

Report Start Date
1/1/1900

Specimen Report for GREENVISC / 880002

Report End Date
7/2/2008

Taxonomic name: *Loxodonta africana*

Family: Elephantidae

Common name: African elephant

Order: Proboscidea

Current information

Sex: Female Sire ID:
Birth type: Wild Born Dam ID:
Birth Location: Rearing: Unknown
Birthdate-Age: ~ 1970 - ~38Y Hybrid: Not a hybrid
Time since last Acq: 9Y,4M,4D as of report end date

<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>
10 Jan 1977	Purchase from FERNDALE / UNK	GREENVISC / 880002	Loan Out to COLUMBIA / SJ1773	26 Jun 1997
1 Mar 1999	Loan Returned to Us COLUMBIA / SJ1773	GREENVISC / 880002		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>
12 Jan 1970	House Name	JONI	
6 Aug 1988	Old Accession #	M13	

<u>Date</u>	<u>Type</u>	<u>Value</u>	<u>Units</u>	
30 Dec 2002	live animal weight	8800.0	pound	[12:00:00 PM]
30 Jun 2004	shoulder height	100	inch	
30 Jun 2004	live animal weight	7850	pound	
29 Jun 2005	live animal weight	8200	pound	
28 Jun 2006	live animal weight	8300	pound	
28 Sep 2007	live animal weight	8000	pound	

22 Jun 2007	Medical procedure	Trunk wash samples collected.
25 Jun 2007	Medical procedure	Sent trunk wash samples to USDA-AHIS-VS in Aimes, Ia.
5 Jul 2007	Foot management	Koppertox applied to all nails with cracks.
9 Jul 2007	Foot management	Koppertox applied to all nails with cracks.
10 Jul 2007	Foot management	Koppertox applied to all nails with cracks daily until 7/19.
11 Jul 2007	Fecal check/worming	Bi-annual(2): Negative.
4 Aug 2007	Medical observation	Right eye cloudy near bottom. Sample taken for culture. Started 0.2ml ciprofloxacin ophthalmic solution TO TID for 10 days.
13 Aug 2007	Medical treatment	Right eye looks normal, last day of meds.
15 Aug 2007	Foot management	Footwork done on both rear feet
12 Sep 2007	Foot management	Footwork done on both front feet.
1 Oct 2007	Medical observation	Right eye cloudy and weeping. Blood collected and sent to Antech.
2 Oct 2007	Medical observation	Right eye more cloudy and increased drainage. Started 1-2ml Cipro BID UFN,stopped Terramycin.
4 Oct 2007	Medical observation	Eye looks better.
6 Oct 2007	Medical observation	Eye looks better.
9 Oct 2007	Medical treatment	Continue cipro BID for 7 more days per Dr. Miller.
14 Oct 2007	Medical observation	Right eye very runny and cloudy in a.m.
15 Oct 2007	Medical treatment	Cipro and Terramycin changed to TID.
15 Oct 2007	Foot management	Koppertox applied to all nails.
18 Oct 2007	Medical observation	Runny right eye.
19 Oct 2007	Medical observation	Runny right eye.
19 Oct 2007	Foot management	Koppertox applied to nails.
22 Oct 2007	Medical treatment	Also giving Flurbiprofen BID.
26 Oct 2007	Medical observation	Right eye less drainage but still very cloudy.
28 Oct 2007	Medical observation	Eye still draining and cloudy.
30 Oct 2007	Medical treatment	Discontinued Flurbiprofen, still getting cipro and terramycin TID.
31 Oct 2007	Medical observation	Some drainage from right eye, cloudiness gone.
1 Nov 2007	Medical observation	Some drainage, eye looking much better.
3 Nov 2007	Medical observation	Less drainage from right eye.
7 Nov 2007	Aggression	Aggression towards keeper after feet cleaning.
8 Nov 2007	Medical observation	Right eye looks better, still on meds.
19 Dec 2007	Foot management	Footwork done on rear left foot.
20 Dec 2007	Foot management	Koppertox applied to all nails.
16 Jan 2008	Fecal check/worming	Bi-annual(1): Negative.

<u>Date</u>	<u>Enclosure</u>	
10 Jan 1977	AFRICA	[12:00:00 PM] EXHIBIT
26 Jun 1997	REMOVED	[12:00:00 PM] Loan
1 Mar 1999	AFRICA	[12:00:00 PM] SHE'S BACK

<u>Date</u>	<u>Sex</u>
10 Jan 1977	Female

<u>Date</u>	<u>Rearing</u>
10 Jan 1977	Unknown

Medical History Report - Summary for Individual Specimen

□(s3B
□(s0B

GREENVILLE ZOO

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  □(s1SLOXODONTA AFRICANA (no subsp)      □(s0S   Sex: Female           Acc. #:
880002
  □(s3BAfrican elephant                  □(s0B   Age: 38Y Est.         Birth:
12.Jan.1970
  Name: JONI
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□(s3B.....2007...□(s0B
  5.Jul Clinical note recorded. (CLP)
  9.Jul Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
        NO PARASITES SEEN
        Clinical note recorded. (CLP)
  10.Jul Clinical note recorded. (CLP)
  11.Jul Clinical note recorded. (CLP)
  12.Jul Clinical note recorded. (CLP)
  16.Jul Clinical note recorded. (CLP)
  17.Jul Clinical note recorded. (CLP)
  19.Jul Clinical note recorded. (CLP)

  4.Aug Purpose/Problem: Conjunctivitis
        RX: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.7000mg subconjunctivally TID
           for 10 days.
        Clinical note recorded. (CLP)
        Clinical note recorded. (JSH)
  7.Aug Clinical note recorded. (CLP)
  23.Aug Clinical note recorded. (CLP)

  1.Oct Blood sample: (EDTA) ( 9:30.0) Hematology/Chemistry/Serology results.
        WBC:10.90 *10^3/UL; HCT: 36.5%; BUN:17 MG/DL;
        Hemolysis
        Purpose/Problem: Corneal edema and Conjunctivitis
        RX: OXYTETRACYCLINE HYDROCHLORIDE 0.25in subconjunctivally TID for 4
           doses. (.000 in/kg)
        Clinical note recorded. (HCM)
                                           Weight: 3630 Kg ( 8001 Lb)
  2.Oct Purpose/Problem: Corneal edema and conjunctivitis
        RX: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250mg subconjunctivally BID
           for 13 days.
        Clinical note recorded. (CLP)
        Clinical note recorded. (HCM)
  9.Oct Clinical note recorded. (CLP)
  15.Oct Purpose/Problem: Corneal edema and conjunctivitis
        RX: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250mg subconjunctivally TID
           for 16 days.
           OXYTETRACYCLINE HYDROCHLORIDE 1.0cm subconjunctivally TID for 20
           days.
        Clinical note recorded. (HCM)
  16.Oct Fluid sample analysis results:
        Purpose/Problem: Inflammation of third eyelid
        RX: FLURBIPROFEN 0.0450mg subconjunctivally BID for 7 days. (.012
           mcg/kg)
        Clinical note recorded. (HCM)

