

WaNPRC Records Review
Animal Observations noted during site visits

WaNPRC Arizona

Inspection date: 9/30/19

- Z17162: prolapse that self-corrected
- M11094: Thin with minor to moderate alopecia, currently group housed. Her weight is back up after treatment.
- T09176: high globulen, not valley fever though
- Z18043: This youngster had a broken arm (radius), and it's not healing well. WaNPRC is looking into orthopedic equipment so they can pin the bone.
- Z17280: This youngster had a broken arm (radius and ulna). The animal messed with its cast, and it got so bad they had to euthanize the animal on 10-17-19.
- Z16358: On treatment for valley fever, was doing some coughing at the time of the inspection.

New Behavior person starts later in November at AZ.

WaNPRC Records Review

Animal Observations noted during site visits

WaNPRC AZ

Inspection date: 03-08-19

- The following animal records were reviewed and the cases discussed:
 - Z16358: Valley fever animal in AZ, Starting mucinex (pair-housed)
 - Z14141: Animal developed seizures while pregnant and infant given to another dam after it was born. She kept having seizures and was euthanized
 - Z19055: Infant had scabs on ischial pads, healed and fine (group housed in a compound)
 - A10181: She had a wound and was in the hospital, healed and wounded again last week. Doesn't do well in a compound. She's due to come to WA in the next couple of months.
 - Z19020: Still in nursery, he had aspiration pneumonia and he's doing well.
 - Z13090: Campylobacter positive, treated, was positive for Valley Fever, fecal recheck on May 6 and return to social group.

From: Robert D. Murnane <rmurnane@uw.edu>
Sent: Thursday, May 9, 2019 12:20 PM
To: Audrey Baldessari; Keith Vogel; Charlotte E. Hotchkiss; Kathryn A. Guerriero; Dean Jeffery; Jason D. Laramore; Tess House; cmali
Subject: 19-041 and 042 (Z19068 and Z14141)
Attachments: 19-040 (Z19068) histo.docx; 19-041 (Z14141) histo.docx

Hi all:

Please find attached final reports on the above 2 cases. Interestingly, Z14141 was cerebral Valley Fever, and both animals were from the same dam who also was diagnosed clinically with Valley Fever.

Please contact me with any questions, comments or concerns.

Cheers
Bob

University of Washington
National Primate Research Center

Accession # 19-040
Submission Date 20 Mar 19

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester TH Investigator Hotchkiss Animal ID # Z19068
Species Mn Requester's Phone 5-1842

Date of Death 03/06/19 Date of Necropsy 03/06/19 Time 1300 Pathologist TH

Nutritional Condition: ☐ Adequate X Marginal ☐ Poor ☐ Obese

Other Tests Required: ☐ Sero ☐ Micro ☐ Parasit ☐ Other _____

Other Diagnostic Samples _____

Type of report: ☒ Final 9 May 19 ☒ Preliminary _____ ☐ Amended _____

Clinical History:

Infant delivered overnight and found dead in the enclosure (181) when husbandry staff arrived in the morning. The dam (L03132) was sedated for her semi-annual exam on 03/04/19 and based on measurements at that time, the estimated due date was 03/22/19. The infant was positioned head down and the placenta appeared normal. Fetal heart rate at that time was normal as well (210 bpm). There were no significant abnormalities on the dam's exam that day other than a BCS of 4/5 and moderate dental calculus.

The dam has a history of a natural nonviable birth in 2013 and had viable births in 2014, 2015, and 2016. The dam was positive in the past for valley fever and had been on treatment until September 21st, 2018. She was discontinued from treatment after having a year of negative cocci titers. One of her previous births (infant born in 2014) is a current valley fever case.

The majority of the placenta could not be recovered from the group enclosure but very small portions of it observed in the bedding appeared normal.

Gross Description:

A 0.48 kg (BCS 2.5/5) female *Macaca nemestrina* is presented for necropsy.

Externally there are two abrasions on the ventral abdomen and inguinal region consistent with postmortem trauma. (When the infant was removed from the group enclosure, the dam reached through the mesh to grab at the infant's rear legs.) No other signs of bruising, bleeding, or trauma noted; no breaks in the skin were identified. A small amount of dark, fluid feces was present around the rectum and a rectal swab was collected and submitted. A small portion (about 2 cm) of the umbilicus was attached and appeared normal; this was submitted for histopathology.

Upon internal examination, the liver, gallbladder, stomach, kidneys, adrenal glands, intestines, bladder, and reproductive organs appeared normal. The spleen was of normal shape, consistency, and color but

subjectively appeared slightly smaller than expected. The heart appeared normal and no free fluid was found within the thoracic cavity. The cranial left lung lobe was mottled in appearance and had areas of dark red mixed with a light cream color. No exudate was noted on cut cross section and the lobe would partially float in formalin. The remaining lung lobes on the left side and the entirety of the right side were dark red in color and sank in formalin. These lung lobes did not have exudate on cross section.

A small area (about 1 cm in diameter) of hemorrhage was noted in the left occipital region of the brain. No fractures of the cranium were noted and the skull and brain appeared otherwise normal. The cerebellum and brain stem appeared normal. There was no hematoma or bruising noted in the skin overlying the occipital region. Animal husbandry did comment that the dam was on a perch in the enclosure and dropped the deceased infant when they went to shift her to a different enclosure.

Gross Diagnosis(es):

1. Stillbirth

Histological Findings:

Lungs are uninflated and have diffuse, moderate, deep aspiration of amniotic cells and debris. There also is extensive congestion.

Sections of brain, spleen, adipose (adequate), lymph node, pancreas, liver, heart, kidneys, skin with umbilicus, and umbilical cord are unremarkable.

Final Principal Diagnosis(es):

1. Moderate, diffuse, deep aspiration of amniotic cells and debris with uninflated lungs
-

Histology Comments:

Amniotic cells and debris within alveoli without inflammation and noninflation of the lungs are consistent with agonal aspiration due to fetal distress. This finding in concert with lack of other overt lesions suggests stillbirth due to dystocia.

Please contact either of us with any questions, comments or concerns.

Pathologist TH(gross)/RM (histo)

University of Washington
National Primate Research Center

Accession # 19-041
Submission Date 20 Mar 19

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester TH/CM Investigator Hotchkiss Animal ID # Z14141
Species Mn Requester's Phone 5-1842

Date of Death 03/13/19 Date of Necropsy 03/13/19 Time 1100 Pathologist TH/CM

Nutritional Condition: ☒ Adequate ☐ Marginal ☐ Poor ☐ Obese

Other Tests Required: ☐ Sero ☐ Micro ☐ Parasit ☐ Other _____

Other Diagnostic Samples CSF (cryovial)

Type of report: ☒ Final 9 May 19 ☒ Preliminary _____ ☐ Amended _____

Clinical History:

A 4 year, 10 month old, 8.23 kg female pigtail was presented for necropsy in good condition. She was negative for valley fever on cocci titers leading up until April 16th, 2018 when she was tested at the time of semi-annual exams. She had been noted around this time for coughing and radiographs showed a moderate bronchointerstitial pattern bilaterally. She was started on an oral dose (100 mg) of fluconazole. On May 8th, 2018 she was observed favoring her right hand and had superficial abrasions on D3 and D4 and a short course of NSAIDs were added to her treatment plan. A week later, on May 15th, 2018 she was observed with bilateral epistaxis and did not want to turn her head side to side. She was removed from her social group and started on amoxicillin and a short course of prednisone. The epistaxis resolved but reluctance to turn her head was noted on May 17th, 2018. She was sedated again on May 23rd for a follow up cocci titer and full body radiographs. No evidence of compressed disc spaces, reactive bone, or spondylosis were noted, lungs appeared stable. On physical exam under sedation, there was normal ROM of the head and neck. She appeared to be improving and was returned to her social group on May 30th and continued on fluconazole. On June 21st, she was noted for audible breathing and albuterol was started as well as a short course of prednisone. A slight cough and audible breathing was noted on July 3rd, particularly when active or excited and a short course of prednisone given. On July 30th she would not come up to the front of the group enclosure to take her treatment and appeared ataxic and uncoordinated. She was sedated for an exam, blood work, and radiographs. Her lung sounds were slightly increased on inspiration on the left side but not the right and radiographic changes were mild on the left side. The CBC had a machine error and the chemistry showed a slightly decreased GGT that may have been a machine error and a low albumin (2.7). The cocci titer showed a decreased IgG (see table below). On August 27th, she was noted to be coughing again and a tapered course of prednisone was tried this time. Two days later, she was found seizing prior to receiving her morning dose of fluconazole. Leading up to the seizure, she was noted to be ataxic on the left side and tossing her left arm in a rhythmic pattern towards her chest. By the time that the vet tech had called the veterinarian, the seizure had stopped. She was given her fluconazole and a dose of oral diazepam for any refractory seizures and moved from her social group to a single cage. Shortly after being moved to the cage, she seized again and an injection of diazepam was given, which she responded to quickly. The following day (August 30th) she was sedated for another exam, blood work, cocci titer, and radiographs. Both lung fields had increased sounds on inspiration and a mild bronchointerstitial pattern

was noted (vertebrae appeared normal). There was a moderate hypoproteinemia and a mild neutrophilia. On September 25th, another seizure occurred and she was sedated for exam. There were bilateral increased lungs sounds on inspiration but no other abnormalities found on exam. A CBC showed a mild leukocytosis and the ALP was unremarkable. Pregnancy was discovered on ultrasound on this exam. The third observed seizure occurred on October 15th and long term antiepileptic medication was started. Initially daily oral diazepam was given until levetiracetam and gabapentin could be acquired. A break through seizure was noted on November 9th and responded quickly to injectable diazepam. The animal had not yet received her doses of gabapentin, levetiracetam, or fluconazole for the day when that occurred. Another break through seizure was observed on December 15th in the morning, when she had consumed about half of her morning medications and responded to an injection of diazepam. She was noted to be increasingly difficult to medicate (would try to pick out pills) so oral formulations of levetiracetam and gabapentin were obtained from a compounding pharmacy. She seemed to do better with oral liquid medications but continued to have break through seizures, with another observed on January 4th which again responded to injectable diazepam. After discussion and concerns were raised with respect to seizures and the stress of the impending labor, a C-section was elected and performed on January 10th. The surgery went smoothly and additional pain meds and antibiotics were added to her treatment plan. The infant was reintroduced following recovery but the dam would hold the infant very tightly around the neck and would not allow the infant to nurse for very long so the infant was removed. The doses of oral levetiracetam and gabapentin were adjusted as her weight changed following the pregnancy and she continued on 100 mg of fluconazole. A break through seizure was observed on March 6th which responded to injectable diazepam and endpoint set for March 13th.

