# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36@

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

Nov.03, 2017

Date

Time

**Note Author** 

Nov 03, 2017

00:00

Whitney Greene

Significant

Private

**Active Problems** 

No

No

~

Subjective

Animal presented for recheck exam with MR

**Objective** 

\*\*

BAR, behaviorally engaged throughout treatment session

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout on both anterior and posterior surface. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extruded- thicker than previously and only about 3cc. No blood, scabbing, erythema, or purulent material observed around any suture. One suture came out during exfoliation treatment.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

#### Treatments

- 1. 6 joules applied over four spots on laterl and medial anterior ear.
- 2. Warm water compress using hose and clean towels daily for ten minutes
- 3. Chlorohexidine exfoliation for two minutes with debridement
- 4. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

# Assessment ·

Condition is healing and overall improved

## Plan

Continue with current treatment protocol for another two weeks

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

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H			 -h

### Nov 02 2017

Date

Clinical note

Time

**Note Author** 

Nov 02, 2017

00:00 Private Whitney Greene

Significant

No

Active Problems

# Subjective

No

Animal presented for treatments

# Objective

BAR, behaviorally engaged throughout treatment session

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout on both anterior and posterior surface. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extruded- thicker than previously and only about 3cc. No blood, scabbing, erythema, or purulent material observed around any suture. One suture came out during exfoliation treatment.

# Report Start Date Sep 20, 2017 Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 **36** 

Animal Type	GAN	Preferred ID	Taxonomy		1107 00, 2017 000
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date
			Elephas maximus/Asian elephant	Female	Oct 29, 1958

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

#### Treatments

- 1. 6 joules applied over four spots on laterl and medial anterior ear.
- 2. Warm water compress using hose and clean towels daily for ten minutes
- 3. Chlorohexidine exfoliation for two minutes with debridement
- 4. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

#### Assessment

Animal tolerated all procedures OK

#### Plan

- 1. MR recheck tomorrow
- 2. Continue on current treatment regimen

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

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# Nov.01, 2017

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Date	Time	Note Author
Nov 01, 2017	00:00	Whitney Greene
Significant	Private	Active Problems
No	No	~

# **Subjective**

Animal presented for treatments

# Objective

BAR, behaviorally engaged throughout treatment session

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout on both anterior and posterior surface. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extruded- thicker than previously and only about 3cc. No blood, scabbing, erythema, or purulent material observed around any suture. One suture came out during exfoliation treatment.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

## Treatments

- 1. 6 joules applied over four spots on laterl and medial anterior ear.
- 2. Warm water compress using hose and clean towels daily for ten minutes
- 3. Chlorohexidine exfoliation for two minutes with debridement
- 4. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Phone consult with MR and TT

### **Assessment**

Animal tolerated treatments well

# Plan

# **Medical History Report for All Record Types**

Report End Date SPECIES Nov 09, 2017 366

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

1. Contine on current treatment plan

2. MR recheck on Friday November 4

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items -

Date	Title	Assigned To	Done		
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Prescription/Treatment

Basic Info

**Date Written** Nov 01, 2017 **Start Date** Nov 01, 2017 00:00 Prescribed By Whitney Greene

**Prescribed For** 1 animal

Reason For Treatment ~

<sup>-</sup>Weight Info

Date

**Measurement Value** 

2,840 kg

Nov 01, 2017

**Estimate** 

Yes Yes

**Exclude From Reference Intervals** 

Treatment Detail

**Treatment** Item/Drug

Sulfatrim-DS [800:160] (960 mg Solid > Tablet) (Sulfamethoxazole; Trimethoprim)

**Dose Amount Dosage Amount**  62,480 mg 22 mg/kg

Frequency **Duration** 

twice a day (bid)

2days

Oral (p.o.)

960 mg

Form of Drug Tablet

Concentration Of Drug

Administrated Dose 65.083 count Quantity

**Delivery Route Loading Dose** 

Treatment Response -

**Clinical Response** 

**Adverse Effects** 

Adverse Effects Note:

Give 62,480 mg [65.083 count] of Sulfatrim-DS [800:160], twice a day (bid) for 2 days.

Start treatment on Nov 01, 2017 Administration route: Oral (p.o.)

Prescription Notes/Comments

Calendar Items

Date	Title	Assigned To	Done
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Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

Administration Records

Administration Date/Time	Administered By	Success	Notes		
~	~	~	~		

#### Report Start Date Sep 20, 2017 Medical History Report for All Record Types Report End Date SPECIES Nov 09, 2017 **36 Animal Type** GAN Preferred ID Taxonomy Sex Birth Date Individual MIG12-29545888 5 Elephas maximus/Asian elephant Female Oct 29, 1958

Oct 30, 2017 Clinical note

**Date** Time

**Note Author** 

Oct 30, 2017

15:30

Marcy Cocchiola

Significant

**Private** No

**Active Problems** 

No Note Subtype: General

**Notes/Comments** 

Laser therapy 6 joules to medial and lateral carpus, S12/13, and BL40

**Animal Care Staff Medical Summary** 

Calendar Items

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H	Date	Title	Assigned To	Done
	~	~	~	~
-				

Clinical note

Date

Time

**Note Author** 

Oct 30, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Subjective

Animal presented for ongoing treatment

### Objective

BAR, behaviorally engaged throughout treatment session

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout on both anterior and posterior surface. There is a small amount of erythernna along the most cranial anterior part of healing tissue. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extrudedthicker than previously and only about 3cc. No blood, scabbing, erythema, or purulent material observed around any suture. One suture came out during exfoliation treatment.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

### Treatments

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Phone consult with MR

# **Assessment**

Animal tolerated procedure well and condition is stable DDX: vasculitis

# Plan

Continue on current treatment plan

Written by WG

# **Animal Care Staff Medical Summary**

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Calendar Items

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Sep 20, 2017	•		Medical History Report for All Record Types	F	Report End Date SPECIES
Animal Type	GAN	Preferred ID	Taxonomy		Nov 09, 2017 <b>36</b> @
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date
				Female	Oct 29, 1958

Oct 29, 2017.

Report Start Date

Clinical note Date

Time

**Note Author** 

Oct 29, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Subjective

Animal presented for ongoing treatment

### Objective

BAR

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout but more erythematous on the anterior surface as well as along the upper ridge of the pinnae. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extruded- thicker than previously. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

#### Treatments

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Phone consult with MR and TT

### Assessment

Animal tolerated procedure OK; condition is healing

# Plan

Continue on current treatment plan

Written by WG

# Animal Care Staff Medical Summary

Calendar Items

11				
П	Date	Title	A ! I T	
Ш		Title	Assigned To	Done
П	//~	~		Done
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L-				

# Oct 28:2017 Clinical note

Date

No

**Time** 

**Note Author** 

Oct 28, 2017

00:00

Whitney Greene

Significant

**Private** 

Active Problems

Subjective

No

Animal presented for treatments

# Objective

BAR and behaviorally engaged throughout session

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink throughout. Two pockets of pus on posterior side (same region as they have been). A smaller amount of purulent material is extruded- thicker than previously. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Printed: Nov 09, 2017

**Buttonwood Park Zoo** 

Report Start Date
Sep 20, 2017

Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

#### Measurements

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 25.5 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47.5 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 6 cm (from base of flap)
- 4. Widest portion of affected tissue: 5.5 cm

# Treatments:

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Note: animal did not receive AM dose of antibiotics

#### Assessment

Animal tolerated treatments well

## Plan

- 1. Extend antibiotics for one additional dose due to animal not taking am dose on 28-oct
- 2. Continue on current treatment plan

Written by WG

# **Animal Care Staff Medical Summary**

Ī	Calendar Items			W
	Date	Title	Assigned To	Done
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d	Tescription reament	
ı	Basic Info	And the second s
	Date Written	Oct 27, 2017
	Start Date	Oct 28, 2017 00:00
	Prescribed By	Whitney Greene
İ	Prescribed For	1 animal
ĺ	Reason For Treatment	~