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Printed on: 2.Jul.2008
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□(s3B
□(s0B

Medical History Report - Summary for Individual Specimen

GREENVILLE ZOO

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=====
□(s1SLOXODONTA AFRICANA (no subsp)   □(s0S   Sex: Female           Acc. #:
880002
□(s3BAfrican elephant                 □(s0B   Age: 38Y Est.           Birth:
12.Jan.1970
Name: JONI
=====

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□(s3B.....2007...□(s0B
30.Oct Clinical note recorded. (CLP)
31.Oct Purpose/Problem: Corneal Edema and Conjunctivitis
      Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250mg subconjunctivally TID
      for 14 days.
      Clinical note recorded. (HCM)

6.Nov Clinical note recorded. (CLP)
13.Nov Purpose/Problem: Corneal edema and conjunctivitis
      Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250mg subconjunctivally BID
      for 7 days.
      Clinical note recorded. (HCM)
14.Nov Purpose/Problem: Corneal Edema and Conjunctivitis
      Rx: OXYTETRACYCLINE HYDROCHLORIDE 1.0cm subconjunctivally BID for 7
      days.
      Clinical note recorded. (HCM)

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□(s3B.....2008...□(s0B
15.Jan Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
      NO PARASITES SEEN

21.Mar Clinical note recorded. (CLP)
22.Mar Clinical note recorded. (CLP)
23.Mar Purpose/Problem: OD Conjunctivitis/Uveitis/Keratitis
      Rx: FLURBIPROFEN 0.0450mg subconjunctivally BID for 7 days.
      Clinical note recorded. (JSH)

1.Apr Clinical note recorded. (CLP)
2.Apr Blood sample: (10:00.0) Hematology/Chemistry/Serology results.
      Clinical note recorded. (CLP)
6.Apr Clinical note recorded. (CLP)
30.Apr Blood sample: (15:00.0) Hematology/Chemistry/Serology results.

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□(s1SLOXODONTA AFRICANA (no subsp)      □(s0S   Sex: Female           Acc. #:
880002
□(s3BAfrican elephant                    □(s0B   Age: 38Y Est.           Birth:
12.Jan.1970
Name: JONI
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□(s3BClinical Note:
5.Jul.2007□(s0B
Koppertox applied to all nails. (CLP)
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□&d@

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□(s3BClinical Note:
9.Jul.2007□(s0B
Koppertox applied to crack on center nail, left hind in am and pm. (CLP)
□&d0D
□&d@

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□(s3BSubmission Data >>□(s0B                               Sample id.:
2007-0316
Type: Fecal sample                                         Date collected:
□(s3B9.Jul.2007□(s0B                                         Collected by: WB
Purpose: ROUTINE EXAMINATION
Enclosure: AFRICA
□(s3BCollected from:□(s0B
From an individual specimen.
□(s3BExamination Data >>□(s0B                               Date examined: 9.Jul.2007
Storage: room temperature                                   by: WB
Consistency: Not specified
Gross appearance: Typical
□(s3BTests & Results >>□(s0B
FLOATATION - ZINC SULFATE      NO PARASITES SEEN

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□&d0D
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□(s3BClinical Note:
10.Jul.2007□(s0B
Koppertox applied to crack on center nail, left hind. (CLP)
□&d0D
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□(s3BClinical Note:
11.Jul.2007□(s0B
Koppertox applied to crack on center nail, left hind. (CLP)
□&d0D
□&d@

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□(s3BClinical Note:
12.Jul.2007□(s0B
Koppertox applied to crack on center nail, left hind. (CLP)
□&d0D
□&d@

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Printed on: 2.Jul.2008
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(s1SLOXODONTA AFRICANA (no subsp)      (s0S   Sex: Female           Acc. #:
880002
(s3BAfrican elephant                    (s0B   Age: 38Y Est.           Birth:
12.Jan.1970
Name: JONI
=====
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(s3BClinical Note:
 16.Jul.2007(s0B
 Koppertox applied to crack on center nail, left hind. (CLP)
 (d0D
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(s3BClinical Note:
 17.Jul.2007(s0B
 Footwork done on both front feet. Koppertox applied to all front
 nails. (CLP)
 (d0D
 (d@

(s3BClinical Note:
 19.Jul.2007(s0B
 Koppertox applied to all nails. (CLP)
 (d0D
 (d@

(s3BClinical Note:
 4.Aug.2007(s0B
 S - H/O drainage OD.
 O - Foamy white drainage, corneal opacity ventral cornea. Exam brief
 at best. Fluorescein stain - negative. Possible conjunctival
 swelling.
 A - R/O bacterial conjunctivitis, fungal conjunctivitis, corneal ulcer.
 P - Conjunctival culture - pending. Begin Cipro ophthalmic TID OD due
 to H/O sensitivity with previous treatment. JS Hovis, DVM (CLP)
 (d0D
 (d@

(s3BClinical Note:
 4.Aug.2007(s0B
 Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.7000 mg subconjunctivally TID
 for 10 days. (702282) (JSH)
 (d0D
 (d@

(s3BPurpose:(s0B Conjunctivitis

Prescription Data >> Starting date:
 4.Aug.2007
 Drug: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.7000 mg
 subconjunctiv
 Formulation: 3.50 mg/ml liquid Bottle/Lot #: 702282
 Prescribed by: JSH (4.Aug.2007) Filled by: JSH (4.Aug.2007)
 Treatment weight: 3766 kg
 Clinical response to treatment: Excellent

Daily Treatment Notes >>
 Date Time Success By Comments
 4.Aug.2007 12:20 100% CD
 4.Aug.2007 16:45 100% CD
 5.Aug.2007 08:20 100% CLP
 5.Aug.2007 11:30 100% CLP
 5.Aug.2007 16:30 100% CLP
 6.Aug.2007 08:44 100% JR
 6.Aug.2007 13:00 100% JR

Printed on: 2.Jul.2008
 ISIS/MedARKS/5.53

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Medical History Report - Individual Specimen
 GREENVILLE ZOO

SLOXODONTA AFRICANA (no subsp) Sex: Female Acc. #: 880002
 African elephant Age: 38Y Est. Birth: 12.Jan.1970
 Name: JONI

Prescription Record (continued):
 6.Aug.2007 16:40 100% JR
 7.Aug.2007 09:00 100% JR
 7.Aug.2007 13:00 100% JR
 7.Aug.2007 16:40 100% JR
 8.Aug.2007 08:15 100% JR
 8.Aug.2007 12:00 100% CD
 8.Aug.2007 16:45 100% JR
 9.Aug.2007 09:30 100% JR
 9.Aug.2007 13:00 100% JR
 9.Aug.2007 16:40 100% JR
 10.Aug.2007 08:30 100% JR
 10.Aug.2007 13:00 100% CD
 10.Aug.2007 16:40 100% JR
 11.Aug.2007 08:30 100% CD
 11.Aug.2007 12:00 100% CD
 11.Aug.2007 16:30 100% CD
 12.Aug.2007 08:30 100% ALF
 12.Aug.2007 14:00 100% ALF
 12.Aug.2007 16:40 100% ALF
 13.Aug.2007 09:00 100% JR
 13.Aug.2007 12:45 100% CLP
 13.Aug.2007 16:40 100% JR

Printed on: 2.Jul.2008
□(s3B/ISIS/MedARKS/5.53□(s0B
□

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□(s1SLOXODONTA AFRICANA (no subsp) □(s0S Sex: Female Acc. #:
880002
□(s3BAfrican elephant □(s0B Age: 38Y Est. Birth:
12.Jan.1970
Name: JONI
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□(s3BClinical Note:

7.Aug.2007□(s0B

Problem 1

S - Previous discharge OD and mild conjunctivitis.