| Cocci | Panel Comments | IgG Titer Result | IgG Titer Value | IgM Titer Result | IgM Titer Value |
|----------|----------------|------------------|-----------------|------------------|-----------------|
| 1/10/19 | | positive (+) | 1:4 | negative (-) | <1:1 |
| 10/29/18 | | positive (+) | 1:2 | positive (+) | 1:2 |
| 9/25/18 | | positive (+) | 1:8 | positive (+) | 1:2 |
| 8/30/18 | | positive (+) | 1:32 | positive (+) | 1:2 |
| 7/30/18 | | positive (+) | 1:4 | negative (-) | <1:1 |
| 5/23/18 | | positive (+) | 1:32 | positive (+) | 1:2 |
| 4/16/18 | | positive (+) | 1:16 | positive (+) | 1:4 |

Note that cocci titers were done in 2014-2016 and were negative. No titer was done in 2017.

Gross Description: There was a moderate amount of subcutaneous fat noted during necropsy and a significant amount of intrabdominal and pericardial fat. There were some mild adhesions of the subcutaneous fat over the linea alba from the previous C-section incision.

The liver had slightly rounded edges but appeared otherwise normal on gross appearance and there were no abnormalities of the gallbladder appreciated. Several sections of the liver were submitted including a section with a portion of the gallbladder attached.

The stomach, intestines, pancreas, kidneys, adrenals, spleen, and bladder appeared normal. There was a moderate amount of digesta within the stomach and intestines that was of normal consistency and appearance.

The uterus had several small adhesions over the previous C-section incision site and what appeared to be a small amount of suture material present. The ovaries and uterine horns appeared normal. Externally, mild to moderate tumescence was noted.

The lung lobes were mottled and of varying shades of pink and dark pink or red. There were numerous small (1-2 mm) multifocal white nodules throughout all lung fields. Several adhesions were present

between the right cranial lung lobe and the thoracic wall. No free fluid was present within the thorax and no exudate noted on cut cross section of the lungs. All sections of lung tissue floated in formalin. There were no gross abnormalities of the heart other than the pericardial fat previously mentioned.

The brain and a small portion of the spinal cord were removed from the skull. No gross abnormalities were appreciated.

Blood samples were collected for cocci titer and serum chemistry and complete blood count but, unfortunately, were severely clotted. Attempts to run the samples on in-house machines resulted in errors.

A small amount of CSF was collected and submitted in a cryovial. Attempts to collect joint fluid from both stifles were unsuccessful.

Gross Comments:

While no abnormalities of the CNS were identified, valley fever is suspected as the cause of the seizures and histopathology is pending.

Histological Findings:

In the cerebrum, there are regional, multifocal and coalescing pyogranulomas and granulomas with numerous giant cells, Mott cells and rare organisms consistent with *Coccidioides* sp, and the lesions cause extensive, regional effacement of neuropil. There also is regional, chronic-active, leptomeningitis. Spinal cord is unremarkable.

Lungs have diffuse congestion and edema (agonal), and two, small, alveolar nodules of granulomatous and fibrosing inflammation, and also mild to moderate perivascular, peribronchial and peribronchiolar lymphohistiocytic aggregates and pneumoconiosis.

Stomach, small intestine and large intestine have mild to moderate lamina propria infiltrate of/increase in eosinophils, lymphocytes, plasma cells, and macrophages. The small intestine has moderate villar blunting and fusion, and some regions with moderate goblet cell hyperplasia.

Sections of lymph nodes, spleen, liver (mild lobular collapse and scattered, mild lymphohistiocytic aggregates), gall bladder, heart (moderate steatosis of atria, and mild megalo- and dyskaryosis), kidneys (mild diffuse membranoproliferative change of glomeruli and focal minor interstitial lymphohistiocytic aggregate), skin with mammary gland, muscle, and pancreas are unremarkable besides stated minor changes.

Final Principal Diagnosis(es):

1. Severe, regional-multifocal-cerebral, pyogranulomas and granulomas with rare organisms consistent with *Coccidioides* sp: **Cerebral coccidioidomycosis**
 2. Mild, bi-focal, granulomatous and fibrosing pneumonia
 3. Mild to moderate, diffuse, eosinophilic, lymphoplasmacytic and histiocytic gastro-entero-colitis with enteric villar blunting and fusion, and with near-diffuse, large intestinal spirochetosis
-
-

Histology Comments:

Clinical CNS signs and demise were due to cranial Valley Fever. Additionally, the chronic lung lesions were likely from past Valley Fever as well.

Diagnosis #3, which can cause diarrhea and potentially other sequelae thereof, represents typical changes in this species in this colony, and they have been previously discussed. Changes present are consistent with food allergy/hypersensitivity/dietary intolerance/IBD. Please contact me if you wish to discuss these changes further.

Please contact any of us with any questions, comments, or concerns.

Pathologist TH/CM (gross)/RM (histo)

From: Jason D. Laramore
Sent: Thursday, July 18, 2019 10:23 AM
To: dekar
Subject: FW: AZ shipment

From: Tess House [mailto:th81@uw.edu]
Sent: Wednesday, July 17, 2019 4:24 PM
To: Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>; Dean Jeffery <daj12@uw.edu>
Cc: Sally Thompson-Iritani <sti2@uw.edu>
Subject: AZ shipment

Hi Seattle,

Sorry to cut out early to run down to the colony, one trauma case from this week was one of the animals to be shipped to Seattle. She had a small laceration on the top of the head today and it was closed with three simple interrupted sutures.

Of the 57 heading your way, 12 are on treatments. Caroline and I are coming in at 5 tomorrow to give them their morning doses prior to being shipped. They are as follows:

Valley fever monkeys: Z17137, Z14333 (**heads up to watch this guy, he's had neuro symptoms when his VF has flared up, typically head tilt; no issues with this for several months**), Z13337, Z14323

Z14001 is also a valley fever girl and the one with the laceration today. I gave injectables of pain meds and antibiotics today but we're going to start her on oral antibiotics, probiotics, and pain meds tomorrow. Once she was awake enough, I gave her a probiotic. This girl is a corner stealth monkey that will make you do a double take to check the cage-she will hide and freeze but if a hand gently comes out close to the corner she's hiding in, she'll take meds well. In a group, she has been really good for coming up for the techs.

Z17064, Z13090, M10166, Z14134, Z14140, Z14308, and Z16043 are either chronic weight loss/lean monkeys or repeat diarrhea cases. Only two are on antibiotics (Z17064 and Z13090), the rest are either on GI supportives like probiotics or nutritional support. Those that are on antibiotics have had their feces go from fluid to formed and were formed this morning.

All of the valley fever monks come up well in group for treatment but if you have difficulty treating them, usually fig newtons, protein bars, and monkey dough have a high success rate.

That's all for now,
Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: Dean Jeffery <daj12@uw.edu>
Sent: Wednesday, February 27, 2019 5:22 PM
To: Jason D. Laramore; Keith Vogel; Kathryn A. Guerriero
Cc: cmali
Subject: FW: Z17139 for Discussion
Attachments: 12022019-085025_EXTREMITY.jpg; 12022019-085207_EXTREMITY.jpg;
12022019-073001_EXTREMITY.jpg; 12022019-084931_EXTREMITY.jpg

I went back and looked at the original rads. Granted they were only 2 weeks ago but I see the same sort of mottling with the femoral and tibial epiphyses. I wonder if this is what immature cancellous bone looks like.

Also, just looking at the lateral aspect of the femoral condyles on the DV view, it shows just how much a little rotation can distort the image to create the appearance of differently sized joint spaces.

I can't wait to see what the Valley Fever titer shows! In the meantime, is it possible to reach out to the lab you sent the cytology too and ask for a re-read to look for Valley Fever spores? There's usually a small nominal fee associated with this. Also, it sounds like it's time for an antibiotic change in the event that this is some resistant bug. I'd go doxy or clindamycin (and just be prepared to manage the diarrhea, which sounds like the lesser of two evils).

DJ

From: cmali <cmali@uw.edu>
Sent: Tuesday, February 12, 2019 1:13 PM
To: Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Keith Vogel <vogelk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Britni C. Curtis <britcurt@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: Z17139 for Discussion

Hi All,

Case discussion for tomorrow (or via email if that works better)...

Z17137 presented on for toe-touching lameness and non-weight bearing on the rear left leg on 29 Jan. This animal was in an indoor/outdoor enclosure with ~20 other juvenile animals. On PE there was nothing remarkable (no soft tissue swellings) and ROM was normal for affected limb. X-rays revealed nothing unusual. He was prescribed Meloxicam and cage rest.

Since then, techs report intermittent weight bearing on the limb and also on the right limb. This morning he was scooting on the perch bars on his bottom and holding both feet up, and not grasping with the right. He was also swinging around a bit and holding both hind limbs tucked up (but there was a lot happening in the room so he may have been nervous/stressed and therefore behaving weirdly).

