

Lee Richardson Zoo
Medical Records
Part 2

14 pages



maximum temperature and humidity. Results are as follows:

27Jan H 91% 26%

T 69 32 degrees West gauge 4.5 ft off floor on south side of barn.

H 90% 20%

T 71 48 degrees East gauge 4.5 ft off floor on south side of barn.

30Jan Very cold day outside 11 degrees.

h 62% 39%

T 66 61 degrees. gauge above viewing area 11' off floor on north side of barn

H 67% 32%

T 69 59 degrees. Gauge above grain barrels 8' off floor on north side of barn.

31Jan H 68% 46%

T 70 60 Same place as 30Jan

H 79% 44%

T 64 59 Degrees

1 Feb (Same places as 31Jan)

H 67% 63%

T 70 62 degrees

H no reading

T 77 65 degrees

Feb 3 (Northwest corner by rhino stall)

H 71% 43%

T 68 60 degrees

FLOOR BY ERD

H 71% 53%

T 67 61 degrees

This comment was added to the following specimens: M30033, M59033.

7 Feb 2004 Physical condition

Due to wet cement (from recent snow) and even with keepers spending extended time on cleanup on the cement, Pads on (Chana especially) have deteriorated from being on wet cement so much of the time.

This comment was added to the following specimens: M59033, M30033.

9 Feb 2004 Animal management note

Exfoliation on both elephants back.
Foot work with girls.
Worked elephants.

This comment was added to the following specimens: M59033, M30033.

11 Feb 2004 Note

Maintenance over to put new bolt in elephant exhibit gate and also slide bolt on elephant stall was re-vamped for safety.



Moki (M59033) and rhino had another brawl while shifting elephants inside from exhibit. Lasted about 20 minutes. Then the 2 were left outside in "time out" for another hour. Moke was then brought in without incident but the rhino was still snorting prior to shift. Chana M30033 came inside and stayed with no problems at all.

This comment was added to the following specimens: 901070, M59033, M30033.

13 Feb 2004 Animal management note AI Desens done today

13 Feb 2004 Behavior note Chana grabbed entire loaf of bread (bag and all) and ate it and would not release it. Keepers to watch for bag passing in feces.

14 Feb 2004 Note Blood draws on both elephants.
AI and shot De-sens done on Chana (M30033)

Keepers working with Moki (M59033)- standing on stumps.

Chana passed 75% of bread sack in fecal.

This comment was added to the following specimens: M59033, M30033.

15 Feb 2004 Animal management note Exfoliation done with both elephants.

15 Feb 2004 Note This comment was added to the following specimens: M30033, M59033.
Passed remainder of bread sack in feces.

16 Feb 2004 Animal management note Bathed this day.
Keepers used wood shavings for dusting animals. Much easier to clean up and just as effective as dirt.

18 Feb 2004 Note This comment was added to the following specimens: M30033, M59033.
Exfoliation session with elephants.
Worked elephants.
Brought elephants inside and hosed them down; then they were let out to play in mud. Dusted for an hour.

23 Feb 2004 Animal management note This comment was added to the following specimens: M30033, M59033.
Exfoliation done on elephants.
Footwork done on elephants.

14 Feb 2004 Animal management note This comment was added to the following specimens: M59033, M30033.
Chana M30033 has a cut on left rear foot that was checked and cleaned. AI desens also done in the stall.

Moki M59033 was worked with on commands.

Both elephants worked and exfoliated this day.

This comment was added to the following specimens: M30033, M59033.
Chana scrubbed and flushed out on left rear foot.

5 Feb 2004 Medical note

Worked in yard today.
Eye wash on both elephants.

1 Feb 2004 Medical note Scrubbed and flushed out w/iodine and nolvasan

1 Feb 2004 Animal management note Blood draws done today

This comment was added to the following specimens: M59033, M30033.

1 Feb 2004 Animal management note Flushed out on left rear foot of Chanas. Still sensitive.
Exfoliation session with both elephants



		Footwork with both elephants. Baths to both elephants.
3 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Keepers to start weighing food stuffs for rhino and elephants.
7 Mar 2004	Medical note	This comment was added to the following specimens: 901070, M59033, M30033. Cleaned and flushed out on left rear. Healed, so flushing will no longer be necessary.
8 Mar 2004	Animal management note	Worked elephants in yard
9 Mar 2004	Note	This comment was added to the following specimens: M59033, M30033. Footwork and weight routines done and pictures taken to send to San Antonio zoo. AI denses done with Chana and Stall commands. Elephant demos done on exhibit x2
9 Mar 2004	Note	This comment was added to the following specimens: M59033, M30033. Height today 8 foot 5 1/4 inches
12 Mar 2004	Animal management note	Exfoliation done on the elephants. Worked the elephants on exhibit this day.
13 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Blood drawn today.
14 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Worked elephants on exhibit today. Hung tire in elephant stall, Chana (M59033) had it tore down within 20 minutes.
15 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Elephants worked on exhibit 2x this day. Hung new scratch log for elephants.
16 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Footwork done with both elephants. Weighed food items for elephants. Hosed down elephants, Andrea over to fil. M30033 would not leave her stall to go back on exhibit after being hosed down. Actually got into Moki's stall and would not leave there and would not go back on exhibit. Caused quite a bit of chaos. Abnormal behavior. Elephants usually like to go play in the dirt after being hosed down.
19 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Footwork done with elephants. Bathed elephants. M30033 given 3 time outs when she would not leave stall to go back onto exhibit after her bath.
20 Mar 2004	Animal management note	This comment was added to the following specimens: M59033, M30033. Blood draw on elephants today. Exfoliation session with elephants. Demo outside.



