	
9:42	3%	193	28	97.5	99		draped for surgery	
9:42	2.5%							
9:46	2%	117	30	97.1	99		dissecting (L) eye	
9:52	2%	105	16	96.9	99		begin placing Doye suture	
10:00	2%	106	14	96.9	99			
10:07	1.75%	105	12	96.8	99			
10:22	1.5%	105	8	96.9	99		3 loop 26mm civil suture leg contex piece	
10:35	1.25%	94	8	96.9	99		1 at 12:00 1 at 10:00 1 at 8:00	
10:40	1.5%	114	17	96.9	99			
10:42	2.5%	143	21	97.1	99			
10:44	3%	172	30	97.1	99			
10:44	3%	138	30	96.9	99		triple antibiotic ointment + Neoband in L eye. long Cefazolin 1m	
10:47	2%	130	24	97.1	99		dissecting (R) eye	
10:50	1.5%	114	18	97.1	99		anest Rose carl	
11:05	1.5%	102	8	97.3	99		19mm 3 loops	
11:20	1.5%	196	25	97.7	99		1 suture at 11:00 (pedicle 9:00)	
11:22	1.75%						1 suture 2:00	
11:25	1.75	227	28	97	99			
11:26	2.00%							

R0009

20100921 - 00007

Date 8-29-07 ID#

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/Comments/ Additional Drugs	Initial
11:35	2%						neuter	
11:40	1.75	180	16	98.4	99		desect L ear for coil	
11:45	1.5	150	20	98	99		W mm m6 - loop ment - ear coil	
11:50	1.25	141	8	98.2	99		baged cat	
12:00	3						suction mucous	
12:08	2	146	29	98	98		2 sutures, (2) ear	
12:09	2	139	20	89	98.4		insert R eye coil 3 sutures (2) ear	
						0.8mg	12.5ml atropine	
12:30	2	156	13	99.3	94			
1:00	2	160	7	99.3	94		28.5° fun part	
1:15	2	190	24	99.1	93		angle is 24°	
1:35	2	148	26	99.1	92		started flaccid, severe	
1:50	2	139	20	97.7	90			
2:05	2	143	9	97.8	90		started convulsions	
2:20	2	143	9	98.6	91			
2:35	2	144	13	98.7	91		started shaking	
2:50	1.75	159	12	98.6	91			
3:05	1.75	155	9	98.2	90		47.8 L eye - 2	
3:20	1.5	189	9	98.1	91		55.10 L ear - 2	
3:35	1.5	182	14	98.4	93		53.8 R ear - 2	
3:50	2	147	18	98.7	94		43.6 R eye - 2	
4:05	2	147	14	98.7	92		cervical, connect	
4:20	2	137	16	98.7	91			
4:35	2	139	16	98.9	90			
4:50	1.75	163	20	98.2	93		100mg ee phenylephrin 9mg Ketophen	

R0010

20100921 - 00007!

Exhibit H

UW-Madison Treatment and Progress Record for Daisy

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 02TCCS "DAISY" SPECIES: Cat SEX: female

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
3/21/06		nail trim [REDACTED]
6/7/06		nail trim [REDACTED]
6/16/06		POSSIBLE REGURGITATION / VOMITING. POTENTIAL HAIR BALLS.
		PLAN: LAXATONE [REDACTED] DVM
		FECAL EXAM: NEG. FOR PARASITES
10/4/06	11AM	Rabies and FVRCP booster RT SQ [REDACTED] DCL 12 W/F 4474-050
10/11/06		PHYSICAL EXAM: WNL [REDACTED]
12/11/06		Nail trim [REDACTED]
4-18-07		PHYSICAL EXAM: (S) BAR (O) WNL (A) GOOD CONDITION (P) NORMAL MONITORING
4-18-07		NAILS TRIMMED. [REDACTED]
5-09-07	900	APPEARS NORMAL. BATH.
6-12-07	800	APPEARS NORMAL. BATH.
7-16-07	810	APPEARS NORMAL. BATH.
8-13-07	820	APPEARS NORMAL. BATH
8-29-07	805	(S) Pre surgical PE - animal is BHR, slightly overconditioned. Oral exam normal. Lymph nodes normal. auscultation normal. Some feces within the intestines in palpation. WT = 4.106 kg. T = 100.1 P = 150 R = 60. A) PE WNL. (P) proceed with scheduled procedure [REDACTED]
8-30-07	800	S/O: Post Surgery observation. QAR, locomoting in cage, evidence of urination + defecation + has eaten some food. 3rd eyelid visible in both eyes; mild ocular discharge bilaterally, worse in the left. - 2cm ^{long} in the front of the headcap where the skin is separated from the headcap. T: 102.4. A: attitude good. Some ocular discharge may be secondary to eye ointment; eye irritation + placement of eye ointments. P: continue to monitor, continue with ceftazidime or cephalexin + ketoprofen. [REDACTED]

page 3

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 02 TCC 3

Daisy

SPECIES: Cat

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8-30-07	8:30am	9mg Ketoprofen SQ 150mg cephalexin in soft food. Cat ate some food. If she doesn't eat the meds, will give cefotaxime in 1 hr. [REDACTED]
	10:00	Cat would not take antibiotics orally. 100mg cephalaxin SQ. [REDACTED]
8-30-07	1540	8/10 QNR, purring, no ocular discharge when 1st observed but some serous discharge bilaterally while observed. Interestend in food when offered. Suture at cranial aspect appears to be removed resulting in ~3mm x 3mm gap. Rest of head cap appears ok. Ears healing. Mild periorbital swelling of the left eye + left eye remains slightly open. 3rd eyelid still slightly exposed but less than this morning. Left eye appears to be staying moist. (A) healing, suspect mild swelling around eye 2 ^o to procedure, does not appear painful at this time. (P) continue ketoprofen + cephalexin or ceftazidime treatment + post op monitoring. [REDACTED]
	5:00	Cat has eaten her po cephalexin, 100 mg. She is also eating head food.
8-31-07	720	BAB, purring; some watery ocular discharge noted. All wet food eaten. opening at front of head cap seems scabbing over. T = 102.7°. [REDACTED] TRIMMED NAILS
8-31-07	830	8/10: QNR, evidence has eaten some dry food overnight. Mild swelling around both eyes, slightly more near the upper 1/2. Moderate serous ocular discharge. (D) third eyelid still partially visible (D) eye down + close completely. Ear coils healing well. (C) remains at front aspect of head cap. (A) healing; mild inflammation, periorbital swelling, discharge Should resolve as surgical site heals. (P) Extend Ketoprofen 9mg thrice 7/1, recheck temp & 7/1, continue antibiotics.

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 02 TCC 3	DAISY	SPECIES: CAT	SEX: F
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Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)	
8-31		100 mg Cephalexin (3ml) in moist food 9 mg Ketaphen (.09ml) SQ SL	
PM		150mg Cephalexin in moist food	
09.01.07	7:15am	9mg Ketaphen SQ [REDACTED]	
		150mg Cephalexin PO [REDACTED]	
	1120AM	No record of Temp this AM 100.9°F [REDACTED] AM	
		(P) Per above, please record temp w/o b/c overcast	
		(S/F) BAR, Erythema, red edge w/SL MILD HANS	
		Easily handled (R) WNL P.O. [REDACTED] Ora	
	3:05PM	150mg Cephalexin PO, was unable to check T° this morning but T° at PM was 98.8°F [REDACTED] (wt. tbd)	
09.02.07	7:45	150mg Cephalexin PD T - 101.7°F Cat is BAR.	
	3:00pm	150mg Cephalexin PD BAR, eating well, clean w/ocular edge, mild swelling around both eyes, mild serous ocular discharge present during observation	
09.03.07	7:50am	150mg Cephalexin PO T - 103.2°F Veterinarian was updated [REDACTED]	
	3:40pm	150mg Cephalexin PO BAR.	
9-04-07	750am	150mg CEPHALEXIN PO T - 101.8°F SOFT FECES PRESENT IN PAN. BAR. MILD CLEAR OCULAR DISCHARGE, THIRD EYE LID STILL PARTIALLY VISIBLE. SOME MILD SWELLING AROUND BOTH EYES.	
	3:05PM	150 mg Cephalexin PO [REDACTED]	
9-5-07	815AM	150 mg CEPHALEXIN PO, T - 100.8°F. BAR. CLEAR OCULAR DISCHARGE 3 RD EYELID STILL PARTIALLY VISIBLE. MILD SWELLING AROUND BOTH EYES.	
	245PM	150 MG CEPHALEXIN PO [REDACTED]	
9-6-07	8AM	150 MG CEPHALEXIN PO, SWELLING SUBSIDED AROUND EYES. 3 RD EYELID STILL VISIBLE. CLEAR OCULAR DISCHARGE	
9-7-07	1310	APPEARS NORMAL. BATH.	
9-10-07		Bar of Eye coil was removed by lab on 10/3. Daisy is BAR, clear ocular discharge (R eye +OD).	

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 02 TCC 3 - Daisy SPECIES: Cat SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
10-05-07	8:10 am	BAR, no changes in condition.
10-09-07	8 am	BAR as per DVM RTN.
11/23/07	1031A	Came SCAP notes increased discharge OS - BAR, active, good flesh ON - VSP OS - no lymphadenopathy conjunctiva clear eyes (light gray/green mucosal discharge - (?) F.B. burst? TAO T.A.O.O 5/6/07 OS 3 days [REDACTED] am
1042		TRIPLE ANTIBIOTIC OINTMENT APPLIED TO LEFT EYE.
11/24/07	8:30 am	Triple antibiotic ointment applied to left eye. Moderate amount of yellow discharge, eating, active.
	10:20	small amount of CLEAR DISCHARGE. APPLIED TAO TO LEFT EYE
11/25/07	8:30 am	Less discharge than yesterday am Applied TAO to left eye.
	2:45	Applied TAO to left eye PZ
11/26/07	8:15	NO DISCHARGE FROM EITHER EYE - BOTH APPEAR NORMAL. BAR
11/27/07	7:16	APPEARS NORMAL. BAR ✓ DVM
12-24-07	9:20	APPEARS NORMAL. BAR
1-1-08	6:40	CARESTAFF REPORTED DISCHARGE OS - SMALL AMOUNT OF CLEAR DISCHARGE OS. NO IRRITATION OR REDNESS SEEN IN EYE. BAR
01-02-08	2 pm	OS appears normal.
1-14-08		WNL - DVM
2/12/08	8:15	NAILS trimmed, appears normal. BAR.
2/22/08		ACTUALLY ON STUDY, SO WEIGHT LOSS FROM SEPT TO FEB: OR AS LONG AS WEIGHT STAYS ABOVE 3.0 KG DVM
3/24/08	1015	APPEARS NORMAL. ACTIVE, BAR ✓ DVM
4/20/08	1430	NAILS TRIMMED, APPEARS NORMAL. BAR

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 02T.CC3 DAISY SPECIES: CAT SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
4-4-08	8:00 am	(5) BAR (6) MILD/MODERATE DISCHARGE FROM (1) EYE. (A) POSSIBLY MILD INFECTION IN (1) EYE. (P) OPHTHALMIC ANTIBIOTIC OINTMENT IN (1) EYE BID X 3 DAYS. [REDACTED] am [REDACTED] DVM
4/4/08	15:30	TAO applied to left eye.
4/5/08	7:30am	TAO applied to left eye. Minimal discharge, no redness.
	3:35p	TAO applied to left eye.
4/6/08	9:45am	TAO applied to left eye.
4/6/08	10:40	TAO applied to left eye! BAR. No apparent discharge from (1) eye.
4/7/08	8:10am	TAO applied to left eye, no discharge BAR! CONTINUE B.I.D TREATMENT TODAY, THEN DISCONTINUE. DVM
4/7/08	15:15	TAO applied to left eye. BAR.
4/18/08	11:20	Nails trimmed Animal appears normal. BAR.
8/25/08	8:55am	Weighed & nails trimmed [REDACTED]
9-18-08	15:30	Left eye flushed with eye irrigation solution and discharge from medial canthus removed. Animal is active and BAR Cytology Results pending of OS discharge [REDACTED]
9-19-08	12:40pm	OS Cytology: Large smart Segmented neutrophils, RARE cocci in pairs and rare rods. Indicating inflammatory response, per MH no treatment at this time - monitor for future signs [REDACTED]
10/27/08	850	NAILS TRIMMED. APPEARS NORMAL, ACTIVE, BAR
12/31/08	9:00	Obtained weight and nails trimmed. Animal appears normal, Active, BAR
2/10/09	945am	Nails trimmed & weighed. BAR Active, Appears healthy, normal urine, feces in box. [REDACTED]

Exhibit I

UW-Madison Procedure Log for Daisy

October 3, 2007

IACUC Protocol # [REDACTED] PI [REDACTED]

Animal Identification (name or #) [REDACTED] Date 103-07
Procedures [REDACTED] ⑩ punch coilID#/ Species CAT 3
Body weight 4.10kg
Age 5 Sex ♂

Health status/preoperative physical exam:

Fasting period 24 hrs (hours)

Induction and Summary of Drugs/Fluids:

Time	Drug/Fluid	Purpose	Dosage	Site	Comments
2:25	acepromazine	muscle sp.	.5mg	IM	
2:25	Ketamine	anesthesia	100mg	IM	

MaintenanceGas Anesthesia yes → Isoflurane Start Time: _____ noRespiration spontaneous Endotracheal tube size: _____
 controlled ventilation**Vital Signs Monitoring:** (Interval is every _____ min during surgery, _____ min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other	Reflexes	Surgical Event	Initial Comments	Additional Comments
2:35	100	28	10.5					removal L		
2:55	130	20	101					cat ear	temp optional	
3:10	135	26	99.7					cat turned	overhead applied	

Summary:Surgery start time: 2:35 Surgery end time: 2:55
Surgeon: [REDACTED]

R0007

20100921 - 00007

Date 10-3-07 ID# Cat 3)

R0008

20100921 - 00007:

Exhibit J

UW-Madison Animal Health Record for Slinky, a.k.a. "Cat 26"

ANIMAL HEALTH RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

UW ID# <i>26</i>	USDA# 02JG4	DATE REC'D: 12/19/2002
SPECIES: Cat	STRAIN: dsh	VENDOR: Class A dealer
BIRTHDATE: 5/14/02	SEX: F	DESCRIPTION: tabby

