

Clinical Notes - Individual Specimen Report
BURNET PARK ZOO

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Scientific Name: ELEPHAS MAXIMUS (no subsp)           Accession #: M96011
Common Name: INDIAN ELEPHANT                         Female
Name: ROSEY                                           Birth: 6.May.1981 (Estimated)
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.....1996...

2.May.1996

Arrived at 4:45pm in excellent condition. She was unloaded and put in the barn for the night. She is a beautiful elephant. Well behaved and was well received by the other animals. (CW)

27.Jul.1996

Weighed today: 5810 lbs. (CW)

29.Aug.1996

Indy has been with Rosie non-stop since Aug 25. Keepers were not able to separate him from her while she was in heat. He has been actively trying to breed her, but we have not seen actual penetration. He was no longer interested in her today and was separated from her in the AM. (CW)

1.Oct.1996

Recalculated Vitamin E dosages based on recent serum VitE levels. All animals have high to normal alpha-tocopheral levels. Dose: 3/10/day of Emcelle (500IU/ml). Based on current serum vitamin E levels, Siri and Indy will receive an increased amount. Romani, although weight has dropped, will receive a higher dose because she is nursing a calf. Targa will receive an increased amount due to pregnancy and weight gain.

Name	Weight	IU Vit. E	ml Emcelle	'95 dose
Siri	- 8,565 lbs.	- 11,680 IU	- 26ml	- 24ml
Indy	- 10,000 lbs.	- 13,636 IU	- 30ml	- 29ml
Romani	- 5,850 lbs.	- 7,977 IU	- 19ml	- 19ml
Targa	- 6,550 lbs.	- 8,932 IU	- 18ml	- 16ml
Rosie	- 5,510 lbs.	- 7,514 IU	- 15ml	- 15ml
Emmett	- 3,500 lbs.	- 4,773 IU	- 10ml	- 9ml
Kirina	- 1,355 lbs.	- 1,848 IU	- 4ml	(CW)

.....1997...

11.Mar.1997

She went off feed last night. She did not eat her grain. Over night she ate hay and by morning it was gone. Suspect the other elephants could have stolen some of her hay. In am today she had little interest in her grain, but ate Kirina's grain. Attitude and behavior is normal. Stools are normal, heart rate 40, respiratory rate normal, temperature 98.6. Checked her teeth upper ones look good, but was unable to see

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11.Mar.1997

lower teeth. Will try again later. Drew blood for a CBC, differential and panel. She is drinking well and her hydration is fine. Suspect it may be secondary to her estrus cycle. She is now in week 13 of her cycle. Keepers have been putting her with Indy several hours each day, but he has not shown any interest in her yet. Will have keepers collect a urine sample for a UA and specific gravity. WBC is mildly elevated at 22,300. She has a mild neutrophilia and a low PCV 27%. Her blood glucose is elevated and chloride and potassium are low due to decrease diet consumption. Low PCV - dehydration or blood loss. Will check stools for parasites and will repeat test in 5-7 days. (CW)

14.Mar.1997

Clinically she is doing better. Appetite has improved over the past several days. A urine sampled collected on 3/12/97 was normal. SG 1.014, glucose, bilirubin, ketones, blood, nitrite and leukocytes negative, pH 8.5, protein trace, urobilirubin 0.2. She is well hydrated and doing fine. Continue to monitor her appetite and serum progesterone levels to determine optimal breeding dates. (CW)

23.Jul.1997

Received intradermal TB test today with 0.1mL PPD Bovis ID behind the right ear (circled with black ink). 6mm circle. Will be read at 24, 48 & 72 hours. (BK)

25.Jul.1997

TB test negative at 24, 48 & 72 hours. No swelling palpated. (BK)

30.Jul.1997

Trunk wash TB culture performed by Drs. Kollias and Abou-Madi. 20ml of saline infused in trunk via a 8 or 10 french feeding tube. The fluid was collected in a plastic bag and transferred to red rubber tubes. Samples to be sent for Mycobacterium isolated at Ames, Iowa. No side effects noted. (BK)

6.Aug.1997

Received a visual exam for health certificate and shipment to California. No abnormalities noted. (GK)

13.Aug.1997

Shipment still pending. New exam and health certificate will need to be issued prior to shipment. (GK)

10.Sep.1997

Examination of lesion at the ventral border of the vaginal labia. A

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3.5cm, crusty, firm, non-ulcerated lesion noted. Keeper report indicated that the mass has gradually been decreasing in size since Saturday 9/6. The mass does not appear to be causing any discomfort. Rule out possible insect hypersensitivity, resolving traumatic injury. No treatment at this time. Observe for any change in size or character of the lesion or development of any additional lesions. Visually examined for outgoing health certificate. Other than above noted, no abnormalities noted. Health certificated signed and medical records copied. (BK)

11.Sep.1997

Trunk wash to be performed today and next two days. Specimens will be shipped to diagnostic lab in California for PCR testing. (BK)