		This comment was added to the following specimens: M30033, M59033.
21 Mar 2004	Behavior note	During am transfer, Chana did not want to leave stall to go out on exhibit. She was given one 5 min time out and then complied.
22 Mar 2004	Note	Exfoliation session. Worked elephants on exhibit. Keepers hung 2 logs in elephant stalls.
		This comment was added to the following specimens: M30033, M59033.
28 Mar 2004	Animal management note	Blood draw done. Foot work done. Elephant demo outside.
		This comment was added to the following specimens: M59033, M30033.
30 Mar 2004	Animal management note	Hosed animals down out on exhibit. Weighed/counted food stuff for rhino. Exfoliation session with elephants.
		This comment was added to the following specimens: 901070, M30033, M59033.
1 Apr 2004	Behavior note	Moki hosed while on exhibit. Chana (33) chose ot to particpate.
		This comment was added to the following specimens: M30033, M59033.
3 Apr 2004	Animal management note	Keepers cleaned elephant pool and removed loose rock. Moke went swimming in the pool today.
		This comment was added to the following specimens: M59033, M30033.
5 Apr 2004	Animal management note	Exfoliation session with elephants today. Elephant demo done today.
		This comment was added to the following specimens: M59033, M30033.
10 Apr 2004	Animal management note	Scrubbed elephants back today. Footwork done with elephants today. Extra cleaning and hosing at elephant barn today. M59033 (Moki)- rammer her door at new keeper Jenn three times when Jen hauled hay, sorted produce, etc. Was given time out and Jen left the barn. Extra browse given in stalls until they went outside for one hour shen she was non-aggressive. Today, no signs of aggression towards Jennifer.
		This comment was added to the following specimens: M59033, M30033.
22 Apr 2004	Note	Earth day demo for school kids done today. Foot check on elephants
		This comment was added to the following specimens: M59033, M30033.
23 Apr 2004	Note	Did pad check on elephants. Scrubbed animals back with rasp.
		This comment was added to the following specimens: M59033, M30033.
27 Apr 2004	Animal management note	Footwork and training with new elephant keeper. Scrubbed elephants backs. Gave elephants baths
		This comment was added to the following specimens: M59033, M30033.
2 May 2004	Animal management note	Blood withdrawals done today. Footwork done today.



5 May 2004	Animal management note	<p>This comment was added to the following specimens: M59033, M30033.</p> <p>Footwork done. Bathed elephants. Misters turned on today for elephants.</p>
5 May 2004	Animal management note	<p>This comment was added to the following specimens: M30033, M59033.</p> <p>Beginning today, keepers changing routine so that they are leaving at approx 3pm and coming back between 6 and 7 pm to bring in the elephants, rhino, and giraffes. Reason is so that the animals are out on exhibit longer for the public.</p> <p>No problems the first night.</p>
11 May 2004	Behavior note	<p>This comment was added to the following specimens: 901070, M8602M, 103074, M30033, M59033.</p> <p>Chana M30033 would not exit barn.</p> <p>Moki M59033 was out in the yard and was showing aggression towards the rhino 901070.</p> <p>Moki had both front feet up on exhibit gate and fence.</p> <p>Footwork done with elephants today.</p> <p>Did weight board training today.</p>
13 May 2004	Animal management note	<p>This comment was added to the following specimens: 901070, M59033, M30033.</p> <p>Animals put inside early due to cold weather.</p>
14 May 2004	Animal management note	<p>This comment was added to the following specimens: 901070, 103074, M8602M, M30033, M59033.</p> <p>Scrubbed elephants backs today.</p>
16 May 2004	Animal management note	<p>This comment was added to the following specimens: M30033, M59033.</p> <p>Weight board training with elephants today.</p> <p>Blood withdrawals done today.</p> <p>Keepers scrubbed around the eyes of both elephants.</p> <p>Elephant demo done today.</p>
17 May 2004	Animal management note	<p>This comment was added to the following specimens: M30033, M59033.</p> <p>Change in routine for elephants, rhino, and giraffes. Keeper will work 7am straight thru until 2 pm. While animals are left OUT on exhibit (extra browse, etc given). Keepers will then leave until 6 or 7 pm and keepers will come back and bring animals in for the night. This allows the animals to be out on exhibit for longer hours for the patrons of the zoo.</p>
18 May 2004	Note	<p>This comment was added to the following specimens: 901070, M8602M, 103074, M30033, M59033.</p> <p>Gate keeper reported a mother and 4 kids throwing things at the elephants. Charles talked to them about it.</p>
21 May 2004	Note	<p>This comment was added to the following specimens: M30033, M59033.</p> <p>Footwork with elephants today. Extra cleaning in barn due to Maint. welding new bolt on East ERD Door.</p> <p>Cleaned elephant pool.</p> <p>Moki ate all "scratch mix" in yard while Chana looked for all the bread to eat.</p> <p>Pears and cornhusks for enrichment.</p>
29 May 2004	Animal management note	<p>This comment was added to the following specimens: M59033, M30033.</p> <p>Idea for elephants to lose weight as discussed with nutritionist Bob Lee.</p> <ol style="list-style-type: none">1. Get accurate weights on elephants to quantify.2. Gen an idea (docents/interns) of how much walking elephants do with range cubes. OBSERVATION.