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
12/19/02					
3/25/03					

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
7/19/02	5.825	7/21/02	3.641kg	7-16-02	2.541kg	11/16/02	2.531kg
5/23/03	7.154kg	6-1-03	3.641kg	6-13-03	2.514kg	7/25/03	2.831kg
7/17/02	5.845	9-28-02	2.761kg	9-28-02	2.361kg	10-2-02	2.361kg
11-11-02	(2.761kg)	12/24/02	2.70kg	02-18-03	3.31kg	12-3-03	2.851kg
7/13/02	3.625	7-18-02	2.41kg	7/24/02	3.12kg	7-12-02	2.41kg
6/29/02	5.745	7/10/02	2.51kg	4/28/03	3.71kg	7-15-02	2.51kg

Diagnostics Record

Date	Test	Result	Date	Test	Result
12/19/02	Feline FeLV				
12/19/02	Feline FIV				
12/19/02	Feline Lymphoma				
12/19/02	Rabies				
3/25/03	fecal samples				

Problem List

Date Entered	Description of Problem	Date Resolved
	Incoming feline vaccination record	
	Rabies administered date 12/12/02 1 year	
	Feline distemper combo vacc. 11/15/02	
	Vaccinations administered at Vendor Facility	
	Official vaccination record filed at CSC	

Final Disposition:

Date:

R0513

Exhibit K

UW-Madison Procedure Log for Slinky
May 29, 2008

IACUC Protocol # _____ PI _____
 Animal Identification (name or #) Cat 26 Date 5-29-08
 Procedures (B) egg, ear and head boil

ID#/ Species "SLINKY" #26 , FELINE

Body weight 3.5Kg

Age _____ Sex F

Health status/preoperative physical exam:

TEMP 101.4°F PULSE 196 bpm ACTIVE, BAR OK FOR SURGERY

Fasting period 7/2 hrs (hours)

Induction and Summary of Drugs/Fluids:

Time	Drug/Fluid	Purpose	Dosage/mg/vol	Route	Comments	Initials
12:45	Ketamine		52.5 mg .525 ml	IM		
12:45	acept		.7mc 0.07ml	IM		
12:45	atropine		.14mg .014ml	IM		
					2 drops lidocaine + epi	

Maintenance

Gas Anesthesia yes → Isoflurane

Start Time: 12:45

no

Respiration spontaneous

Endotracheal tube size: 4.0

controlled ventilation

Vital Signs Monitoring: (Interval is every _____ min during surgery, _____ min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1)the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift it's head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events	Initial Comments/Additional	Initial Dose
12:50	2%			100.8	10		intubated		
12:55						scrubbed I.V. site	probes inserted		
1:00	20 ml / hour					inserted	I.V.		

Summary:

Surgery start time: 12:30 Surgery end time: 8:00 pm
 Surgeon: [REDACTED]

R0021

20100921 - 00009:

Date 5-29-08 ID#

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/Comments/ Additional Drugs	Initial
1:00	1.5%		8				Surges allow	
1:00	1%	130						
1:05	1.5%			96			Started to clean off old cement & cornea	
1:20	1.25	128		99.9	97	RN 12		
1:20	1.0%						1cc cepha vein 2 drops preservative	and
1:35	.75	130	6	99.5	96	sharp cut	Scrubbed head to 12 o'clock	
1:50	1%	126	5	99.1	99		Vetadent -	
2:15	1	123	5	98.2	95		Set up for eye	
2:30	1	133	11	97.3	97		① eye began disce	
2:45	1	143	6	97.3	98	size 19	② incises ③ eye and	
3:00	1	153	6	97.3	97	sew	511K #7 to secure at 2 o'clock.	
3:15	1	153	13	97.5	98	5 cut	one at 10 o'clock	
3:30	1.1	153	8	97.7	98	3 cut	Three o'clock. Triple ophthalmic suture	
3:35	1.25	149	5	97.7	98		dissecting ④ eye	
3:50	1.25	152	10	98.1	97	3 long	lock suture	
4:05	1.25	151	11	98.1	97	8 size 18	3 o'clock	
4:20	1.25	152	9	98.6	97	L ear cut	10mm 6 loops	
4:25	1.5	159	15	98.4	98	greater ear cut	3 sutures	
4:40	1.5	148	13	98.8	97	incisor	3 sutures	
4:55	1.5	149	5	99.1	98		1 suture each	
5:10	1.25	160	9	99.1	99		② eye coil removed	
5:15	1.75	145	6	99.3	97		& removed.	
5:45	1.75	135	7	99.5	98		53, 3, 12 L ear	
6:00	1.75	128	8	99.9	98		1 suture 10 o'clock 1 at 10 o'clock	

R0022

20100921 - 00009:

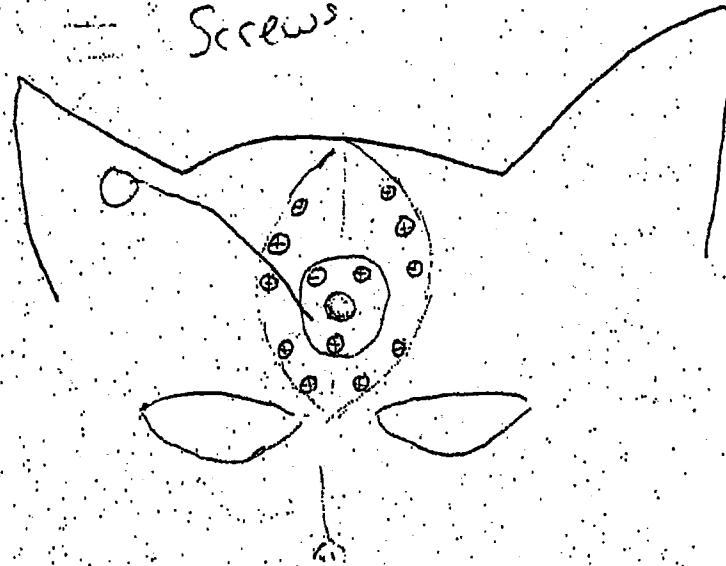
Date 5-29-08 ID# cat26

R0023

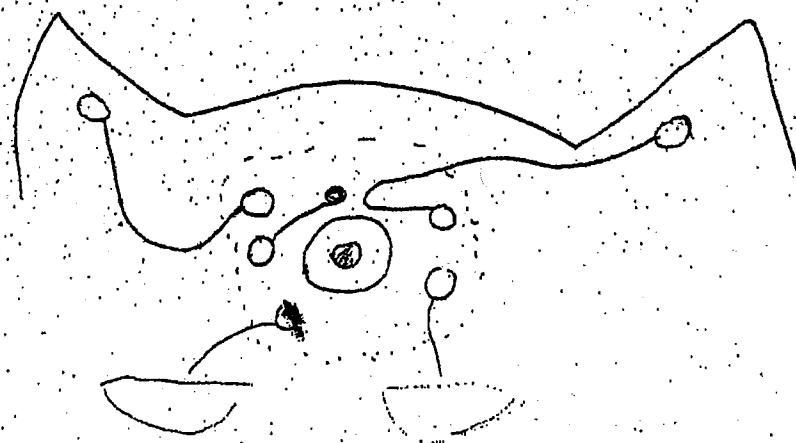
20100921 - 000094

CAT 20

Screws



(Gills)



- * Right ear wire runs slightly anterior and lateral before curving back to the ear.
- * Left ear wire runs medially and ventrally before curving back toward the ear.

R0071

20100921 - 000172

Exhibit L

UW-Madison Treatment and Progress Record for Slinky

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	Cat 26	Slinky	SPECIES:	Cat	SEX:	F
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Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)				
7-19-06	215am	1 ml Clavamox.				
		RETURN TO NORMAL HUSBANDRY				
10/11/06		PHYSICAL EXAM: WNL	HEAD CAP			
		MARGINS OK.				
11/21/06		SOME DISCHARGE, REDNESS & CRUST FORMATION ALONG (L) MARGIN OF CAP. NO SEVERE. CONTINUE REGULAR HEAD CAP CLEANING/MAINTENANCE.				
12/11/06		Nail Trim				
4-18-07		PHYSICAL EXAM: (S)BAR (O) WNL - THIN				
		(A) OVERALL CONDITION GOOD, THOUGH THIN				
		(P) NORMAL MANTLING NAILS TRIMMED.				
4/12/07	800	NAILS TRIMMED. VOMIT IN CAGE CONTAINING FUR - NO ACTION AT THIS TIME. BART.				
7/10/07	810	APPEARS NORMAL. ISARCH.				
8/13/07	820	APPEARS SLIGHTLY THIN, ACTIVE. BART.				
9/28/07	11am	APPEARS NORMAL. BART				
11/27/07	715	APPEARS NORMAL. BART				
12-24-07	9:20	Appears normal. BART ✓ DVM				
1-14-08		WNL - DVM				
2/12/08	8:15	Nails trimmed; appears normal. BART.				
3/24/08	10:15	APPEARS NORMAL. ACTIVE, BART ✓ DVM				
4/28/08	14:30	NAILS TRIMMED. APPEARS NORMAL, BART				
5/29/08		Surgery done, see surgery record				
5/30/08	8:15	Swelling in face, extends from eyes to ears on both sides. Right ear at the outside near base appears slightly more swollen than left ear. Appears to have eaten, normal urine. Animal is active and BART.				

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cat 2-6 Slink SPECIES: cat SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
5-30	10:00	7mg Ketoprofen (.07ml) S. Q 100mg Cephalexin (1ml) S. Q cat looks good. Eating well.
12/1/08		Alert, responsive, eating. incision looks good. Some bleeding present. 122mg (2.5 ml) Cephalexin
5pm		in soft food
5/31/08	B27	122mg CEPHALEXIN GIVEN PO. BOTH EARS SLIGHTLY SWOLLEN, SQUINTING LEFT EYE. NO REDNESS OR DISCHARGE PRESENT. ACTIVE, EATING WELL. NORMAL URINE AND FECES IN CAGE. NO KETOPROFEN ADMINISTERED. BAR.
1720		122mg CEPHALEXIN GIVEN PO.
6/1/08	B21	125mg CEPHALEXIN GIVEN PO. DECREASED SWELLING OF BOTH EARS. SQUINTING LEFT EYE. SMALL AMOUNT OF BLOODY PURULENT DISCHARGE FROM LEFT SIDE OF HEADCAP. EATING/ DRINKING VERY WELL. ACTIVE, BAR
1705		125mg CEPHALEXIN GIVEN PO. DECREASED SQUINTING OF LEFT EYE.
6/2/08	8:45	125mg CEPHALEXIN given po. Left eye more squinted than right eye. Face swollen around eyes and front of headcap. Normal urine and feces. Animal is eating well. Active and BAR.
6-2-08	4:45	125mg cephalexin po
6-2-08	8:50	soft stool. (on cyclosporine) BTK, rubbin. T=100.1 slightly swollen around eyes, visualize corneal surface - zygomatic w/w.
6-3-08	9:30	125 mg cephalexin po
	1:30	125 mg cephalexin po
6-4-08	10:30	125 mg cephalexin po
6-4-08	5:00	125 mg cephalexin po

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# CAT 26 -SLINKY

SPECIES: FELINE

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6/14/08		Nonformed feces in litter pan, normal amount of urine. Swelling persists around eyes and headcap. Animal appears to be eating well. Active and BAR.
6/15/08 8:20		Normal urine, no feces present. Appears to be eating well. Minor swelling persists around eyes and headcap. Animal acts normal, active and BAR.
6/5/08 9:30	125 mg cephalexin po	
5:00	125 mg cephalexin po	
6-6-08 8:00	BAR. Soft stool in pan. eating well.	
#3.66kg	Wght = 3.66kg Oral AAS stopped yesterday. Suspect d. l. upset contribute to soft stool. Monitor over weekend. Return Monday.	Dan
6/7/08 8:15	Nonformed feces present in pan, normal urine. Animal is active, BAR.	
6/8/08 9:05	Nonformed feces present in pan. BAR.	
6/9/08 8:45	SD: Rectal - BAR. Soft feces present, attitude remains good. P: mild soft feces, likely related to recent antibiotic but would expect them to become more normal.	
	P: Continue to monitor for persistence. DVM	
6/11/08 8:30	Normal urine and feces. Animal looks good, active and BAR. Per [redacted] DVM, return to normal husbandry.	
6/18/08 11:20	Nails trimmed. BAR	
7-2-08 8am	Annual PE. BCS 2.5/5 Abd. soft non tender	
	HHR-160 RR-purring. BAR. Mild tachy 1/4	
	Lat. Cxg. swollen OO. T = 99.6 (start) own	
7/25/08 8:50am	Weighed & trimmed nails	
8/22/08 3:20pm	Left eye coil pulled out. Anesthetized by lab and removed eye coil. Animal active, BAR.	

page 13

TREATMENT AND PROGRESS RECORD

39.1 10/22
44
Lori

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

ID# CAT 26

SLINKY

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
9-22-08	3:30 pm	Per [REDACTED], on 9-23 examine left eye for corneal abrasions or ulcers. [REDACTED]
9/23/08	8:20am	BAR, active, Left eye clean & clear - held open & OS stained w/ Fluorescein stain and examined for any abrasions - none seen. [REDACTED] OK -- CONTINUE TRIPLE OPHTHALMIC ANTIBIOTIC OPHTHALMIC OINTMENT BID TODAY & TOMORROW, THEN DISCONTINUE. [REDACTED] DVM
9-23-08	15:30	Applied TAO ophthalmic to Lt eye, no discharge or inflammation. Active and BAR. [REDACTED]
9-24-08	8:10am	Applied TAO ophthalmic to Lt eye, no discharge, eye looks good. Active & BAR
9-24-08	15:40	Applied TAO ophthalmic to Lt eye (last dose). Left eye looks good. Animal is eating/drinking well. Active and BAR. [REDACTED]
10/27/08	8:50	NAILS TRIMMED. APPEARS NORMAL, ACTIVE, BAR [REDACTED]
10/28/08	8:40	semi-animal PE. BCS 3/5 Good body hair coat condition. Mouth 1/10 teeth. Mild gingivitis upper ② AM. T=99.3 MR-130 ER-WNL A/P - healthy cat. WNL [REDACTED] DVM
11/15/08		Found paper product or some kind of opaque tape attached to feces in litter pan. Animal appears normal. Eating and drinking well. Active & BAR. [REDACTED]
11/17/08		Per [REDACTED] recheck animal on 11/20/08 for normal feces, and eating/drinking normally. If good RTN. [REDACTED]
11/20/08	8:30	Normal feces and urine. Abdomen is WNL. Active and BAR. [REDACTED]
		Per [REDACTED] return to normal husbandry. [REDACTED]
12/13/08	9:00	Weight obtained and nails trimmed. Animal appears normal. Active and BAR. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# CAT26 SLINKY SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
12/19/08	8:20	Animal has some watery vomit with hair in cage. Eating and drinking normally. Active. BAR.
1/2/09	8:10 am	Animal BAR, Active. Small amt of watery clear vomit w/ hair found in cage floor. Animal appears healthy.
2/6/09		ART's report some vomit in cage 215 No vomit today. Eating/drinking well. Active - BAR.
2/10/09	9:00	Small amount watery vomit, containing hair material. Eating/drinking well. Active BAR.
2/11/09	12:40	Collected ~10ml s/b blood from left jugular for baseline (pre-op)
2-12-09	8:50	Sedated for anesthetic OME. See attached ex. record.
10:24		Rtn. to cage 10:24 am. Standing.
10:35		Offered 1/2 can Purina cat food. At some. Trimmed nails, weight obtained.
		Plan: daily dry food by lab staff. Supplement today, q 2-3 wks Canned food. BID cephaloxin 1ml PO 250mg / 5ml 7days
12:30		Resting quietly
3:40 pm		Gave 1.0ml cephaloxin PO. BAR Active; does not seem painful - very friendly & wanting attention.
2/13/09	8:08 am	BAR, Active. Incision clean & dry. Gave 1.0ml cephaloxin (250mg/ml) in wet food - ate readily.
	15:30	Gave 100mg Cephalexin PO (50mg/ml) with small amount s/b wet food. Active. BAR.
2/14/09	8:40	Gave 100mg (cephalexin (250mg/5ml) with small amount s/b wet food. Normal feces/urine. Incision looks great, sutures dry + intact. Active.

