

### Medical History

**Species:** Elephas maximus.

**Unit:** Williston

**Common Name:** Asian Elephant.

**Name:** Calcutta I

**Sex:** F

**Date of Birth:** 1/1/1946

**Origin:** From Tony Diano, Canton, Ohio. In group with Tilly (Patty Zerbini's elephant)

|              |  |
|--------------|--|
| 12/89        | deworm Stongid, tetanus toxoid   |
| 12/90        | tetanus toxoid   |
| 12/91        | deworm Telmin  |
| 2/10/92      | Tetanus toxoid   |
| 5/15/92      | Ivomec/os, Febendazole granules 11b/ 10001b/ os  |
| 1/10/94      | DW febendazole pellets 11b/10001bs/os  |
| 2/95         | deworm w/Fenbendazole pellets 11b/10001bs.   |
| 7/95         | tetanus toxoid   |
| 7/24/96      | tetanus toxoid, DW safeguard fenbendazole 1 lb/1000 lb BW  |
| 1/27/97      | fecal neg for ova  |
| 3/5/97       | DW Safeguard/os  |
| 7/15/97      | R eye corneal scratch, Chloramphenical ointment TID x 5 days   |
| 9/1/97       | BW= 7100#  |
| 5/25/98      | trunk wash, repeated 26 & 27 (wal)   |
| 10/28/98     | Fecal floatation negative. Good BC. <b>Paralyzed trunk.</b> (ri). Note: As of 11/6/00, elephant has to gather hay at tip of trunk (trunk tip functions OK), and use head to swing trunk so that eventually hay can be directed into mouth. Trunk is atrophied, tip of trunk is smaller than other elephants.   |
| 11/17/98     | CBC, Chemistry.(ri)  |
| 12/2/98      | Mild abdominal pain; 30cc Banamine(wal)  |
| 12/9 - 11/98 | Collected trunk wash samples.(ri)  |
| 2/6/99       | BW= 6708#  |
| 11/16/99     | examine on site (wal)  |
| 1/15/00      | examine on site (wal)  |
| 2/1/00       | Tetanus toxoid (ri)  |
| 2/22/00      | examine on site (wal)  |
| 5/14/00      | examine on site (wal)  |
| 6/20/00      | examine on site (wal)  |
| 7/18/00      | examine on site (wal)  |
| 8/17/00      | examine on site (wal)  |
| 9/6/00       | examine on site (wal)  |
| 9/27/00      | examine on site (wal)  |
| 10/11, 12/00 | examine on site, (wal)   |
| 11/28/00     | HX: Routine eye exams of all elephants.<br>EXAM: Mild bilateral serous ocular discharge. Left eye has a thin white arc in the medial central cornea, and there are several punctate corneal opacities central cornea. Right eye has very slight central corneal opacities. (cs)  |
| 12/11/00     | TEST: Fecal negative for ova and parasites.  |
| 02/26/01     | HX: Trainer noted foot lesion.<br>EXAM: At the caudal aspect of the 4 <sup>th</sup> nail of the right hindfoot, there is a 2X4 cm focus of cracking of the skin, through which granulation tissue protrudes. Small amount of caseous exudate. Dorsal aspect of nail appears fine, as does associated sole. Elephant not lame. Feet otherwise appear fine, and have been recently trimmed.<br>TX: Trainer is applying gentian violet/formalin solution to granulation tissue, and gradually trimming lesion.<br>A: Lesion is minor, and will likely resolve with above treatment. Radiographs scheduled to ensure no bone involvement. (cs) |
| 03/07/01     | FOOT RADIOGRAPHS: Digits 2-5, both front feet taken for survey (no clinical lesions). All digits normal. (cs)  |

FELD 0002704

Calcutta I. cont.