3. Bob to formulate lower protein, lower fat, upped tast (sweet) 1; range cube- should be similar in composition to grass hay.
4. Bob formulate "vitamin pill" mix of vits/min/trace elements. Richard Parks to put together. Keepers to give vitamin pill mix mixed in something that will ensure consumption.
5. Eliminate Grain mix at night- give only hay/greens/browse/vets/fruits.
6. Keep bread to a strict measure (ie volume of a certain size tub) Can include small amounts of other small sized treats to keep it interesting. Keep the elephants guessing on what items in the tub daily utilizing donated cereals, goodies, but intermittantly.

This comment was added to the following specimens: M59033, M30033.

3 Jun 2004 Physical condition

Chana took chunk out of front side of right front nail, doesn't seem to be sensitive.

7 Jun 2004 Behavior note

M59033 showed aggression towards M30033 during am footwork. Rammed middle partition of stalls 2x and climbed up to try and kick her in the head.

This comment was added to the following specimens: M59033, M30033.

9 Jun 2004 Animal management note

Footwork on girls. Hosed them down on exhibit. Given browse, and chow in kegs and boomer ball.

This comment was added to the following specimens: M59033, M30033.

10 Jun 2004 Animal management note

Bobcat work in elephant yard today. Exfoliation session w/elephants. Hosed elephants on exhibit and cleaned their pool.

This comment was added to the following specimens: M59033, M30033.

13 Jun 2004 Physical condition

Right rear pad has very tender horizontal track that keepers have been working on. Cannot clean out completely due to pad being too thin. Curator checked.

13 Jun 2004 Note

Both elephants have very thing rear pads, therefore not much can be done to them as far as footwork. Keeper believes the rock chip surface on the stall floors has steadily increased this problem.

This comment was added to the following specimens: M30033, M59033.

15 Jun 2004 Animal management note

Sunflower electric here to begin work on elephant shade structure. Doc over to check pad on Chana. Doc recommended brush scrubbing and Koppertox.

This comment was added to the following specimens: 901070, M59033, M30033.

17 Jun 2004 Animal management note

Animals kept inside today also. Sunflower crew not here but work unfinished in elephant yard. Sunflower crew elsewhere due to storm last night.

This comment was added to the following specimens: 901070, M59033, M30033.

18 Jun 2004 Animal management note

Elephant shade/enrichment structure completed by Sunflower elec today. Used tall osage orange trees with smaller cross trees bolted through on top. Hung street sweeper brush from a chain from one and surrounded 2 of the poles with huge tractor tires about 8-10 feet up from ground. Elephants enjoyed rubbing against the tires immensely. Great hit today once the elephants got over their initial wariness. Condition of yard extremely muddy due to the recent rains and the elephants were rolling in the mud against the tires and trumpeting their enjoyment.

This comment was added to the following specimens: M59033, M30033.

20 Jun 2004 Medical note

M30033 scrubbed right rear pad (track) and applied kopertox, looking better. Blood work on both elephants. Foot work with both elephants.

This comment was added to the following specimens: M59033, M30033.

21 Jun 2004 Animal management note

Exfoliation session with elephants. Scrubbed feet with Nolvasan.