Exhibit M

UW-Madison Animal Health Record for Timmy, a.k.a. "Cat 33"

ANIMAL HEALTH RECORD

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

UW ID# <u>TIMMY</u>	USDA# <u>07PPC6</u>	DATE REC'D: <u>8/26/2008</u>
SPECIES: <u>Cat</u>	STRAIN: _____	VENDOR: Class A dealer
BIRTHDATE: <u>10/29/2007</u>	SEX: <u>female</u> ^{SF}	DESCRIPTION: <u>White w/Blue-gray</u>

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
<u>8/26/2008</u>	_____	_____			

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
<u>8/27/08</u>	<u>3.2 kg</u>						
<u>9/10/08</u>	<u>3.04 kg</u>						
<u>10/21/08</u>	<u>3.16 kg</u>						
<u>12/3/08</u>	<u>4.04 kg</u>						
<u>2/10/09</u>	<u>3.7 kg</u>						
<u>4/15/09</u>	<u>3.68 kg</u>						

Diagnostics Record

Date	Test	Result	Date	Test	Result
<u>9/10/08</u>	<u>ONE</u>				
<u>9-10-08</u>	<u>cBC, chemo, lymphs</u>	<u>WNL, See results</u>			
<u>2-12-09</u>	<u>culture</u>	<u>See results</u>			

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
1			
2			
3			
4			

Final Disposition: _____ Date: _____

R0059

20100921 - 000153

Exhibit N

UW-Madison Procedure Log for Timmy
December 17, 2008

12-17-08

Page 1

IACUC Protocol #

PI [REDACTED]

Animal Identification (name or #) Sat 33Date 12/17/08

Procedures

ID#/ Species

Body weight 4.04 kg (8.89 lb)

Age

Sex F/S

Health status/preoperative physical exam:

T = 99.7°F RR = 20 bpm HR = 128 bpmFasting period 72 hrs (hours)

Induction and Summary of Drugs/Fluids:

Time	Drug/Fluid	Purpose	Dosage:mgs/vol	Route	Comments	Initial
9:09 AM	Buprenorphine		0.1 ml	IM		
9:13 AM	Domidol		0.1 ml	IM		
9:13 AM	Ketamine		0.23 ml	IM		

Maintenance

Gas Anesthesia yes → IsofluraneStart Time: 9:40 noRespiration spontaneousEndotracheal tube size: 3.5 controlled ventilationVital Signs Monitoring: (Interval is every _____ min during surgery, _____ min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/Comments/Additional Drugs	Initial
9:13							preanesthesia	
9:30						sodium chlorite	insert I.V.	24 ga
9:40	3% 02, 5			100°F	100%	respiratory lungs dry	intubated 3.5	

Summary:

Surgery start time: 9:13 Surgery end time: _____

Surgeon: _____

R0069

20100921 - 000170

Date 12-17-08 ID# Cat 33

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/ Comments/ Additional Drugs	Initial
9:45	1.5%	116			93	1 drop each eye	antifreeze tears ceprovein 1cc	
9:52	1.5	118	16	97°	98		shaved head	
10:05	1.5	103		99.5	98		dissected cat 2 days AK debride	
10:15				8mL prepared			scrubbed head	
				venous instruments			sent for test	
10:20	1.5	61	17	99	94		started dissector (L) eye for cat	
10:30	1%	60	38	98.6	90	192/min	ant tears	
10:45	1.0%	190	21	98.4	72		Dissecting left eye Coil placed in left eye 18 mm coil in left eye 3 loops	
11:00	1.0%	84	22	98.4	96		Suturing left eye	
11:10						192/min	3 sutures in left eye Neostrene on sutures Ant. Tears	
11:15	1.0%	99	22	98.4	84		Catheter continuity	
11:30	1.0%	98	23	98.6	88		12.6 ft eye Brain dissection R Eye Coil placed in right eye 18mm	
11:35							Suturing R Eye	
11:45	1.5%	103	23	98.8	93		Adhesive suture in R Eye Nintedetected to R Eye	
12:00	1.5%	82	22	99.0	91		Started dissecting L ear L coil in 10mm 6 loops	
12:15	1.5	112	20	99.1	92		3 sutures L ear	
12:30	1.75%	113	23	99.3	94		Wires. Insert R coil 10mm 6 loops	
12:45	2.0%		21					
1:00			24				Incision on top of skull Cleaning bone	
1:15	2	164	24	99.5	89		Drilling bone Putting in screws	
1:30	2	119	21	98.9	95			
1:45	2	128	21	99.5	77		More Screws	
2:00	2	122	20	99.5	86		13 screws total	
2:15							Applying dental cement	
2:30	2	118	21	99.3	92		/	

Date 12-17-08 ID# Cat 33

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/ Comments/ Additional Drugs	Initial
2:45	2	120	21	99.5	94		Running wires through scalp to implant	
3:00	2	121	21	99.5	94			
3:15	2/1.5	120	20	99.5	95		Rean 57.4/52 soldering wires to Lew 52.5 plug. Shrink tubing	
3:30	1.5	113	22	99.3	89			
3:45	1.5	115	21	99.3	89		48.1 Reg	
4:00	1.5	118	23	99.3	92			
4:15	1.5	119	22	99.3	93			
4:20	1.5	180	11	99.5	72	Left eye 142.3	(Cat stopped breathing, cleared trachea of fluid Isoflurane removed to clear trachea. Cat was RVD briefly. Resumed breathing)	
4:35	1.5	110	18			manual respiration	Cervical cannula	
4:45	1.5	107	10	99.7	95			
5:00	1.5	107	9	99.7	91			
5:15		113	9	99.8	86		Cannulating head area	
5:30	1.5	116	16	99.5	91			
5:45	1.5	116	21	99.5	87		Cannulating rest of area	
6:00	1.5		25				1cc cephazolin	
6:15	1.5	102	20	99.7	82		0.4 mL Ketoprofen	
6:30	1.0%						stitching wound(s)	
6:45	1	119	36	99.7	88		One stitch on right cheek.	
							placed in room with heat lamp. Fed one can wet food. Is awake and moving around	
							Three stitches behind head part, one stitch in front Rectal thermometer out 1.1° out	
							66mL saline total	
							Heating pad off extubated	
6:45				0.1 mL Buprenorphine			catheterizing (cat Stereoz)	
							cat walking returned to car	

cat walking
returned to car

Exhibit O

UW-Madison Treatment and Progress Record for Timmy

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	07PPC6 (Timmy)	SPECIES:	Feline	SEX:	F/S
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
8/27/08		Initial DE. Hard haircoat. Anal 1/1 regurg. & f.			
3.2.09		5/0-T>101.4 HR-180-210 R/R-T purring. Appear slightly stressed. Abd. palpable feces palpable in most of colon - Colic related, firm & thick. Apparently stressed.			
		P. Normal hearing. Monitor for feces. [REDACTED] AM			
9/1/08		Pr-up exam. WNL. Positive bloodscreen to FIV.			
		See anesthetic/surgery record for details for OHE. [REDACTED] DM			
		Slight abdominal cramps. Reduced to cage. 12:30 pm:			
12/5/08		Offered 1/3 can A/D. Slight stress. Ambulation: [REDACTED]			
13/15		Eating: [REDACTED]			
14/14/08		Ate 1/2 quantity. Played with litterbox briefly, then [REDACTED] DM			
		Abd. reaction: [REDACTED]			
18/10/08		OAR. ate all the A/D. Reduced cage space: [REDACTED] DM			
9.11.08	8001A	T: 101.9°F; incision is clean, dry and intact NO swelling or erythema; BAR but calm [REDACTED]			
9-12-08	71452m	BAR. Turgent. feces in stomach. EATING. No vomit. Incision clean & intact. Per cage rest 72 hr off just perches in 9-12-08 pm [REDACTED] DM			
9.13.08	8301A	Incision is clean, dry, and intact; moderate amt. soft hairs in cage; BAR; Active [REDACTED]			
9.14.08	8401A	Incision is clean, dry & intact; small amt soft swelling present; normal hair/fur; BAR; Active [REDACTED]			
9-16-08	9am	Presentation as above (post) [REDACTED] DM			
9/17/08	8:00AM	Incision clean, dry & intact; small amount of swelling middle of suture line, BAR, Active, normal urine & feces [REDACTED]			
9/19/08	8:15AM	Incision clean, dry & intact, swelling has gone down significantly, BAR, Active [REDACTED]			
9/22/08	2:00PM	External skin sutures from OHE removed; incision line healed dry; BAR Active [REDACTED]			
9.23.08		Per [REDACTED] return to normal husbandry. [REDACTED]			
10.27.08	850	NAILS TRIMMED. ACTIVE, APPEARS NORMAL, BAR [REDACTED]			

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07 PPC (6 11mm) SPECIES: Feline SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
12/31/08	850am	Weighed & nails trimmed, animal appears normal
12-17-08		Sx. to place eye/carcis + headpost. See attached records. Ok. to allow drug induction as per "Tiger" - Pre-mixed buccal bupivacaine, 0.08% Ketamine/Dormitor IM. Dose rate = 20. [REDACTED] Surgical support provided from 9 am - 5 pm.
12-17-08	8 am	QAR, ate food overnight. Some swelling around eyes. Eye Rx. Caudal headpost skin suture did not hold, bone exposed. Applied TAO. Contact later. [REDACTED]
12-18-08	9 am	0.5 ml Ketorolac (5 mg) 1 mg Cephalexin (100 mg) SG Cat ate well. [REDACTED]
1:45		Selected for surgical wound repair. ~2 TBS cancellous left in dish from was removed ~10am. from cage. 0.08 Dormitor 0.18 Ketamine. 0.07 Toric IM labeled eyes. Below: Cleaned and debrided caudal wound edge Removed 2 end Vinyl suture - no knots - untied and ① tied Vicryl suture interrupted. caudal edge - removed. Clean carefully w/ betadine solution, freshened wound edge placed 4-0 Vinyl hrg. matt. Subcutaneous 3.0 being edges together & tighter around bone implant. Placed 4-0 Ethilon Sub Q suture interrupted. Also removed until Vicryl over R eye.
		Bone under wound was darker color. Concern for bone having dried & calcified overnight. [REDACTED] among concern Gave 100 cc LRS subc. [REDACTED] for bone health.
		Plan: T=100.1 [REDACTED] subc. [REDACTED] months
2:30		0.08 Antibiotic 100mg, returned to cage
2:40		offered canned A/D - licking at food.
		Called [REDACTED].
		Plan: R/S 10-14 days.
		Lab will do antibiotics & NTSU through 1/29.

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	07PPCTb	Timony	SPECIES: Feline	SEX: F/S
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)		
12/18/08		Plan - Continue.		
		Mouth around edge - esp. canally for healing drainage. Vetsup do oral antibiotics - week-end - dragon prote. [REDACTED] [REDACTED]		
		Vet Rx: PRN. [REDACTED] [REDACTED]		
	15000	Acting steadily. 100mg Cephalexin in food 5pm [REDACTED]		
12/19/08	8:40	QAR, Active. Did not eat much food overnight ~ did eat 1/2 can wet food, no little dry. Gave 0.05ml Ketoprofen/5ml and 1.0ml Cephalexin (100mg) SQ, Sutures intact with mod and scabbing around headcap, OS Squinted & conjunctive slit inflamed. [REDACTED] [REDACTED]		
	305	QAR, resting comfortably, ate wet food & some dry. Gave 1.0ml Cephalexin (100mg) SQ. [REDACTED] [REDACTED]		
12/20/08	8:55AM	QAR, resting, sutures intact w/ mod scabbing around headcap, normal feces, urine in box, ate 3/4 dry food overnight. Gave SQ 0.05 ml Ketoprofen and 2.0ml (100mg) (cephalexin PO in wet food - ate readily. Per [REDACTED] continue SID Ketoprofen and SID Cephalexin through weekend - resume on 12/23 [REDACTED]		
	3:00pm	QAR, resting. ate all wet food from A.M. & most of dry. Normal urine. Stool in box. Gave 2.0ml (100mg) Cephalexin PO in sm. amt wet food. [REDACTED]		
12/21/08	9:15AM	BAR, Active. Sutures intact dry & clean. Ate all wet food and most dry from 12/20, normal feces/urine. Gave 0.05ml Ketoprofen SQ and 2.0ml (100mg) Cephalexin PO [REDACTED]		
	4:30pm	QAR; ate all wet food from A.M. (~4oz) & sm. amt dry food. Gave 2.0ml (100mg) Cephalexin PO in wet food. [REDACTED]		
12/22/08	8:45AM	QAR, Active. Sutures intact normal urine. Ate all wet & most dry from 12/21. Per [REDACTED], continue oral cephalexin through 12/24 AM & discontinue Ketoprofen. Gave 2.0ml (100mg) Cephalexin in sm. amt wet food - ate readily. Sutures intact. OS slit slightly squinting [REDACTED]		
		Slight crusty canthal (D skin/eyelid interface. [REDACTED] [REDACTED]		