O - Today the conjunctiva appears normal and there is minimal keratitis and corneal edema present ventrally.

A - Resolving corneal infection. (Do elephants get recurrent uveitis?)

P - Continue Cipro for the entire 10 day course. Research ele's & moonblindness.

Problem 2

S - Joni has been pruritic recently and creates sores on her skin.

O - Mild multifocal excoriations present approx 1.5 cm round, ulcerated in the center on her legs in 3-4 locations and 1 on her left shoulder, another located around the caudal tail fold.

A - Insect bite hypersensitivity, bacterial, fungal.

P - Malaseb spray BID for 7 days and recheck.

HC Miller, DVM (CLP)

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□(s3BClinical Note:

23.Aug.2007□(s0B

Tb Results from NVSL: Trunk wash samples taken on 06/20, 06/21 & 06/22 submitted on 06/26/07 - all negative for Mycobacteria - no isolation made. (CLP)

□&d0D

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□(s3BClinical Note:

1.Oct.2007 (s0B
RX: OXYTETRACYCLINE HYDROCHLORIDE 0.25 in subconjunctivally TID for 4
doses. (N30) (HCM)
&d0D
&d@

Printed on: 2.Jul.2008
(s3B/ISIS/MedARKS/5.53(s0B
(s3B

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(s3B Clinical Pathology Records - Specimen Report
(s0B

GREENVILLE ZOO

(s1SLOXODONTA AFRICANA (no subsp) (s0S Sex: Female Acc. #: 880002
(s3BAfrican elephant (s0B Age: 38Y Est. Birth: 12.Jan.1970
Name: JONI

(s3BCollection Information >>(s0B Date of Collection:(s3B
1.Oct.2007(s0B
Health Status: Abnormal Time of Collection: 9:30.0
Fasting Time: < 8 hours Collected by: JR
Activity: Calm Sample Collection Site: EAR VEIN
Weight: 3630 Kg on 1.Oct.2007
Manual restraint used.

(s3BHematology >>(s0B Laboratory:
(s3BAnalysis Information >>(s0B
(s3BANTECH(s0B Date of Analysis:
Anticoagulant: EDTA
(s3B2.Oct.2007(s0B Time of Analysis:
Storage: Refrigerated (<48 hours) Analysis by:
Sample Quality: No quality problems. Automated analysis.

(s3B Tests and Results >>
(s0B

WHITE BLOOD CELL COUNT	10.9	*10 ³ /UL
RED BLOOD CELL COUNT	3.15	*10 ⁶ /UL
HEMOGLOBIN	13.9	GM/DL
HEMATOCRIT	36.5	%

ELEPHANT.TXT			
MCV	<	116	fL
MCH		44.1	uug
MCHC	>	38.1	gm/dL
SEGMENTED NEUTROPHILS		30	(3.270) % (*10^3/UL)
NEUTROPHILIC BANDS	<	0	% (*10^3/UL)
LYMPHOCYTES		40	(4.360) % (*10^3/UL)
MONOCYTES		27	(2.943) % (*10^3/UL)
EOSINOPHILS		3	(0.327) % (*10^3/UL)
BASOPHILS		0	% (*10^3/UL)
ESTIMATED PLATELET COUNT		INCRE	
PLATELET COUNT	>	814	*10^3/UL
FREE THYROXINE		10.5	NGM/DL

␣(s3B Comments >>␣(s0B
 Specimen contained fibrin clots which may invalidate results.

ISIS reference values are for LOXODONTA AFRICANA
 Printed on: 2.Jul.2008

␣(s3B/ISIS/MedARKS/5.53␣(s0B
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␣(s3B Clinical Pathology Records - Specimen Report
 ␣(s0B

GREENVILLE ZOO

␣(s1SLOXODONTA AFRICANA (no subsp) ␣(s0S Sex: Female Acc. #: 880002
 ␣(s3BAfrican elephant ␣(s0B Age: 38Y Est. Birth: 12.Jan.1970
 Name: JONI

␣(s3BCollection Information >>␣(s0B Date of Collection:␣(s3B 1.Oct.2007␣(s0B
 Health Status: Abnormal Time of Collection: 9:30.0
 Fasting Time: < 8 hours Collected by: JR
 Activity: Calm Sample Collection Site: EAR VEIN
 Weight: 3630 Kg on 1.Oct.2007
 Manual restraint used.

␣(s3BChemistry >>␣(s0B Laboratory:
 ␣(s3BAnalysis Information >>␣(s0B
 ␣(s3BANTECH␣(s0B Date of Analysis:
 Chemistry Sample: Serum
 ␣(s3B2.Oct.2007␣(s0B Time of Analysis:
 Storage: Refrigerated (<48 hours) Analysis by:
 Sample Quality: hemolysis Automated analysis.

␣(s3B Tests and Results >>
 ␣(s0B

ELEPHANT.TXT		
GLUCOSE	73	MG/DL
BLOOD UREA NITROGEN >>	17	MG/DL
CREATININE	1.2	MG/DL
BUN/creatinine ratio	14.2	
CALCIUM	11.3	MG/DL
PHOSPHORUS	4.7	MG/DL
calcium/phosphorus ratio	2.40	
SODIUM >	137	MEQ/L
POTASSIUM >	5.6	MEQ/L
sodium/potassium ratio	24.5	
CHLORIDE >>	98	MEQ/L
MAGNESIUM	2.3	MG/DL
TRIGLYCERIDE	42	MG/DL
TOTAL PROTEIN (COLORIMETRY)	7.8	GM/DL
ALBUMIN (COLORIMETRY)	3.3	GM/DL
GLOBULIN (COLORIMETRY)	4.5	GM/DL
albumin/globulin ratio	0.733	
ASPARTATE AMINOTRANSFERASE	14	IU/L
ALANINE AMINOTRANSFERASE	4	IU/L
TOTAL BILIRUBIN	0.2	MG/DL
AMYLASE >>	10128	U/L
ALKALINE PHOSPHATASE <	35	IU/L
CREATINE PHOSPHOKINASE	365	IU/L
GAMMA GLUTAMYLTRANSFERASE	10	IU/L
LIPASE	5	U/L

ISIS reference values are for LOXODONTA AFRICANA
 Printed on: 2.Jul.2008
 □(s3B/ISIS/MedARKS/5.53□(s0B
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Medical History Report - Individual Specimen
 GREENVILLE ZOO