		<p>This comment was added to the following specimens: M59033, M30033.</p>
23 Jun 2004	Medical note	<p>Right rear pad has healed up very well; feel that there is no need to continue treatment.</p>
24 Jun 2004	Diet	<p>Elephants to receive 1/2 bag range cubes dispensed in yard throughout the day and lower to ONE can of elephant grain (instead of 3 cans)</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
24 Jun 2004	Animal management note	<p>Keepers fixed one trunk in yard (on the enrichment shade structure), placing bolts protruding out of trunk approx 2 inches to deter the elephants from applying full throttle pressure against this trunk (which would cause it to break, we believe)</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
25 Jun 2004	Note	<p>Exfoliation session with girls. Insulator came loose bringing hot wire down from elephant gate. Tony from maint over to weld it back together. Given corn husks, melon, bread and chow in kegs for enrichment.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
29 Jun 2004	Behavior note	<p>M59033 was given time out and put in alley way after she pulled on Chana's tail (M30033) during her foot scrub in the stall. When Moki was in the alleyway, she rocked her door aggressively 2x wanting back into her stall. Baths given to both today.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
1 Jul 2004	Behavior note	<p>Aggression observed 2x today between elephants. M59033 was the aggressor. Footwork done</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
4 Jul 2004	Behavior note	<p>Moki rocked gate during am footwork when keepers leaving barn at 4pm and also rammed gate at Chana (m30033) after both girls received watermelon. Also wanting to beat up on rhino. Chana showing sensitivity along middle back during exfoliation session and was noticed to twitch belly frequently- no reason that keepers could tell. Blood w/drawel on both elephants, footwork also. Gate lady noticed some serious aggression from Moki towards rhino during keepers lunch hour.</p>
		<p>This comment was added to the following specimens: 901070, M59033, M30033.</p>
6 Jul 2004	Behavior note	<p>M59033 rocked stall gate 7 times during morning routine and 5 times while keepers were dry cleaning stalls and 2 times during footwork. M30033 rocked gate 2 times during cleaning.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
14 Jul 2004	Enrichment	<p>Zoo campers over to hid enrichment for elephants in the am. Elephants hosed on exhibit. Exfoliation done today.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
18 Jul 2004	Animal management note	<p>Blood w/d on elephants. Exfoliation on both. M59033 has a quarter sized area of dried up infection (left rear side). Keepers flaked off the dried up skin with a rasp around the spot. Looks okay.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
20 Jul 2004	Animal management note	<p>Gave elephants bath today prior to going outside. Footwork done.</p>



		<p>This comment was added to the following specimens: M59033, M30033.</p>
22 Jul 2004	Medical note	<p>Left front 2nd nail from outside has infection behind the nail face, probably due to injury out in yard. She was given 3 foot soaks in Nolvasan for 10 mins each and sprayed with furazone up inside nail. Debrided as much nail as she would allow (silver dollar size). She is being allowed to go outside as long as nail is flushed.</p>
22 Jul 2004	Medical note	<p>Gram smear from cutaneous wound results from St. Catherine's Hosp lab. Many gram negative bacilli. Many gram positive cocci. 24 hours- small amount: Citrobacter Amalonaticus Escherichia Coli Klebsiella Oxytoca Enterobacter intermedius 72 hours: heavy growth: Group D enterococcus Nos Streptococcus Group G No further growth 96 hours.</p>
22 Jul 2004	Medical note	<p>Vet visit. Sells did exam on nail and took a swab for a culture and sensitivity. Lab results pending.</p>
22 Jul 2004	Medical note	<p>Vet exam sheet notations. Left front middle toe infected-possibly injured in yard; found when keeper was cleaning foot. Took a culture from the infected toe. To be treated with nolvasan foot baths 3x/day and sprayed with furacin spray powder.</p>
22 Jul 2004	Medical note	<p>Lab results for cutaneous wound Final- Many gram negative bacilli many gram positive cocci Cutaneous wounds 24 hrs: small amount: citrobacter amalonaticus escherichia coli klebsiella oxytoca enterobacter intermedius 72 hours: heavy growth: group d enterococcus nos streptococcus group g No further growth in 96 hours. Klebsiella oxytoca ESBL negative: The presence of an extended spectrum beta-lactamase that is inhibited by clavulanic acid is unlikely.</p>
		<p>Notes and results from St. Catherines hospital lab.</p>
23 Jul 2004	Medical note	<p>Soaked in nolvasan solution 3x this day. Sprayed furazone on infection and up inot nail. Trimmed some rotten tissue out of infected area and took more nail off around infection. Elephants only outside today for 30 minutes while stall scooped out then back inside for the day due to rain. Chana would not stay out of deep mud holes and eat on somewhat dry ground so keeper worried about her getting mud packed inot infected nail.</p>
23 Jul 2004	Behavior note	<p>Moki hit her door 2 times while chana was soaking her foot in am. She rammed her door at the rhino when he was in the alleyway for cleaning. Elephants only outside for 30 minutes today due to rain. Keepers will probably keep inside until yard is not so sloppy. Vet tech said kprs decision to keep inside or let outside tomorrow.</p>