Further examination today revealed firm swelling/thickening on the medial aspect of the left stifle and decreased extension of the leg at the stifle (~90% extension) when compared to the contralateral limb. Cranial drawer, tibial thrust, and patellar laxity seemed comparable between limbs (but we aren't sure what normal is, the stifles bilaterally seemed a little wiggly/loose subjectively). X-rays are attached.

Right limb appears normal. Meloxicam and cage rest were extended.

Plan for now is to recheck with xrays in 2 weeks.

All input/suggestions are welcome!!!

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



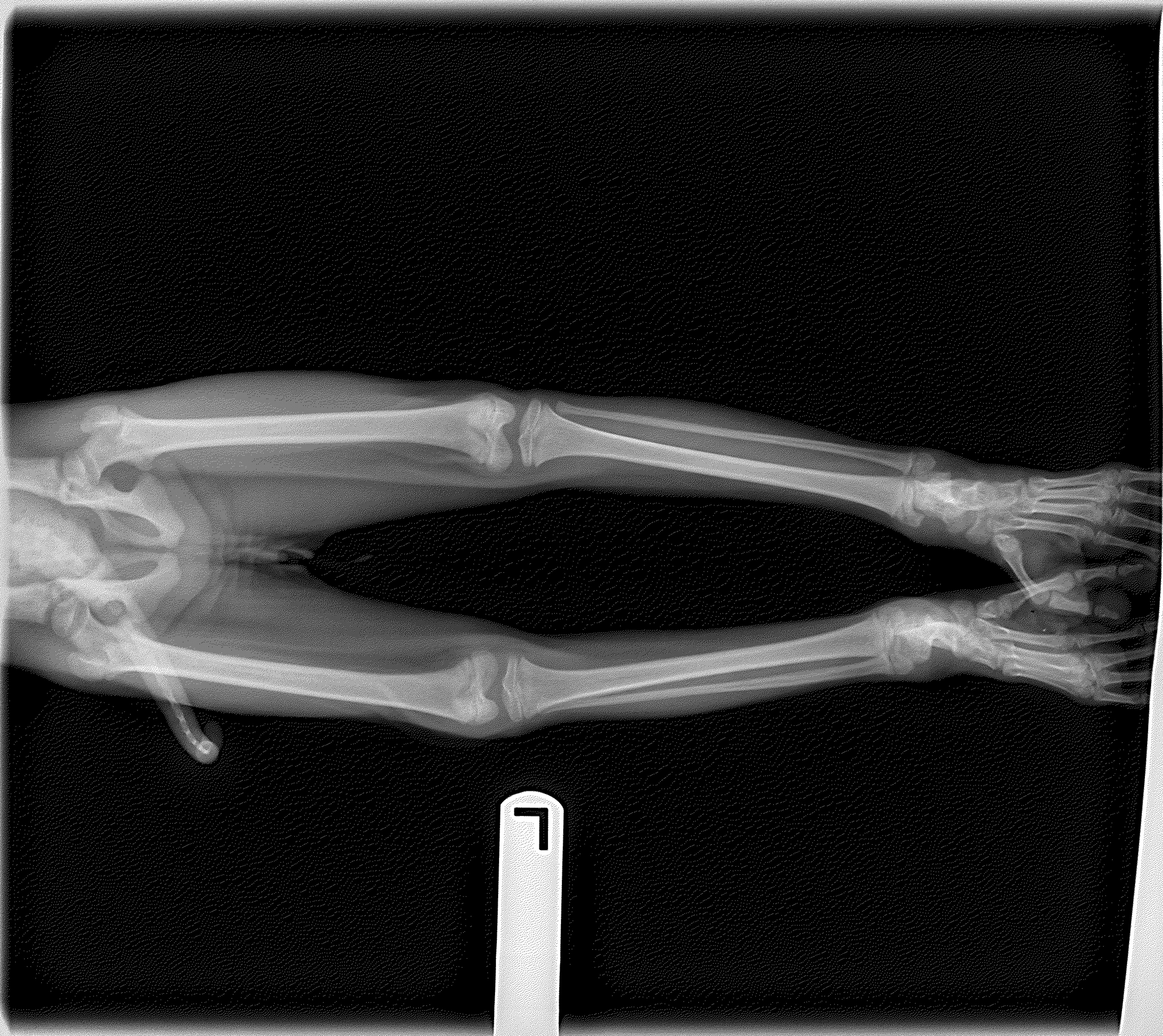
Dare 2 Care... | explore UW's Compassion Fatigue Program

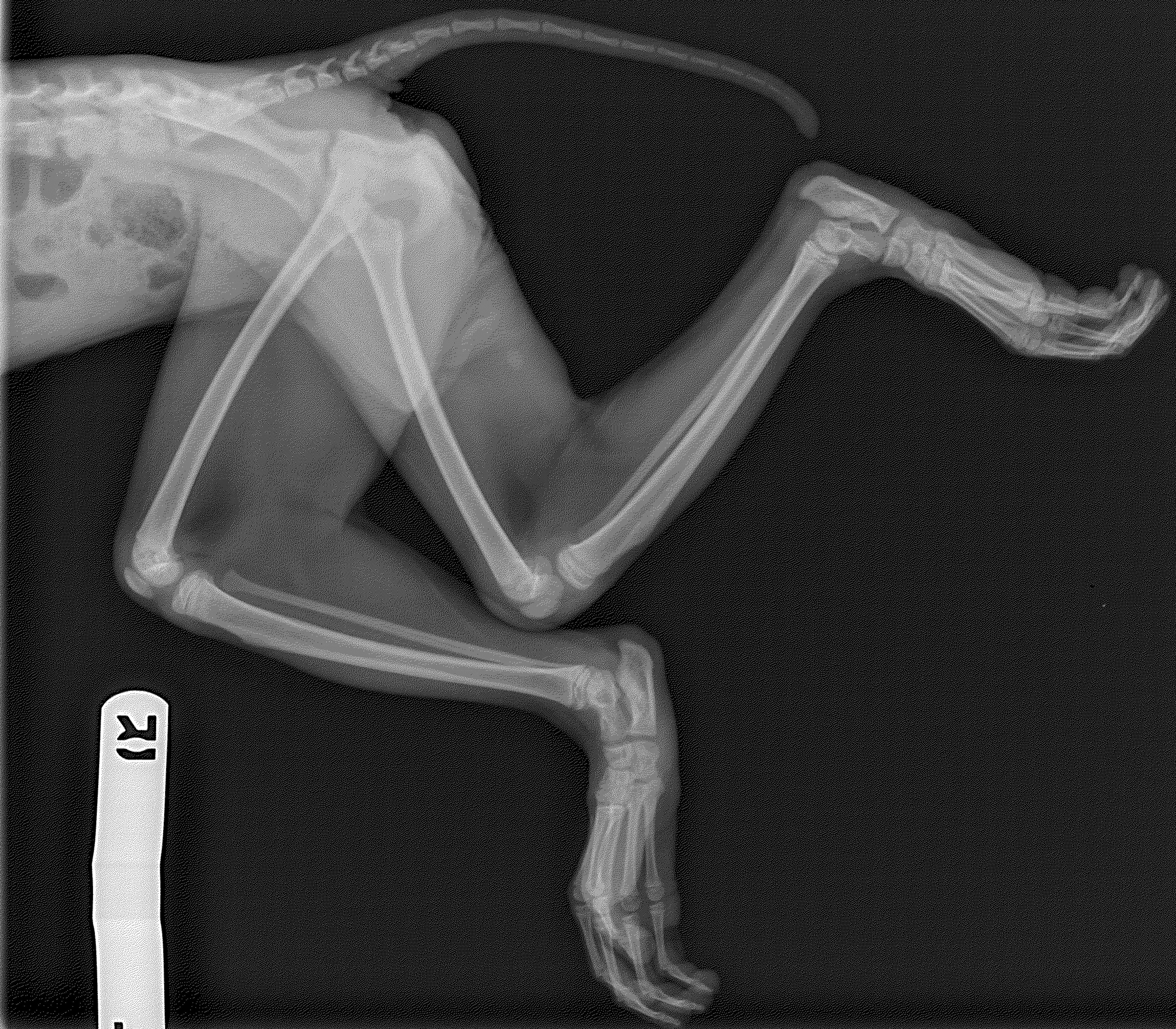
D2C

Compassion

Fatigue







21



From: Wanprc_clinical_seattle <wanprc_clinical_seattle-bounces@mailman11.u.washington.edu> on behalf of Matt Hamlin <zen42@uw.edu>
Sent: Saturday, September 28, 2019 2:33 PM
To: Charlotte E. Hotchkiss; WaNPRC Clinical Seattle
Subject: Re: [Wanprc_clinical_seattle] Fw: Protatek lab results for WaNPRC-WA mischievous monkey
Attachments: ATT00001.txt

Yikes! I'll check the med sheet and make meds up for these animals tomorrow if needed.-Matt

From: Wanprc_clinical_seattle <wanprc_clinical_seattle-bounces@mailman11.u.washington.edu> on behalf of Charlotte E. Hotchkiss <chotchki@uw.edu>
Sent: Saturday, September 28, 2019 2:15 PM
To: WaNPRC Clinical Seattle <clinsea@uw.edu>
Subject: [Wanprc_clinical_seattle] Fw: Protatek lab results for WaNPRC-WA mischievous monkey

We have three new Valley Fever cases at Western, in addition to the two chronic cases. One of them is the osteomyelitis monkey - the top differential for him now is Valley Fever, which is bad because it's hard to treat in bone. I've put them in ARMS to start on fluconazole tomorrow. If the treatment sheet was already printed without them it will need to be re-printed.