03/23/01 HX: Sudden onset this morning of apparent colic pain. Normal quantity and consistency of feces overnight, and appears to have eaten hay overnight, although not interested in hay or bran mash this morning.  
 EXAM: Elephant is alternating between standing quietly with head down, and crouching or lying sternally with one or the other of her hind legs bent underneath her, resting up on her elbows. Abdomen appears distended at left paralumbar fossa. Mucous membranes pink, respiration normal.  
 A: Colic  
 TX: Banamine 35 cc IM. Wouldn't eat bran mash containing mineral oil in AM but would in afternoon and evening.  
 TEST: CBC and biochemical profile normal. (cs)

03/24/01 EXAM: Appears normal today. (cs)

03/26-28/01 Trunk washes (cs)

5/18/01 HX - Routine examination  
 PE - BAR. Fair BC. Abdomen seems gas distended, but this is reported normal for this animal. Severe trunk paralysis (5/5). Corneal degeneration lesion noted in the left eye.  
 A: Maintaining weight despite severe trunk paralysis. This is due to the special care and hand feeding this animal is receiving.(cs)

05/23/01 HX: Colicky this morning and afternoon-laying down, crossing legs, not eating in AM, eating bran mash with mineral oil by afternoon, although still colicky. Normal consistency and quantity of bowel movements. Bright.  
 TX: Banamine 35 cc IM in AM and PM today, bran mashes and 1 L mineral oil BID (cs)

05/24/01 HX: Elephant seems normal today. Eating, BAR.

06/01/01 Weight: 7390 lbs.

05/28/01 Vet on site (cs)

06/07/01 Vet on site (cs)

06/14/01 Vet on site (cs)

06/17/01 Vet on site (cs)

06/19/01 Vet on site (cs)

06/25/01 Vet on site (cs)

06/27/01 Vet on site (wl)

06/30/01 Vet on site (cs)

07/02/01 Vet on site (cs)

07/31/01 Vet on site (cs)

08/04/01 Vet on site (cs)

08/22/01 HX: Left eye has has serous discharge last few days.  
 EXAM In the center of the cornea there is a single, arc-shaped white line and several punctate white and brown spots. Was present on routine exam Nov. 28, 2000, and change since then is marginal. There are faint, punctate and irregular brown opacities in the center of the right cornea. Left cornea fluorescein negative.  
 A: Likely corneal stromal calcium deposit of unknown etiology. Similar to lesions seen in several other elephants which appear to become darker acutely with associated ocular discomfort, and subsequent spontaneous resolution of discomfort.  
 TX: No treatment necessary unless cornea ulcerates. (cs)

08/29/01 Vet on site (cs)

09/04/01 Vet on site (cs)

09/16,18,19/01 Trunk washes (cs)

10/02/01 Vet on site (cs)

10/09/01 Vets on site (wal and cs)

10/11/01 Vet on site (cs)

10/23/01 Vet on site (cs)

11/01/01 Weight = 7620

11/08/01 Vet on site (wal)

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Calcutta I. cont.

11/10/01 Vet on site (ri)  
11/13/01 Vet on site (cs)  
11/15,16/01 Vet on site (cs)  
11/19,21/01 Vet on site (cs)  
11/19/01 HX: Chronic serous discharge and mild blepharospasm left eye.  
EXAM: In the center of the left cornea, there is a 1x0.5 cm region in which there are multiple short thin white streaks, running in a whorling pattern and punctate white foci. Flourisceine negative. In the center of the right cornea, there are a few punctate irregular brownish foci that likely represent an earlier version of the lesion in the left cornea.  
A: Likely corneal stromal calcium deposits, progressing in the left eye and causing discomfort. No treatment unless cornea ulcerates. (cs)  
11/21/01 VACC: Rabies (4 cc IM right triceps, Imrab Bovine Plus, serial no. 14018, exp.04Feb03) and tetanus toxoid (Fort Dodge, 1 cc IM left triceps, serial no. 277324B, exp.19Mar03). (cs)  
11/26/01 TEST: Blood drawn for routine CBC and chemistry panel.Results normal. (cs)  
11/30/01 Vets on site (cs and wl)  
12/2,4,6/01 Vet on site (cs), trunk washes.  
12/10-12/01 Vet on site (cs).  
12/14/01 Vet on site (cs)  
12/18/01 Vet on site (cs)  
12/27/01 Vet on site (cs).  
01/04/02 Vets on site (cs and wl).  
01/10,11/02 Vet on site (cs).  
2/28/02 Vet on site (wal)  
3/6/02 Vet on site (wal)

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