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPC6 Timmy SPECIES: Feline SEX: ♂/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry).
		Talked w/ lab staff regarding skin sutures. [REDACTED] and used 4-0 silk 2 knots on skin. Will provide recommendations for alternative skin sutures. [REDACTED] Dr [REDACTED]
12/22/08	3:30pm	BAR Active Gave 2.0ml (100mg) Cephalexin PO in sm amt wet food - ate readily [REDACTED]
12/23/08	8:25	Gave 2.0ml (100mg) Cephalexin PO in small amount of wet food, ate readily. Normal feces and urine. Sutures caudal to head cap dry and intact. OS still squinted, no apparent discharge. Active BAR. [REDACTED] RS 12-0, [REDACTED] am.
12/23/08	14:15	Gave 2.0ml (100mg) Cephalexin PO in small amount of wet food. Active BAR. [REDACTED]
12/24/08	820A	Gave 2.0ml (100mg) Cephalexin PO mixed w/ small amt. canned food - ate readily; normal feces & urine; BAR; active [REDACTED]
12-26-08	9:30	small and dried/friable caudal edge healing. TAAK. Lab staff w/ clean today, apply TAO. RS 12-29
12-29-08	8:45	Removed 3 cutaneous sutures caudal to head cap. Still three suture in ears, lab will remove. TAO applied around head cap. Skin healed but pulled away from edges. Lab to clean edge. Plan - Check 1-2-9 [REDACTED] am.
1-1-09	845A	Lab repaired (1) eye coil on 12-31-08 as it was exposed. Today, feline is holding eye closed with mild clear discharge, possibly TAO applied by lab. BAR, active. Reported by ART as being "off balance", let feline out of cage to walk around, balance seems fine. Feline was picking at food when during observation. Little box already cleaned, unable to access F+H adopter [REDACTED]
1-2-09	920AM	BAR, active, normal feces & urine in pan, eating/drinking ok. (1) eye still squinting. All mod. amt clear discharge [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPCL6 Timmy SPECIES: Feline SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
1.2.08	cont.	Per [REDACTED] monitor daily through weekend & reassess 1/5/08 [REDACTED]
1.3.08	810A	OS squinted slightly; OD IOPNL; no oral or discharge; BAR, Active [REDACTED]
1.4.08	810A	OS squinted slightly; OD IOPNL; no swelling, discharge, or erythema; BAR, Active [REDACTED]
1/5/08	8:35	OD no squinting. Small amount of purulent discharge around OS. OD looks good. Animal is eating/drinking normally. Normal feces/wire. Active and BAR. [REDACTED]
1/5/09	14:50	Per [REDACTED], RVM, apply TAD ophthalmic ointment to both eyes BID x 7 days, last dose 1/2 AM. Applied TAD ophthalmic to both eyes. [REDACTED]
1/6/09	8:30	Small amount of purulent discharge in [REDACTED] eye. Right eye looks good. Normal feces and urine. Active. BAR. [REDACTED]
	1:30 pm	Triple antibiotic ointment is applied to both eyes. [REDACTED]
1/7/09	8:30	Right eye coil exposed. Mild purulent discharge in left eye. Normal feces. Active and BAR. [REDACTED]
1/8/09	8:25	Right eye coil more exposed. Mild purulent discharge at left eye. Litter pan changed, cannot assess feces and urine. Active. BAR. [REDACTED] No signs of pain/dolor. Sprinkled staff 1-7 & 4pm. P.L. not avail. 1-7-will assess today. [REDACTED] dr. [REDACTED]
	4:25 pm	she is back to cage from surgery & anesth. [REDACTED] see notes gave cold & dry food in cage [REDACTED]
	5:50 pm	she ate most of the food, looks O.K., had urine on the cage not in litter box, cleaned [REDACTED]
1-9-9	8:00	Btl- Urine + fec. Blephospasm OS. Conjunctival erythema & swelling. Mouth dry. Possible cornel stain needed. [REDACTED] Am wiped

(1) Entry error, disregard. to 1/8/09

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S- 0094

20100921 - 000159

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPC6 - Timing SPECIES: *Felini* SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
11/9/09		Per [REDACTED], apply gentamicin ophthalmic drops to both eyes.
11/10/09 9:20		Applied gentamicin ophthalmic drops to both eyes. Mild green discharge in right eye. Left eye squinted, no discharge. Did not consume all of dry food from '1g. Animal is active and BAR. [REDACTED]
11/11/09 9:15		Applied gentamicin ophthalmic drops to both eyes. Left eye less squinted. Small amount of discharge from both eyes. Eating normally. All food from previous day consumed. Active and BAR. [REDACTED]
11/12/09 8:40		Applied gentamicin ophthalmic drops to both eyes. Mild watery discharge from both eyes. Left eye less squinted. Normal feces and urine in litter pan. Animal is active. BAR. [REDACTED]
	3:40pm	Gentamicin drops applied OU, left eye squinted, mild watery discharge both eyes. [REDACTED]
11/13/09 8:45am		BAR, active. Clear watery discharge OU, OS squinted. No feces in box, normal urine. Applied Gentamicin drops OU. [REDACTED]
	4:15pm	Gentamicin drops applied to both eyes. Slight watery discharge both eyes. [REDACTED]
11/14/09 8:40		Applied gentamicin ophthalmic drops to both eyes. Normal feces and urine. Watery discharge at both eyes. Active. BAR. [REDACTED]
	9:30	OD crusting around lid. OS appears WNL. No blepharospasm. Lab should apply drops to R eye BID. Re-eval 2 days. [REDACTED]
-14-09	11/15/09	Gentamicin drops applied to both eyes. Watery discharge in both eyes (more in right eye). Per WNL, monitor bx weekly. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# UTPPC10

Timmy

SPECIES: Feline

SEX: M/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
1-15-09	11145	Gentamicin drops applied on both eyes [REDACTED]
1-16-09	8:40	Discharge at right eye. Flushed eye with eye irrigation solution and removed debris with cotton swab. Animal is eating normally. Normal feces Active BAR [REDACTED]
1-19-09	8:45	Watery and brown purulent discharge at right eye. Worse since 1/16/09. Small amount of crusty discharge at left medial canthus. No squinting from OU. Eating and drinking normally. Active BAR [REDACTED]
1-20-09		Left eye coil exposed. Discharge persists at right eye. No squinting. Animal is active. BAR, [REDACTED] As above [REDACTED] Bar Told w/lk staff to have [REDACTED] or [REDACTED] communicate regarding plans. Will reassess OD @ Day 05. [REDACTED] Dm.
3:20pm		While cat sedated for PI repair of R eye coil, OU stained w/ Fluorescein Stain - no corneal abrasions or scratches seen. Large amt of thick clear gelatinous discharge from OD, small amt from OS. [REDACTED]
4:15pm		Cat is back to cage, fed w/ old food [REDACTED] see notes
1-21-09	8:20	Left eye squinted shut, no change in discharge at right eye. Eating well. Active BAR [REDACTED] Per [REDACTED], monitor daily. [REDACTED]
1-22-09	8:50	No change in OU since 1/21. Normal feces. Active BAR. [REDACTED]
2pm		Discussion w/ [REDACTED] regarding repeated displacement of R eye coil. Eye adhesion has healed w/ no post op. scar tissue w/ no signs of blepharospasm, abscessed tissue swelling or discharge. Coil is displaced approx 10d. post-tacking. Cat not apparently bothered by it. [REDACTED]

Exhibit P

**UW-Madison Procedure Log for Timmy
December 31, 2008**

IACUC Protocol # PI
 Animal Identification (name or #) cat 33, Timmy Date 12-31-08
 Procedures repaired eye cornea

ID#/ Species cat
 Body weight 4.1Kg
 Age Sex M

Health status/preoperative physical exam:

Fasting period >12 hrs (hours)

Induction and Summary of Drugs/Fluids:

Time	Drug/Fluid	Purpose	Dosage:mgs/vol	Route	Comments	Initials
11:45	Ketamine		70mg .7ml/ml			
11:45	acepina		54mg .05ml/ml			

Maintenance

Gas Anesthesia yes → Isoflurane

Start Time: 12:00

Respiration spontaneous

Endotracheal tube size:

controlled ventilation

Vital Signs Monitoring:

(Interval is every _____ min during surgery, _____ min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature,
 O² Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ² Sat	Other (reflexes for acute exp)	Surgical Events	Comments/Additional Drugs	Initials
12:00							Tympanic membrane		
							retrobulbar		
							shallow tectus		

Summary:

Surgery start time: 12:00 Surgery end time: 1:00
 Surgeon:

bleeding
alcohol

R0077

Date 12-31-08 ID# cat 33 lirix

Exhibit Q

UW-Madison Animal Health Record for Patches, a.k.a. "G04"

ANIMAL HEALTH RECORD

Animal Care Unit
University of Wisconsin Medical School
Madison, WI 53792

UW ID#	G04	USDA#	H1E353	DATE RECD:	3/30/03
SPECIES	MIC	STRAIN	DST	VENDGR	Class A dealer
BIRTHDATE		SEX	F	DESCRIPTION	(White) Black, red

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
3/30/03			4/1/03		
3/30/03			4/1/03		

Vaccination Record

Date	Test	Date	Test	Date	Test	Date	Test
3/30/03	2	4/1/03	554	4/1/03	302	4/1/03	342
3/30/03	103	4/1/03		4/1/03		4/1/03	
3/30/03	2	4/1/03	554	4/1/03	302	4/1/03	342
3/30/03	2	4/1/03	554	4/1/03	302	4/1/03	342

Diagnostics Record

Date	Test	Result	Date	Test	Result
3/30/03	Microscopic				
3/30/03	Microscopic				
3/30/03	Microscopic				
3/30/03	Microscopic	NEGATIVE			

Problem List

Problem	Assigned	Description of Problem	Date Resolved

Final Disposition: Euthanized (NOT TAKEN FOR NECKLERY) Date: 8-17-07

R0123

Exhibit R

UW-Madison Treatment and Progress Record for Patches

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# PATCHES G04 SPECIES: CAT SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
12/14/06		NO MAJOR CHANGE IN SWELLING ON (A) EAR. WILL CONTINUE TO MONITOR, & PURSUE TREATMENT ONLY IF THERE MANICED WORSENING OR INTERFERENCE WITH EXPERIMENTAL PROCEDURES.
12/20/06		SWELLING DECREASED. LOOKS FINE.
1-12-07		EAR ABSCESS RETURNED. OPENED, & PUS EXPRESSED. OVERALL ATTITUDE IS GOOD.
		PLAN: 1ml CLAVAMOX BID X 7 d. CLAVAMOX 1-12-07 pm [REDACTED]
1-13-07	8 am	50mg Clavamox PO [REDACTED]
	4:30 pm	50mg Clavamox PO [REDACTED]
1-14-07	8:15 am	50mg Clavamox PO [REDACTED] with 1/2 can food
	4 pm	50mg Clavamox PO with 1/2 can food [REDACTED]
1-15-07	8:30 A	50mg Clavamox (1.0cc) p.o. [REDACTED]
	11:30	" " " "
1-16-07	am	1 ml CLAVAMOX PO. EAR LOOKS OK.
	pm	1 ml CLAVAMOX PO
1-17-07		
1-18-07	8 am	1ml Clavamox PO [REDACTED]
3-26-07		Turned in for diarrhea, stool is wet & loose but not watery. Patches is BARH [REDACTED]
3-27-07		Same, BARH [REDACTED]
3/28/07		8:30A unformed stool but conforeable, BAR well hydrated (P) Fecal float, reissues [REDACTED]
4-18-07		PHYSICAL EXAM: (S) BAR (O) WNL - EXCEPT FOR = BROKEN (B) UPPER CANINE TOOTH. APPEARS TO HAVE SOME PULP CAVITY EXPOSURE. (A) OVERALL CONDITION GOOD. (P) SCHEDULE TOOTH REMOVAL FOR UPPER (B) CANINE. NAILS TRIMMED.

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

Exhibit S

UW-Madison Animal Health Record for Marble, a.k.a. "G03"

ANIMAL HEALTH RECORD

Animal Care Unit
University of Wisconsin Medical School
Madison, WI 53792

MARBLE

Eurotator Name E347

UW ID# G03

USDA# 149F351 (7)

DATE REC'D: 3/30/00

SPECIES: Mouse

STRAIN: DSH

VENDOR:

Class A dealer

BIRTHDATE:

SEX: F/S

DESCRIPTION: Black and white

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
3/20/00			4/14/00		
3/30/00			4/26/00		

Weight Record

Date	WT	Date	WT	Date	WT	Date	WT
3/15/00	1.00	3/18/00	5.10	3/19/00	9.10	3/20/00	6.84
4/14/00	2.70	4/26/00	2.76	5/1/00	2.76	5/1/00	2.76
5/1/00	2.50	5/1/00	2.50	5/1/00	2.50	5/1/00	2.50
5/1/00	2.50	5/1/00	2.50	5/1/00	2.50	5/1/00	2.50
5/1/00	2.50	5/1/00	2.50	5/1/00	2.50	5/1/00	2.50
5/1/00	2.50	5/1/00	2.50	5/1/00	2.50	5/1/00	2.50
5/1/00	2.50	5/1/00	2.50	5/1/00	2.50	5/1/00	2.50

Diagnostics Record

Date	Test	Result	Date	Test	Result
3/14/00	Veterinarian				
3/15/00	Pathologist				
3/15/00	Microbiologist				
3/15/00	Chem Panel	See Results			

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
1	4/14/00	Trunk bleeding from injury 4/10/00	
2			
3			
4			

Final Disposition: Mortise

Date: 4/14/08

R0166

Exhibit T

UW-Madison Procedure Log for Marble

April 3, 2007

Page 1

IACUC Protocol #

P

Date 9-3-07

Animal Identification (name or #)

Procedures 2 piano rolls implanted

ID#/Species 603

Body weight 3.3 Kg

Age 7 1/2 Sex 0

Health status/preoperative physical exam:

900 HR 95 17 RR temp 99.7° F
915 156 101.7 E

Fasting period 212 (hours)

Induction and Summary of Drugs/Fluids:

Maintenance

Gas Anesthesia → Isoflurane

Start Time: 9:25

• 10

Respiration **Spontaneous**

Endotracheal tube size: 3, 2

controlled ventilation

Vital Signs Monitoring: (Interval is every min during surgery. min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/Comments/Additional Drugs	Initial
9:25	normo 5%							
9:37	2%							
9:39							2 days bedrest to teach	

Summary:

Surgery start time: 9:25 am Surgery end time: 12:50 p.m.
Surgeon: DR. J. M. HARRIS

R0178

20100921 - 000329

Date 4-3-07 ID# 663

Chamber
Total of 60 ml fluids



400 pm 100 mg Cefazolin S.G

R0179

Exhibit U

UW-Madison Procedure Log for Marble
June 6, 2007

IACUC Protocol # PI Animal Identification (name or #) 603 Date
Procedures

ID#/ Species 603
Body weight 3.23
Age 1/2 Sex M
Health status/preoperative physical exam:
Rt: b/p/min HR: 100/min T: 99.5°f

Fasting period → 12 hrs (hours)

Induction and Summary of Drugs/Fluids:

Time	Drug/Fluid	Purpose	Dosage:mgs/vol	Route	Comments	Initials
	oxy morphine	.27 mg	.27 ml			
	midazolam	.13 mg	.076 ml			
	atropine	.135 mg	.25 ml			

Maintenance

Gas Anesthesia yes → Isoflurane

Start Time: 10:45

ג'ז

Respiration

Endotracheal tube size: 3.5

controlled ventilation

Vital Signs Monitoring: (Interval is every 1 min during surgery, 5 min during recording.)