Date Oct 27, 2017

Measurement Value 2,840 kg

Estimate Yes

Exclude From Reference Intervals Yes

Report Start Date Sep 20, 2017			Medical History Report for All Record Types	Report End Date SPECIES Nov 09, 2017 <b>3 6</b> ®	
Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

reatment tem/Drug	Chlorhexidine Scrub	4% (4 % (c) Liquid) (Chlorhexid	dine) (PHOENIXIN)			
Dose Amount Dosage Amour Administrated   Quantity -Treatment Response	Dose 400 mg	Frequency Duration Delivery Route Loading Dose	once a day (sid) 7days Topical ~		<b>Drug</b> Liqition Of Drug	uid
Clinical Resp Adverse Effect Adverse Effect	ets ~					
Staff Instructions Following the warm Start treatment on O Administration route	ct 27, 2017 : Topical	cted tissue for about two minutes gentl	y using chlorhexidine scrub 4%, or	nce a day (sid) for 7 day	ys.	
Staff Instructions Following the warm Start treatment on O	ct 27, 2017 : Topical	octed tissue for about two minutes gentl	y using chlorhexidine scrub 4%, or	nce a day (sid) for 7 day	ys.	
Staff Instructions  Following the warm  Start treatment on O  Administration route  Prescription Notes/Con	ct 27, 2017 : Topical	ected tissue for about two minutes gentl	y using chlorhexidine scrub 4%, or			Dono
Staff Instructions  Following the warm  Start treatment on O  Administration route  Prescription Notes/Com  Calendar Items	ct 27, 2017 : Topical ments  Title			Assign	ned To	Done
Staff Instructions  -ollowing the warm Start treatment on O Administration route Prescription Notes/Com  - Calendar Items	ct 27, 2017 : Topical ments  Title	cted tissue for about two minutes gently		Assign		Done No
Staff Instructions  Following the warm Start treatment on O Administration route Prescription Notes/Com Calendar Items  Date  Nov 03, 2017	ct 27, 2017 : Topical ments  Title  5 / Asian elephant / MIG		ub 4% treatment is comple	Assign te Whitney	ned To	
Staff Instructions Following the warm Start treatment on O Administration route Prescription Notes/Com Calendar Items  Date  Nov 03, 2017  Dispensing Records	ct 27, 2017 : Topical ments  Title  5 / Asian elephant / MIG	2-29545888 Chlorhexidine Scr		Assign te Whitney	ned To	
Staff Instructions  Following the warm Start treatment on O Administration route Prescription Notes/Com Calendar Items  Date  Nov 03, 2017  Dispensing Records  Date Dispens	ct 27, 2017 : Topical ments  Title  5 / Asian elephant / MIG1	2-29545888 Chlorhexidine Scr	ub 4% treatment is comple	Assign te Whitney	ned To	
Staff Instructions  Following the warm Start treatment on O Administration route Prescription Notes/Com Calendar Items  Date Nov 03, 2017  Dispensing Records  Date Dispens	ct 27, 2017 : Topical ments  Title  5 / Asian elephant / MIG	2-29545888 Chlorhexidine Scr	ub 4% treatment is comple Quantity Dispe	Assign te Whitney	ned To	

	Basic Info		
ļ	Date Written	Oct 28, 2017	
ĺ	Start Date	Oct 28, 2017 00:00	
l	Prescribed By	Whitney Greene	
۱	Prescribed For	1 animal	

Date Oct 28, 2017

Measurement Value 2,840 kg
Estimate Yes

Exclude From Reference Intervals Yes

Prescription/Treatment

Reason For Treatment ~

	Sep 20, 2017	20, 2017 Medical History Report for All Record Types			R	Report End Date SPECIES Nov 09, 2017 366
- 1	Animal Type	GAN	Preferred ID	Taxonomy	Sex	
	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant		Birth Date
					Female	Oct 29, 1958

Treatment tem/Drug	WATER				
Dose Amount	10 gal liq (US)	Frequency	twice a day (bid)	Form of D	Orua ~
Dosage Amount	t ~	Duration	14days	Concentration	
Administrated D Quantity	ose 10 gal liq (US)	Delivery Route Loading Dose	Topical ~	~	and the same of th
Treatment Response —					
Clinical Respo	nse ~				
Adverse Effect	ts ~				
Adverse Effect	ts Note:				
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N-661	WALL TO THE PROPERTY OF THE PR	ate 4 subsequently a Village supply the last the supply of	PARAMETER STATE OF THE STATE OF		
Apply a warm-hot (as lay (bid) for 14 days. Start treatment on Oct	28, 2017	rater compress using a hose or towel (if	you use a towel, switch out to ke	eep temperature warm), for	r 10-15 minutes twic
Apply a warm-hot (as flay (bld) for 14 days.  Start treatment on Oct Administration route:  Prescription Notes/Comm  Calendar Items	28, 2017 Topical ents	rater compress using a hose or towel (if	you use a towel, switch out to ke		
Apply a warm-hot (as day (bid) for 14 days.  Start treatment on Oct Administration route:  Prescription Notes/Comm  Calendar Items  Date	Title			Assigned To	o Done
Apply a warm-hot (as fay (bid) for 14 days.  Start treatment on Oct administration route:  Prescription Notes/Comm  Calendar Items  Date	Title	rater compress using a hose or towel (if			o Done
Apply a warm-hot (as lay (bid) for 14 days. Start treatment on Oct diministration route: Prescription Notes/Comm. Calendar Items  Date Nov 10, 2017	Title			Assigned To	o Done
Apply a warm-hot (as day (bid) for 14 days.  Start treatment on Octadministration route:  Prescription Notes/Comm Calendar Items  Date  Nov 10, 2017  Dispensing Records	Title  5 / Asian elephant / M	G12-29545888 WATER treatm	ent is complete	Assigned To Whitney Gree	o Done
Apply a warm-hot (as lay (bid) for 14 days.  Start treatment on Oct.  Administration route:  Prescription Notes/Comm.  Calendar Items  Date  Nov 10, 2017  Dispensing Records	Title  5 / Asian elephant / M			Assigned To Whitney Gree	o Done
Apply a warm-hot (as lay (bld) for 14 days. Start treatment on Oct Administration route:  Prescription Notes/Comm Calendar Items  Date  Nov 10, 2017  Dispensing Records  Date Dispenser	Title  5 / Asian elephant / M	G12-29545888 WATER treatm	ent is complete  Quantity Dispe	Assigned To Whitney Gree	o Done
Start treatment on Oct Administration route: Prescription Notes/Comm	Title  5 / Asian elephant / M	G12-29545888 WATER treatm	ent is complete Quantity Dispe	Assigned To Whitney Gree	o Done

Date Written Start Date Prescribed By Prescribed For Reason For Treatmen	Oct 28, 2017 Oct 28, 2017 00:00 Whitney Greene 1 animal	Date Measurement Value Estimate Exclude From Reference Intervals	Oct 28, 201 2,840 kg Yes Yes
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Report Start Date

			Medical History Report for All Record Types		Report End Date SPECIES Nov 09, 2017 <b>36</b>
Animal Type	GAN	Preferred ID	Taxonomy	Sex	
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Birth Date
				remale	Oct 29, 1958

Treatment Detail **Treatment** SSD 1% Cream (10 mg/g Semisolid > Cream) (Silver Sulfadiazine) Item/Drug **Dose Amount** Frequency once a day (sid) Form of Drug Cream **Dosage Amount** Concentration Of Drug Duration 14days Administrated Dose 1 tsp 10 mg/g **Delivery Route** Topical Quantity **Loading Dose** Treatment Response Clinical Response **Adverse Effects Adverse Effects Note:** Staff Instructions Following warm water compress treatment, apply a liberal amount of 1:1:1 mixture of SSD 1% Cream/Preparation H/Triple antibiotic ointment to the front and back of left lateral ear, once a day (bid) for 14 days. Start treatment on Oct 28, 2017 Administration route: Topical Prescription Notes/Comments -Calendar Items Date Title **Assigned To** Done 5 / Asian elephant / MIG12-29545888 SSD 1% Cream treatment is complete Nov 10, 2017 Whitney Greene No Dispensing Records **Date Dispensed** Dispensed By **Quantity Dispensed** Administration Records **Administration Date/Time** Administered By Success **Notes** 

# Prescription/Treatment

Reason For Treatment ~

Report Start Date

Basic Info

Date WrittenOct 28, 2017Start DateOct 28, 2017 00:00Prescribed ByWhitney GreenePrescribed For1 animal

--Weight Info

 Date
 Oct 28, 2017

 Measurement Value
 2,840 kg

 Estimate
 Yes

 Exclude From Reference Intervals
 Yes

	Sep 20, 2017		Medical History Report for All Record Types			Report End Date SPECIES Nov 09, 2017 <b>36</b> @	
ŀ	Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date	
	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	_		
					remale	Oct 29, 1958	

Treatment Detail									
Treatment Item/Drug	DMSO								
Dose Amount	5 Tbsp	Fre	quency	once a	day (sid)		Form of D	rua ~	
Dosage Amoun	t ~		ation	14days			Concentration		
Administrated [	Oose 5 Tbsp	Deli	ivery Route	Topical			~		
Quantity —Treatment Response –		Loa	ding Dose	~			The same of the sa	The state of the s	
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Clinical Respo									
Adverse Effec									
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Staff Instructions	A STATE OF THE STA		1110				Wilder L. Company of the Company of		
Use this cream at th	e evening treatment							·	
After warm water con Start treatment on Oc	press, apply a liberal amount	(~5 Tbsp) of DMSO to a	affected areas on fr	ont and bacl	k of right ear, once	a day (SID)	for 14 days.		
Administration route:						,	,		
Prescription Notes/Comr	nents					- O'lean - war plant years		22	
~							(OL) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C		· · · · · · · · · · · · · · · · · · ·
Calendar Items	and was to the control of the contro	- 1 - 2 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1							
Date	Title						Assigned To	- D	ne
Nov 10, 2017	5 / Asian elephant / N	/IIG12-29545888 [	DMSO treatme	nt is comr	olete		Whitney Greer		
Dispensing Records	on a substitute of the substit	The second secon	a management and the second distance and the second di				vinialey Greet	ie inc	
Date Dispense									
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Administration ~	Date/Time		Administere	d By	Authority	Succes	SS	Notes ~	

# Oct 28, 2017 Clinical note

Date

Time

**Note Author** 

Oct 26, 2017

Report Start Date

00:00

Significant

**Private** 

Whitney Greene

No

**Active Problems** 

Subjective

No

Animal presented for treatments

# Objective

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink. Two pockets of pus on posterior side (same region as they have been). A moderate amount of purulent material is extruded. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