=====
 □(s1SLOXODONTA AFRICANA (no subsp) □(s0S Sex: Female Acc. #: 880002
 □(s3BAfrican elephant □(s0B Age: 38Y Est. Birth: 12.Jan.1970
 Name: JONI
 =====

□(s3BPurpose:□(s0B Corneal edema and Conjunctivitis

□(s3BPrescription Data >> □(s0BStarting date:
 □(s3B1.Oct.2007□(s0B
 Drug: OXYTETRACYCLINE HYDROCHLORIDE 0.25 in subconjunctivally
 TID for 4 dos
 Formulation: ointment Bottle/Lot #: N30
 Prescribed by: HCM (1.Oct.2007) Filled by: HCM (1.Oct.2007)
 Drug dosage: .000 in/kg Treatment weight: 3766 kg
 Clinical response to treatment: Fair

□(s3BDaily Treatment Notes >>□(s0B
 □&d0D Date Time Success By Comments
 □&d@ 1.Oct.2007 10:25 100% JR

1.Oct.2007 14:00	100%	JR
1.Oct.2007 16:40	100%	JR
2.Oct.2007 08:00	100%	JR

[(s3BClinical Note:

2.Oct.2007[(s0B

S - Joni's R eye started watering a lot on Monday, treatment was started with Terramycin TID.
O - Blepharospasm, epiphora (clear), mild conjunctivitis with mild corneal edema and migration of scleral vessels. Approx 2mm.
A - Conjunctivis & keratitis, still not sure about recurrent uveitis in ele's.
P - Cipro twice a day for 2 days. If no improvement go to three times a day. Will research cyclosporin for Joni. HC Miller, DVM (CLP)

[(d@

[(s3BClinical Note:

2.Oct.2007[(s0B

Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg subconjunctivally BID for 13 days. (706282) (HCM)

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[(s3BPurpose:[(s0B Corneal edema and conjunctivitis

[(s3BPrescription Data >>

[(s0BStarting date:

[(s3B2.Oct.2007[(s0B

Drug: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg subconjunctiv

Formulation: 3.50 mg/ml liquid
Prescribed by: HCM (2.Oct.2007)

Bottle/Lot #: 706282
Filled by: HCM (2.Oct.2007)
Treatment weight: 3630 kg

Clinical response to treatment: Fair

[(s3BDaily Treatment Notes >>[(s0B

[(d0D Date	Time	Success	By	Comments
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[(d@

Printed on: 2.Jul.2008

[(s3B/ISIS/MedARKS/5.53[(s0B

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Medical History Report - Individual Specimen
GREENVILLE ZOO

[(s1SLOXODONTA AFRICANA (no subsp)	[(s0S	Sex: Female	Acc. #:
880002			
[(s3BAfrican elephant	[(s0B	Age: 38Y Est.	Birth:
12.Jan.1970			
Name: JONI			

[(s3BPrescription Record (continued):[(s0B

2.Oct.2007 14:40	100%	JR
2.Oct.2007 16:40	100%	JR
3.Oct.2007 08:15	100%	JR
3.Oct.2007 16:30	100%	JR
4.Oct.2007 08:15	100%	JR
4.Oct.2007 16:30	100%	JR

ELEPHANT.TXT

5.Oct.2007	08:15	100%	JR
5.Oct.2007	16:35	100%	JR
6.Oct.2007	08:10	100%	CLP
6.Oct.2007	16:40	100%	CLP
7.Oct.2007	08:10	100%	CLP
7.Oct.2007	16:40	100%	CLP
8.Oct.2007	08:10	100%	JR
8.Oct.2007	16:45	100%	JR
9.Oct.2007	08:10	100%	JR
10.Oct.2007	08:10	100%	JR
10.Oct.2007	16:30	100%	JR
11.Oct.2007	08:10	100%	JR
11.Oct.2007	16:30	100%	JR
12.Oct.2007	08:10	100%	JR
12.Oct.2007	16:30	100%	JR
13.Oct.2007	08:10	100%	CD
14.Oct.2007	08:10	100%	CD
14.Oct.2007	16:30	100%	CD

Clinical Note:

9.Oct.2007

S - Joni has been treated with cipro drops twice a day for 7 days. Her eye has improved.
O - Minimal keratitis ventrally.
A - Infection is clearing up.
P - Continue Cipro BID for 7 more days. Then use artificial tears once a day after infection is cleared. HC Miller, DVM (CLP)

Printed on: 2.Jul.2008

ISIS/MedARKS/5.53

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LOXODONTA AFRICANA (no subsp)	Sex: Female	Acc. #:	
880002			
African elephant	Age: 38Y Est.	Birth:	
12.Jan.1970			
Name: JONI			
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Clinical Note:

15.Oct.2007

Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg subconjunctivally TID for 16 days. (706282)
Rx: OXYTETRACYCLINE HYDROCHLORIDE 1.0 cm subconjunctivally TID for 20 days. (N30) (HCM)

␣(s3BPurpose:␣(s0B Corneal edema and conjunctivitis

␣(s3BPrescription Data >> ␣(s0BStarting date:
 ␣(s3B15.Oct.2007␣(s0B
 Drug: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg
 subconjunctiv
 Formulation: 3.50 mg/ml liquid
 Prescribed by: HCM (15.Oct.2007) Bottle/Lot #: 706282
 Filled by: HCM (15.Oct.2007)
 Treatment weight: 3630 kg
 Clinical response to treatment: Good

␣(s3BDaily Treatment	Notes >>␣(s0B					
␣(s0B	␣(s0B	Date	Time	Success	By	Comments
␣&d@		15.Oct.2007	08:10	100%	JR	
		15.Oct.2007	12:50	100%	JR	
		15.Oct.2007	16:40	100%	JR	
		16.Oct.2007	08:10	100%	JR	
		16.Oct.2007	13:00	100%	CLP	
		16.Oct.2007	16:45	100%	JR	
		17.Oct.2007	08:10	100%	JR	
		17.Oct.2007	13:00	100%	JR	
		17.Oct.2007	16:30	100%	JR	
		18.Oct.2007	08:10	100%	JR	
		18.Oct.2007	13:00	100%	JR	
		18.Oct.2007	16:30	100%	JR	
		19.Oct.2007	08:10	100%	JR	
		19.Oct.2007	13:00	100%	CD	
		19.Oct.2007	15:30	100%	CD	
		20.Oct.2007	08:10	100%	JR	
		20.Oct.2007	11:30	100%	JR	
		20.Oct.2007	14:30	100%	CD	
		21.Oct.2007	08:10	100%	CLP	
		21.Oct.2007	11:30	100%	CLP	
		21.Oct.2007	14:30	100%	CLP	
		22.Oct.2007	08:10	100%	CLP	
		22.Oct.2007	11:30	100%	CLP	
		22.Oct.2007	15:35	100%	CLP	
		23.Oct.2007	08:20	100%	CLP	
		23.Oct.2007	11:35	100%	CLP	
		23.Oct.2007	15:35	100%	JR	
		24.Oct.2007	08:10	100%	JR	