Thanks,
Charlotte

From: Cyndi Holland <cholland@pharmgate.com>
Sent: Saturday, September 28, 2019 12:35 PM
To: Charlotte Hotchkiss (chotchki@wanprc.org) <chotchki@wanprc.org>
Subject: Protatek lab results for WaNPRC-WA mischievous monkey

WHOA! What is going on here???

Wanprc_clinical_seattle mailing list

Wanprc_clinical_seattle@u.washington.edu

http://mailman11.u.washington.edu/mailman/listinfo/wanprc_clinical_seattle

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> on behalf of cmali <cmali@uw.edu>
Sent: Wednesday, February 27, 2019 1:30 PM
To: Britni C. Curtis; Charlotte E. Hotchkiss; Sally Thompson-Iritani; backward_vets
Subject: Re: [Wanprc_vets] Vet meeting today
Attachments: 27022019-101145_STIFLE.jpg; 27022019-101433_STIFLE.jpg; 27022019-101526_STIFLE.jpg; ATT00001.txt

Hi All,

this is Z17139, the kid who turned up lame that we did an arthrocentesis on....

We're thinking osteomyelitis likely due to valley fever...

Would like to discuss...

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



Dare 2 Care... | explore UW's Compassion Fatigue Program

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> on behalf of Britni C. Curtis <britcurt@uw.edu>
Sent: Wednesday, February 27, 2019 1:46 PM
To: Charlotte E. Hotchkiss; Sally Thompson-Iritani; backward_vets
Subject: Re: [Wanprc_vets] Vet meeting today

Hi,

I am closing the apheresis, so I will attend what I can, but it is likely that I will need to leave. Here is the agenda (attached). Most of the items for follow up are in red. Can someone please take notes, if I don't make it?

Thank you,
Britni

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Charlotte E. Hotchkiss
Sent: Wednesday, February 27, 2019 12:38 PM

To: Sally Thompson-Iritani <sti2@uw.edu>; backward_vets <wanprc_vets@uw.edu>
Subject: Re: [Wanprc_vets] Vet meeting today

I'm probably going to be late – I have a New Model Development Working Group conference call at 1:00, and expect it will go until 2:00.

Charlotte

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Sally Thompson-Iritani

Sent: Wednesday, February 27, 2019 12:36 PM

To: backward_vets <wanprc_vets@uw.edu>

Subject: [Wanprc_vets] Vet meeting today

I won't be able to call in.

Shout out to Dean for doing a nice job at the D2C meeting. He was very informative and helpful.

Also - some people need to update holiday hours in workday - if you need help let me know.

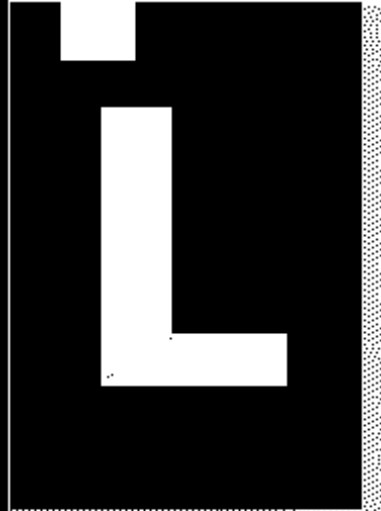
Thank you ~

Sally Thompson-Iritani, DVM/PhD, CPIA
~ *Certified Compassion Fatigue and Human-Animal Bond Practitioner* ~
Director, AWRS, WaNPRC; 206.661.6294
University of Washington, Seattle, WA
All typos courtesy of iPhone autocorrect

D2C

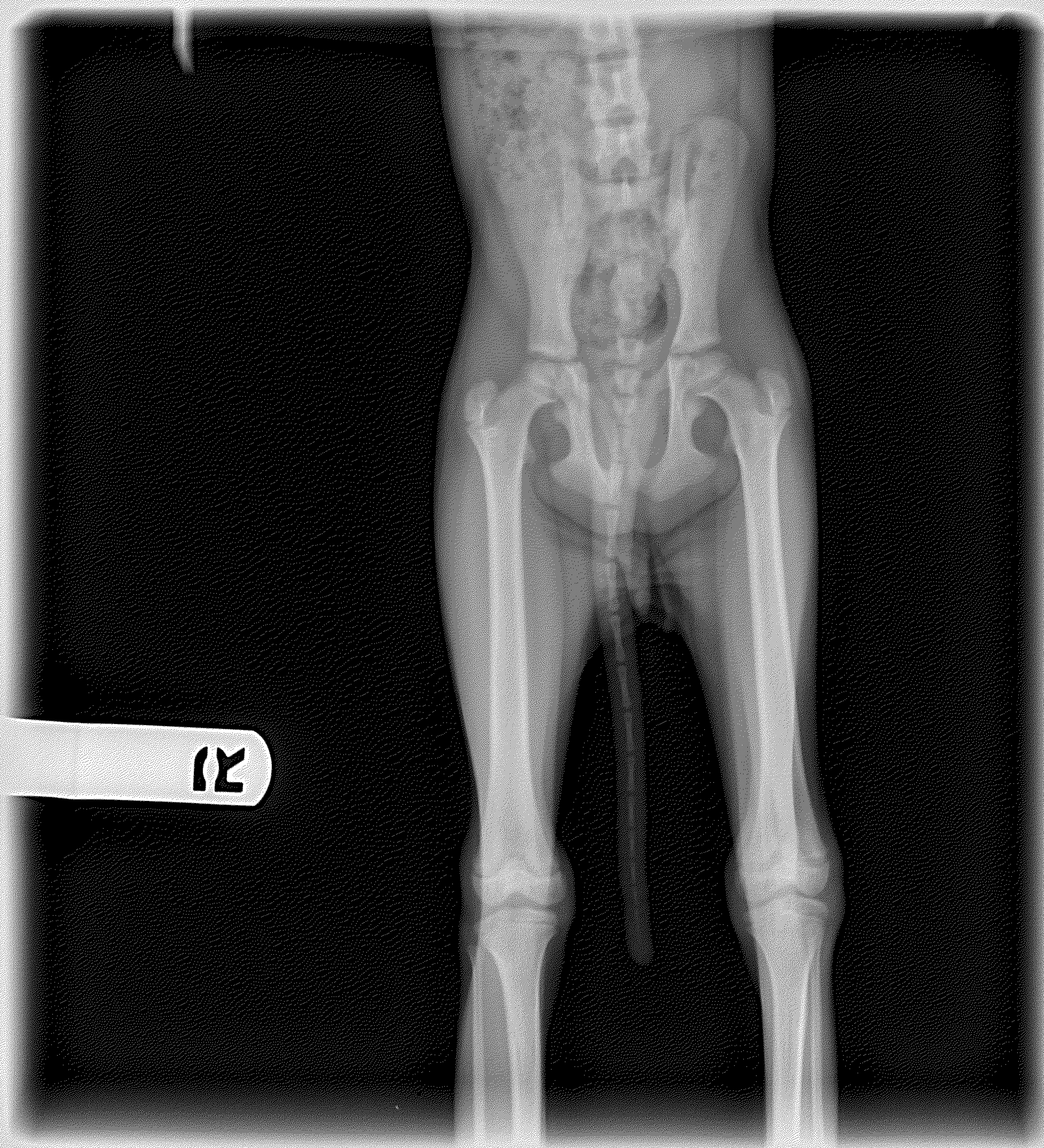
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Wanprc_vets mailing list

Wanprc_vets@u.washington.edu

http://mailman11.u.washington.edu/mailman/listinfo/wanprc_vets

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> on behalf of Tess House <th81@uw.edu>
Sent: Tuesday, October 29, 2019 2:23 PM
To: Kathryn A. Guerriero; Robert D. Murnane; wanprc_vets@uw.edu
Subject: Re: [Wanprc_vets] Z17170
Attachments: ATT00001.txt

A huge sigh of relief for us that it's VF and not TB-thank you Bob!!!

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Kathryn A. Guerriero
Sent: Tuesday, October 29, 2019 2:19 PM
To: Robert D. Murnane <rmurnane@uw.edu>; wanprc_vets@uw.edu
Subject: Re: [Wanprc_vets] Z17170

Glad that this was just valley fever (and not TB).

Kate

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Robert D. Murnane
Sent: Tuesday, October 29, 2019 2:14 PM
To: wanprc_vets@uw.edu
Subject: [Wanprc_vets] Z17170

Hi all (especially ABC vets!)

Disseminated valley fever EVERYWHERE:

Hilar nodes, lungs, rib, bone above eye, sternum, liver, kidneys, lungs, multiple abscesses....

Final report to follow soon.

Cheers

Bob

Wanprc_vets mailing list

Wanprc_vets@u.washington.edu

http://mailman11.u.washington.edu/mailman/listinfo/wanprc_vets

From: Jason D. Laramore
Sent: Tuesday, December 10, 2019 7:58 AM
To: Dean Jeffery; Kathryn A. Guerriero
Subject: RE: ARCF coverage 10-12 today

Good morning, Kate,

I can be available for any ARCF emergent cases. I am heading into the RR vivarium to evaluate a repeat trauma now.

Jason

From: Dean Jeffery [mailto:daj12@uw.edu]
Sent: Tuesday, December 10, 2019 7:23 AM
To: Kathryn A. Guerriero <kag18@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Subject: RE: ARCF coverage 10-12 today

I will be in a difficult wrist surgery with Keith (valley fever arm animal), so I could at best be available for a phone consult in the OR. Sorry,

DJ

From: Kathryn A. Guerriero <kag18@uw.edu>
Sent: Tuesday, December 10, 2019 7:21 AM
To: Jason D. Laramore <jasonl73@uw.edu>; Dean Jeffery <daj12@uw.edu>
Subject: ARCF coverage 10-12 today

Jason/Dean,

I just realized that I have another training from 10-12 this morning that I can't miss. Can you cover any emergencies/urgent cases that come up at ARCF during that time?