# Treatments:

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Report Start Date Medical History Report for All Record Types Sep 20, 2017

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Тахопоту		Birth Date
Individual	MIG12-29545888	-		Female	Oct 29, 1958

Phone consults with MR and SM regarding treatment plan

# **Assessment**

Condition is stable and active healing is visible

# Plan

- 1. Start on TMS at 22mg/kg PO BID for five days
- 2. Continune on current treatment plan

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items						
	Date		Assigned To	Done		
	~	~	~	~		
P						

Prescription/Treatment

- Basic Info

**Date Written** 

Oct 26, 2017

**Start Date** 

Oct 26, 2017 00:00

Prescribed By

Whitney Greene

**Prescribed For** 

1 animal

Reason For Treatment ~

Weight Info

Date

**Measurement Value** 

Oct 26, 2017 2,840 kg

**Estimate** 

Yes

**Exclude From Reference Intervals** 

Yes

Report Start Date Report End Date SPECIES Nov 09, 2017 360 Medical History Report for All Record Types Sep 20, 2017 GAN Animal Type Preferred ID Taxonomy Birth Date Sex Individual MIG12-29545888 Elephas maximus/Asian elephant Female Oct 29, 1958

Treatment Detail **Treatment** Sulfatrim-DS [800:160] (960 mg Solid > Tablet) (Sulfamethoxazole; Trimethoprim) Item/Drug **Dose Amount** 62,480 mg Frequency Form of Drug Tablet twice a day (bid) Concentration Of Drug **Dosage Amount** 22 mg/kg Duration 5days Administrated Dose 65.083 count 960 mg **Delivery Route** Oral (p.o.) Quantity **Loading Dose** Treatment Response **Clinical Response Adverse Effects** Adverse Effects Note: Staff Instructions Give 62,480 mg [65.083 count] of Sulfatrim-DS [800:160], twice a day (bid) for 5 days. Start treatment on Oct 26, 2017 Administration route: Oral (p.o.) Prescription Notes/Comments Calendar Items Title **Date Assigned To** Done Dispensing Records **Date Dispensed** Dispensed By **Quantity Dispensed** 

-Administration Records

l	Administration Date/Time	Administered By	Success	Notes
Ì	~	~	~	~

# Oct 25| 2017

Clinical note Date

Time

**Note Author** 

Oct 25, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

# Subjective

Animal presented for ongoing treatment and recheck exam

### Objective

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink. Two pockets of pus on posterior side (same region as they have been). A moderate amount of purulent material is extruded. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

### Measurements

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23.5 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 48 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 7 cm (from base of flap)
- 4. Widest portion of affected tissue: 5.5 cm

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

#### Treatments:

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Phone consults with MR, SM, and TT regarding treatment plan

#### Assessment

Condition is stable with active healing occuring

#### Plan

- 1. Decrease warm watercompresses and topical treatments to BID (DMSO mixture in morning and SSD mixture in evening).
- 2. Preliminary culture results are back and consulting with SM and MR regarding sensitivity and susceptibility

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

Date	Title	Assigned To	Done
	~	~	~

# Oct 24, 2017

annical note		
Date	Time	Note Author
Oct 24, 2017	00:00	Whitney Greene
Significant	Private	Active Problems
No	No	~

# Subjective

Animal presented for recheck exam and treatments

# Objective

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a pale pink. Two pockets of pus on posterior side (same region as they have been). A moderate amount of purulent material is extruded. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

### Measurements

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23.5 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47.5 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 8 cm (from base of flap)
- 4. Widest portion of affected tissue: 5.5 cm

### Treatments:

- 1. Warm water compress using hose and clean towels daily for ten minutes
- 2. Chlorohexidine exfoliation for two minutes with debridement
- 3. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

Phone consults with MR and SM regarding treatment plan

### **Assessment**

Ear is healing well with no signs of inflammation around any suture sites

### Plan

Continue on current treatment plan

# **Animal Care Staff Medical Summary**

Report Start Date Sep 20, 2017			Medical History Report for All Record Types	F	Report End Date SPECIES Nov 09, 2017 <b>36</b>
Animal Type	GAN	Preferred ID	Taxonomy	Sex	
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	36X	Birth Date
			Ciepnas maximus/Asian ejepnant	Female	Oct 29, 1958

1	Calendar Items			
	Date	Title	Assigned To	Done
1	~	~	~	~
L	The second secon	The state of the s		

Clinical note

Date Oct 22, 2017

Time 00:00 **Note Author** Whitney Greene

**Private** Nο

Active Problems

Significant Subjective

Animal presented for ongoing care and treatment

# Objective

BAR

EENT: bright and clear bilaterally. Ear is soft diffusely and healing tissue is a light pink color. Minimal pus extruded from pockets. No blood, scabbing, erythema, or purulent material observed around any suture.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

## Treatments:

- 1. 6 joules of laser along outer perimeter and medial region
- 2. Warm water compress using hose and clean towels daily for ten minutes
- 3. Chlorohexidine exfoliation for two minutes
- 4. Topical application of SSD/Triple Antibiotic/Preparation H ointment (liberally to affected portion of anterior ear and entire posterior ear).

# **Assessment**

Condition is stable, more granulation tissue is visible today

# Plan

Continue on current treatment plan

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

П				
L	Date	Title	Assigned To	Done
Ш				Done
Ш	~	<i>~</i>	~	
Ш				~
		mileton manuscript and a second secon		

Oct 21, 2017

Basic Info

Prescription/Treatment

**Date Written Start Date** 

Oct 20, 2017 Oct 21, 2017 00:00 Whitney Greene

Prescribed By Prescribed For

1 animal

Reason For Treatment ~

Weight Info

Date

Oct 20, 2017

Measurement Value **Estimate** 

2,840 kg Yes

**Exclude From Reference Intervals** 

Yes

Printed: Nov 09, 2017

	Sep 20, 2017			Medical History Report for All Record Types	Nov 09, 2017 3	
Į	Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

Freatment tem/Drug	Phenylbutazone				
Dose Amount	2 g	Frequency	once a day (sid)	Form of Dru	
Dosage Amoun Administrated C Quantity -Treatment Response -	0.7 mg/kg 1 <b>0se</b> 2 g	Duration Delivery Route Loading Dose	30days Oral (p.o.) ~	~ Concentration C	of Drug
Clinical Respo	onse ~				
Adverse Effec					
Adverse Effec	ts Note:				
~					
Control of the contro		and the same of th	and the second s		
Give two scoops (2 gi	of Phenylbutazone, once a day t 09, 2017 Oral (n.o.)	(sid) for 30 days.	The state of the s		
Give two scoops (2 g Start treatment on Oc Administration route: Prescription Notes/Comr	t 09, 2017 Oral (p.o.)	(sid) for 30 days.			
Staff Instructions  Give two scoops (2 g) Start freatment on Oc Administration route:  Prescription Notes/Comr  Calendar Items	t 09, 2017 Oral (p.o.)	(sid) for 30 days.		Assigned T	
Give two scoops (2 g Start freatment on Oc Administration route: Prescription Notes/Comr	t 09, 2017 Oral (p.o.) Hents	(sid) for 30 days. 12-29545888 Phenylbutazone	e treatment is complete	Assigned To Whitney Gree	
Give two scoops (2 g) Start treatment on Oc Administration route: Prescription Notes/Comr Calendar Items  Date Nov 19, 2017	t 09, 2017 Oral (p.o.) Hents		e treatment is complete		
Give two scoops (2 g) Start treatment on Oc Administration route: Prescription Notes/Comr	Title  5 / Asian elephant / MiG			Whitney Gree	
Give two scoops (2 g) Start treatment on Oc Administration route: Prescription Notes/Comr	Title  5 / Asian elephant / MiG	12-29545888 Phenylbutazono	e treatment is complete  Quantity Dispe	Whitney Gree	
Give two scoops (2 g) Start treatment on Oc Administration route: Prescription Notes/Comr	Title  5 / Asian elephant / MiG	12-29545888 Phenylbutazone  Dispensed By		Whitney Gree	
Give two scoops (2 g) Start treatment on Oc Administration route: Prescription Notes/Comr	t 09, 2017 Oral (p.o.) nents  Title  5 / Asian elephant / MiG	12-29545888 Phenylbutazone  Dispensed By	Quantity Dispe	Whitney Gree	

Report Start Date

Clinical note Date

Time

**Note Author** 

Oct 20, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Subjective

Animal presented for a recheck exam and biopsy with WG and MR

# Objective

Animal is BAR, BCS 6/9

EENT: bright and clear eyes bilaterally, mild clear discharge on right eye. Ear has some sloughing and purulent material on posterior surface. Purulent material is extruded and entire ear is cleaned prior to biopsy collection.

Oral: pink mm throughout, well hydration

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness.

Biopsy collection (performed by MR): 3cc of lidocaine adminsitered at location for biopsy samples. The ear is prepped with dilute chlorohexidine and sterile saline. 4mm biopsy samples are taken from four locations and placed in formalin. A culture was collected from one of the biopsy sites. 3.0 PDS used to place a single interrupted suture in 3/4 sites.