		<p>This comment was added to the following specimens: M59033, M30033.</p>
24 Jul 2004	Medical note	<p>Vet tech checked 2nd abscessed toe nail. Area between the 2nd toe looks bruised. No pus in new hole but she is sensitive to touch.</p>
24 Jul 2004	Medical note	<p>Foot soaked in solution. New rotten spot has opened up on Chana's left foot nail next to the already infected nail. The skin between the 2 infected nails is pink and warm to the touch.</p>
27 Jul 2004	Medical note	<p>Cleaned off more nail on left front foot, scrubbed w nolvasan, 2 foot soaks, applied furazone. Digital pictures taken.</p>
27 Jul 2004	Medical note	<p>Vet visit. Keepers reported that the elephant had another infected nail on her left foot. Sells did visual and recommended that the keepers continue cleaning the wound and soaking the foot. May prescribe some antibiotics depending on the sensitivity results from the culture last week. Lab results pending.</p>
29 Jul 2004	Animal management note	<p>New keeper to area beginning basic commands with elephants.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
30 Jul 2004	Medical note	<p>Inside nail has rotten tissue about dime size with infected squirting out man times as keeper shaved base of nail. Flushed both feet. The right foot was very warm where infection is, keepers used syringe to flush area w/ iodine after soaking in nolvasan solution.</p>
31 Jul 2004	Behavior note	<p>Moki rammed divider of the 2 stalls when kprs were getting ready to medicate Chana's foot. Iodine scrubbed and used syringe to squirt up inot places.</p>
		<p>This comment was added to the following specimens: M30033, M59033.</p>
1 Aug 2004	Medical note	<p>Cleaned more rotten pad from base of inside nail on right front and cleaned off more nail on both nad nails of left front. All iodine scrubbed, foot soaks to both feet and furazone.</p>
3 Aug 2004	Medical note	<p>Debrided nail edges and rotten pad/tissue on all 3 nails of front feet. Scrubbed with nolvasan, footsoaks, and furazone applied.</p>
3 Aug 2004	Medical note	<p>Vet report notes. Keepers report infected nail on right foot. Recommendation continue cleaning and soaking with nolvasan solution and Sells would contact Dr. Oosterhaus for another opinion. Drs. Oosterhaus and Miller recommended that the elephant receive oral antibiotics. Uniprim ordered from Butler. To mix 5 pkts with goodies and treat for 7-10 days.</p>
4 Aug 2004	Behavior note	<p>Elephants acting up from 4-4:30. Throwing things, running over toward rhino yard, ganging up on wood toy. Threw a fire between elephant/rhino yards.</p>
		<p>This comment was added to the following specimens: 901070, M59033, M30033.</p>
4 Aug 2004	Animal management note	<p>New kpr Greg giving basic commands to elephants and holding during footwork.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
5 Aug 2004	Animal management note	<p>New kpr Greg gave foot work commands, and checked both elephants feet today. Chana's feet debrided dead tissue and nail edges on right and left front. 2 footsoaks and furacln powder applied.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
7 Aug 2004	Medical note	<p>Footsoaked 2x today and scrubbed with iodine solution. Had alot of rocks stuck in teh uneven tissues of infected nails. Scrubbed rocks and dead tissue out as best as keepers could.</p>
7 Aug 2004	Animal management note	<p>Kpr Greg holding and positioning Moki and doing footwork on Chana.</p>
		<p>This comment was added to the following specimens: M59033, M30033.</p>
8 Aug 2004	Medical note	<p>Removed lots of rotten tissue from 3 bad nails. One almost completely cleaned out. Scrubbed, soaked in iodine solution, sprayed with furacln, etc 2x.</p>
10 Aug 2004	Medical note	<p>Vet re check. Thought toes on the left foot were looking better but was concerned that she might lose the</p>



nail on her right foot. Uniprim ordered and recd today. Start on the antibiotic on Wed 5 packets per day for 5-7 days.