Observations should be recorded from the time that the animal is stable, after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat.	Other (reflexes for acute exp)	Surgical Events/ Comments/Additional Drugs	Initial
10:45							pre-anesthetic given	
10:50	5%							
11:03 am	1.5%						lidocaine required	

Summary:

Surgery start time: 10:45 Surgery end time: 4:10
Surgeon:

R0174

20100921 - 000325

Date 06/06/07 ID# 1003

- ① 94.1 recorded incorrect temp. [REDACTED] heat lamp applied
② Temperature taken manually due to monitor thermometer malfunction

Exhibit V

UW-Madison Treatment and Progress Record for Marble

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 603 N9E351

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
7-5-06		GAVE DOSE OF NUTRICAL [REDACTED]
7-6-06		PURRED W/ SPIT FIRE, ROUGH COAT, INACTIVE [REDACTED]
10/11/06		PHYSICAL EXAM: WNL [REDACTED]
12/11/06		Nail Trim [REDACTED]
7-4-07		100 mg cephalexin 4.5mg Ketoprophen. CATHETERIZING WELL. PM 100MG [REDACTED] [REDACTED]
4-4-07		SURGERY SITE LOOKS GOOD - SLIGHT SWELLING. ACTIVELY EATING.
4-5-07		NO NOTICABLE SWELLING ON EARS.
4-5-07 am		100 mg cephalexin in soft food [REDACTED]
	pm	100 mg cephalexin in soft food [REDACTED]
4-6-07 am		100 mg cephalexin in soft food [REDACTED]
4-6-07	(S) ALERT/RESPONSIVE (P) SURGENT SITES	[REDACTED]
		HEALING WELL. NO INFLAMMATION OR DRAINAGE. (A) HEALING WELL. (P) CONTINUE POSEI-OP CEPHALEXIN (2 ml [100mg] BID).
4-6-07 pm		[REDACTED] 100 mg cephalexin [REDACTED]
4-7-07 am		100 mg " "
	pm	100 mg " "
4-8-07 am		100 mg " "
	pm	100 mg cephalexin
4-9-07 am		100 mg cephalexin
	pm	100 mg cephalexin [REDACTED]
4-10-07 am		" "
	6 pm	" "
4-20-07 2:45p		Sick report rec'd stating no urine in pm in last 24 hrs; came to assess cat and not in cage. P: Will have [REDACTED] monitor over weekend. [REDACTED]
4/20/07 3:05p		NOT IN CAGE - CATHED [REDACTED] +d. ingire - L/M [REDACTED]
	3:15p	1h 20/07 Cat S/O RAR active small b/colder
		11 AM prnt/urine (A) WNL (P) Normal findings per protocol [REDACTED] DRA

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	G-03	SPECIES	FELINE	SEX	F
Date	Problem#.	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
4/26/07		NAILS TRIMMED ON 4/23/07 - SEE SURGICAL REPORT DATED 4/23/07.			
5/7/07		EAR CULL SURGERY ON 6/6/07 - INITIAL POST-OP CHECK = WNL			
6-7-07	8:30	125 mg cephalaxin (2.5ml) in soft food 4.5 mg ketoprophene SQ, Cat eatten well			
	4:00	125 cephalaxin (2.5ml) soft food			
6-8-07	8:45	125 mg cephalaxin (2.5ml) in soft food			
	4:30	IV 125 mg cephalaxin			
6-9-07	7:30 am	IV 125 mg cephalaxin			
	3:00 pm	IV 125 mg cephalaxin			
6-10-07	7:30 am	IV 125 mg cephalaxin WNL			
	3:00 pm	IV 125 mg Cephalaxin			
6-9-07		INCISION SITE LOOKS GOOD. NO SWELLING OR DISCHARGE.			
6/13/07		POST-OP CHECK. (A) ATR (O) INCISION SITE WNL (A) NORMAL RECOVERY. (P) CONTINUE CEPHALAXIN.			
6-09-07	7:30am	Incision site WNL.			
6-10-07	7:40am	G03 BAR			
6-11-07		125 MG Cephalaxin			
6-12-07		NAILS TRIMMED ON 6/10/07 - SEE SURGICAL REPORT DATED 6/10/07.			
6/14/07		WNL			
7-16-07	8:10	APPEARS NORMAL. BATH.			
8-13-07	8:20	EDGES OF HEADCAP SCABBED WITH MODERATE PURULENT DISCHARGE. CULTURE SWAB COLLECTED FROM AREA PER [REDACTED] BATH.			
B 20-07	3:20PM	1mL CLAVAMOX PO - AS PER AMJ, ADMINISTER 1mL Clavamox PO B10 X 7D.			
B-21-07	8:20 Am	1 mL CLAVAMOX PO			
	3 PM	1 mL CLAVAMOX PO			

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	G03	SPECIES:	FELINE	SEX:	F
<hr/>					
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
8/22/07	8:30	1ml CLAVAMOX PO, STRONG ODOR FROM HEAD CAP, DISCHARGE AND SCABBING AROUND WOUND EDGE			
		6:00pm 1ml clavamox PO			
8/23/07	8:06	1ml CLAVAMOX PO			
		6pm 1ml Clavamox PO			
8/24/07	8:03	1ml CLAVAMOX, STRONG ODOR FROM HEAD CAP LITTLE PURULENT DISCHARGE, CLEANING SEEMS TO HAVE BEEN ATTEMPTED			
		6pm 1ml Clavamox			
8-25-07	8am	1ml clavamox PO			
		3:50pm 1ml clavamox PO			
8-26-07	9am	1ml clavamox PO			
		1:30pm 1ml clavamox PO			
8/28/07	10:50 AM	SO: Recheck head cap - mild odor from head cap, wound edges are mostly dry with some discharge - appears to be ^{more} serous. QAC, abtyle good: A: healing, some improvement. P: Continue clavamox for 3 more days per [REDACTED]			
8/28/07	10:50	1ml Clavamox PO			
		5pm 1ml clavamox PO			
8/29/07	8:00	1ml clavamox PO			
		2:55 PM 1ml clavamox PO			
8/30/07	7:45	62.5 mg CLAVAMOX GIVEN PO. MINIMAL DISCHARGE FROM HEADCAP. EDGES REMAIN SCABBED. NO NOTICABLE ODOR. B&R			
		5:00 1ml Clavamox PO			
8/31/07	7:30	EDGES OF HEADCAP REMAIN SCABBED - MINIMAL DISCHARGE FROM WOUND EDGE, NO NOTICABLE ODOR. B&R.			
		PER [REDACTED], RTN [REDACTED]			
9/28/07	11am	APPEARS NORMAL. B&R			
11-27-07	7:15	APPEARS NORMAL. B&R			
12-24-07	9:20	Appears normal. B&R	/	DVM	

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

ID# G 03 MARBLE SPECIES: Feline SEX: F

Animal Health Record Addendum Sheet

Protocol Number: [REDACTED]

Principal Investigator: [REDACTED]

Animal Identification: 603 Marble

Species: cat

1.) Was a necropsy performed on this animal? If a report is complete please attach it to this form. No

2.) Why was the animal euthanatized. end of study

3.) What method was utilized to euthanatize this animal and include the drug name and dosage or total amount.

Pentobarbital 4cc (50 mg/ml)

R0167

20100921 - 000314

Exhibit W

UW-Madison Animal Health Record for Tiger, a.k.a. "Cat 32"

ANIMAL HEALTH RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

UW ID# <u>TIGER #32</u>	USDA# <u>07PPX5</u>	DATE REC'D: <u>8/26/2008</u>
SPECIES: <u>Cat</u>	STRAIN: <u></u>	VENDOR: <u></u> Class A dealer
BIRTHDATE: <u>11/26/2007</u>	SEX: <u>female</u>	DESCRIPTION: <u>SP Blue Mackeral w/ White</u>

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
<u>8/26/2008</u>	<u></u>	<u></u>			

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
<u>8-26-08</u>	<u>3.61</u>						
<u>8-26-08</u>	<u>3.61</u>						
<u>8-26-08</u>	<u>3.61</u>						
<u>8-26-08</u>	<u>3.51</u>						
<u>8-26-08</u>	<u>3.52</u>						
<u>8-26-08</u>	<u>3.42</u>						

Diagnostics Record

Date	Test	Result	Date	Test	Result
<u>8/26/08</u>	<u>SPN</u>				
<u>8-26-08</u>	<u>SPN</u>				

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

Final Disposition: _____ Date: _____

R0082

Exhibit X

UW-Madison Procedure Log for Tiger

September 25, 2008

Date 9/25/08 ID# cat 32

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events/ Comments/ Additional Drugs	Initial
10:00	100	115	15	100.4	94		Needle inserted in lg Drip started	
							Rectal probe inserted Heating pad put under cat	
							Head shaved	
10:15	100	120	6	100.2	92		Cat placed on operating board Phenylephrin HCl applied 2 drops per eye	
							Head scrubbed with betadine and alcohol	
							Covered with blanket	
10:30	100	59	15	99.9			Head placed in stereotaxic frame	
							Injected 100 mg xylazine	
10:45	100	111	18	100.6	90		Surgeon Preparing	
11:00	100	112	19	100.9	87		Cat Draped	
	1.5%						Initial incision made, still closed	
11:07		131	25	100.9	85		Scraping muscle and tissue	
11:15		128	22	100.9	93		Penciling location of post	
11:20		132	24	101.3	92		First hole begun Stopping bleeding with wire	
11:30		134	21	101.5	91		3 screws in	
11:35		142	23	101.7	92		4 th screw in towards L ear	
11:40		133	22	101.8	92		5, 6 th screw is placed towards R eye	
11:45		136	23	102	95		7 th , 8 th screws	
12:00		143	23	102.3	93		9-12 th screws are placed 13 th is placed	
12:15		149	30	102.6	93		- place retractors to keep the skin apart	
							- stereotaxic device is placed to place the head-post	
							- put some cement or cover the head-post carefully	
12:30		159	31	102.9	94			
12:45		167	27	103.5	91		changed the position of cat	
1:00pm		166	25	103.6	92		started to work on L eye	

↑ SPO₂Reading may be
incorrect due to
cannulae

R0090

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 9-25-08

SPECIES: cat. 32

SEX: 3

TIME	IN GAO	HL	RR	TEMP	O ² SAT	NOTES
1:15	1.5	163	34	103.8	91	Eye coil being placed in right eye Eye coil = 18mm (left eye)
1:30	1.5	171	30	104	75	Suturing left Eye Turned off heating pad Isotracane → 1.75
1:45	1.75	175	29	104	99	Continuing left eye sutures 4 suture Rinsed eye with sterile Saline, applied antibiotic Begin incising left eye
2:00	1.75	171	27	103.8		Right eye incised Right eye incised Placing 18 mm coil in right eye
2:15	1.75	171	28	103.8	90	Glue used to fix coil in right eye 4 sutures in right eye
2:30	1.75	172	27	103.6	97	Right eye rinsed, ointment applied Begin incising right ear
2:32	2					Placing right ear coil Begin suturing ear
2:45	2	171	35	103.5	98	3 sutures total in r. ear Begin incising left ear
	1.75					Placing left coil linear Sutured - 2 sutures
3:00	1.75	172	27	103.1	98	Running eye coils under skin Eye coil wires cut accidentally for right eye Trying to cut skin and run them up
3:15	1.75	164	30	102.9	98	

Right ear
6.1mm
(0mm)
Left Ear
6.1mm
10mm

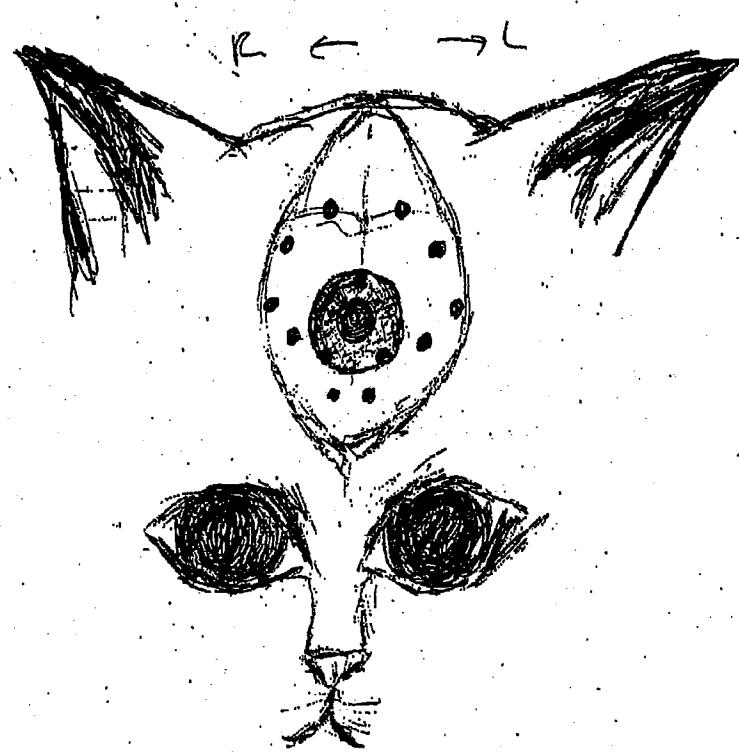
TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
University of Wisconsin Medical School
Madison, WI 53792

ID# Cat 32

SPECIES: 9-25-08 SEX:

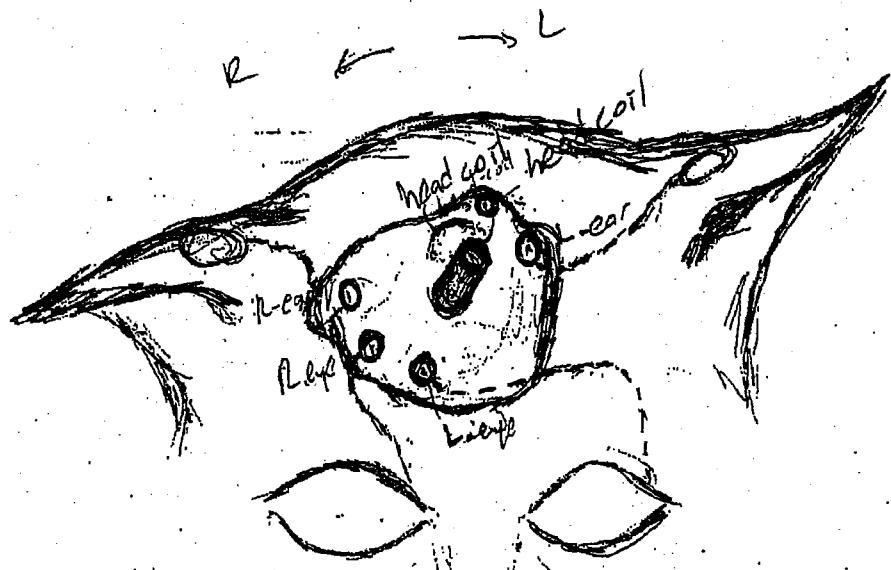
Time	% (Grs)	HR	RR	Temp	O ₂ Sat	Initial/
3:30	1.75	160	26	102.6	98	soldering the R-eye coil wires
3:45		158	25	102.2	98	32.2 R (R) ear head coil 42 R soldering the R-ear coil
						50.5 R (R) ear coil
4:00		153	24	102.0	98	(L) eye coil soldering
4:05	15%	150	23	102.0	98	48.3 R
4:15		148	23	101.8	98	(L) ear coil soldering
						49.1 R
						put cement around (L) eye
4:30		146	26	101.5	98	cement around (L) ear
4:45		145	25	101.3	98	cement around (R) ear
5:00		139	27	100.9	98	cement around (L) eye
5:15		139	27	100.6	97	cement around head coil
5:30		137	25	100.2	98	cement around head coil ketoprophen 7 mg
5:45		119	16	99.9	99	1 Suture L check
6:00		117	26	99.5	99	turning her on her back 3 sutures (R) side
6:00	off					total 90 mL of fluid
6:30						butylmorphine 1 mL
6:30						extubated, protest off
6:30						back to cage, walking
6:30						fed-eating last dinner



R0091

20100921 - 000201

* head coil is
coated w/ cement



R0094

20100921 - 000204

Exhibit Y

UW-Madison Treatment and Progress Record for Tiger

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPX5

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8/27/8	Initial PE. T=101.6. R.R.-loud purring - Auscultus wnl. HR-180-205 3.6kg	R/O - BAK- Hard haircoat. GCS - 3/5 Alert, pulsat., CNVL. A-Healthy cat P-Normal husbandry. [REDACTED] DM
9/10/8		Pre-op exam and bloodwork for OME. See another log for details. Smooth recovery. [REDACTED] DM
		Returned to cage 11:45. Lifting head and attempting to sit. Stomach [REDACTED]
	12 pm	Sitting sternal 12:00pm. Offered 1/3 can 4/4 - started eating. [REDACTED]
	13:00	Resting. easily roused. [REDACTED]
	14:43	Placed water, litter, pain. Known eaten all AM & PM. Resting, moderate
	18:00	Ambulating ablt, normal posture. Reward cage separate. [REDACTED] DM
9.11.08	830A	T:101.9°F; incision is clean, dry and intact - no swelling or erythema; BAK; very active [REDACTED]
9-12-8	7:45 am	BAK. Large cont. abdominal strand pain. Eating. No vomit. BAK Ingestion of cage when cat gained. Precision cutout, dry.
		OK put perches back in 9-12 pm. [REDACTED] DM
9.13.08	830A	Incision is clean, dry & intact. moderate amt. soft feces in cage; BAK; Active [REDACTED]
9.14.08	840A	Incision is clean, dry & intact; small amt. of soft swelling present at site; normal urine & feces; BAK; Active [REDACTED]
9-16-8	9 am	as above. Soft tissue swelling firm. Probable reaction tissue; cat is very active. Then mouth 3x/wk for change. [REDACTED] DM
9/17	8:00AM	Incision clean, dry & intact, firm tissue swelling middle of suture line, BAK, very active, edema, normal amt. feces & urine in cage (pair housed) [REDACTED]
9/19/08	8:15AM	Incision clean, dry & intact, mild tissue swelling on middle of suture line, BAK, Active [REDACTED]
9.22.08	8:30AM	No change since 9/19. Animal is active, eating / drinking well. BAK [REDACTED]
	2:00pm	External skin sutures from HE removed; incision dry & healed, BAK, Active [REDACTED]
9.23.08		Pr [REDACTED], return to normal husbandry [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPX5

SPECIES: Feline

SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
① 9-24-08		Scheduled for head post placement. Protocol pre-mixed was oxytropine with is not currently available. Sedat Pre-med: 0.1 ml Butorphanilic -locally. Induct w/ ket 0.23 ml IM & Meftazine 0.09 IV. [REDACTED] Dm
9/25/08 9:00am		Scheduled for head post/eye coil/ear coil surgery today with [REDACTED] [REDACTED] (duplicated entry) [REDACTED]
9-26-08 8:30		SD - QSR. Urine in pan. Ford dshcr. surgery. Water intake. Resting greatly on upper perch. Offered food 1/2 A/D Purring. Ambulatory. T=103.1 Lab to give am - Ketoprofen. Rev-tungs: 3/4 hrs. [REDACTED] Dm.
9:45		*7 mg Ketoprofen (0.7 ml) SC L Q 125 mg (2.5 ml) cephalixin in moist food. Cat did not eat bul antide, +100mg cephalot. [REDACTED] S
13:00		TEMP: 101.2°F ACTIVE, PURRING ATE CANNED FOOD. PERIORBITAL SWELLING WITH SOME SQUINTING MINOR SWELLING OF EAR PINNAS. BAR [REDACTED]
15:40		QAR, Ambulatory, Sm amt urine in box [REDACTED] Per [REDACTED] Tx as follows Cephalexin BID PO 2.5ml/125g or 1.0ml Cephazolin (10mg/ml) SQ BID; Ketoprofen given if needed - increased swelling of eyelids, ears around headcap, then give 0.07 ml Ketoprofen SID SQ; All per [REDACTED], DVM [REDACTED]
17:00		Cat has eaten her food & cephalexin is not fun am. No further doses given this date
9/27/08 11:00A		Some squinting, minor swelling, active gait. 2.5 mL cephalexin P.O. in wet food ate immediately [REDACTED]
16:30P		gave 2.5 mL cephalexin PO with food ate immediately [REDACTED]

② Correct date should be 9-25-08
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TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 67 PPX5 (Tiger) SPECIES: Feline SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
9/28/08	10:25A	slight squinting of eyes. looks to have improved from yesterday. gave 2.5 ml cephalaxin in wet food PO, ate immediately, active [REDACTED]
	6:10P	gave 2.5 ml cephalaxin PO with food, ate immediately [REDACTED]
9-29-08	8:40	Gave 2.5ml Cephalexin PO with canned food, ate readily. Soft stool in pan, normal urine. Animal is active and BAR. [REDACTED]
9-29-08	10:20	2.5 mL, 125 mg cephalexin in food [REDACTED]
9/30/08	8:25AM	BAR, Active, Right eye slight squinting, mild swelling around head cap & both ear pinna, eat well, normal urinalysis [REDACTED]
9/30/08	9:00AM	2.5 mL, 125 mg cephalexin in food [REDACTED]
	10:10	2.5 mL, 125 mg Cephalexin in food [REDACTED]
10/1/08	10:05AM	2.5 mL 125 mg Cephalexin in food [REDACTED]
	7:30 pm	2.5 mL 125 mg cephalexin in food [REDACTED]
10-2-08	8:05	Some discolored, soft feces in litter pan. Animal looks good, active, and BAR. [REDACTED]
	9:00 am	2.5 mL 125 mg cephalexin in food [REDACTED]
	5:30 pm	2.5 mL 125 mg cephalexin in food. [REDACTED]
10-3-08	8:15AM	BAR, Active, RT eye slight squint w/small amt of discharge w/blood spot; Soft light brown feces; normal urine; Swelling around head cap & ear pinna. Significantly reduced [REDACTED]
	11:45am	2.5 mL 125 mg cephalexin in food [REDACTED]
	2:45pm	Per mH (DVM) Return to Normal Husbandry [REDACTED]
	4:05pm	2.5 mL 125 mg cephalexin in food [REDACTED]
10/14/08	8:20AM	BAR, Active, RT eye Slightly Squinting, sm. amt of crusting around bottom of top eyelid - Per [REDACTED] (DVM) lab can apply triple antibiotic ophthalmic ointment [REDACTED]
	8:30am	Applied triple antibiotic ophthalmic ointment to right eye [REDACTED]

① triple Antibiotic BTO in RT eye
for 5-7 days [REDACTED]

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TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	57PPX5 (Tige)	SPECIES:	Feline	SEX:	F/S
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
10/15/08	8:40am	Applied triple antibiotic ophthalmic ointment to right eye; BAR, Active, normal stool & urine in pen - pair housed with #07PPC6, getting along well			
10/15/08	16:15	Applied triple antibiotic ophthalmic ointment to (R) eye.			
10/16/08	8:20pm	BAR, Active, normal urine & stoolish box; Applied triple antibiotic ophthalmic ointment to Right Eye			
10/16/08	16:25	Applied TAO ophthalmic to (R) eye. Eating and drinking well. Active and BAR			
10/17/08	8:05am	BAR, Active, Applied TAO ophthalmic to Right eye - eye slit less squinting; no discharge seen; normal stool & urine in box; eating/drinking well			
	4:35pm	Applied TAO ophthalmic to Right Eye, BAR, Active			
10/18/08	8:55a	TAO ophthalmic applied OD; BAR; Active			
	3:30pm	TAO ophthalmic applied OD; OD only slightly squinted; BAR			
10/19/08	7:40a	TAO ophthalmic applied OD; OD barely squinted; BAR, Active			
	14:5pm	TAO ophthalmic applied OD; OD slightly squinted; BAR, Active			
10/20/08	8:20am	Applied TAO to Right Eye, no discharge, Slt Squint, normal urine & feces in box, eating/drinking well			
	4pm	Applied TAO to (R) eye			
10/21/08	8:55	Applied TAO ophthalmic to (R) eye, small amount of brown crusty discharge. Normal feces and urine, active, and B&R			
	16:15	Applied TAO ophthalmic to (R) eye			
10/22/08	8:20	Applied TAO ophthalmic to Right eye, sm. amt of brown/red crusting on lower lid; Normal feces & urine in pen - pair housed with #07PPC6, BAR, Active			
	5:20	Applied TAO ophthalmic to (R) eye			
10/23/08	8:35	Applied TAO ophthalmic to (R) eye, no discharge. Animal is eating/drinking normally. Active & BAR			

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPX5 (Tiger) SPECIES: Feline SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
10/23/08	110:10	Applied TAD ophthalmic to Right eye. BAR Active, no discharge AD (R eye) - very slight squint. Return to normal husbandry per [REDACTED] (avm)
10/27/08	8:50	NAILS TRIMMED. APPEARS NORMAL, ACTIVE, BAR
11/7/08		Per M/H apply erythromycin to both eyes BID x 7 days. [REDACTED]
11/8/08	7:50A	Erythromycin ointment applied OU; BAR; Active
	155pm	Erythromycin ointment applied OU; BAR; Active
11/9/08	8:30A	Erythromycin ointment applied OU; OS appears wonz, OD is slightly squinted; BAR; Active
	4:00pm	OU appear wonz; applied Erythromycin ointment OU; BAR; Active
11-10-08	9:25AM	BAR, Active Erythromycin ointment applied OU, normalized function. [REDACTED]
11-10-08		Note regarding entry 11-6-08. Chitade (lab staff) [REDACTED] that both eyes had discharge (overgument). OK to apply BID OU erythromycin 7-14 d or as needed. Plan: if no improvement, recheck, urinalysis, ⇒ cytology, titration. [REDACTED]
	4:20pm	BAR, Active Erythromycin ophthalmic ointment applied OU, no discharge seen. [REDACTED]
11-11-08	8:20AM	BAR, Active Erythromycin ophthalmic applied OU, eyes clear, OD slightly squinted. [REDACTED]
	4:00pm	Erythromycin ophthalmic applied OU. [REDACTED]
11-12-08	8:45AM	BAR, Active. Erythromycin applied to OU
	3:40pm	Erythromycin ophthalmic applied OU, BAR, Active, no discharge from either eye. [REDACTED]
11-13-08	8:10AM	Erythromycin ophthalmic ointment applied OU, no discharge, minor squinting OD, normal stool function. [REDACTED]
	11:010	Applied erythromycin ophthalmic OU. BAR, Active. [REDACTED]
11-14-08	8:15	Erythromycin ophthalmic ointment applied OU, no discharge, minor squinting OD, normal stool function; BAR, Active. [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# 07PPX5 (Tige) SPECIES: Feline SEX: F/S

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
11-14-08	215pm	Applied Erythromycin ophthalmic O/T, no discharge. BAR Active; last treatment [REDACTED]
12/3/08	9:00am	Weighed and nail trimmed, animal appears normal [REDACTED]
2/10/09	315pm	Nails trimmed & weighed, BAR Active, appears normal [REDACTED]
2/12/09	11:20	Semi annual PE - BCS 2.5/5 HK-160 PR-purp. T=100.7 Some ocular rxn of conjunctival inflammation hyperemia w/ mild mucopurulent discharge OD. [REDACTED] Dr
2/17-09	3pm	Triple antibiotic ophthalmic ointment applied to (R) eye per vet diag [REDACTED] Duplicating to lab will treat O/T BID as needed [REDACTED] Dr
2-18		TAO BID [REDACTED]
2-19		TAO BID [REDACTED]
2-20		TAO BID [REDACTED]
2/28/09	8:50AM	discharge in (R) eye, minimal squinting BAR ACTIVE [REDACTED]
3-24-09		Mucopurulent discharge ad tearing continue fl/ OD. Lab manager is talking to Dr about removing nail. Cat/eye does not seem uncomfortable or disturbed [REDACTED] Dr
4/11/09	9:45AM	Weight obtained & nails trimmed [REDACTED]
4-28-09	8:30	Mucopurulent discharge persists OD. No blepharospasm or discomfort noted. Aerobic culture. OD conjunctivitis. [REDACTED] Dr
5-7-09	14:10	Added culture results and sensitivity Dr will meet with lab regarding results. [REDACTED]
	15:00	Discussed culture results with lab. Lab report currently recording off OS, not using OD for recording. [REDACTED] Dr
5-8-09	8 am.	OD gross exam. No observable discharge. No blepharospasm. Very mild conjunctival swelling. Lab has intermittently used Plan: Mouth/kittens with tarsi/tear/green/green/blue eyes recorded. Plan: Monitor ocular discharge/swelling if/when. [REDACTED] Dr

Exhibit Z

**UW-Madison Procedure Log for Tiger
January 8, 2009**

IACUC Protocol #

PI

Animal Identification (name or #) C 32

Date

Procedures *epicard L xl coil*

1 8 - 09

ID#/ Species Cat
 Body weight 3.5 Kg
 Age 1 Sex F

Health status/preoperative physical exam:

Fasting period 24 hrs (hours)**Induction and Summary of Drugs/Fluids:**

Time	Drug/Fluid	Purpose	Dosage:mgs/vol	Route	Comments	Initial
135	Butor Phenac 0.08 mg/ml (.8 mg)	I.M.				
	Do not induce until 1 hr after	I.M.				
	Ketamine 3 mg/ml 30 mg	I.M.				
140	1.1 atropine drop to eye artificial tear (Q) eye ointment to Q eye (triple antibiotic)	I.G.				