Printed on: 2.Jul.2008
 ␣(s3B/ISIS/MedARKS/5.53␣(s0B
 ␣

Medical History Report - Individual Specimen
 GREENVILLE ZOO

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=====
␣(s1SLOXODONTA AFRICANA (no subsp) ␣(s0S Sex: Female Acc. #:
880002
␣(s3BAfrican elephant ␣(s0B Age: 38Y Est. Birth:
12.Jan.1970
Name: JONI
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␣(s3BPrescription Record (continued):␣(s0B
 24.Oct.2007 11:30 100% JR
 24.Oct.2007 16:00 100% JR

ELEPHANT.TXT

25.Oct.2007 08:10 100% CD
 25.Oct.2007 11:30 100% CD
 25.Oct.2007 16:30 100% CD
 26.Oct.2007 08:10 100% JR
 26.Oct.2007 13:00 100% CD
 26.Oct.2007 16:15 100% JR
 27.Oct.2007 08:10 100% CLP
 27.Oct.2007 11:35 100% CLP
 27.Oct.2007 16:35 100% CLP
 28.Oct.2007 08:20 100% CLP
 28.Oct.2007 11:40 100% CLP
 28.Oct.2007 16:35 100% CLP
 29.Oct.2007 08:20 100% JR
 29.Oct.2007 11:45 100% JR
 29.Oct.2007 16:40 100% JR
 30.Oct.2007 08:10 100% JR
 30.Oct.2007 11:45 100% JR
 30.Oct.2007 16:40 100% JR

␣(s3BPurpose:␣(s0B Cornea] edema and conjunctivitis

␣(s3BPrescription Data >> ␣(s0BStarting date:
 ␣(s3B15.Oct.2007␣(s0B
 Drug: OXYTETRACYCLINE HYDROCHLORIDE 1.0 cm subconjunctivally
 TID for 20 da
 Formulation: 5.00 mg ophthalmic ointment Bottle/Lot #: N30
 Prescribed by: HCM (15.Oct.2007) Filled by: HCM (15.Oct.2007)
 Treatment weight: 3630 kg
 Clinical response to treatment: Excellent

␣(s3BComments >>␣(s0B
 Tradename of drug used is TERRAMYCIN.

␣(s3BDaily Treatment Notes >>␣(s0B

␣&d0D	Date	Time	Success	By	Comments
␣&d@	15.Oct.2007	13:00	100%	JR	
	15.Oct.2007	16:50	100%	JR	
	16.Oct.2007	08:20	100%	JR	
	16.Oct.2007	13:10	100%	CLP	
	16.Oct.2007	16:50	100%	JR	
	17.Oct.2007	08:15	100%	JR	

Printed on: 2.Jul.2008
 ␣(s3B/ISIS/MedARKS/5.53␣(s0B
 ␣

Medical History Report - Individual Specimen
 GREENVILLE ZOO

␣(s1SLOXODONTA AFRICANA (no subsp) ␣(s0S Sex: Female Acc. #: 880002
 ␣(s3BAfrican elephant ␣(s0B Age: 38Y Est. Birth: 12.Jan.1970
 Name: JONI

␣(s3BPrescription Record (continued):␣(s0B
 17.Oct.2007 13:03 100% JR
 Page 13

ELEPHANT.TXT

17.Oct.2007	16:35	100%	JR
18.Oct.2007	08:15	100%	CLP
18.Oct.2007	13:05	100%	CLP
18.Oct.2007	16:35	100%	CLP
19.Oct.2007	08:15	100%	JR
19.Oct.2007	13:15	100%	CD
19.Oct.2007	15:35	100%	CD
20.Oct.2007	08:15	100%	JR
20.Oct.2007	11:45	100%	JR
20.Oct.2007	14:35	100%	CD
21.Oct.2007	08:15	100%	CLP
21.Oct.2007	11:45	100%	CLP
21.Oct.2007	14:35	100%	CLP
22.Oct.2007	08:15	100%	CLP
22.Oct.2007	11:40	100%	CLP
22.Oct.2007	15:40	100%	CLP
23.Oct.2007	09:30	100%	JR
23.Oct.2007	11:45	100%	JR
23.Oct.2007	15:40	100%	JR
24.Oct.2007	08:20	100%	JR
24.Oct.2007	11:45	100%	JR
24.Oct.2007	16:30	100%	JR
25.Oct.2007	08:20	100%	CD
25.Oct.2007	11:45	100%	CD
25.Oct.2007	16:40	100%	CD
26.Oct.2007	08:20	100%	JR
26.Oct.2007	13:15	100%	CD
27.Oct.2007	09:30	100%	CLP
27.Oct.2007	11:45	100%	CLP
27.Oct.2007	16:40	100%	CLP
28.Oct.2007	09:30	100%	CLP
28.Oct.2007	11:45	100%	CLP
28.Oct.2007	16:40	100%	CLP
29.Oct.2007	08:25	100%	JR
29.Oct.2007	11:50	100%	JR
29.Oct.2007	16:45	100%	JR
30.Oct.2007	08:15	100%	JR
30.Oct.2007	11:50	100%	JR
30.Oct.2007	16:45	100%	JR
31.Oct.2007	08:15	100%	JR
31.Oct.2007	11:55	100%	JR
31.Oct.2007	16:35	100%	JR
1.Nov.2007	08:15	100%	CD
1.Nov.2007	11:55	100%	CD

Printed on: 2.Jul.2008

□(s3B/ISIS/MedARKS/5.53□(s0B
□

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Medical History Report - Individual Specimen
GREENVILLE ZOO

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□(s1SLOXODONTA AFRICANA (no subsp)      □(s0S      Sex: Female      Acc. #:
880002
□(s3BAfrican elephant                    □(s0B      Age: 38Y Est.      Birth:
12.Jan.1970
Name: JONI
=====

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□(s3BPrescription Record (continued):□(s0B

1.Nov.2007	16:35	100%	CD
2.Nov.2007	08:15	100%	CD

ELEPHANT.TXT

2.Nov.2007	11:35	100%	CD
2.Nov.2007	16:35	100%	CD
3.Nov.2007	08:15	100%	CLP
3.Nov.2007	11:35	100%	CLP
3.Nov.2007	16:35	100%	CLP
4.Nov.2007	08:10	100%	CLP
4.Nov.2007	11:45	100%	CLP
4.Nov.2007	16:40	100%	CLP
5.Nov.2007	08:15	100%	CLP
5.Nov.2007	11:55	100%	CLP
5.Nov.2007	16:45	100%	CLP
6.Nov.2007	08:10	100%	CLP
6.Nov.2007	11:50	100%	CLP
6.Nov.2007	16:45	100%	CLP
7.Nov.2007	08:15	100%	CD
7.Nov.2007	11:35	100%	CD
7.Nov.2007	16:35	100%	CD
8.Nov.2007	08:15	100%	JR
8.Nov.2007	11:35	100%	JR
8.Nov.2007	16:35	100%	JR
9.Nov.2007	08:15	100%	JR
9.Nov.2007	11:35	100%	JR
9.Nov.2007	16:35	100%	JR
10.Nov.2007	08:15	100%	JR
10.Nov.2007	11:50	100%	JR
10.Nov.2007	16:50	100%	JR
11.Nov.2007	08:20	100%	CLP
11.Nov.2007	11:50	100%	CLP
11.Nov.2007	14:50	100%	CLP
12.Nov.2007	08:15	100%	JR
12.Nov.2007	12:45	100%	JR
12.Nov.2007	16:45	100%	JR
13.Nov.2007	08:25	100%	JR
13.Nov.2007	12:15	100%	JR
13.Nov.2007	17:00	100%	JR