Thanks,

Kate

Kathryn Guerriero, PhD, DVM, DACLAM
Senior Clinical Veterinarian
Washington National Primate Research Center
University of Washington
BOX 357330
Seattle, WA 98195-7330
HSB office phone: 206-543-6999
Pager: 206-314-9731
kag18@uw.edu

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From: Tess House <th81@uw.edu>
Sent: Tuesday, May 7, 2019 5:09 PM
To: Keith Vogel; Dean Jeffery; cmali; Kathryn A. Guerriero; Jason D. Laramore
Cc: Charlotte E. Hotchkiss
Subject: Re: Stool Softeners

He has normal stools. He was a valley fever case but he just hit one year of negative titer status so we are ending his fluconazole today.

Tess

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Keith Vogel <vogelk@uw.edu>
Date: 5/7/19 4:27 PM (GMT-07:00)
To: Dean Jeffery <daj12@uw.edu>, cmali <cmali@uw.edu>, "Kathryn A. Guerriero" <kag18@uw.edu>, "Jason D. Laramore" <jasonl73@uw.edu>
Cc: "Charlotte E. Hotchkiss" <chotchki@uw.edu>, Tess House <th81@uw.edu>
Subject: RE: Stool Softeners

Is he constipated, normal stools or firm hard stools? I don't remember if you said.
Keith

From: Dean Jeffery <daj12@uw.edu>
Sent: Tuesday, May 7, 2019 4:15 PM
To: cmali <cmali@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>; Tess House <th81@uw.edu>; Keith Vogel <vogelk@uw.edu>
Subject: RE: Stool Softeners

Lactulose would be another potential cathartic to add to your list. It can be titrated to effect. But don't start too high a dose, or the subsequent diarrhea may just make him strain worse! I have not used lactulose in monkeys but would just take a human dose and scale it down.

DJ

From: cmali <cmali@uw.edu>
Sent: Tuesday, May 7, 2019 4:01 PM
To: Dean Jeffery <daj12@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>; Tess House <th81@uw.edu>
Subject: Stool Softeners

Hi Seattle Team!

We have a young male down here in AZ (~4 years old), who has been having recurrent rectal prolapses.

We've already placed a purse string on two separate occasions and have been considering putting him on stool softeners (he has not had any diarrhea) but really don't have any experience with this so we thought we would pick your brilliant minds!

We're considering the following:

1. colace
2. metamucil
3. prunes
4. pumpkin

We may need to do a maintenance item (maybe pumpkin or prunes) and then bump it up (colace?) if we have another prolapse/purse string, with consideration of a colopexy if this becomes (more) recurrent.

We're happy to hear any thoughts/experiences you have!!

Best,
The AZ Team

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



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From: Tess House <th81@uw.edu>
Sent: Thursday, February 7, 2019 12:15 PM
To: Kathryn A. Guerriero; Charlotte E. Hotchkiss; Dean Jeffery; Keith Vogel; Jason D. Laramore
Cc: cmali
Subject: RE: Thoughts on Coccidiomycosis Case

Catching up on e-mail now-I agree with Kate that it usually doesn't provide much additional information, however, sometimes it's nice to have the baseline rads in the event of them later on progressing to clinical symptoms like coughing. If we have a new valley fever case that doesn't have respiratory symptoms and normal auscultation when we pulled for the cocci titer we will usually do rads the next time we sedate an animal for a follow up.

Valley fever cases I dealt with in dogs I always tried to get chest and extremity rads on but getting rads on them was easier...unless they went full Chihuahua on me.

Tess

From: Kathryn A. Guerriero <kag18@uw.edu>
Sent: Thursday, February 7, 2019 12:47 PM
To: Charlotte E. Hotchkiss <chotchk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Keith Vogel <vogelk@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: RE: Thoughts on Coccidiomycosis Case

My 2 cents: if she sounds fine and no clinical signs, radiograph probably won't give you that much more useful informations, however the curious George in me says to go for radiographs (although I would wait for the planned sedation for TB testing since it isn't urgent – no need to sedate her an extra time).

Kate

From: Charlotte E. Hotchkiss <chotchk@uw.edu>
Sent: Thursday, February 7, 2019 8:47 AM
To: Dean Jeffery <daj12@uw.edu>; Keith Vogel <vogelk@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: RE: Thoughts on Coccidiomycosis Case

I don't recall her ever showing clinical signs of Valley Fever, so my plan with her was just to keep treating until we could get the titer to go negative. (I'm also not great at interpreting chest rads.) But I will defer to the Arizona vets because they have a lot more experience with cocci.

Charlotte

From: Dean Jeffery <daj12@uw.edu>
Sent: Wednesday, February 6, 2019 5:36 PM
To: Charlotte E. Hotchkiss <chotchk@uw.edu>; Keith Vogel <vogelk@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>
Cc: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: Thoughts on Coccidiomycosis Case

Hi Clinicians,

This can be discussed at our next clinical rounds, but M10123 (coccidioidomycosis) had a semi-annual exam yesterday. No abnormalities noted but a mild decrease in weight (0.5kg over 1 week, so likely mostly due to box weight vs fasted) and BCS (I called her a 2/5, so this could be totally just subjective). Anyhow, she has a mild eosinophilia (0.92, down from 2.71 in Aug/18) and I was thinking this could be related to ongoing coccidioidomycoses. Our dose is currently 100mg fluconazole which should be high enough based on literature I saw. So I'm wondering if I should bother with thoracic rads in an animal with normal auscultation and no clinical signs, or just repeat bloodwork near the end of Mar to see if we should keep the fluconazole going beyond that point. If people have opinions, we can talk at clinical rounds but I wonder if any of you have seen eosinophilia persist even after a case was considered cured?

Thanks,

DJ

From: Jason D. Laramore
Sent: Friday, August 23, 2019 3:43 PM
To: dekar
Subject: RE: W310 DI Lab Abnormalities

Sorry about leaving these loose ends...Keith and Charlotte may approach these cases differently (perhaps they will decline to recheck some of them in 2 weeks?).

Thank you very much for the wonderful baked goodies and card. I very much appreciate the gesture. The Twix cookie was amazing! I look forward to trying the cupcakes tonight with my family.

I have really enjoyed working with you during the past several months. Our personalities and work styles are sympatico, and I am not excited about starting over on campus. I bet the call will go out for additional vet help at Western during the upcoming semi-annual/TB testing so hopefully we will be reunited soon! Thanks for showing me the ropes and helping me get familiar with the monkeys. Good times!

Have a great weekend! Thank you again for card and treats.

Jason

PS. Give some extra love to my favorite compound girl (212)...let her pick apart your coat seams!

PSS. May the force be with you as well...

From: dekar [mailto:dekar@uw.edu]
Sent: Friday, August 23, 2019 3:22 PM
To: Jason D. Laramore <jasonl73@uw.edu>
Subject: RE: W310 DI Lab Abnormalities

Heavy Audible sigh

From: Jason D. Laramore <jasonl73@uw.edu>
Sent: Friday, August 23, 2019 3:16 PM
To: dekar <dekar@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>
Subject: W310 DI Lab Abnormalities

Hi Dawn,

Multiple lab-work abnormalities were detected in yesterday's Arizona new arrival processing (W310):

1. Z16339: thrombocytosis, neutrophilia, hyperglobulinemia. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation
2. Z17001: lymphocytosis, mild azotemia, increased GGT. PLAN: Recheck CBC/Chem in 2 weeks
3. Z16284: eosinophilia, mild azotemia. PLAN: Submit fecal sample for BioFire and O&P to rule-out endoparasites
4. Z17160: thrombocytosis, monocytosis, hypoalbuminemia/hyperglobulinemia. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation
5. Z17137: ****VF POSITIVE**** thrombocytosis, lymphocytosis, monocytosis. PLAN: Recheck CBC/Chem/VF

titer at next routine evaluation (last VF test 4/19)

6. Z17094: leukocytosis, neutrophilia, monocytosis, ~anemia, hyperproteinemia/hypoalbuminemia/hyperglobulinemia, increased AST. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation
7. Z16287: hyperproteinemia/hypoalbuminemia/hyperglobulinemia, hypocalcemia. PLAN: VF titer ASAP
8. Z17049: hyperproteinemia/hypoalbuminemia/hyperglobulinemia. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation

I did not schedule these procedures/rechecks as you are a better judge of the upcoming Western calendar. I copied Charlotte and Keith on this email as one or both are inheriting these cases.

Thanks,
Jason

JASON D. LARAMORE, DVM
Veterinarian
Washington National Primate Research Center (WaNPRC)

University of Washington, WaNPRC
Box 357331
3018 Western Avenue Seattle, WA 98121-1023
Office 206.221.3040 / Pager 206.540.2702
jasonl73@uw.edu



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From: Jason D. Laramore
Sent: Friday, August 23, 2019 3:16 PM
To: dekar
Cc: Charlotte E. Hotchkiss; Keith Vogel
Subject: W310 DI Lab Abnormalities

Hi Dawn,

Multiple lab-work abnormalities were detected in yesterday's Arizona new arrival processing (W310):

1. Z16339: thrombocytosis, neutrophilia, hyperglobulinemia. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation
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4. Z17160: thrombocytosis, monocytosis, hypoalbuminemia/hyperglobulinemia. PLAN: Recheck CBC/Chem in 2 weeks, Valley Fever (VF) titer if persistent signs of inflammation
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I did not schedule these procedures/rechecks as you are a better judge of the upcoming Western calendar. I copied Charlotte and Keith on this email as one or both are inheriting these cases.