MaintenanceGas Anesthesia yes → Isoflurane

Start Time: _____

 noRespiration spontaneous

Endotracheal tube size: _____

 controlled ventilation**Vital Signs Monitoring:** (Interval is every _____ min during surgery, _____ min during recording.)

Observations should be recorded from the time that the animal is stable after induction until the animal is terminated or recovered and placed back in their cage. Recovery is defined as when the following conditions are met: 1) the animal is physiologically stable, 2) analgesia is assured, and 3) the animal can lift its head and remain sternal.

% Gas = anesthetic vaporizer setting, HR = heart rate, RR = respiratory rate, Temp = body temperature, O₂ Sat = oxygen saturation. Optional monitored parameters: muscle tone, capillary refill time, urine output.

Time	% Gas	HR	RR	Temp	O ₂ Sat	Other (reflexes for acute exp)	Surgical Events	Comments/Additional Drugs	Initial

Summary:

Surgery start time: 1:35 Surgery end time: 2:30
 Surgeon: _____

Date 1-8-09 ID# cat 3

Exhibit AA

UW-Madison Animal Health Record

Mama Grey, a.k.a. "Cat 28"

ANIMAL HEALTH RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

Mama ~~Kitte~~ #28

UW ID# <u>03A1D8</u> ²⁸	USDA# <u>03A1D8</u>	DATE REC'D: <u>3-2-04</u>
SPECIES: <u>DSH</u>	STRAIN: <u>Feline</u>	VENDOR: <u>Blue</u> Class A dealer
BIRTHDATE: <u>5-23-03</u>	SEX: <u>F</u>	DESCRIPTION: <u>Grey</u>

Protocol Assignments

Date	Investigator	Protocol Number	Date	Investigator	Protocol Number
<u>3-2-04</u>					
<u>10-12-04</u>					

Weight Record

Date	Weight	Date	Weight	Date	Weight	Date	Weight
<u>9/8/04</u>	<u>2.1 #</u>	<u>4-18-07</u>	<u>2.8 kg</u>	<u>3/24/08</u>	<u>3.1 kg</u>		
<u>6/13/05</u>	<u>3.28 kg</u>	<u>6-14-07</u>	<u>2.8 kg</u>	<u>4/28/08</u>	<u>3.1 kg</u>		
<u>9/20/05</u>	<u>3.20 kg</u>	<u>7-16-07</u>	<u>2.9 kg</u>	<u>4/16/08</u>			
<u>4/19/06</u>	<u>2.7 kg</u>	<u>8-19-07</u>	<u>2.8 kg</u>	<u>1/18/08</u>	<u>3.4 kg</u>		
<u>9/28/06</u>	<u>2.5 kg</u>	<u>10/29/07</u>	<u>2.8 kg</u>	<u>8/26/08</u>	<u>3.6 kg</u>		
<u>12/11/06</u>	<u>3.04 kg</u>	<u>02/18/08</u>	<u>2.9 kg</u>				

Diagnostics Record

Date	Test	Result	Date	Test	Result
<u>6/13/05</u>	<u>Trim nails</u>				
<u>3/21/06</u>	<u>Trim nails</u>				
<u>8/25/08</u>	<u>wNL, see results</u>	<u>cbc, chem</u>			

Problem List

Problem #	Date Entered	Description of Problem	Date Resolved
1	<u>7-23-04</u>	<u>Selective + decreased appetite → constipation</u> <u>WRONG cat</u>	
2			
3			
4			

Final Disposition: See final disposition on pg 30 of treatment record Date: 9/15/08
 DENTAL ERROR 4/26/07

R0102

Exhibit BB

UW-Madison Treatment and Progress Record for Mama Grey

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cat '28 - "Mama Grey" SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
9-15-06	1:20pm	Applied Triple Antibiotic ointment w/ Dex to (R) eye as per [REDACTED] Continue through weekend SID as per [REDACTED]
9-16-06	8:30am	PT Topical Abx oph. ointment OD SID
9-17-06	8:30am	[REDACTED] " "
9-18-06	2:45pm	Topical Abx Oph ointment OD SID
9-19-06	9:00am	" "
9-20-06	9:00am	" "
9-21-06	8:00am	Topical Abx Oph Oint OD
9-22-06	12:20pm	" "
9-23-06	7:30am	Topical Oph. abx ointment OD
9-24-06	8:15am	" "
10-11-06		Nail trim [REDACTED]
4-18-07		PHYSICAL EXAM: (S) BAR (O) MILD DISCHARGE, CONJUNCTIVITIS (R) EYE. (A) THIN, BUT WNL. (P) CONTINUE [REDACTED] NORMAL MONITORING. WILL PRESCRIBE EYE DROPS (ANTIBIOTIC / ANTI INFLAMMATORY) FOR (R) EYE.) NAILS TRIMMED.
4-19-07		ANTIBIOTIC / DEXAMETHASONE OINTMENT IN (L) EYE SID + 5d am [REDACTED]
4/20/07		OINTMENT (R) EYE [REDACTED]
4/21/07	7:45am	Ophth. Abx ointment 1/4" strip OD
4/22/07	7:30am	Ophth. Abx /dexa 1/4" strip OD
4/23/07	800	NEOPOLYDEX APPLIED TO (R) EYE - SQUINTING (R) EYE.
4/24/07	750	NEOPOLYDEX APPLIED TO (R) EYE. THIRD EYELID SLIGHTLY ELEVATED.
4/25/07	820	SLIGHTLY SQUINTING RIGHT EYE, NO DISCHARGE OR REDNESS.
		DISCONTINUE NEOPOLYDEX PER [REDACTED]
6/12/07	800	NAILS TRIMMED. SQUINTING RIGHT EYE - NO DISCHARGE, REDNESS OR SWELLING. BATH.

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID#	CAT 2B MAMA GREY	SPECIES:	PELVINE	SEX:	F
Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)			
7-16-07	810	SQUINTING RIGHT EYE - NO DISCHARGE, REDNESS OR SWELLING OBSERVED. BACH.			
8-13-07	820	CONTINUOUS SQUINTING OF RIGHT EYE - NO DISCHARGE, SWELLING OR REDNESS OBSERVED. BACH.			
8-20-07	820	S/O: Reported for skin c back of head cap open. - 1cm triangular open lesion in the back of the head cap near midline. No discharge or swelling. Remainder of edges appear normal. Animal is QAR. A: suspect self trauma from scratching at head. Should granulate in without intervention, no evidence of infection. P: monitor site daily for evidence of infection.			
8-21-07	820	OPEN LESION ON BACK OF HEAD CAP HAS PURULENT DISCHARGE STRONG ODOUR. WILL CONTACT DVM FOR TX PLAN 1045 SWAB TAKEN OF OPEN SITE. AS PER [REDACTED] START ON 1ML CLAVAMOX PO BID X 7D [REDACTED]			
		3PM 1ML CLAVAMOX PO [REDACTED]			
8-22-07	830	1ML CLAVAMOX PO 6pm 1ml clavamox PO [REDACTED]			
8-23	806	1ml clavamox PO [REDACTED]			
8-23	6pm	1ml clavamox PO [REDACTED]			
8-24	803	1ml clavamox PO, NO APPARENT DISCHARGE FROM WOUND EDGE, SOME ODEA FROM WOUND. [REDACTED]			
		6pm 1ml clavamox PO [REDACTED]			
8-25	8am	1ml clavamox PO [REDACTED] ✓ CULTURE + SENSITIVITY RESULTS 3:45pm 1ml clavamox PO [REDACTED] INDICATE ORGANISMS SENSITIVE TO CLAVAMOX			
8-26	9:05am	1ml clavamox PO [REDACTED]			
	3pm	1ml clavamox PO [REDACTED]			
8-27	840 am	S/O: No discharge from wound, area is dry, wound has contracted down some. QAR. A: healing well. P: administered 1ml Clavamox, return to normal. [REDACTED]			
8-28-07	1050	Per 1PM) - continue antibiotics for 3 more days [REDACTED] 1ml clavamox PO [REDACTED]			

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cut-28 mammal - gray SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8-18-07	5:00pm	1ml clavamox PO [REDACTED]
8-29-07	8:00A	1ml clavamox PO [REDACTED]
	2:55A	1ml clavamox PO [REDACTED]
B-30-07	745	62.5 mg CLAVAMOX GMEN PO. SMALL SCABBED WOUND AT CAUDAL END OF HEADCAP MARGIN - DRY, NO DISCHARGE. NO NOTICABLE OGYL. BAR. [REDACTED]
	5:00	1ml clavamox PO [REDACTED]
B-31-07	7:30	SMALL SCABBED WOUND CAUDAL END OF HEAD CAP MARGIN - DRY NO DISCHARGE. BAR. AS PER [REDACTED] RTN [REDACTED]
9-28-07	11am	APPEARS NORMAL, BARK [REDACTED]
10/01/07		SEMI-ANNUAL PT: (S)BAR (O) THIN AS PER PROTOCOL, BODY CONDITION WNL. HEAD CAP MARGINS OIC. (P) WNL (F) NORMAL HUSBANDLY [REDACTED] DVM
11/27/07	7:15	CLEAR DISCHARGE FROM RIGHT EYE - NO ACTION AT THIS TIME. OTHERWISE APPEARS NORMAL. [REDACTED]
12-24-07	9:20	Appears normal BAR. [REDACTED] ✓ DVM
1-15-08		WNL - [REDACTED] DVM
1-31-08	2:00pm	(R) EYE - MODERATE PURULENT DISCHARGE. (P) APPLY ANTI-BIOTIC OPHTHALMIC OINTMENT (NO STEROID) TO (R) EYE BID X 5d., THEN RE-ASSESS.
	1-31-08 pm	[REDACTED]
2-1-08	8:30	TAO applied to (R) eye at am treatment [REDACTED]
2-1-08	3:00pm	TAO applied to R eye. [REDACTED]
2-2-08	8:45	TAO applied to (R) eye. [REDACTED]
2-2-08	4:10pm	TAO applied to (R) eye. [REDACTED]
2-3-08	8:30	TAO APPLIED TO RIGHT EYE. SQUINTING, NO DISCHARGE. [REDACTED]
2/3/08	3:50pm	TAO applied to right eye. [REDACTED]
2/4/08	8:45am	TAO applied to (R), clear discharge noted. [REDACTED] CONTINUE OINTMENT TODAY & TOMORROW THEN DISCONTINUE [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cat 28 *Maurus gray* SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
02-04-08	2:30pm	Applied TAO in OD by [REDACTED]
2/5/08	7:44	TAO applied to right eye [REDACTED]
	1535	TAO APPLIED TO RIGHT EYE [REDACTED] DOING WELL. DISCONTINUE MEDICATION. DVM
2/12/08	8:15	Nails trimmed, appears normal. BAR [REDACTED]
3/24/08	1015	SQUINTING RIGHT EYE - NO DISCHARGE, SWELLING OR REDNESS. ACTIVE, BAR [REDACTED]
3/25/08	1030	Small amounts dried discharge, back of head cop BAR + interactive. Eyes slightly squinted with prominent 3rd eyelid - no swelling or discharge. Weight OK. A: WNL.
		P: No action indicated. DVM.
4/3/08		(③) BAR (②) MILD SQUINTING / EYE DISCHARGE. LAB REPORTS EYE FOIDS MAY HAVE BEEN PULLED OUT. (①) MILD INFECTION/IRRITATION (①) ANTIBIOTIC OPHTHALMIC OINTMENT TO BOTH EYES BID. WILL RE-EVALUATE TOMORROW, pm EYE OINTMENT X [REDACTED] DVM
4/4/08		AM OINTMENT X [REDACTED] DVM
		(①) CONTINUE MEOS THROUGH 4/6 DVM
4/14/08	15:30	TAO applied to both eyes. [REDACTED]
4/15/08	7:30	TAO applied to both eyes. No discharge or redness apparent. [REDACTED]
	3:35P	TAO applied to both eyes, both eyes squinted + 3rd eyelid prominent on L eye. [REDACTED]
4/16/08	9:45	TAO applied to both eyes, both eyes squinted with watery discharge. BAR [REDACTED]
4/16/08	16:40	TAO applied to both eyes. Both eyes appear squinted with watery discharge. BAR [REDACTED]
4/17/08	8:10am	TAO applied to both eyes, no discharge. BAR [REDACTED]

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# CAT 28 Mammal Gray SPECIES: FELINE SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6/17/08	8:05	TAO applied to right eye and 0.07ml Ketoprofen given IM. Right eye looks better, still squinted, small portion of eyeball is visible. Animal has normal feces and urine. Appear active. BAR.
	17:25	TAO applied to right eye. Same as this morning. Animal is eating well and active. BAR.
6/18/08	9:05	0.07 ml Ketoprofen given IM and TAO applied to right eye. Right eye more squinted. Vomit containing food in cage, small amount. Animal is active and BAR.
	17:20	TAO applied to right eye. Right eye squinted shut. Observed animal rubbing right eye with paw. Otherwise active, eating and drinking well.
6/19/08	8:45 A	S/O: BAR, no new vomit. Eye remains mostly squinted closed, blepharospasm, nictitating membrane continues to cover most of eye. A: no significant improvement. P: Extend ketoprofen through today, 0.07 ml Ketoprofen given IM. Continue TAO - applied to R eye. Plan to attempt to stain + recheck later this AM. 10:00 AM.
	15:20	S/O: BAR, interactive once mt. Urine in box, has been in box part of day. Restrained, placed 2 drops proconan in R eye - More willing to open eye. Stained - limited view but doesn't appear worse. Eagerly ate food when returned. A: Attitude OK, eye slightly better when topical analgesic applied, corneal abrasion stable.
		P: applied TAO ophthalmic to R eye. Recheck LSO. 10:00 AM

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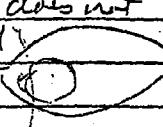
TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Cat 28 Mammal Gray

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6-10-8	8:30 S10	BTR eating, OD-Blephospasm - ↓ mucous discharge. placed in bag for restraint - Proparacaine A Fluorescein dye - difficult to assess as does not appreciate ocular handling. ^{initially} could not assess for corneal flap. ^{now}  more debris.
	P	Conf. Opth Ab's B10 8 am Contact Jard and next possible sedation. consult w/ ophth. at CVM. [REDACTED] DVM
	15:15	TAD ophthalmic applied OD. [REDACTED] DVM.
6-11-08	8:30	0.07ml Ketoprofen given IM and TAD applied to right eye. Right eye squinted, partially open. Normal urine and feces. Animal is active, BTR.
	15:35	TAD applied to right eye. Eating well and active. BTR.
6-12-8	8 am	OD-partially closed. No exam. Ketoprofen 0.07 ml IM applied topical Opth. Ab. Normal urin/stool. Consulting [REDACTED] DVM (Cophth) suggested topical Atropine for discomfort.
		Plan - continue eye oint B10, Discontinue Ketoprofen, 6/14 start topical Atropine oint (SD); not until 8:30 am. [REDACTED] DVM
	15:45	S10: BTR, resting, holding Eye in 1/3 1/2 gaze. A: improving, suspect less painful. P: Administered TAD ophthalmic to OD. Sedative. [REDACTED] DVM
6-13-8	8:30	S10 BTR, eye as above 15:45. A: applied proparacaine & fluorescein. Unable to adequately assess lesion. SD (D) Continue Ab's B10 & S10 Atropine. [REDACTED] DVM
	11:30	Atropine applied. [REDACTED] DVM

(1) Incorrect date entry.