12 Aug 2004	Medical note	Foot soak x2. Debrided right front nail. Took off more nail and some rot at nail base. Gave her 5 pkts of antibiotics in pm (90% taken). Used cantaloupe; obviously tasted antibiotic, but she eventually ate all the cantaloupe only after stuffing bread in the cantaloupe also.
13 Aug 2004	Medical note	Debrided rotten tissue, foot soaked x2, furazone applied. Ate all meds mixed with peanut butter and jelly on bread.
14 Aug 2004	Medical note	Debrided left nails, foot soak, furazone. Took all meds.
15 Aug 2004	Medical note	Debrided all bad nails. Still rot tracks in right front nail. Soaked, etc 2x. Fed 5 pkts of antibiotics and she consumed 100%
16 Aug 2004	Enrichment	Keepers drilled holes in "ice-cube_ enrichment for elephants.
		This comment was added to the following specimens: M59033, M30033.
17 Aug 2004	Medical note	Continues to take 100% of meds. No longer soaking per Dr. Sells. Just scrub w/holvasan, spray w/furazone.
17 Aug 2004	Animal management note	Newest keeper to area (Greg) doing basic commands with elephants and a couple of new commands.
		This comment was added to the following specimens: M30033, M59033.
17 Aug 2004	Medical note	Visual exam by vet for toenail infection To continue antibiotics for 2 more days and continue to clean daily. Dr. Sells.
18 Aug 2004	Medical note	Sent serum samples to Smithsonian National Zoo for EEHV testing. Test for free, just costs shipping. (elephant endotheliotropic Herpesvirus)
		This comment was added to the following specimens: M30033, M59033.
19 Aug 2004	Medical note	Med treatment sheet completed. Give 5 pkts uniprim powder mixed w/food or treats per day for 5-7 days. 12Aug- gave 1 pkt 13Aug thru 19Aug- ,meds given successfully.
22 Aug 2004	Medical note	Keepers continue to work on debridng bad nails daily.
29 Aug 2004	Animal management note	Training with new keeper to area (lauren) on footwork.
		This comment was added to the following specimens: M30033, M59033.
31 Aug 2004	Animal management note	New keeper to area (2+ months) giving commands to girls in stalls for 5-10 mins each.
		This comment was added to the following specimens: M30033, M59033.
3 Sep 2004	Animal management note	New keeper to area (Lauren) was trained on exfoliation on the elephants.
		This comment was added to the following specimens: M30033, M59033.
5 Sep 2004	Animal management note	Training new keeper to area (Lauren) on footwork with girls.
		This comment was added to the following specimens: M30033, M59033.
6 Sep 2004	Enrichment	Hung 2 scratch logs for elephants
		This comment was added to the following specimens: M30033, M59033.
7 Sep 2004	Behavior note	Elephants were somewhat excited about some runners that were making lots of noise as they passed during lock up hour.
		This comment was added to the following specimens: M30033, M59033.
7 Sep 2004	Medical note	Sells did a re check. Thought the infected nails were looking great.



11 Sep 2004	Animal management note	Lauren's first day solo on hydraulics. This comment was added to the following specimens: M30033, M59033.
14 Sep 2004	Animal management note	Rhino and elephants kept inside today. Keepers were working in elephant yard on the shade/enrichment structure. Slat was bolted in on top and a brush was hung. This comment was added to the following specimens: 901070, M30033, M59033.
20 Sep 2004	Animal management note	New keeper to area Lauren giving basic commands to elephants.
21 Sep 2004	Animal management note	New Keeper Lauren giving basic commands to both elephants. Tonya worked with M59033 on the "dive" command while she was in the pool today. This comment was added to the following specimens: M30033, M59033.
22 Sep 2004	Animal management note	Animals kept inside today due to rain all day. Lauren in for hydraulics/cleaning/footwork as Mark started in this area yesterday. This comment was added to the following specimens: 103074, 901070, M30033, M59033, M8602M.
30 Sep 2004	Animal management note	New commands given to elephants by Lauren (new keeper to area, but adding more commands) This comment was added to the following specimens: M30033, M59033.
11 Oct 2004	Behavior note	M59033 Elephant was aggressive towards rhino while he was in the alleyway. She knocked him 2 times with her trunk. She was also acting aggressively towards the other elephant M30033 while in the alley for cleaning. M30033 at one point let out a scream while Mike was backing up on her in the alley. New keeper to area (Lauren) worked on weight boards with elephants today.
12 Oct 2004	Enrichment	Tonight keepers giving "ice cube" enrichment device to elephants and filling w/chow. This comment was added to the following specimens: M30033, M59033.
13 Oct 2004	Animal management note	Cubes and browse thrown to elephants 6x throughout the day today. They were given ice cube enrichment last night. M59033 immediately moved it in the alleyway to where she ONLY had access to it; when it was moved back down to other elephant (m59033), she quickly lost interest and went back to her pm diet. This comment was added to the following specimens: M30033, M59033.
15 Oct 2004	Behavior note	Some mild aggression noticed between the 2 elephants when enrichment was thrown out today. This comment was added to the following specimens: M30033, M59033.
24 Oct 2004	Note	Someone had turned on all the viewing lights last night at Boo in the Zoo and left them on all night. Usually turned off for the night. Not sure who turned them back on. This comment was added to the following specimens: 901070, M30033, M59033.
27 Oct 2004	Animal management note	Applied mineral oil to elephant ears to help prevent cracking.
29 Oct 2004	Animal management note	New Keepers to Area (Mark and Lauren) first day solo to move animals, etc without long time keeper Tonya. Went well. This comment was added to the following specimens: 901070, M30033, M59033.
1 Nov 2004	Behavior note	During her bath session today, had her in stretch position and she broke from hold; keepers attempted for next hour to get her to stretch again but she would not. She will only receive basic staples for rest of day.
10 Nov 2004	Animal management note	New keeper (Mark) working basic commands with elephants. This comment was added to the following specimens: M30033, M59033.
14 Nov 2004	Animal management note	Worked with elephants today to swallow capsules. (Gel caps filled with kool-aid) Was not very successful, both girls ended up biting down on the capsules.