Warm water compress for ten minutes using towels and hose Topical SSD/Preparation H/Triple antibiotic liberally over ear diffusely

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Тахопоту	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

# **Assessment**

Animal tolerated procedure well

Purulent material consistent with a healing pocket

DDX: Vasculitis

#### Plan

- 1. Biopsy samples and culture being sent out for analysis
- 2. Continue on current treatment plan TID
- 3. Double Bute dosage up to 0.75mg/kg
- 4. Add in surgical brush to help debride tissue during warm water compress

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

Date	Title	Assigned To	Done
~	~	~	~

# Prescription/Treatment

-Basic Info

**Date Written** 

Oct 20, 2017

**Start Date** 

Oct 20, 2017 00:00

Prescribed By

Whitney Greene

**Prescribed For** 

1 animal

Reason For Treatment ~

·Weight Info

Date

**Measurement Value** 

Oct 20, 2017

2,840 kg

**Estimate** 

Yes

**Exclude From Reference Intervals** 

Yes

Report Start Da Sep 20, 2017	te		Medical History Report for All Record Types	Report End Date Nov 09, 2017		
Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date	
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958	

reatment tem/Drug	Chlorhexidine Scru	b 4% (4 % (c) Liquid) (Chlorhexi	dine) (PHOENIXIN)			
Dose Amount	10 ml	Frequency	once a day (sid)		orm of Drug Lie	quid
Oosage Amount Administrated Dose Quantity -Treatment Response	~ 10 ml	Duration Delivery Route Loading Dose	7days Topical ~		-Concentration Of Drug -	III Washington
Clinical Response Adverse Effects Adverse Effects N	~		,			
~				aten e e e e e e e e e e e e e e e e e e		Most and the same
Following the warm water s	.017	ffected tissue for about two minutes gentl	y using chlorhexidine scrub 4%, o	once a day (sid	l) for 7 days.	TECH VIII VIII
Administration route: Topic Prescription Notes/Comments =	al	ffected tissue for about two minutes gentl	y using chlorhexidine scrub 4%, o	once a day (sid	l) for 7 days.	
Following the warm water start treatment on Oct 20, and the start treatment on Oct 20, and the start treatments of the start treatments of the start treatment o	al				l) for 7 days.  Assigned To	Done
Following the warm water start treatment on Oct 20, and indistration route: Topic Prescription Notes/Comments - Calendar Items - Title	al	ffected tissue for about two minutes gentl		777		<b>Done</b> No
Following the warm water start treatment on Oct 20, 2 Administration route: Topic Prescription Notes/Comments - Calendar Items - Date Title Oct 26, 2017 5 / A	al			777	Assigned To	
Following the warm water s Start treatment on Oct 20, 2 Administration route: Topic Prescription Notes/Comments =  Calendar Items  Date  Title Oct 26, 2017  Dispensing Records	al		ub 4% treatment is comple	ete	Assigned To	
Following the warm water start treatment on Oct 20, administration route: Topic  Prescription Notes/Comments = Calendar Items  Title	al	12-29545888 Chlorhexidine Scri		ete	Assigned To	
Following the warm water start treatment on Oct 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	al	12-29545888 Chlorhexidine Scru  Dispensed By	ub 4% treatment is comple	ete	Assigned To	
Following the warm water start treatment on Oct 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	sian elephant / MIC	12-29545888 Chlorhexidine Scru  Dispensed By	ub 4% treatment is comple Quantity Dispera	ete	Assigned To	No

Clinical note **Date** Time **Note Author** Oct 19, 2017 00:00 Whitney Greene Significant **Private Active Problems** 

No

No

Subjective

Animal presented for ongoing treatment and care

# Objective

BAR

EENT: bright and clear bilaterally. Ear is unchanged from yesterday minus one small pocket of purulent debris along the posterior lateral margin

### Measurments:

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 49 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 12 cm (from base of flap)

4. Widest portion of affected tissue: 5.5 cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with more mobility in right carpus subjectively observed

Printed: Nov 09, 2017

Report Start Da Sep 20, 2017	te		Medical History Report for All Record Types		Report End Date SPECIES Nov 09, 2017 36 @
Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5 Elephas maximus/Asian elephant		Female	Oct 29, 1958

### **Assessment**

Condition is stable, animal tolerated all treatments well

#### Plan

- 1. MR coming in for assessment tomorrow
- 2. Continue on current treatment plan

# **Animal Care Staff Medical Summary**

Calendar Items

 Date	Title	Assigned To	Done
~	~	~	~

# Prescription/Treatment

Basic Info

Date Written

Oct 19, 2017

**Start Date** 

Oct 19, 2017 00:00

Prescribed By

Whitney Greene

**Prescribed For** 

1 animal

Reason For Treatment ~

Weight Info =

Date

Oct 19, 2017

Measurement Value

- - - - -

Estimate

2,840 kg

Louinate

Yes

**Exclude From Reference Intervals** 

Yes

Report Start Date Sep 20, 2017

Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 360

Animal Type GAN Preferred ID Taxonomy Sex Birth Date
Individual MIG12-29545888 5 Elephas maximus/Asian elephant Female Oct 29, 1958

reatment Detail					
Treatment Item/Drug	WATER				
Dose Amount Dosage Amount	10 gal liq (US)	Frequency Duration	three times a day (tid) 7days	Form of Dru	
Administrated D Quantity  —Treatment Response—	i <mark>ose</mark> 10 gal liq (US)	Delivery Route Loading Dose	Topical ~	~	
Clinical Respo Adverse Effec Adverse Effec	ts ~				
Staff Instructions  Apply a warm-hot (as	warm as animal will tolerate) wa	ter compress using a hose or towel (	if you use a towel, switch out to keep	temperature warm), for 10	0-15 minutes three
	days. t 19, 2017 Topical	ter compress using a hose or towel (	if you use a towel, switch out to keep	temperature warm), for 10	0-15 minutes three
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route: Prescription Notes/Comm	days. t 19, 2017 Topical	nter compress using a hose or towel (	if you use a towel, switch out to keep		
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:	t 19, 2017 Topical ments  Title	iter compress using a hose or towel (		Assigned To Whitney Green	Done
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:	t 19, 2017 Topical ments  Title			Assigned To	Done
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:  Prescription Notes/Comm  Calendar Items  Date Oct 25, 2017	days.  t 19, 2017 Topical  nents  Title  5 / Asian elephant / MIC			Assigned To Whitney Green	Done
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:  Prescription Notes/Comm  Calendar Items  Date Oct 25, 2017  Dispensing Records	days.  t 19, 2017 Topical  nents  Title  5 / Asian elephant / MIC	912-29545888 WATER treatn	nent is complete	Assigned To Whitney Green	Done
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:  Prescription Notes/Comm  Calendar Items  Date Oct 25, 2017  Dispensing Records  Date Dispense	days.  t 19, 2017 Topical  ments  Title  5 / Asian elephant / MIC	G12-29545888 WATER treatn	nent is complete  Quantity Dispen	Assigned To Whitney Green	Done
Apply a warm-hot (as times a day (tid) for 7 Start treatment on Oc Administration route:  Prescription Notes/Comm  Calendar Items  Date Oct 25, 2017  Dispensing Records  Date Dispense	days.  It 19, 2017 Topical  ments  Title  5 / Asian elephant / MIC	G12-29545888 WATER treatn	nent is complete Quantity Dispen	Assigned To Whitney Green	Done

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Basic Info-

Date WrittenOct 19, 2017Start DateOct 19, 2017 00:00Prescribed ByWhitney GreenePrescribed For1 animal

Reason For Treatment ~

-Weight Info

DateOct 19, 2017Measurement Value2,840 kgEstimateYesExclude From Reference IntervalsYes

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36

 Animal Type
 GAN
 Preferred ID
 Taxonomy
 Sex
 Birth Date

 Individual
 MIG12-29545888
 5
 Elephas maximus/Asian elephant
 Female
 Oct 29, 1958

Treatment Detail

Treatment Item/Drug

SSD 1% Cream (10 mg/g Semisolid > Cream) (Silver Sulfadiazine)

Dose Amount

Quantity

1 tsp

Frequency

twice a day (bid)

Duration

7days

Delivery Route Loading Dose Topical

. . . . . .

Form of Drug Cream
Concentration Of Drug

10 mg/g

Treatment Response

**Dosage Amount** 

Clinical Response

Administrated Dose 1 tsp

Adverse Effects ~

Adverse Effects Note:

Staff Instructions

Following warm water compress treatment, apply a liberal amount of 1:1:1 mixture of SSD 1% Cream/Preparation H/Triple antibiotic ointment to the front and back of left lateral ear, twice a day (bid) for 7 days.