Printed on: 2.Jul.2008

□(s3B/ISIS/MedARKS/5.53□(s0B

□

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=====
□(s1SLOXODONTA AFRICANA (no subsp)      □(s0S   Sex: Female      Acc. #:
880002
□(s3BAfrican elephant                    □(s0B   Age: 38Y Est.      Birth:
12.Jan.1970
Name: JONI
=====

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□(s3BClinical Note:
16.Oct.2007□(s0B
Rx: FLURBIPROFEN 0.0450 mg subconjunctivally BID for 7 days. (HCM)
□&d0D
□&d@

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Printed on: 2.Jul.2008

ISIS/MedARKS/5.53

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Clinical Pathology Records - Specimen Report

GREENVILLE ZOO

LOXODONTA AFRICANA (no subsp)	Sex: Female	Acc. #:
880002		
African elephant	Age: 38Y Est.	Birth:
12.Jan.1970		
Name: JONI		

Collection Information >>
16.Oct.2007
Health Status: Abnormal

Date of Collection:

Time of Collection:

ELEPHANT.TXT

Collected by: HCM
Sample Collection Site: RIGHT EYE

Weight: 3630 kg on 1.Oct.2007

Analysis Information >>
BANTECH
Sample type: Other
20.Oct.2007
Storage: Fresh
Sample Quality: No quality problems.

Laboratory:
Date of Analysis:
Time of Analysis:
Analysis by:
Automated analysis.

Comments >>
Culture and Sensitivites

Enterobacter Taylorae - Chloramphenicol, Cipro, Cefazolin, Gentamicin, Norfloxacin, Ofloxacin, Polymyxin B, Tobramycin, Neomycin, Tetracycline.

ISIS reference values are for LOXODONTA AFRICANA

Printed on: 2.Jul.2008

ISIS/MedARKS/5.53

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Medical History Report - Individual Specimen
GREENVILLE ZOO

LOXODONTA AFRICANA (no subsp)	Sex: Female	Acc. #:
880002		
African elephant	Age: 38Y Est.	Birth:
12.Jan.1970		
Name: JONI		

ELEPHANT.TXT

␣(s3BPurpose:␣(s0B Inflammation of third eyelid

␣(s3BPrescription Data >>

␣(s0BStarting date:

␣(s3B16.Oct.2007␣(s0B

Drug: FLURBIPROFEN 0.0450 mg subconjunctivally BID for 7 days

Formulation: 0.30 mg/ml liquid

Prescribed by: HCM (16.Oct.2007)

Filled by: HCM (22.Oct.2007)

Drug dosage: .012 mcg/kg

Treatment weight: 3630 kg

Clinical response to treatment: Good

␣(s3BDaily Treatment Notes >>␣(s0B

␣&d@	␣&d0D	Date	Time	Success	By	Comments
		22.Oct.2007	14:00	100%	CLP	
		23.Oct.2007	08:10	100%	CLP	
		23.Oct.2007	15:30	100%	JR	
		24.Oct.2007	08:15	100%	JR	
		24.Oct.2007	16:05	100%	JR	
		25.Oct.2007	08:15	100%	CD	
		25.Oct.2007	16:35	100%	CD	
		26.Oct.2007	08:15	100%	JR	
		26.Oct.2007	16:20	100%	JR	
		27.Oct.2007	07:50	100%	CLP	
		27.Oct.2007	15:45	100%	CLP	
		28.Oct.2007	08:15	100%	CLP	
		28.Oct.2007	15:30	100%	CLP	
		29.Oct.2007	08:10	100%	JR	

␣(s3BClinical Note:

30.Oct.2007␣(s0B

O - Joni's eye is improved. The third eyelid appears normal after 1 week of flurbiprofen. The ventral portion of her cornea is still a littl cloudy.

P - Recommend continue Cipro and Terramycin TID and recheck in 7 days.

HC Miller, DVM (CLP)

␣&d0D

␣&d@

␣(s3BClinical Note:

31.Oct.2007␣(s0B

Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg subconjunctivally TID for 14 days. (708282) (HCM)

␣&d0D

␣&d@

Printed on: 2.Jul.2008

␣(s3B/ISIS/MedARKS/5.53␣(s0B

␣

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Medical History Report - Individual Specimen
GREENVILLE ZOO

␣(s1SLOXODONTA AFRICANA (no subsp)
880002

␣(s0S Sex: Female

Acc. #:

880002

(s3BAfrican elephant (s0B Age: 38Y Est. Birth:
12.Jan.1970
Name: JONI

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(s3BPrescription Record (continued):(s0B

11.Nov.2007	11:40	100%	CLP
11.Nov.2007	16:40	100%	CLP
12.Nov.2007	08:10	100%	JR
12.Nov.2007	12:05	100%	JR
12.Nov.2007	16:40	100%	JR
13.Nov.2007	08:20	100%	JR
13.Nov.2007	12:10	100%	JR
13.Nov.2007	16:55	100%	JR

(s3BClinical Note:

6.Nov.2007(s0B
Checked by HC Miller, DVM. Looks good, contine meds (Cipro and
Terramycin TID) for 7 more days. (CLP)
(d0D

&d@

(s3BClinical Note:

13.Nov.2007(s0B
Rx: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg subconjunctivally BID
for 7 days. (708282) (HCM)
(d0D

&d@

(s3BPurpose:(s0B Corneal edema and conjunctivitis

(s3BPrescription Data >>

(s0BStarting date:

(s3B13.Nov.2007(s0B

Drug: CIPROFLOXACIN OPHTHALMIC SOLUTION 0.5250 mg
subconjunctiv

Formulation: 3.50 mg/ml liquid
Prescribed by: HCM (13.Nov.2007)

Bottle/Lot #: 708282
Filled by: HCM (13.Nov.2007)
Treatment weight: 3630 kg

Clinical response to treatment: Excellent

(s3BDaily Treatment Notes >>(s0B

(d0D	Date	Time	Success	By	Comments
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&d@

14.Nov.2007	08:00	100%	JR
14.Nov.2007	16:30	100%	JR
15.Nov.2007	08:00	100%	JR
15.Nov.2007	16:30	100%	JR
16.Nov.2007	08:00	100%	JR
16.Nov.2007	16:30	100%	JR
17.Nov.2007	08:00	100%	CLP
17.Nov.2007	16:30	100%	CLP
18.Nov.2007	08:00	100%	CLP
18.Nov.2007	16:30	100%	CLP
19.Nov.2007	08:10	100%	JR