		This comment was added to the following specimens: M30033, M59033.
18 Nov 2004	Animal management note	New keeper to area (Mark) working commands with the elephants and 5 new commands today
		This comment was added to the following specimens: M30033, M59033.
22 Nov 2004	Physical condition	Piece of upper left tooth from this animal found in exhibit. Given to Education dept.
28 Nov 2004	Animal management note	Worked elephants with kool aid inside gel caps (in attempts to get them used to taking gel caps w/meds at later date)
		This comment was added to the following specimens: M30033, M59033.
1 Dec 2004	Animal management note	Worked w both elephants on opening mouths with tongue moved up for Kool-Aid and future pill popping with gel caps. Hoping to train girls to take gel caps without crushing (just swallow) for future medication issues.
		This comment was added to the following specimens: M30033, M59033.
3 Dec 2004	Behavior note	This elephant lethargic and seemed to have difficulty walking, acting as if walking painful, possibly straining to urinate, etc. Low output of urine and feces. Treated with 33cc of banamine in bread rolls. Unresponsive to commands from Lauren. Tonya called in and observed. Attempted to give metamucil also, but she would not take.
3 Dec 2004	Medical note	CBC/Chem profile ran at St. Catherines hospital (equine profile) Lab results - see medical file.
4 Dec 2004	Physical condition	Seems normal today after a rough day yesterday. She is acting normal today, walking fine and still has good appetite. Will go back to regular diet tonight. Keepers to continue to observe, however. Note: She did NOT have a bowel movement but did urinate 2x that were seen.
7 Dec 2004	Diet	Elephants have apparently gained weight. Substitution will be used: If extra browse is given that day, hay will be reduce by 1/2 bale for the both of them.
		This comment was added to the following specimens: M30033, M59033.
8 Dec 2004	Animal management note	Mark working commands with the elephants. Worked on "open" mouth command with kool-aid in gel caps for future medical dispensing orally.
		This comment was added to the following specimens: M30033, M59033.
8 Dec 2004	Diet	New diet system. Elephants got a lot of bread today, so NO reange cubes (substitution)
		This comment was added to the following specimens: M30033, M59033.
14 Dec 2004	Animal management note	Training new keeper Laurent on blood withdrawels on elephants.
		This comment was added to the following specimens: M30033, M59033.
16 Dec 2004	Animal management note	Working with elephants on "open" command. Filling gel caps with kool aid and trying to train them to swallow directly and not chew. For future medical treatment issues.
		This comment was added to the following specimens: M30033, M59033.
20 Dec 2004	Physical condition	Rear pads looking very thin.
		This comment was added to the following specimens: M30033, M59033.
23 Dec 2004	Animal management note	Area meeting notes up to 23Nov2004. Mark is continuing to work on basic commands with elephants. Lauren has been taught almost all commands for working with elephants. Husbandry procedures to perform periodically on the elephants include: footwork, scrubbing nail/cuticles with diluted noivasan/soap, washing around the eyes, applying mineral oil to back of ears, bathing, oxfoliation with the rasp.



During winter cleaning in the barn, keepers have started opening ERD up to allow for extra room for elephants in alleyway; we were hoping this would help to eliminate the rocking of gates, but Chana is still doing this. Keepers are backing both elephants off yard gate and holding them there until gate is opened. Moving Moki up prior to opening her stall door, so she is not crowding Chana when being let back into stall during a winter clean. Keepers are using enrichment devices in the alley for the elephants while they are being kept inside.

This comment was added to the following specimens: M30033, M59033.

3 Jan 2005 Animal management note Gave "pills" to elephants today. Worked with Moki (M59033) but not with Chana

This comment was added to the following specimens: M30033, M59033.

4 Jan 2005 Animal management note First time for Lauren to do bloodwork with the elephants.

This comment was added to the following specimens: M30033, M59033.