Start treatment on Oct 19, 2017 Administration route: Topical

Prescription Notes/Comments

~

Calendar Items

Date	Title	Assigned To	Done
Oct 25, 2017	5 / Asian elephant / MIG12-29545888 SSD 1% Cream treatment is complete	Whitney Greene	No

Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

-Administration Records

Administration Date/Time	Administered By	Success	Notes
~	~	~	~

# Prescription/Treatment

Basic Info

Date WrittenOct 19, 2017Start DateOct 19, 2017 00:00Prescribed ByWhitney GreenePrescribed For1 animal

Prescribed For 1
Reason For Treatment ~

-Weight Info

Date Measurement Value Oct 19, 2017 2,840 kg

Estimate
Exclude From Reference Intervals

Yes

als Yes

Report Start Date Sep 20, 2017

Medical History Report for All Record Types

Medical History Report for All Record Types

Animal Type GAN Preferred ID Taxonomy

Report End Date Species Nov 09, 2017 368

Elephas maximus/Asian elephant

Female

Oct 29, 1958

reatment em/Drug	DMSO				
ose Amount	5 Tbsp	Frequency	once a day (sid)	Form of Dr	
osage Amoun	t ~	Duration	7days	Concentration	Of Drug
dministrated C uantity Treatment Response		Delivery Route Loading Dose	Topical ~		
Clinical Respo					
Adverse Effec					
Adverse Effec					
~	indirinas (1800—813 de la companya d	The state of the s		, more common noncommunication that the little control of the cont	WATER TO BE STUDIOUS HIM TO BE TO SEE
	proprietation and the state of	N TO ANNO 1997 AND THE STATE OF	The state of the s	erenen mente un secretar describentation de la constitución de la cons	The state of the s
Excellent the state of the stat					
Jse this cream at the After warm water constant treatment on O	ct 19, 2017	(~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a	day (SID) for 7 days.	
Use this cream at the After warm water constant treatment on Oradministration route  Prescription Notes/Com	npress, apply a liberal amount ( ct 19, 2017 Topical	(~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a	day (SID) for 7 days.	
Staff Instructions  Use this cream at the After warm water constant treatment on OAdministration route  Prescription Notes/Come  Calendar Items	npress, apply a liberal amount ( ct 19, 2017 Topical	(~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a	day (SID) for 7 days.  Assigned To	Done
Use this cream at the fifter warm water constant treatment on Oral Manufacture of the first treatment on Oral Manufacture of the first treatment on Oral Manufacture of the first treatment of the first treat	mpress, apply a liberal amount (ct 19, 2017 Topical ments  Title	(~5 Tbsp) of DMSO to affected areas on			
Use this cream at the After warm water constant treatment on Oradministration route Prescription Notes/Communication Prescription Notes/Communication Prescription Notes/Communication Notes/Communication Notes/Communication	mpress, apply a liberal amount (ct 19, 2017 Topical ments  Title			Assigned To	
Jse this cream at the After warm water constant treatment on Oradministration route Prescription Notes/Com Calendar Items  Date Oct 25, 2017  Dispensing Records	mpress, apply a liberal amount (ct 19, 2017 Topical ments  Title  5 / Asian elephant / N	/IIG12-29545888 DMSO treatmo	ent is complete	Assigned To Whitney Gree	
Use this cream at the After warm water constant treatment on Oradministration route Prescription Notes/Com Calendar Items	mpress, apply a liberal amount (ct 19, 2017 r. Topical ments  Title  5 / Asian elephant / N.	/IIG12-29545888 DMSO treatme	ent is complete  Quantity Disp	Assigned To Whitney Gree	
Use this cream at the After warm water constant treatment on Oral Manufacture of Administration route Prescription Notes/Communication Prescription Notes/Communication Notes/Communicatio	mpress, apply a liberal amount (ct 19, 2017 Topical ments  Title  5 / Asian elephant / N	/IIG12-29545888 DMSO treatmo	ent is complete	Assigned To Whitney Gree	
Use this cream at the After warm water constant treatment on Oradministration route Prescription Notes/Compared Calendar Items  Date Oct 25, 2017  Date Dispensing Records	mpress, apply a liberal amount (ct 19, 2017) Topical ments  Title  5 / Asian elephant / Need	/IIG12-29545888 DMSO treatme	ent is complete  Quantity Disp	Assigned To Whitney Gree	
Use this cream at the After warm water constant treatment on Oradministration route Prescription Notes/Common Calendar Items  Date  Oct 25, 2017  Dispensing Records  Date Dispens	mpress, apply a liberal amount (ct 19, 2017 Topical ments  Title  5 / Asian elephant / N	/IIG12-29545888 DMSO treatme	ent is complete  Quantity Disp	Assigned To Whitney Gree	

# Oct 18, 2017

Date Time Note Author
Oct 18, 2017 00:00 Whitney Greene
Significant Private Active Problems

No No

**Subjective** 

Individual

MIG12-29545888

Animal presented for ongoing treatment

# Objective

EENT: bright and clear bilaterally. The ear has pink tissue throughout the pinnae and on posteror lateral aspect. Some sloughing noted along posterior and anterior demarcation, Overally the ear is more flexible with a larger amount of pink tissue observed than previously witnessed. Some sloughing and fibrin are noted along the internal pinnae convex aspect

Measurements:

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 49 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 12 cm (from base of flap)
- 4. Widest portion of affected tissue: 5.5 cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 **36** 

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

treatments and animal walked outside readily through the chute with no signs of stiffness in the right front leg.

Updates and phone consult with dermatologist, MR, and SM

# **Assessment**

Condition looks visibly improved and is actively healing

# Plan

- 1. Continue on all current treatments through Friday
- 2. MR coming in for assessment on friday

Written by WG

# **Animal Care Staff Medical Summary**

ı	Date	Title	Assigned To	Done
	~	~	~	~

# Clinical note

Date

Time

**Note Author** 

Oct 18, 2017

16:00

Marcy Cocchiola

**Significant** 

**Private** 

**Active Problems** 

NI.-

No

\_.

Note Subtype: General Notes/Comments

Laser therepy 6 joules to right GB28, GB29, GB30, and GB34

# **Animal Care Staff Medical Summary**

Calendar Items

Γ	alendar (lems				
	Date	Title	Assigned To	Done	
	~	~	~	~	

### Oct 17, 201

Clinical note

Date

No

Time

Note Author

Oct 17, 2017

00:00

Whitney Greene

Significant

Private No **Active Problems** 

Note Subtype: General

Notes/Comments

Measurements and treatment done with MC

### Measurements:

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 24 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 6 cm (from base of flap)
- 4. Widest portion of affected tissue: 6.5 cm

# **Animal Care Staff Medical Summary**

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Sep 20, 2017			Medical History Report for All Record Types		Report End Date SPECIES Nov 09, 2017 366	
Animal Type	GAN	Preferred ID	Taxonomy	804		
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date	
				Female	Oct 29, 1958	

Date	Title	Assigned To	Done
~	~	~	~
-			

Report Start Date

Clinical note Date

Time

**Note Author** 

Oct 15, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Note Subtype: General **Notes/Comments** 

Measurements and treatment done with MC

Measurements:

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 49 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 5 cm (from base of flap)

4. Widest portion of affected tissue: 5 cm

# **Animal Care Staff Medical Summary**

Calendar Items

П		170		
ı	Date	Title	Assigned To	Done
l	~	~	~	
L				

# Oct 14 | 2017. Clinical note

Date

Time

**Note Author** 

Oct 14, 2017

00:00

Whitney Greene

**Significant** 

**Private** 

No

No

**Active Problems** 

Note Subtype: General

**Notes/Comments** 

Measurements and treatments done with MC and MR

Measurements:

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 27 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 49 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 9.5 cm (from base of flap)

4. Widest portion of affected tissue: 6 cm

# **Animal Care Staff Medical Summary**

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Ш	Date	Title	Assigned To	Done
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# Oct 131/2017

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Date	Time	Note Author
Oct 13, 2017	12:00	Marcy Cocchiola
Significant	Private	Active Problems

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# Medical History Report for All Record Types

Report End Date SPECIE Nov 09, 2017 36@

GAN	Preferred ID	Taxonomy	Sex	Birth Date
MIG12-29545888		Elephas maximus/Asian elephant	Female	Oct 29, 1958

No

No

Note Subtype: General

**Notes/Comments** 

Laser therepy 3 joules to Lateral and medial right carpus, \$12/13, BL40

# **Animal Care Staff Medical Summary**

Calendar Items

	itle	Assigned To	Done
~		~	~

# Clinical note

Date

Time

**Note Author** 

Oct 13, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Note Subtype: General **Notes/Comments** 

Measurements and treatments done with MC

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 24 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 11 cm (from base of flap)
- 4. Widest portion of affected tissue: 5 cm

# **Animal Care Staff Medical Summary**

Date	Title	Assigned To	Done
~	~	~_	~
	Date ~	Date Title	Date Title Assigned To

Oct 11, 2017

# Clinical note

**Date** 

Time

**Note Author** 

Oct 11, 2017

00:00

Whitney Greene

Significant

**Private** No

**Active Problems** 

Subjective

Animal presented fror ongoing care and treatments

# Objective

EENT: eyes are bright and clear bilaterally. Overall the back of the ear is more yellow-brown in color- very little red is still observed and none of the dark-purple areas are visualized. The lateral ridge of the convex pinnae has some red areas and moderate skin sloughing. Skin sloughing on back of ear appears unchanged. All areas of skin sloughing have pink healthy tissue underneath. No blanching observed anywhere on posterior ear. The most distal hardened areas appear unchanged.