Printed on: 2.Jul.2008

(s3B/ISIS/MedARKS/5.53(s0B
(

(s3B/ISIS/MedARKS/5.53(s0B
(s0B

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=====
(s1SLOXODONTA AFRICANA (no subsp)      (s0S      Sex: Female      Acc. #:
880002
(s3BAfrican elephant                    (s0B      Age: 38Y Est.      Birth:
12.Jan.1970
Name: JONI
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(s3BParasitology Examination:(s0B
(s3BSubmission Data >>(s0B      Sample id.:
2008-0055
Type: Fecal sample      Date collected:
(s3B15.Jan.2008(s0B      Collected by: ALF
Purpose: ROUTINE EXAMINATION
(s3BCollected from:(s0B      Enclosure: AFRICA
From an individual specimen.
(s3BExamination Data >>(s0B
Storage: room temperature      Date examined: 15.Jan.2008
Consistency: Not specified
Gross appearance: Typical      by: ALF
(s3BTests & Results >>(s0B
FLOATATION - ZINC SULFATE      NO PARASITES SEEN

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(s0B
(s0B

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(s3BClinical Note:
21.Mar.2008(s0B
Right eye is cloudy and draining. (CLP)
(s0B
(s0B

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(s3BClinical Note:
22.Mar.2008(s0B
S - OD cloudy and draining.
O - Watery discharge and opacity in anterior chamber OD. Difficult to
do full exam.
A - Chronic uveitis / conjunctivitis / corneal edema?
P - Treat with ophthalmic Terramycin and Cipro TID. If no improvement
in next 24 hours can add Flurbiprofen oph BID. Consider standing
sedation and consult with veterinary ophthalmologist. JS Hovis, DVM (CLP)
(s0B
(s0B

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(s3BClinical Note:
23.Mar.2008(s0B
Rx: FLURBIPROFEN 0.0450 mg subconjunctivally BID for 7 days. (49694)
(JSJ)
(s0B
(s0B

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(s3BPurpose:(s0B OD Conjunctivitis/Uveitis/Keratitis
Page 22

Prescription Data >> Starting date:
 23.Mar.2008
 Drug: FLURBIPROFEN 0.0450 mg subconjunctivally BID for 7 days
 Formulation: 0.30 mg/ml liquid Bottle/Lot #: 49694
 Prescribed by: JSH (23.Mar.2008) Filled by: JSH (23.Mar.2008)
 Treatment weight: 3630 kg
 Clinical response to treatment: Excellent

Daily Treatment Notes >>
 Date Time Success By Comments

Printed on: 2.Jul.2008
 /ISIS/MedARKS/5.53

Medical History Report - Individual Specimen
GREENVILLE ZOO

SLOXODONTA AFRICANA (no subsp) Sex: Female Acc. #: 880002
 African elephant Age: 38Y Est. Birth: 12.Jan.1970
 Name: JONI

Prescription Record (continued):

23.Mar.2008	15:40	100%	CLP
24.Mar.2008	08:15	100%	CLP
24.Mar.2008	16:00	100%	CLP
25.Mar.2008	08:25	100%	CLP
25.Mar.2008	15:50	100%	CLP
26.Mar.2008	08:15	100%	CD
26.Mar.2008	16:00	100%	CD
27.Mar.2008	08:15	100%	CD
27.Mar.2008	16:00	100%	CD
28.Mar.2008	08:10	100%	CD
28.Mar.2008	16:00	100%	CD
29.Mar.2008	08:10	100%	CD
29.Mar.2008	16:00	100%	CD

Clinical Note:

1.Apr.2008

S - Joni has been dealing with recurrent uveitis of unknown origin. She has been treated w/ cipro & terramycin eye drops & flurbiprofen with 60-70% improvement.

O - On exam, there is a mild exudate from the R eye - white. The R eye has moderate keratitis ventrally & medially approx 7mm by 3mm that I cannot fully determine if it is keratitis or keratinic precipitates. Otherwise only minimal to no conjunctivitis & minimal blepharospasm. The rest of the cornea is clear & she appears to see well out of the eye.

A - Resolving flare up of RU, primary cause is open.

P - Lepto titers, continue cipro & terramycin TID & flurbiprofen SID & recheck in 7 days.

HC Miller, DVM (CLP)

Clinical Note:

2.Apr.2008 (s0B
Blood collected by JR from ear vein. Sent to Antech for Lepto titers.
(CLP)
&d0D
&d@

Printed on: 2.Jul.2008
(s3B/ISIS/MedARKS/5.53 (s0B
(s0B

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(s3B Clinical Pathology Records - Specimen Report
(s0B

GREENVILLE ZOO

(s1SLOXODONTA AFRICANA (no subsp)	(s0S	Sex: Female	Acc. #:
880002	(s3BAfrican elephant	(s0B	Age: 38Y Est. Birth:
12.Jan.1970	Name: JONI		

(s3BCollection Information >>(s0B	Date of Collection:(s3B
2.Apr.2008(s0B	
Health Status: Abnormal	Time of Collection: 10:00.0
Fasting Time: < 8 hours	Collected by: JR
Activity: Calm	Sample Collection Site: EAR VEIN
Weight: 3630 Kg on 1.Oct.2007	
Manual restraint used.	

(s3BHematology >>(s0B	Laboratory:
(s3BAnalysis Information >>(s0B	
(s3BANTECH(s0B	Date of Analysis:
Anticoagulant:	
(s3B4.Apr.2008(s0B	Time of Analysis:
Storage: Fresh	Analysis by:
Sample Quality: No quality problems.	Automated analysis.

(s3BChemistry >>(s0B	Laboratory:
(s3BAnalysis Information >>(s0B	
(s3BANTECH(s0B	Date of Analysis:
Chemistry Sample: Serum	
(s3B4.Apr.2008(s0B	Time of Analysis:
Storage: Fresh	Analysis by:
Sample Quality: No quality problems.	Automated analysis.

(s3B Tests and Results >>	
(s0B	
LEPTOSPIRA BRATISLAVA ANTIBODY (MAS)	NEG
LEPTOSPIRA CANICOLA ANTIBODY (MAS)	NEG
LEPTOSPIRA GRIPPOTYPHOSA ANTIBODY (MAS)	1:200
LEPTOSPIRA HARDJO ANTIBODY (MAS)	NEG
LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIBODY (MAS)	NEG
LEPTOSPIRA POMONA ANTIBODY (MAS)	NEG

␣(s3B Comments >>␣(s0B
L. autumnalis = Neg

ISIS reference values are for LOXODONTA AFRICANA
Printed on: 2.Jul.2008
␣(s3B/ISIS/MedARKS/5.53␣(s0B
␣

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␣(s1SLOXODONTA AFRICANA (no subsp)   ␣(s0S   Sex: Female           Acc. #:
880002
␣(s3BAfrican elephant                ␣(s0B   Age: 38Y Est.         Birth:
12.Jan.1970
Name: JONI
=====

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␣(s3BClinical Note:
6.Apr.2008␣(s0B
Recheck eye OD. Eye drainage now cleared and much less (very minimal)
corneal clouding. Titters for L.Grippotyphosa - positive 1:200.
Continue current treatment. JS Hovis, DVM (CLP)
␣&d0D
␣&d@

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Printed on: 2.Jul.2008
/ISIS/MedARKS/5.53

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Clinical Pathology Records - Specimen Report

GREENVILLE ZOO

LOXODONTA AFRICANA (no subsp)	Sex: Female	Acc. #:
880002		
African elephant	Age: 38Y Est.	Birth:
12.Jan.1970		
Name: JONI		

Collection Information >>	Date of Collection:
30.Apr.2008	
Health Status: Normal	Time of Collection: 15:00.0
Fasting Time: < 8 hours	Collected by: JR
Activity: Calm	Sample Collection Site: EAR VEIN
Weight: 3630 Kg on 1.Oct.2007	
Manual restraint used.	