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20100921 - 000233

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Mama Grey "Cat 28" SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6/13/08 (cont.)		Plan - BID TAO S10 Atropine (am & pm). DVM
14/25		TAO APPLIED TO RIGHT EYE, STILL SQUINTING EYE.
6-14-08	8:15A	TAO applied OD, Atropine eye ointment applied OD, squinting eye. BTR otherwise.
	4:40p	TAO applied OD
6-15-08	8:30A	TAO + Atropine eye ointment applied OD, still squinting eye.
	8:15p	TAO applied OD. Cat still holding eye closed. Some mucoid discharge noted from eye
6-16-08	8:10A	S10 BTR. feces ok. Holding OD kids closed. APP - Corneal ulcer. Need to recheck & evaluate fluorescein. Contact lab regarding plan for cat.
		Continue BID TAO S10 Atropine - applied am - DVM
8:30		Take lab sample. Will recheck this aft. to examine eye.
①	13153 14153	0.15 ml Domitor (Medetomidine) + 0.18 ml Ketamine 1m
	14:15	Exam - OS - WNL 14:05 small pustule OD - lesion is smaller. nevuscularization area edge upth. and appears to be healing.
		Plan: Continue BID TAO (No steroid)
		S10 Atropine ointment
		S10 Ketoprofen 0.07ml AM through 6/20.
	17/12	
	15/12	0.15 ml atropine 1m (S)
	14/28	
	15/08	sternal in org.
	14:55	walking. Retinell & gear DVM
6-17-08	7:30	TAO ophthalmic + atropine ointment applied to OD. DVM
	15:40	TAO ophthalmic applied to right eye and 0.17ml Ketoprofen given SQ. Animal is active. BTR.
6-18-08	8:30	TAO ophthalmic and atropine eye ointment applied to OD. OD squinted, mild discharge. normal feces and urine. Animal is active, BTR.

① Whiting era - corrected
DVM

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20100921 - 000231

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
 University of Wisconsin Medical School
 Madison, WI 53792

ID# Mamma Grey "Rat 28" SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6/18/08	11:20	Nails trimmed.
	1518	TAO applied to OD. 7mg Ketoprofen SQ. [REDACTED]
6/19/08	8:15	TAO ophthalmic applied to right eye and atropine ointment applied to right eye. Right eye squinted. Appears to be eating and drinking well. Active and B/A/R.
	1545	TAO applied to DD. 7mg ketoprofen SQ. [REDACTED] Am.
6/20/08	9:00	TAO applied to OD and Atropine ointment applied to OD. Eye squinted, mild discharge. Eating/drinking well. Active and B/A/R.
	1610	TAO applied to OD + 7mg Ketoprofen SQ, PI. Discontinue ketoprofen as previously mentioned (lila). Continue TAO ophthalmic. BD + atropine ophthalmic SID. [REDACTED] Am.
6/21/08	8:00 A	TAO ophthalmic applied to right eye, and Atropine ophthalmic applied to right eye. Animal slightly lethargic but discharge in eye yellow in color. Eye squinted but still able to open [REDACTED]
6/21/08	8:30 P.	active and eating, no discharge observed in eye gave TAO ophthalmic topically [REDACTED]
6/22/08	9:15 A	no discharge, gave atropine ophthalmic and TAO ophthalmic topically [REDACTED]
6/22/08	4:00 P	yellow discharge in eye. applied TAO ophthalmic topically [REDACTED]
6-23-08	8:30 am	No menses still. Holding head down more now and panting. No discharge noted. Applied TAO. Hold on atropine. R/r eye visually fine pm. Possible step [REDACTED] Am
6/23/08	15:20	TAO ophthalmic applied to OD. Holds open eyesed more. Animal is active, eating and drinking well. B/A/R [REDACTED]

TREATMENT AND PROGRESS RECORD

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ID# Mamma Grey "CAT28" SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
6/24/08	8:20	TAO ophthalmic applied to Right eye. Eye more open. Animal is eating/drinkng well. Active, BAR.
	3:30	TAO / Atropine applied OD - 0.010M NPO from subcut. Subcut to OS ear at corner.
6/25/08		Doxitro 0.09 ml / Ketamine 0.17 ml IM. Neg - Fluorescein, mild vascularization. Discontinue Atropine. Per lab apply TAO + Sterile SIP to V edema of corner. Dose
	9:30	Doxitro 0.09 ml / Ketamine 0.17 ml IM. Neg - Fluorescein, mild vascularization.
	5:40	0.05 ml Atropine IM
	9:50	Return to cage - Ambulatory.
	10:00	Eating: Dose
	10:20	Btl. moist bedding. Holly eyes open. Alert responsive. Dose
7/24/08	8:40	Animal has vomit containing food next to litter box in cage. Animal is eating well, active, and BAR.
8/4/08	8:45AM	Sm.Amt vomit containing food found in cage; Eating well, Active, BAR
8/5/08	8:40am	Sm.Amt vomit containing food in cage; Active, BAR
8/7/08	8:50	Vomit, containing food in cage. Animal is active, eating and drinking normally. Dose
8/10/08	9:00	Vomit containing food in cage. Animal appears to be eating well. Active and BAR.
8/11/08	8:30	Vomit containing food in cage. Animal is active and BAR.
8/22/08	9:05	Vomit containing food and small amount of hair clump. Half of food left in dish. Normal feces in litter pan, normal urino. Active and BAR.
	8:15	SD: BAR, most of food remains, large pile of food with a clump of hair in cage. Weight per lab's record has

TREATMENT AND PROGRESS RECORD

Laboratory Animal Resources
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 Madison, WI 53792

ID# Mammal Group Cat 28

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8-22-08	Cont	been stale. Abdominal palpation: abdomen tense, but appears have some distended/gas filled intestines. Began eating food after palpation. Normal feces were present. A: possible abdominal palpation, attitude + weight good. P: Repeat palpation today. Consider blood work or imaging based on results. Monitor for persistence of vomiting. [REDACTED] DVM.
10/4/08		rr palpation - concurrent/diagnosis above. If persists - do baseline bloodwork. After investigate alternate food for enteral colic. [REDACTED] DVM.
8/23/08	9:45	Vomit containing food in cage; one pile, small amount. Normal feces. Most of food in dish consumed, 4-5 pieces left - unbroken. Animal is active; BAPR [REDACTED]
8/25/08	10:40 AM	P: [REDACTED] Blood drawn RT Jugular, for CBC & chem panel, Eye cytology (RT) all results pending [REDACTED]
8/26/08	8:10	QAPL. Food dish nearly empty (3-4 pieces left). Normal feces in pan. Abdomen distended. Palpation difficult due to motion of cat, possibly discomfort. Palpate fluid-filled (?) rounded soft structure cranial mediot & ventral Q lateral. Slight diarrhea. Still pending. Please TPR & record weight. MU will contact lab regarding transmittal & CPM for abdominal radiographs. [REDACTED] DVM
8/26/08	8:30 AM	T: 100.4°F P: 180 RR: purring; Nails were trimmed 8/25/08 [REDACTED] OD conjunctival cytology: Segmented neutrophils - 20/61; cocci bacteria - moderate amount; occasional macrophage; small and confluent non-confluent epithelial cells. Per [REDACTED] apply neo poly dextrose ophthalmic ointment BID. [REDACTED] → 7-10 day [REDACTED]
	3:15pm	Apply w/4 mm strip neo poly dext ointment to Right eye, SAR [REDACTED]

TREATMENT AND PROGRESS RECORD

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ID# Mama Gray Cat #28 SPECIES: Feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
8/27/08	8:30am	Applied neopolydex ointment to right eye; QAR I lying in corner, abdomen distended [REDACTED] CBC: Serum Chemistry results all normal, see attached [REDACTED]
	9:00	Transport to CVM for digital abdominal exam. Initial review: descending colon displaced medially. Transverse colon displaced cranially by diffuse submucosal soft tissue opacity consistent w/ distended small intestine. ① Enterocolitis 1x1 mm caecal pole biliary theory. Consider w/ incidental kidney stones. Will review image funduscopic. Initial BTR: H. & L. mostly, disorder, obstructive disease neoplasia, open. Plan - contact lab staff. [REDACTED] [REDACTED]
	9:40	Return to cage.
8/28/08	8:00	Applied neopolydex ointment to Right eye, BAE, sitting in corner of cage, abdomen distended [REDACTED] 3.62 kg QAR. Allowed abdominal palpation. Approximately 10% - painful. Colon palpates empty. Fair amt stool in rectum. Food digest empty. Currently housed with "Sissy". Communication w/ lab staff regarding differential diagnosis of mechanical issue due to neoplasia, fib., adhesions, intussusception. Offered laparotomy / biopsy. P.I. declined. Per. monitor 2x/week for weight change, eating/pooping, attitude, etc. [REDACTED] [REDACTED]
		Handed prognosis. P.I. cat is not on study and euthanasia pending.
15.15		Applied neopolydex ophthalmic ointment to right eye, noticed decrease in green/yellow discharge, BAE [REDACTED]
8/29/08	8:30	Applied neopolydex ophthalmic ointment to right eye, BAE Active, no vomit in cage, normal urine, stool in cage - part housed with "Sissy" 2:00 pm. Brief ultrasound. Cat reacted poorly restraint. Tried with her standing. Bladder small. Multiple thickened bowel loops (identified mesocolic/serosal layers) w/ soft tissue growth

① Conclusion: Peritonitis are digitally enhanced adhesions of nipples. [REDACTED] [REDACTED]

TREATMENT AND PROGRESS RECORD

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ID# Mama Grey Cat #28 SPECIES: feline SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
		liver - hepatomegaly. stomach - full/filled i.d. (?) kidney. Pictures to be sent for WPC.
		OD - corneal stain (+) Signer: [initials] to topical Ati (steroid) [initials]
		Plan: communicate w/ lab staff again regards prognosis. Monitor feces, vomiting, eating, drinking.
8/30/08	3pm	Abd. palpable thickened, non-painful. Take heat reading. [initials]
8/30/08	7:30AM	normal feces and urine. Resting in cage. Applied TAO ophthalmic in right eye. [initials]
8/31/08	9:50	TAO APPLIED TO RIGHT EYE. ABDOMEN DISTENDED. EATING AND DRINKING WELL. NORMAL STOOL IN LITTER BOX. ACTIVE, BAR
9/1/08	8:30A	TAO applied to right eye. LITTER Box already cleaned today as well as fresh water and food. Resting comfortably in cage. Nothing abdominal reported by Carestaff. [initials]
9/2/08	8:40	TAO ophthalmic applied to right eye - Eye open, no discharge. Normal feces and urine in pan. Active and BAR. [initials]
	(3.6kg) 7:00	Subjectively, abd. Palpable smaller. Can still palpate tubular structures. Abdomen WNL. Haircut good. Plan continue as needed for eating / toilet / urin. Communication w/ PI. [initials] OVN
	3:30P	TAO ophthalmic applied OD; BAR
9.3.08	9:15A	TAO applied to OD; Eye is slightly squinted with small moist, thick, brown discharge; small amounts regurgitated in cage; BAR. Normal urine & feces in pan. [initials]
	3pm	Both. Resting comfortably. Abd. palpation - no gas or pain response, abdomen WNL. Have contacted [initials] regarding euthanasia necessary, time honored. [initials] OVN
	3:15P	TAO applied to OD
9.4.08	9:30A	TAO applied to OD; normal feces & urine; small amounts

TREATMENT AND PROGRESS RECORD

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ID# Mama Grey #28

SPECIES: Feline

SEX: F

Date	Problem#	Symptoms, Diagnosis, Treatment (use S.O.A.P. System and sign each entry)
9-4-08	cont.	seen watery regurgitate in cage; no discharge noted in OT today; RAN: Active [REDACTED]
300p		TAD applied to OT; QAR [REDACTED] NPO overnight [REDACTED] am
9-5-08		Sedate for transport to RTAC path for euth. and tissue harvest - Dr. [REDACTED] - small intestine biopsy
9:30		Ketamine 0.17 cc Donistil 0.1 cc IM.

Final Disposition (Please answer all questions below)

FOR INVESTIGATOR USE

What was the animal euthanized with (include dosage and route of administration)?

2 cc Pentobarb sodium (50mg/ml) IV.

Reason for Euthanasia:

 End of Study Per Protocol Other (please explain): Tissue harvest by [REDACTED] PhD - small intestine

Was the animal submitted for Necropsy? Yes (Veterinary staff will attach to record)

Date 9/5/08

Sign [REDACTED] DVM

FOR VETSTAFF USE

 Check and initial when necropsy is completed and attached