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47.5 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 9 cm (from base of flap)
- 4. Widest portion of affected tissue: 6.5 cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness in the right front leg. Treatments:

- 1. Laser (three joules) applied over three spots along the periphery of ear both cranially and caudally (six joules total) and another three joules applied over four spots along the medial portion of the ear both proximally and distally.
- 2. Warm water compress using towels and hose on front and back of ear for ten minutes
- 3. Preparation H/SSD/triple antibiotic mixture applied liberally to both anterior and posterior aspects of ear
- 4. Measurements of affected ear taken and recorded

# **Medical History Report for All Record Types**

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958

Phone consults with MR and SM

### **Assessment**

Ear is improving and starting to heal

# Plan

Continue on current treatment plan with all treatments for a week

Written by WG

# **Animal Care Staff Medical Summary**

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Calendar Items

Date	Title	Assigned To	Done
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Constitution of the Consti	The second control of		

Oct 10 2017

Clinical note

Date

Time

Note Author

Oct 10, 2017

12:30

Marcy Cocchiola

Significant

**Private** 

**Active Problems** 

No

No

Note Subtype: General

**Notes/Comments** 

Laser therepy 3 joules to right BG 28, GB29, GB30, GB34

# **Animal Care Staff Medical Summary**

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Calendar Items

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	Date	Title	Assigned To	Done
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l l	Manager and the second			

# Clinical note

Date

Time

Note Author

Oct 10, 2017

00:00

Whitney Greene

Significant

**Private** 

**Active Problems** 

No

No

Active Proble

# Subjective

Animal presented for exam and treatments

# Objective

BAR, BCS: 6/9 (concurred among DVMs) Assessment by veterinarians WG, MR, SS Measurements

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 48 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 9.5 cm (from base of flap)
- 4. Widest portion of affected tissue: 6.5 cm

Multiple phone consults with boarded veterinary dermatologist

# Assessment

SS and MR: Ear looks much improved- continue on current treatment plan for another week as is. Discussed antibiotics and decided against.

Assessment from dermatologists: improvement is observable. Continue on current treatment plan for another week. Consider addition of omega 3 and 6s. If skin sloughing progresses, consider a topical steroid cream

Diagnosis: Vascultis

DDX: trauma, secondary to injection, neoplasia, autoimmune, other

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Most likely multi-factorial in etiology

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

	Animal Type	GAN	Preferred ID	Taxonomy		Nov 09, 2017 36
	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date
1					Female	Oct 29, 1958

# Plan

- 1. Continue on current treatment plan for another week
- 2. Consider addition of omega 3s and 6s
- 3. If skin sloughing observed, consider a topical steroid cream in addition

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

l	Date	Title	Assigned To	
$\  \ $	~	~	~	Done
				~

# Oct 09, 2017

Clinical note Date Time **Note Author** Oct 09, 2017 00:00 Whitney Greene

**Significant Private** No

Active Problems

No

# Subjective

Animal presented for exam and treatments

# Objective

BAR, behaviorally engaged throughout session

EENT: eyes are bright and clear bilaterally. Overall the ear seems more soft with greater mobility diffusely. The posterior ear is less erythematous and more yellow-brown. There is some skin sloughing noted along the more proximal aspect as well as along the cranial lateral ridge of the ear. The most distal hardened areas appear unchanged.

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 22.5 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 48 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 8.5 cm (from base of flap)
- Widest portion of affected tissue: 7 cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized. Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness in the right front leg.

- 1. Laser (three joules) applied over two spots along the periphery of ear both cranially and caudally (six joules total) and another three joules applied over four spots along the medial portion of the ear both proximally and distally.
- 2. Warm water compress using towels and hose on front and back of ear for ten minutes
- 3. Preparation H/SSD/triple antibiotic mixture applied liberally to both anterior and posterior aspects of ear
- 4. Measurements of affected ear taken and recorded

# Assessment

Concave pinna is peeling more with pink tissue underneath. No blanching observed on convex aspect.

Animal tolerated all treatments well.

# Plan

- 1. Continue on current treatment plan
- 2. Assessments with veterinarians (MR and SS) tomorrow

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

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П	Date					
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П	L		~			
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# Prescription/Treatment

Basic Info -**Date Written** Oct 09, 2017 **Start Date** Oct 09, 2017 00:00 Prescribed By Whitney Greene **Prescribed For** 1 animal **Terminated On** Oct 20, 2017

**Termination Reason** Altered/edited prescription

Reason For Treatment ~

Weight Info

Date Oct 09, 2017 Measurement Value 2,840 kg **Estimate** Yes **Exclude From Reference Intervals** Yes

Treatment Detail

**Treatment** Item/Drug

Phenylbutazone

**Dose Amount** 1 g **Dosage Amount** 

0.35 mg/kg

Administrated Dose Quantity

Frequency Duration

once a day (sid) 30days

**Delivery Route Loading Dose** 

Oral (p.o.)

Form of Drug ~ Concentration Of Drug

Treatment Response

**Clinical Response Adverse Effects** Adverse Effects Note:

Staff Instructions

Give one scoop (1 g) of Phenylbutazone, once a day (sid) for 30 days. Start treatment on Oct 09, 2017 Administration route: Oral (p.o.)

Prescription Notes/Comments

·Calendar Items

Date	Title	Assigned To	Done
~	~	~	~

Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

Administration Records

	Administration Date/Time	Administered By	Success	Notes
L		~	~	~

Oct 08, 2017

Clinical note

Date Oct 08, 2017

Time 00:00 **Note Author** 

Significant

Private

Whitney Greene **Active Problems** 

No

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Note Subtype: General **Notes/Comments** 

Measurements and treatment done with MC

Measurements:

Printed: Nov 09, 2017

**Buttonwood Park Zoo** 

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

	Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
i	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant		Oct 29, 1958
- 1			·		i. Omaio	Oct 29, 1900

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 24 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47 cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 6 cm (from base of flap)

4. Widest portion of affected tissue: 7 cm

# **Animal Care Staff Medical Summary**

Calendar Items

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H	Date	Title	Assigned To	Done		
	~	~	~	~		
Ľ						

# Prescription/Treatment

Basic Info

**Date Written** 

Oct 08, 2017

**Start Date** 

Oct 08, 2017 00:00

Prescribed By

Whitney Greene

**Prescribed For** 

1 animal

Reason For Treatment ~

Weight Info

Date

Oct 08, 2017

**Measurement Value** 

2,840 kg

**Estimate** 

Yes

**Exclude From Reference Intervals** 

Yes

Treatment Detail

**Treatment** Item/Drug

SSD 1% Cream (10 mg/g Semisolid > Cream) (Silver Sulfadiazine)

**Dose Amount** 

1 tsp

Frequency

twice a day (bid)

Form of Drug Cream

**Dosage Amount** 

Duration

7days

Concentration Of Drug

Administrated Dose 1 tsp

**Delivery Route** 

Topical

10 mg/g

Quantity

**Loading Dose** 

Treatment Response

**Clinical Response Adverse Effects** 

Adverse Effects Note:

Staff Instructions

Following warm water compress treatment, apply a liberal amount of 1:1:1 mixture of SSD 1% Cream/Preparation H/Triple antibiotic ointment to the front and back of left lateral ear, twice a day (bid) for 7 days.

Start treatment on Oct 08, 2017 Administration route: Topical

Prescription Notes/Comments

Calendar Items

Date	Title	Assigned To	Done
Oct 14, 2017	5 / Asian elephant / MIG12-29545888 SSD 1% Cream treatment is complete	Whitney Greene	No

Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

Administration Records

Administration Date/Time	Administered By	Success	Notes
~	~	~	~

	Sep 20, 2017			Medical History Report for All Record Types	F	Report End Date SPECIES
ĺ	Animal Type	GAN	Preferred ID	Taxonomy		Nov 09, 2017 <b>36</b>
ı	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date
i				Librius maximus/Asian elephant	Female	Oct 29, 1958

Oct 07/ 2017

Report Start Date

Clinical note Date Time **Note Author** Oct 07, 2017 00:00 Whitney Greene Significant **Private Active Problems** Nο No

Subjective

Animal presented for exam and treatments

# Objective

EENT: eyes are bright and clear bilaterally. The affected area appears subjectively smaller along the most cranial lateral aspect. Minimal sloughing along the lateral margin and along the back of the proximal medial aspect. Pink tissue is observed underneath the sloughing skin. The posterior ear is less red and more dark purple than red and there are two open areas with pink tissue underneath (see picture). The hardened areas along the periphery are unchanged overall but point four and point one are smaller in size (see

- Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
- Start of affected area from #1 to the tip of most ventral aspect of ear: 47cm
- Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 8 cm (from base of flap)
- Widest portion of affected tissue: 7.5cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized. Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness in the right front leg. Treatments:

- 1. Laser (three joules) applied over two spots along the periphery of ear both cranially and caudally (six joules total) and another three joules applied over four spots along the medial portion of the ear both proximally and distally.
- 2. Warm water compress using towels and hose on front and back of ear for ten minutes
- 3. Preparation H/SSD mixture applied liberally to both anterior and posterior aspects of ear
- 4. Measurements of affected ear taken and recorded

Blood work received back from UMiami and gone over with MR and SM ->

monocytosis (mild and consistent for individual) and elevated total protein; SAA and other parameters are WNL

# Assessment

Animal tolerated all procedures well

Diagnosis: Vasculitis

 $\overline{\text{DDX}}$ : trauma, degenerative, secondary to injection, neoplasia, autoimmune, other

### Plan

- 1. Continue on current treatment regimen
- 2. Bute powder ordered, start on treatment at 0.25mg/kg PO SID once arrived

Written by WG

# Animal Care Staff Medical Summary

Calendar Items

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# The state of the s

Oct 06 2017		
Clinical note		
Date	Time	Note Author
Oct 06, 2017	00:00	Whitney Greene