Thanks,
Jason

JASON D. LARAMORE, DVM
Veterinarian
Washington National Primate Research Center (WaNPRC)

University of Washington, WaNPRC
Box 357331
3018 Western Avenue Seattle, WA 98121-1023
Office 206.221.3040 / Pager 206.540.2702
jasonl73@uw.edu



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Jim Murphy

From: cjmead2 <cjmead2@uw.edu>
Sent: Tuesday, January 22, 2019 6:08 PM
To: Jim Murphy; Sally Thompson-Iritani; Kelly L. Carbone; Tess House
Cc: Rita U Bellanca; smintner; Schante M. Hodges; Charlotte E. Hotchkiss; cmali; Ben L Petersen; Kelly Morrisroe
Subject: Re: 112 Plans: CONFIDENTIAL DRAFT
Sensitivity: Confidential

AA222: Breeder Group

Started on Feed 2/2016 ended in 4/2017- dams moved and some in this group are on tablets

AA221: Breeder Group

Started on Feed 2/2016 ended in 4/2017- dams moved and some in this group are on tablets

AA231: Breeder Group

Started on Feed 3/2016 ended in 4/2017- dams moved and some in this group are on tablets

Male in this group has been testing negative each TB exam cocci titer testing rounds, on feed he became lethargic and lost weight, so reason to take group off feed and give tablets

AA242: Breeder Group

Started on Feed 3/2016 –ended 12/2018, now some on fluconazole suspension

AA181: Dam and infants moved from the breeder feed groups to sustain in another feed group, due to overcrowding (mix w/AA171 and negative results)

Started on Feed 3/2016 –ended 4/2018

AA152 and some from this group in cages in 142 on tablets: juveniles/ready to breed (started coming up positive as juveniles, then started another feed group AA171) Some are on tablets

Started on Feed 3/2016 –ended 11/2018

AA152 and some from this group in cages in 142 on tablets: juveniles/ready to breed (started coming up positive as juveniles, then started another feed group AA171) Some are on tablets

Started on Feed 3/2016 –ended 11/2018

Downstairs had been mostly juveniles left inside, per Dr Chichester to keep clean from valley fever
And A131 Breeder group left inside since negative valley fever

Hx pushing dams inside started with Dr Carrier, due to traumas at the beginning, we were pulling all pregnant dams into 142, then we became overloaded with dam/infants in cages.

Then Dr Carrier went back to letting them giving birth in enclosures and push inside when it gets closers, so we just have been following same standards

Keeping groups downstairs inside/outside only to clean started with Dr Chichester 2016 to lower number of valley fever cases. Upstairs allowed inside/outside access

Then all groups pushed in for specific weather conditions (heat/cold/wind/rain)

Thanks,
Caroline

From: Jim Murphy <murphyjm@uw.edu>
Sent: Tuesday, January 22, 2019 4:50:06 PM
To: Sally Thompson-Iritani; Kelly L. Carbone; Tess House
Cc: Rita U Bellanca; smintner; Schante M. Hodges; Charlotte E. Hotchkiss; cmali; cjmead2; Ben L Petersen; Kelly Morrisroe
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT

Typo! That should be **1/7/2016**.
Jim

From: Jim Murphy
Sent: Tuesday, January 22, 2019 4:22 PM
To: 'Sally Thompson-Iritani' <sti2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>
Cc: Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT
Sensitivity: Confidential

Just responding to the question: Can someone see when we started ordering the fluconazole feed?
We received our first delivery of the fluconazole feed on 1/7/2019. We started with one group (152) and about a month later there were 4 groups on the feed. I'm not sure though, if this corresponds with when we started leaving the lower level in, except during cleaning. I think we started leaving them in when we had the HEPA filters installed on the building which was May or June of 2016.

As far as I can remember, we always brought groups with expecting mothers (within about two weeks of delivery) in at night if the weather was going to be cold or questionable. At some point early on, we also started bringing them in close to their due date regardless of weather. I'm sure there were exceptions when we were concerned about group stability and being locked into relatively close quarters.

Jim

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Thursday, January 17, 2019 9:02 PM
To: Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>
Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT
Sensitivity: Confidential

Hi Everyone - (this message is marked confidential due to the nature of the discussion -if others need to be included then please let me know).

I did a quick review of the data and I do think that Charlotte was correct in saying that we have not done a good job of communicating information back to ABC on necropsy findings. {Stillbirths are verified on histology if the lungs are not inflated then the fetus did not take a breath.}

Information on stillbirths:

7 stillbirths 2013

2 stillbirths 2014

7 stillbirths 2015

16 stillbirths 2016

4 stillbirths 2017

4 stillbirths 2018

Based on the mortality due to trauma listed below there were 3 in 2013, 2016, 2017 each and one in 2018 {and our recent one in 2019}.

| | | | | | | |
|--------|------------|----------------|------------|-----------------------------|----------|---|
| Z13080 | 5/30/13 | ABC Building A | AA242A-B-C | Spontaneous death, clinical | Breeding | Trauma by male in enclosure |
| Z13092 | 6/26/13 | ABC Building A | AA122C | Spontaneous death, clinical | Breeding | Trauma, also had presumptive Shigella |
| Z13094 | 7/4/13 | ABC Building A | AA122A-B-C | Spontaneous death, clinical | Breeding | found dead, mother was ill and later died o necrpsy done. |
| Z15327 | 5/2/16 | ABC Building A | AA131A-B-C | Spontaneous death, clinical | Breeding | Trauma |
| Z16265 | 8/22/16 | ABC Building A | | Spontaneous, clinical | Breeding | Neonatal death - open |
| Z16271 | 9/5/16 | ABC Building A | | Spontaneous, clinical | Breeding | Trauma |
| Z17141 | 6/15/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z17163 | 7/27/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z17185 | 8/7/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z18198 | 10/30/2018 | ABC Building A | AA241A-B-C | Spontaneous death, clinical | Breeding | Trauma |

I do not remember exactly when we started keeping the animals inside for the majority of the time - my memory says it was 2016. Can someone see when we started ordering the fluconazole feed? Interestingly there were no traumas reported in 2014 and 2015.

So - I don't know if this helps us with determining whether 24-hr outdoor access would be better than 8-hr outdoor access. I don't know if we have a correlation between outdoor access and trauma though. Some of these were in the animals on the upper level that always have outdoor access if I understand things correctly.

Thank you everyone - I appreciated our discussion today and I know that we are all trying to think about what would be best for the animals well-being. I am very grateful to have all of you thinking about this and brainstorming the best path forward.

Sally

From: Kelly L. Carbone <kellyc29@uw.edu>

Sent: Thursday, January 17, 2019 12:47 PM

To: Tess House <th81@uw.edu>

Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>

Subject: RE: 112 Plans

Dr House,

Not sure what you are asking for examples of? If you are talking about babies dropped from up high I don't have specific examples. From the beginning we had found deceased babies outside and that is when we started pushing in the groups that have babies about ready to be born. It seems like once we started pushing the groups in we have had less incidences of deaths. I have no numbers to prove this it just what I have observed during my tenure here. I'm not sure how this information is recorded in their records but I don't have specific numbers of deceased babies or who their dam was.

Kelly

From: Tess House [<mailto:th81@uw.edu>]

Sent: Thursday, January 17, 2019 1:36 PM

To: Kelly L. Carbone <kellyc29@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>

Subject: RE: 112 Plans

Hi Kelly,

Thank you for your message, we understand and appreciate your concerns. Can you provide us with any specific examples of this? Just want more history on this.

Thank you,
Dr. House

From: Kelly L. Carbone <kellyc29@uw.edu>

Sent: Thursday, January 17, 2019 1:30 PM

To: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: Jim Murphy <murphyjm@uw.edu>; Tess House <th81@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

Subject: RE: 112 Plans

Dear All,

I just want to voice my concerns about leaving the 112 group outside at night. This group is comprised of all first time mom's and I worry that if they have their babies outside there is a higher risk of them dropping their babies from a high distance. It is standard practice for us to push even the experienced mom's in at night when it gets close to their due date to help prevent babies from being dropped from high places. I can't speak for the other AT's but I believe several of them also have the same concern.

Thank you for your time,

Kelly Carbone
AZ Animal Technician Supervisor

From: cmali [<mailto:cmali@uw.edu>]

Sent: Thursday, January 17, 2019 11:35 AM

To: cjmead2 <cjmead2@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Tess House <th81@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchkki@uw.edu>

Subject: Re: 112 Plans

Hi Caroline,

Thanks for bringing this to our attention! Dr H and I have discussed this with Rita, as well as Drs Hotchkiss and Iritani to see how we should handle this specific case.

Consensus was that we should allow animals in 112 to have indoor/outdoor access at night (weather permitting).

From a clinical standpoint, given the recent occurrences in this enclosure, we feel the benefits of additional space outweighs the risks of falls/drops in this case.

Thanks,
Dr M

Sent from my iPhone

On Jan 17, 2019, at 8:22 AM, cjmead2 <cjmead2@uw.edu> wrote:

The other discussion, we still push them in at end of day overnight, due to new births soon-since high outside enclosure and naive dams? But still immediately give outside access first thing. We do this for the upstairs breeding groups.

From: cmali <cmali@uw.edu>

Sent: Thursday, January 17, 2019 8:15:10 AM

To: cjmead2; Kelly L. Carbone; Jim Murphy

Cc: Tess House; Rita U Bellanca; Sally Thompson-Iritani; smintner; Schante M. Hodges; Charlotte E. Hotchkiss

Subject: 112 Plans

Hello Team,

Here are the plans going forward for 112:

- when the babies slated for NYU are born, they will be pulled ASAP with the dams, infants to be separated from dams at 3 days of age.