Hematology >>	Laboratory:
Analysis Information >>	
ANTECH	Date of Analysis:
Anticoagulant:	
2.May.2008	Time of Analysis:
Storage: Fresh	Analysis by:
Sample Quality: No quality problems.	Automated analysis.

Chemistry >>	Laboratory:
Analysis Information >>	
ANTECH	Date of Analysis:
Chemistry Sample: Serum	
2.May.2008	Time of Analysis:
Storage: Fresh	Analysis by:
Sample Quality: No quality problems.	Automated analysis.

Tests and Results >>

ELEPHANT.TXT

LEPTOSPIRA AGGLUTININS <1:50
 LEPTOSPIRA BRATISLAVA ANTIBODY (MAS) <1:50
 LEPTOSPIRA CANICOLA ANTIBODY (MAS) <1:50
 LEPTOSPIRA GRIPPOTYPHOSA ANTIBODY (MAS) 1:200
 LEPTOSPIRA HARDJO ANTIBODY (MAS) <1:50
 LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIBODY (MAS) <1:50
 LEPTOSPIRA POMONA ANTIBODY (MAS) <1:50

ISIS reference values are for LOXODONTA AFRICANA

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Clinical Pathology Records Report - ISIS/In-House Reference Values

GREENVILLE ZOO

Scientific name: LOXODONTA AFRICANA
 Common Name: African elephant

ISIS Values
 Mean S.D. Min. Max. (N)

		Mean	S.D.	Min.	Max.	(N)
WBC	*10 ³ /UL	10.50	2.648	4.500	22.10	(1544)
RBC	*10 ⁶ /UL	3.15	0.40	2.05	4.80	(1480)
HGB	GM/DL	13.7	1.6	7.0	26.1	(1522)
HCT	%	39.5	4.6	27.0	56.0	(1984)
MCH	MG/DL	43.6	3.0	34.8	66.8	(1454)
MCHC	uug	34.7	2.0	18.4	57.9	(1501)
MCV	fL	125.8	8.1	91.1	190.0	(1466)
SEGS	*10 ³ /UL	3.146	1.695	0.000	11.80	(1224)
BANDS	*10 ³ /UL	0.843	0.799	0.000	6.530	(605)
LYMPHOCYTES	*10 ³ /UL	4.913	2.532	0.022	17.40	(1236)
MONOCYTES	*10 ³ /UL	1.513	1.651	0.000	9.480	(1175)
EOSINOPHILS	*10 ³ /UL	0.225	0.273	0.000	2.898	(885)
BASOPHILS	*10 ³ /UL	0.049	0.081	0.000	0.525	(464)
NRBC	/100 WBC	0	1	0	3	(92)
PLATE. CNT.	*10 ³ /UL	417	245	74	1380	(215)
RETICS	%	0.0	0.0	0.0	0.0	(7)
GLUCOSE	MG/DL	84	15	38	174	(1437)
BUN	MG/DL	10	3	0	22	(1458)

ELEPHANT.TXT

CREAT.	MG/DL	1.5	0.5	0.0	11.0	(1405)
URIC ACID	MG/DL	0.2	0.4	0.0	5.1	(466)
CA	MG/DL	10.9	0.6	8.1	15.3	(1434)
PHOS	MG/DL	4.9	0.8	2.8	8.2	(1291)
NA	MEQ/L	129	4	107	182	(1353)
K	MEQ/L	4.8	0.5	3.3	7.6	(1368)
CL	MEQ/L	88	4	67	129	(1323)
IRON	MCG/DL	79	42	8	174	(54)
MG	MG/DL	1.97	0.75	0.65	4.20	(98)
HCO3	MMOL/L	25.1	3.6	13.0	31.0	(44)
CHOL	MG/DL	68	17	0	234	(1290)
TRIG	MG/DL	64	31	0	179	(1124)
T.PROT. (C)	GM/DL	7.7	0.6	5.8	10.5	(1261)
T.PROT. (R)	GM/DL	8.0	0.4	7.4	8.6	(8)
ALBUMIN (C)	GM/DL	3.6	0.4	2.4	5.2	(1145)
GLOBULIN (C)	GM/DL	4.1	0.5	2.6	6.4	(1135)
AST (SGOT)	IU/L	24	10	6	93	(1398)
ALT (SGPT)	IU/L	7	6	0	40	(547)
T. BILI.	MG/DL	0.2	0.1	0.0	1.0	(1187)
D. BILI	MG/DL	0.1	0.1	0.0	0.3	(154)
I. BILI.	MG/DL	0.1	0.1	0.0	0.9	(152)
AMYLASE	U/L	3075	1552	0	7918	(241)
ALK.PHOS.	IU/L	128	61	32	441	(1404)
LDH	IU/L	988	568	157	4306	(1099)

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Clinical Pathology Records Report - ISIS/In-House Reference Values

GREENVILLE ZOO

Scientific name: *LOXODONTA AFRICANA*

Common Name: African elephant

ISIS Values
 Mean S.D. Min. Max. (N)

CPK	IU/L	256	196	18	1884	(247)
OSMOLARITY	MOSMOL/L	259	4	246	272	(689)
ALPHA GLOB.	MG/DL	0.7	0.0	0.7	0.7	(1)
ALPHA-1 GLOB	MG/DL	0.7	0.2	0.2	0.8	(8)
ALPHA-2 GLOB	MG/DL	1.0	0.3	0.8	1.6	(8)
BETA GLOB.	MG/DL	1.2	0.8	0.6	1.7	(2)
Body Temperature:		39.0	0.0	39.0	39.0	(1)
CO2	MMOL/L	27.0	3.1	12.0	61.4	(840)
ESR	MM/HR	27	0	27	27	(1)
FIBRINOGEN	MG/DL	238	139	0	600	(70)
GGT	IU/L	12	5	0	37	(389)
LIPASE	U/L	7	7	0	45	(66)
PROGESTERONE	NG/DL	144.8	216.4	0.060	1005	(266)
TESTOSTERONE	NG/ML	1.010	1.117	0.220	1.800	(2)
TOTAL T4	MCG/DL	8.2	1.3	6.9	9.5	(3)
T3 (RIA)	NG/ML	209.0	0.0	209.0	209.0	(1)
ALBUMIN (E)	GM/DL	4.4	0.3	4.1	4.9	(7)
GAMMA GLOB	GM/DL	1.6	0.4	0.7	1.9	(7)