Significant No

**Private** 

**Active Problems** 

No

# Subjective

Animal presented for exam and treatments

# Objective

BAR and behaviorally engaged throughout session

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36@

	Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
ĺ	Individual	MIG12-29545888	5	Elephas maximus/Asian elephant		Oct 29, 1958
				· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,	, 001 20, 1000

- EENT: eyes are bright and clear bilaterally, small amount of clear discharge bilaterally. The affected tissue on the ear was marked using a black sharpie and
  - Skull to the initial start of firm tissue along outermost perimeter of ear: 23 cm
  - 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47cm
  - 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 7.5 cm (from base of flap)
  - 4. Widest portion of affected tissue: 8.5cm
- Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.
- Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.
- Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body. Lesion on inner pinnae was rinsed during compress and only a small amount of scabbing is observed.
- Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness in the right front leg.
- - 1. Warm water compress using towels and hose on front and back of ear for ten minutes
  - 2. Preparation H/SSD mixture applied liberally to both anterior and posterior aspects of ear
  - 3. Measurements of affected ear taken and recorded

Consults and update with SM, MR, and ACVD

#### Assessment

Condition is stable, animal tolerated all procedures well

Diagnosis: Vasculitis

DDX: trauma, degenerative, secondary to injection, metabolic, neoplasia, autoimmune, other

#### Plan

- 1. Laser therapy to be done at four to six points along the anterior and posterior area of affected ear
- 2. Added in DMSO at midday treatment. Will mix with BagBalm at 2:1 ratio going forward.

# Animal Care Staff Medical Summary

Calendar Items

Date	Title	Assigned To	Done
~	~	~	~

# Oct 05, 2017.

Sillical Hote		
Date	Time	Note Author
Oct 05, 2017	00:00	Whitney Greene
Significant	Private	Active Problems
No	No	

# Subjective

Animal presented for exam, treatments, and measurements with WG and MR

# Objective

EENT: eyes are bright and clear bilaterally, small amount of clear discharge bilaterally. The affected tissue on the ear was marked using a black sharple and measured.

- 1. Skull to the initial start of firm tissue along outermost perimeter of ear: 21.5 cm
- 2. Start of affected area from #1 to the tip of most ventral aspect of ear: 47cm
- 3. Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 8.5 cm (from base of flap)
- 4. Widest portion of affected tissue: 7.5cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body. Lesion on inner pinnae was rinsed during compress and more granulation tissue and less scab is observed. .

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily through the chute with minimal signs of stiffness in the right front leg. Treatments:

- 1. Warm water compress using towels and hose on front and back of ear for ten minutes
- 2. Preparation H/SSD mixture applied liberally to both anterior and posterior aspects of ear
- 3. Measurements of affected ear taken and recorded

Phone consults with MR, SM, and boarded veterinary dermatologist

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### Assessment

Clotting panel from IDEXX --> WNL Other blood work --> pending

Behavior: Animal was bright and behaviourally engaged throughout procedures. Slight reluctance to lay down in lateral recumbency.

Printed: Nov 09, 2017

Buttonwood Park Zoo

#### Report Start Date Medical History Report for All Record Types Report End Date SPECIES Nov 09, 2017 36 Sep 20, 2017 Animal Type GAN Preferred ID Taxonomy Sex Birth Date Individual MIG12-29545888 Elephas maximus/Asian elephant

Ear work and observations: Anterior ear seems unchanged from this morning. The posterior aspect of the ear is subjectively less swollen and red overall. Some skin is noted to be peeling off along the more proximal aspect with normal tissue observed underneath. Some sloughing is also noted along the lateral cranial portion of the ear

DDX: presumptive vasculitis

# Plan

Continue on current treatment regimen but increase laser to six joules SID

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

Date	Title	Assigned To	Done
~	~	~	2

# Prescription/Treatment

Basic Info

**Date Written** 

Oct 05, 2017

**Start Date** 

Oct 05, 2017 00:00

Prescribed By

Whitney Greene

**Prescribed For** 

1 animal

Reason For Treatment ~

Weight Info

Date

Oct 05, 2017

Oct 29, 1958

**Measurement Value** 

2,840 kg

**Estimate** 

Yes

Female

**Exclude From Reference Intervals** 

Yes

Sep 20, 2017			Medical History Report for All Record Types	F	Report End Date SPECIES Nov 09, 2017 366
Animal Type	GAN	Preferred ID	Taxonomy		
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Sex	Birth Date
			·	Female	Oct 29, 1958

Treatment Detail					
Treatment Item/Drug	DMSO				
Dose Amount	5 Tbsp	Frequency	once a day (sid)	Form of Drug	•
Dosage Amoun	it ~	Duration	7days	Concentration Of D	
Administrated [	Oose 5 Then	Delivery Route	Topical	~	
Quantity  Treatment Response		Loading Dose	~	The second secon	entre de la composition della
Clinical Respo	onse ~				
Adverse Effec	ets ~				
Adverse Effec	ts Note:				
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Staff Instructions	2100	Mines and the second of the se		and a growing and a substitution of the superstanding of the superstandi	The second secon
After warm water con	ne midday treatment only	FTI \ CRISS			
After warm water con After warm water con Start treatment on Oc Administration route: Prescription Notes/Comr	npress, apply a liberal amount ( st 05, 2017 Topical	~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a c	day (SID) for 7 days.	
After warm water con Start treatment on Oc Administration route:	npress, apply a liberal amount ( st 05, 2017 Topical	~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a c	day (SID) for 7 days.	
After warm water con Start treatment on Oc Administration route: Prescription Notes/Comr	npress, apply a liberal amount ( st 05, 2017 Topical	~5 Tbsp) of DMSO to affected areas on	front and back of right ear, once a c		I Down
After warm water con Start treatment on Oc Administration route: Prescription Notes/Comr	npress, apply a liberal amount (st 05, 2017 Topical ments Title			Assigned To	Done
After warm water con Start treatment on Oc Administration route:  Prescription Notes/Comr  Calendar Items	npress, apply a liberal amount (st 05, 2017 Topical ments Title	~5 Tbsp) of DMSO to affected areas on			Done No
After warm water con Start treatment on Oc Administration route: Prescription Notes/Comr	npress, apply a liberal amount (st 05, 2017 Topical ments  Title  5 / Asian elephant / M		ent is complete	Assigned To Whitney Greene	
After warm water con Start treatment on Oc Administration route:	npress, apply a liberal amount (st 05, 2017 Topical ments  Title  5 / Asian elephant / M	IG12-29545888 DMSO treatme		Assigned To Whitney Greene	
After warm water con Start treatment on Oc Administration route:  Prescription Notes/Comr  Calendar Items  Date Oct 11, 2017  Dispensing Records  Date Dispense	mpress, apply a liberal amount (ct 05, 2017 Topical ments  Title  5 / Asian elephant / M	IG12-29545888 DMSO treatme	ent is complete  Quantity Dispe	Assigned To Whitney Greene	
After warm water con Start treatment on Oc Administration route:	mpress, apply a liberal amount (ct 05, 2017 Topical ments  Title 5 / Asian elephant / M	IG12-29545888 DMSO treatme  Dispensed By  ~	Quantity Dispe	Assigned To Whitney Greene	No
After warm water con Start treatment on Oc Administration route: Prescription Notes/Comr  Calendar Items  Date Oct 11, 2017  Dispensing Records  Administration Records	mpress, apply a liberal amount (ct 05, 2017 Topical ments  Title 5 / Asian elephant / M	IG12-29545888 DMSO treatme	Quantity Dispe	Assigned To Whitney Greene	

# Clinical note

Report Start Date

DateTimeNote AuthorOct 04, 201700:00Whitney GreeneSignificantPrivateActive ProblemsNoNo~

Subjective

Animal presented for exam and treatments

# Objective

EENT: eyes are bright and clear bilaterally, small amount of clear discharge bilaterally. The affected tissue on the ear was marked using a dark brown permanent marker and measured.

- Skull to the initial start of firm tissue along outermost perimeter of ear: 21.5 cm
- Start of affected area from #1 to the tip of most ventral aspect of ear: 46cm
   Most lateral aspect of early the sent of the sent aspect of early the sent lateral aspect - Most lateral aspect of ear to the end of the most medial aspect of affected tissue: 8.5 cm

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized. Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body. Lesion on inner pinnae was cleaned thoroughly with dilute chlorohexidine and some debris debrided with cotton swab. Mostly dirt and scab but the lesion is superficial and there is granulation tissue present throughout the periphery. Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Normal gait observed following all treatments and animal walked outside readily with minimal signs of stiffness in the right front leg.

Treatments:

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958
		·		1 ciliale	OCI 29, 1930

- 1. Warm water compress using towels and hose on front and back of ear for ten minute
- Preparation H/SSD mixture applied liberally to both anterior and posterior aspects of ear Blood collection: Blood was obtained from medial saphenous after the second stick.

Updates and consult with MR and SM

#### Assessment

Ear: Overall the ear is softer along the most dorsal lateral aspect compared to yesterday. Tissue also feels slightly warm to the touch. Minor peeling of skin noted along the lateral margin and on the posterior surface along the more lateral cranial aspect. The posterior surface of the ear appears subjectively darker red in color and is sensitive to the touch. Behavior: At the beginning of the treatment animal behaviourally backed in briefly (only about 50% of body) to chute and tolerated well. Animal was bright and behaviourally engaged throughout procedures.