- please make sure that animals have indoor/outdoor access. They should not be locked inside unless cleaning is happening outside or weather is noncooperative

- all other infants born into the enclosure are to remain there for the time being and we will see how it goes

Please let me know if you have any questions or concerns.

Best,
Dr M

Sent from my iPhone

Z14331**Tess House** <th81@uw.edu>

Tue 12/31/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi All-

Danielle noted that Z14331 has some occasional stertor this afternoon. She is otherwise fine-BAR, taking pm treatments well, no respiratory distress or increased effort, no coughing. She is a valley fever case and on albuterol with her fluconazole.

If she continues to sound this way tomorrow, we will fast her Thursday evening for a sedate/hands on exam and radiographs on Friday.

Thanks!

Dr. H

Observation 3/20

Danielle Parks <dp546@uw.edu>

Wed 3/20/2019 8:14 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Good Morning!

Jennifer wrote on upstairs observation sheet that R10113 in 221 was coughing.

This animal is on treatment for valley fever and will be examined for semi-annual health checks on 4/1/2019. An x-ray is scheduled for her also.

Thanks,

Danielle Parks
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, AZ 85215

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 2/13/2019 4:01 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Meeting:

Welcome new AT Israel Harvier

Jim/Kelly- due to the kitchen power outage, security will be monitoring cameras in the Admin Office, keeping the monitors up (leave door unlocked for security)

Nursery people can use the cot in Admin Office Jim fixed the lock

Jim: out of town this Thursday 2/14 through Monday 2/18. If you need anything ordered or picked up at the store, write down in kitchen today

Kelly will out Friday Feb 15th-March 3th-contact via text if any questions

Dr M:

NYU infants shipped out arrived this morning-Vets are doing exams on them-doing well

121-134 pulled for wt loss, BW has been trending down and diarrhea

122: 341 pulled for wt loss and diarrhea

all animals start on GI support

104: 139 exam/rads yesterday, still some favoring of leg left, thickening of left stifle on medial aspect.- discussed with Seattle consult, today arthrocentesis-submit samples to Idexx, make sure no underlying factor or infection with inflammation on Tx, moved 103 for cage rest

104: 158-lameness left leg improvement

142: K11143 infant is doing good, now 0.47kg, will go back at semi-annuals

142: couple returned back to 222, HK97 altercations upon returning to group, so pulled for abrasion on left fingers and left hind toes and face, will return at semi-annuals

112: new birth doing good, will examine tomorrow newest birth

104: 141 discussion with Seattle, BMS and Management at ABC, discussion to endpoint-will notify at a later date, since not a rush. Want to be able to utilize this animal for (training, tissue distribution, discussed shipping for study or sanctuary type setting)

Transport difficult due to possibility of stress in transport and unable to treat, sanctuary so many factors with research animal involved.

Her seizure are they related to valley fever, her pregnancy, difficult to say and her future if progress and well-being in cage single housed long term, due to an enclosure chances of injury. Stopping medication or reducing, we won't know what could happen, if we aren't around to monitor, potentially death.

L01151- New VF Case, GIVE 100mg Fluconazole TODAY

cmali <cmali@uw.edu>

Fri 11/1/2019 2:50 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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<http://sites.uw.edu/d2c>

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From: cjmead2 <cjmead2@uw.edu>

Sent: Friday, November 1, 2019 2:40 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>

Subject: Cocci Results

L01151 IgG 1:2 and IgM neg

Z14331 IgG 1:16 IgM 1:2

142 Case Updates

cmali <cmali@uw.edu>

Fri 11/1/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Carl L. Trivette II <clt222@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Erika E. Evans <erikae4@uw.edu>

Cc: Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Weekend Watch:

- L01151/DJ72 (142): Audible wheeze present on inhalation. Please observe for respiratory abnormalities/difficulties/wheezing.

New TX/Cases:

- L01151/DJ71 (142): NEW VF CASE. ADD Albuterol 10ml PO BID and Fluconazole (100mg PO SID) starting FRIDAY. If there is any difficulty giving albuterol, please let the on-call vet know and we will switch to the more concentrated form
- T10118 (142): ADD Azith starting Saturday. New diarrhea repeat case opened (social partner has fluid feces)

ADD to Schedule:

- M09202 (142): 11/7 sedated PE/BCS check

Cleared to return to group:

- Z14340
- L03310
- L10095, after 11/6 (when TX complete, let vets know when returning so we can schedule weight monitoring)

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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<http://sites.uw.edu/d2c>

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RE: Case BWs

Tess House <th81@uw.edu>

Fri 11/1/2019 2:32 PM

To: Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Thanks Danielle. Weights in 104 are good!

112 girls: weight loss case closed on M11094, will get 3 week recheck weights on the other two girls

221 girls: R10113 weight loss case closed (VF case still on her) and the weight is also up on CV61-no follow up weights on these two.

From: Danielle Parks <dp546@uw.edu>

Sent: Friday, November 1, 2019 2:07 PM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Subject: Case BWs

Hello,

The case body weights are done and entered for AA104/AA142

Body weights have also been taken and entered for:

- Z13082 (AA112)
- Z14257 (AA112)
- M11094 (AA112)
- R10113(AA221)
- T00237 (AA221)

Thanks,

Danielle Parks
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, AZ 85215

VF updates from 231 Semi-annual exams

Tess House <th81@uw.edu>

Mon 10/7/2019 11:27 AM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotckki@uw.edu>

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

242 exams

Tess House <th81@uw.edu>

Mon 6/17/2019 3:53 PM

To: Schante M. Hodges <shodges3@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Updates from today:

I've added treatments to start tomorrow on ET71 who was pulled to 142 today. I've also increased the NS for R11037 in 242 from SID to BID starting tomorrow. Since IG77 in 242 is on fluconazole, I added prenats to her treatment plan starting tomorrow.

Body weights were entered on the juveniles that were weighed but not examined today.

I'm adding a follow up weight check for T10118 in 242 and ID14 in 231 in a couple weeks.

Social exemptions put in for ET71, FLO4 (pulled for weight loss from 131 to 142 today), and Z17256 (rectal prolapse from 111 pulled to 104 today).

For T10174 in 242-can we add prenats? She isn't a VF case, would she come up for vitamins?

That's all I can think of for now.

Thanks,

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Friday 142 Case Updates

cmali <cmali@uw.edu>

Fri 5/24/2019 12:11 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Tess House <th81@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Jim Murphy <murphyjim@uw.edu>

Released:

- K11143/infant: cleared to return to group (242)
- A03139/ET02/infant: cleared to return to group (221)
- M06139/GM35: cleared to return to group (242)

Monitor:

- M11094: breasts engorged due to infant weaning. CTM for any signs of inflammation or mastitis
- M06139/GM35: WL case to remain open. Weight scheduled for 6/7

Cases Closed:

- K11143 (post surgical monitoring), VF case remains open
- A10181/PdR2 (trauma): need to ID location to move to until shipment to Seattle (232?)
- K01225/DL30 (ob/gyn), post surgical monitoring case remains open due to scabs at the cranial aspect of the incision
- A03139/ET02 (diarrhea)

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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Cases closed

Tess House <th81@uw.edu>

Fri 5/10/2019 2:33 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>

Here are some cases closed today:

- Z16284 closed weight loss case, diarrhea case still open (fecal pending)
- Z16283 closed weight loss case, VF case still open
- Z17157 closed weight loss case
- K10112 closed diarrhea case, VF case still open
- Z16281 closed diarrhea and weight loss cases
- Z16043 closed weight loss case, diarrhea repeat still open
- Z14145 closed diarrhea case

Thank you,
Dr H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Cases closed

Tess House <th81@uw.edu>

Fri 5/3/2019 10:48 AM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Good morning-

The following cases have been closed: Z17157 (104), GM35 (142; diarrhea case closed but weight loss case still open), ID14 (142; diarrhea case closed but VF and weight loss cases open).

Thanks,

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Z16342**Schante M. Hodges** <shodges3@uw.edu>

Tue 11/12/2019 2:47 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Hello everyone,

This animal is a new valley fever case in 122. Danielle and I were discussing, and we've both had a difficult time treating her in the group. With approval from Dr. M, we are going to pull her to 104 to get her used to coming up for treatment. Once we do, I will move her in ARMS but she will need a social exemption added.