4 Jan 2005 Animal management note Area meeting notes.

Moki still showing aggression towards rhino when kept inside the barn (this occurs when rhino is in alleyway during cleaning and when Moki is in alley for cleaning- she is either ramming/rocking her gate towards him or kicking back at his gate towards him) She has also been continuing her aggression towards Chana, particularly ramming center divider of stalls. This occurs when they are put back into their stall for pm diet and thruout the day when being kept inside. It doesn't appear to always be food oriented. Chana- during winter cleans (when both are in alleyway), Chana has taken over Moki's bad habit of rocker her gate. Kprs have started opening the ERD up to lengthen the holding area during cleaning 2x. Before, kprs thought maybe the cause of this behavior was being cramped up in the alley, but now she can move around more and she still rocks the gate. Right now, kprs are verbally reprimanding her with a "NO" and then giving her short timeouts in the alley after we let Moki back into her stall. Kprs verbally reinforcing her when she is being good, but at this point, she is still rocking the gate. Kprs have been doing this for about 4 days now. Moki has then shown aggressions towards Chana during her timeouts on a few occasions; this may be due to the different routine and the protecting of her food. Kprs will be re-assesing this and making changes to try and curb this behavior.

This comment was added to the following specimens: M30033, M59033.

5 Jan 2005 Behavior note Moki M59033 showing aggression towards rhino 901070 when he was in alleyway. Rocking gate; also towards Chana. Ramming center divider during the am. No provocation observed other than Chana standing facing Moki.

This comment was added to the following specimens: 901070, M30033, M59033.

5 Jan 2005 Animal management note Marked worked elephants 2 times today and added 5 new commands. Today was the 2nd day of Elephant TB samples.

This comment was added to the following specimens: M30033, M59033.

6 Jan 2005 Animal management note This animal urinated on command this am.

13 Jan 2005 Medical note TB Truck washes collected 4 Jan thru 6 Jan 2005. 3 specimen from each elephant and sent to NVSL

This comment was added to the following specimens: M30033, M59033.

14 Jan 2005 Animal management note Both elephants "emptied" on command this am. (urinated)

This comment was added to the following specimens: M30033, M59033.

15 Jan 2005 Behavior note Aggression between the elephants while in alley. Moki laid down 2 times, stood on the gate, and tried to twist and reach Chana with her trunk. Chana kept backing into Moki and not leaving her alone. Very loud and both animals rocking the gates.

This comment was added to the following specimens: M30033, M59033.



16 Jan 2005	Animal management note	Gave elephants access to alley in the pm. Keepers worked on transferring them back and forth between stalls.
		This comment was added to the following specimens: M30033, M59033.
24 Jan 2005	Behavior note	Moki M59033 urinated on command in am and Chana M30033 went immediately following Moki's start.
		This comment was added to the following specimens: M30033, M59033.
30 Jan 2005	Medical note	Kprs starting to treat for stone bruise appearing area on both sides of toe on the left front.
30 Jan 2005	Behavior note	M59033 was aggressive towards M30033 today.
		This comment was added to the following specimens: M30033, M59033.
31 Jan 2005	Medical note	Scrubbed left front nail- cleaned out more nail and rotted tissue and nolvasan soak for 10 mins. Scrubbed and applied kopertox in pm.
1 Feb 2005	Medical note	Vet visit. Kprs report a soft spot by the nail on her left front foot. Sells did exam and recommended that the kprs continue soaking and cleaning out the debris around the wound and the toenail. Also recommended that the kprs try applying tough skin to the area 2x per day. Sells believes that the sand paper feel of the cement floor is causing the problems we are now seeing with her feet. Recommendation is to smooth the surface of the floor to prevent future occurrences of this type of problem.
2 Feb 2005	Animal management note	Kprs cut more nail/rotted tissue from left front nail and soaked in nolvasan solution. Applied furazone spray. Scrubbed and flushed and sprayed in the pm.
2 Feb 2005	Animal management note	Kprs worked one session of "tongue depression" with elephants. Working toward a pill taking. Both are still keeping tongues locked up against roof of mouths.
		This comment was added to the following specimens: M30033, M59033.
3 Feb 2005	Medical note	Cleaned out more nail and rotted tissue, soaked in nolvasan solution. PM- scrubbed and medicated with furazone.
6 Feb 2005	Behavior note	M59033 was ramming bars and gate at rhino in am and kicking at other elephant during training session today
		This comment was added to the following specimens: 901070, M30033, M59033.
6 Feb 2005	Medical note	Area between middle toes, blown open. Cut away ~ 3" diameter area of pad, nail, infections of 2nd nail from inside. Scrubbed, soaked 2x for 10 mins today and applied furazone spray
7 Feb 2005	Medical note	Cleaned away more nail, pad and infection. Soaked, scrubbed, sprayed with furazone. Applied tuff foot spray.
8 Feb 2005	Medical note	Cleaned away more nail, rotten tissue, scrubbed w/ nolvasan. Keepers opened pocket of rot on opposite side of 1st blown nail and also on 2nd nail from outside. Infection oozed out.
9 Feb 2005	Medical note	Major medical (as yesterday) to feet.

<u>Date</u>	<u>Enclosure</u>	<u>Reason</u>
19 Nov 1986	ELEPHANT	12:00:00 PM - eleph

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
19 Nov 1986	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
19 Nov 1986	Unknown	