#### Plan

- Morning treatment scheduled for 8am tomorrow to include warm compress, laser, and topical cream. Repeat technique using heating pad followed by towels
  underneath ear with hot water from hose.
- 2. Measure and mark affected area of tissue
- 3. DMSO is scheduled to arrive tomorrow. Once in, plan is to back down on preparation H/SSD mixture to BID and add in DMSO SID at the midday treatment
- 4. MR to come in for assessment tomorrow

Written by WG

# **Animal Care Staff Medical Summary**

Calendar Items

ı					
	Date	Title	Assigned To	Done	
١	~	~	~	~	

# Öct 03, 2017

simical note		
Date	Time	Note Author
Oct 03, 2017	00:00	Whitney Greene
Significant	Private	Active Problems
No	No	~

### Subjective

Animal presented after keepers noted ear felt different

# Objective

EENT: eyes are bright and clear bilaterally, small amount of clear discharge from right eye. Right ear anterior is hard to the touch along the lateral aspect. There is an approximately two-inch band of very firm tissue from the top of her ear where it connects to the head down for about nine inches to the most ventral aspect of the ear. There is a round, two-inch diameter lesion on the internal pinnae that is filled with debris +/- purulent debris. Posterior lateral aspect of ear is discolored but tissue feels only slightly warm subjectively.

Oral: pink mucous membranes throughout, well hydrated. No signs of erythema or petechiation on any mucous membranes. Teeth not visualized.

Cardiovascular/Pulmonary: no auscultation performed; animal calm throughout the exam and treatments.

Integument: Full body exam revealed no signs of trauma, erythema, or petechiation anywhere on the body.

Musculoskeletal: animal voluntary goes into lateral recumbency with no signs of pain or discomfort while lying down or standing up. Limited extension and flexion observed on gait in right carpus but not more severe than on normal gait observations.

UG: pink mucous membranes observed, no lesions, petechia or erythema observed

# Treatments:

- 1. Thermography images acquired
- 2. Warm water compress for ten minutes
- 3. Preparation H/SSD mixture applied liberally to both anterior and posterior aspects of ear

Phone consults with veterinarians: MM, MR, SM, JS, JF

Meeting in pm with SC KL and keeper staff regarding treatment plan and logistics

# **Assessment**

Animal tolerated procedures well

Discoloration rule out petechia vs hyperemia

# Plan

- 1. Start on warm water compresses for ten minutes TID x seven days
- 2. Topical SSD/Preparation H BID x seven days
- 3. Laser therapy SID
- 4. DMSO ordered- start SID x seven days once arrived

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5. Reassess daily

# Written by WG

# Medical History Report for All Record Types

Report End Date SPECIES Nov 09, 2017 36 @

Animal Type	GAN	Preferred ID	Taxonomy	Sex	Birth Date
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant		Oct 29, 1958

# **Animal Care Staff Medical Summary**

Calendar Items

Date	Title	Assigned To	Done
~	~	~	~

# Prescription/Treatment

Basic Info

**Date Written** Oct 03, 2017 **Start Date** Oct 03, 2017 00:00 Prescribed By Whitney Greene **Prescribed For** 1 animal

Reason For Treatment ~

**Date** Oct 03, 2017 **Measurement Value** 2,840 kg **Estimate** Yes **Exclude From Reference Intervals** Yes

·Treatment Detail ·

**Treatment** Item/Drug

WATER

**Dose Amount** 

10 gal liq (US)

**Dosage Amount** 

Administrated Dose 10 gal liq (US) Quantity

Frequency Duration

three times a day (tid)

7days

Topical

**Loading Dose** 

**Delivery Route** 

Form of Drug ~

Concentration Of Drug

Treatment Response -

**Clinical Response** 

**Adverse Effects** 

Adverse Effects Note:

Staff Instructions

Apply a warm-hot (as warm as animal will tolerate) water compress using a hose or towel (if you use a towel, switch out to keep temperature warm), for 10-15 minutes three times a day (tid) for 7 days. Start treatment on Oct 03, 2017

Administration route: Topical

Prescription Notes/Comments

·Calendar Items

<b>D</b>	1		
Date	Title	Assigned To	Done
Oct 09, 2017	5 / Asian elephant / MIG12-29545888 WATER treatment is complete	Whitney Greene	No

Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

Administration Records

	Administration Date/Time	Administered By	Success	Notes
١	~	~	~	~

# Prescription/Treatment

Basic Info

**Date Written** Oct 03, 2017 **Start Date** Oct 03, 2017 00:00 Prescribed By Whitney Greene **Prescribed For** 1 animal

Weight Info

Date Oct 03, 2017 **Measurement Value** 2,840 kg **Estimate** Yes **Exclude From Reference Intervals** Yes

Reason For Treatment ~

Treatment Detail

**Treatment** Item/Drug

SSD 1% Cream (10 mg/g Semisolid > Cream) (Silver Sulfadiazine)

**Dose Amount Dosage Amount** 

5 Tbsp

Frequency

three times a day (tid)

Form of Drug Cream Concentration Of Drug

Duration 7days **Delivery Route** Topical

**Loading Dose** 

10 mg/g

Treatment Response

Quantity

Clinical Response **Adverse Effects** Adverse Effects Note:

Administrated Dose 5 Tbsp

Staff Instructions

Apply a liberal amount of a 50:50 mixture of SSD 1% Cream/Preparation H to front and back of lateral ear, three times a day (TID) following warm water compress treatment for 7 days.

Start treatment on Oct 03, 2017 Administration route: Topical

Prescription Notes/Comments

Calendar Items

Date	THE		
Date	Title	Assigned To	Done
Oct 09, 2017	5 / Asian elephant / MIC12 20545999 SCD 40/ Community		No
 		vinitiey Greene	INO

Dispensing Records

Date Dispensed	Dispensed By	Quantity Dispensed
~	~	~

Administration Records

Administration Date/Time	Administered By	Success	Notes
Oct 08, 2017 00:00	Marcy Cocchiola	Complete	with SAM
Oct 07, 2017 00:00	Whitney Greene	Complete	~
Oct 07, 2017 00:00	Whitney Greene	Complete	~
Oct 06, 2017 00:00	Shelley Avila-Martins	Complete	with MW
Oct 06, 2017 00:00	Whitney Greene	Complete	with MC
Oct 05, 2017 00:00	Karen Veary-Santos	Complete	with SAM
Oct 05, 2017 00:00	Karen Veary-Santos	Complete	with SAM
Oct 05, 2017 00:00	Karen Veary-Santos	Complete	with SAM
Oct 04, 2017 00:00	Karen Veary-Santos	Complete	with SC
Oct 04, 2017 00:00	Karen Veary-Santos	Complete	with SC
Oct 04, 2017 00:00	Karen Veary-Santos	Complete	
Oct 03, 2017 00:00	Shelley Avila-Martins	Complete	with MW With KS

Report Start Date Sep 20, 2017 Medical History Report for All Record Types Report End Date SPECIES Nov 09, 2017 36@ Animal Type GAN Preferred ID Taxonomy Sex Birth Date Individual MIG12-29545888 5 Elephas maximus/Asian elephant Female Oct 29, 1958

Oct 02, 2017.

Clinical note

Date

Time

Note Author

Oct 02, 2017

16:00

Vet Tech Intern

Significant

Private

**Active Problems** 

No

No

Note Subtype: General

**Notes/Comments** 

Laser therepy 3 joules to L GB30; GB28. Only one cycle through GB28

**Animal Care Staff Medical Summary** 

Calendar Items

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L	American de la companya del la companya de la compa			L

Sep 24: 2017:

Date

Time

Note Author

Sep 24, 2017

16:00

Marcy Cocchiola

Significant

Private No **Active Problems** 

No Note Subtype: General

**Notes/Comments** 

Laser therepy 3 joules to right lateral and medail carpus, BL40 and S12/13

**Animal Care Staff Medical Summary** 

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Calendar Items

	Date	Title	Assigned To	Done
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Sep.23,2017

Basic Info

Prescription/Treatment

Date Written

Sep 20, 2017

Start Date

Sep 23, 2017 00:00

Prescribed By

Whitney Greene

Prescribed For

1 animal

Reason For Treatment ~

Weight Info

Date

\_

Sep 20, 2017

Measurement Value

2,840 kg

Estimate

Yes

**Exclude From Reference Intervals** 

Yes

Report Start Dat Sep 20, 2017	te		Medical History Report for All Record Types	Report End Date SPECIES Nov 09, 2017 <b>3 6 @</b>		
Animal Type	GAN	Preferred ID	Taxonomy	Sex	,=	
Individual	MIG12-29545888	5	Elephas maximus/Asian elephant	Female	Oct 29, 1958	

Гreatment tem/Drug	Ketoprofen							
Dose Amount	60 ml		Frequency	once		F	orm of Drug ~	
Dosage Amount	0.021 ml/kg	I	Duration	1doses			-Concentration Of Drug-	
Administrated Dos Quantity	<b>e</b> 60 ml		Delivery Route Loading Dose	Injectior ~	n, intravenous (i.v.)	l og	**	and the state of t
Treatment Response			<b>J</b>					
<b>Clinical Respons</b>	e ~							
Adverse Effects	~							
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