Thanks,

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

Re: TB Exams 122 171

cjmead2 <cjmead2@uw.edu>

Sun 4/14/2019 11:04 AM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Add to Tuesday TB Exam Z13319 30g wt loss
CBC/chem/virology/cocci titer/RNA/VF banking

From: cjmead2

Sent: Thursday, April 11, 2019 9:12 PM

To: Schante M. Hodges; Danielle Parks; smintner

Subject: TB Exams 122 171

New bloodwork sheet, please print out for next week check off (I made changes)

6am start to have Tx complete

Try to start at 730am

Danielle continue train sedations and TB reads

Monday 122:

26 TBs

ultrasound

dental instruments

dye prep

Tuesday 171:

10 TBs

dye prep

VF Case Updates

cmali <cmali@uw.edu>

Mon 4/8/2019 12:03 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Tess House <th81@uw.edu>

The following VF cases have been closed:

- T10118 (242)
- M03312 (142)

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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Closed VF Cases

cmali <cmali@uw.edu>

Thu 3/28/2019 12:43 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Tess House <th81@uw.edu>

the following VF cases have been closed:

- A03139 (231)
- A10193 (231)
- S11069 (231)
- F11079 (232)

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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(No subject)

cjmead2 <cjmead2@uw.edu>

Thu 2/28/2019 8:19 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

222:

A12262- new birth grasping and nursing (due 4/19) we should look at dam and infant tomorrow when we do the other dam/infant as well

A12262 new VF case, Hx wt loss, GI

241: GP45 Jennifer heard dry coughing this morning

142: Z14331- dam fluid feces (send PCR), infant dehydrated-will get both out for follow-up exam

Caroline

Refresher on blood collection

cjmead2 <cjmead2@uw.edu>

Tue 2/5/2019 2:19 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

1. Adults for virology always collect two dark lavender
2. Juveniles for virology 2kg + you can get two dark lavender, under 2 kg or smaller one full virology dark lavender should be enough.
3. Adults/Juveniles for chem or Protatek one red top tube, if full enough we can use for both test juveniles
4. DNA- usually juveniles -they prefer two light lavender at least 0.5- 1.0mL in vials. If very small juvenile, fill one vial as full as you can, and one vial should be enough.
5. RNA-adults/juvenile is has to be equal ratio of DL buffer to blood 1.0-2.0mL in one dark lavender vial-after processing will store in -80 in blood racks
6. Adults for VF Banking one red top tube, serum will be transported into (2) cryo vials labeled for -80 in the small cryo vial box
7. Adults/Juveniles CBC one light lavender 0.5mL-all is needed, if worse comes to worse, we can run off a DNA vial or virology, so don't panic

Hand write on vials:

CBC/chem/cryo vials or protatek

Printed Labels:

Virology

DNA

RNA

or protatek

Re: Males End of Month Semi-Annuals

cjmead2 <cjmead2@uw.edu>

Mon 2/4/2019 2:42 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Add to 242 male VF banking

From: cjmead2

Sent: Monday, February 4, 2019 2:27:07 PM

To: Schante M. Hodges; smintner; Danielle Parks

Subject: Males End of Month Semi-Annuals

Here is to start

Semi Annual Schedule

cjmead2 <cjmead2@uw.edu>

Mon 2/4/2019 12:51 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

| Date Collection | Room | Animal count | Virology | DNA | RNA | Protatek | VF Bank | cbc/chem | Rads | chest tattoos | Moves |
|-----------------|-------------|-----------------|-----------------|-----|-------|-----------------|---------|----------|------|---------------|-------|
| 2/25/2019 | 212/222/231 | 3 | 3 | | 2 | 3 | | 3 | 3 | | |
| 2/26/2019 | 241/242/131 | 3 | 3 | | 2 | 3 | 1 | 3 | 3 | | |
| 3/4/2019 | 181 | 16 | 10 | 3 | 6 | 10 | 1 | | | 2 | |
| 3/5/2019 | 232 | 21 | 17 | 6 | 12 | 17 | 3 | | 1 | 4 | |
| 3/11/2019 | 212 | 16 | 13 | 2 | 6 | 13 | 1 | | | 1 | |
| 3/12/2019 | 222 | 12 | 12 | | 4 | 12 | 2 | | | | |
| 3/18/2019 | 231 | 16 | 12 | 1 | 9 | 12 | 3 | 1 | | | |
| 3/19/2019 | 241 | 14 | 9 | 1 | 5 | 9 | | | 1 | | |
| 3/25/2019 | 242 | 16 | 15 | 4 | 9 | 15 | 12 | | | 3 | |
| 3/26/2019 | 131 | 11 | 7 | 1 | 4 | 7 | | | | | |
| 4/1/2019 | 221 | 20 | 17 | 5 | 12 | 17 | 1 | 1 | | 2 or 3 | |
| 4/2/2019 | 112 | 11 | 11 | | 1 | 11 | | | | | |
| 4/8/2019 | 111 | 22 | 22 | | 22 | 22 | | | | | 5 |
| 4/9/2019 | 121 | 23 | 23 | | 23 | 23 | | | | | 3 |
| 4/15/2019 | 122 | 24 | 24 | | 24 | 24 | | | | | 7 |
| 4/16/2019 | 171 | 12 | 11 | | 3 | 11 | 9 | | | | 1 |
| 4/22/2019 | 162/152 | 162 (9) 152 (4) | 162 (9) 152 (4) | | 3 & 1 | 162 (9) 152 (4) | | | | | |
| 4/23/2019 | 104 | 19 | 19 | 4 | 14 | 19 | | | 2 | 4 | |
| 4/29/2019 | 142 | 10 | 10 | | 4 | 10 | 2 | | | | |

Week of February 4th 2019

cjmead2 <cjmead2@uw.edu>

Fri 2/1/2019 11:36 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Sunday- Schante you will need to separate male into C or B/C at AM treatment, so less stress

Monday February 4th

241 (CAN NOT have any food in enclosure for sedation)

241: male K-9 removal (male to recover in group six in bay) make sure cage plate Vet staff to feed only

111: Z17184 BW

Tuesday February 5th

112: Z13090: follow-up fecal culture (vet staff to put male in C in AM to see if can collect feces before noon)

142: Z13319- follow-up fecal culture

142: Z13337- F/U US, cocci titer and chest rads (new VF)

222: Z11338 & J10160 new infant Exam

231: S10185 new infant exam

171: Z14340 BW intro into 171A

RE:

cjmead2 <cjmead2@uw.edu>

Thu 12/12/2019 4:18 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Just let me know cocci titers are sent out and send me paperwork

Email update if any new changes

From: cjmead2

Sent: Thursday, December 12, 2019 4:17 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject:

Friday December 13th

104: case BWs

142: case BWs

142: EI33 fecal swab?

104: (fast) Z18043 rads w/o cast

B Bldg.: 302 case BWs

Vet Tech 1PM training

EI33 in 162 (L03132)**Tess House** <th81@uw.edu>

Thu 12/12/2019 12:22 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi Team,

We pulled this girl today (was down for cocci recheck) to 142 because she was down 18% from her last body weight. She was slightly dehydrated and given fluids, vitamin B complex, Cerenia, and Onsior (old wounds on back and left hip) and we pulled samples for cbc/chem/cocci. Her heart and lungs sounded normal. We will start her on NS, probiotics, and meloxicam (ultrasound was negative) tomorrow and please let us know about her fecal output tomorrow morning. If it is abnormal, we can send a swab to Idexx.

Thanks!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

Saturday 11/2

Schante M. Hodges <shodges3@uw.edu>

Sat 11/2/2019 3:36 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

AA Building:

Z19069 (Betsy) - Mild bloat, fecal output normal, and taking meds well.

DJ72 - Audible breathing observed, but not showing signs of labored breathing, wheezing heard after buprenorphine injection, taking meds well.

Z17150 - AT's wrote down on obs for coughing (new valley fever case in 121)

AB Building:

During AM obs I observed a swollen mass on upper right cheek. Notified on-call vet. Rads taken - they are on the z-drive and entered into workflow. On-call vet drained abscess and swab sent to Idexx. She is now in AB302, TX added, will continue to monitor for discharge and swelling.

That's all for today.

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

FW: this morning

cjmead2 <cjmead2@uw.edu>

Sun 12/8/2019 11:38 AM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Do we still need to send out cocci on Monday, did paperwork get filled out?

From: smintner <smintner@uw.edu>**Sent:** Friday, December 6, 2019 1:40 PM**To:** cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; aw656 <aw656@uw.edu>**Subject:** this morning

Hello

All weights for 104 and 121, case weights for 142, and Z14066 (171) have been done and entered.

Blood was drawn for cocci titers on Z17142, Z17150, and Z16161.

Also Z18178 from 104 was introduced into 121 without incident. Social exemption can be removed.

Thanks,
Sherri

Week of December 9th

cjmead2 <cjmead2@uw.edu>

Thu 12/5/2019 9:59 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Monday December 9th

152: Z17175 BW

Kelly 104: group house if we have connecting cages at top (or move Z18043, and Z17175 is returning to group)
Z19020 and Z19059 pair w/Z19069 and Z19052- (they are same size as Z18199 in 152) so they get ready for
152 since couple more will move out

142: T10118/T10174 follow-up fecal check if cleared to return to 232

212(6)/131(7) Quarterly Ultrasounds

131:

GR30/ L09006 recheck chem

Male/L09006/DJ72 cocci titers

Male/DJ72 chest rads

ATs separate 131 male into "C", dams lock inside A

Male will be sedated with dams as well

Start time 8AM (fast) groups 212/131

Start upstairs 1st and downstairs 2nd

241: separate male into "C"

Tuesday December 10th

231(10)/241(9) Quarterly Ultrasounds

ATs separate both males outside, dams lock inside (241male hopefully separated and can put in group
six temporarily)

Start time 8AM (fast) groups 231/241

231:

Recheck chem-S11069 and A10193

241: 2 old enough to wean to 121

Wednesday December 11th

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Vet Staff: BWs 122

122: Z17086 right hand rads and Z16203 cocci titer and chest rads

122: Z16053 and Z16342 cocci titer

Thursday December 12th

162: EI33 cocci titer-sedate and GR76 BW

B Bldg: males will intro back to groups as well this day

302: (fast) GL14 follow-up chem and recheck extraction sites (318AB)

302: (fast) DM05 recheck extraction sites (321AB)

302: (fast) EM08 recheck extraction sites (317AB)

Friday December 13th

104: case BWs

142: case BWs

104: (fast) Z18043 rads w/o cast

B Bldg.: 302 case BWs

(No subject)

cjmead2 <cjmead2@uw.edu>

Thu 12/5/2019 9:41 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>; cmali <cmali@uw.edu>; Jessica Toscano <jesst393@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>

Friday December 6th

104: case BWs (all BWs, non-case as well)

142: case BWs

171: BWs Z14066 & Z14320 (already moved to 142 for trauma)

Vet Staff: BWs 121

121: cocci titers: Z17142, Z17150, Z16161

104: Z18178 intro into 121

B Bldg.: 302 case BWs

Week of December 2nd

cjmead2 <cjmead2@uw.edu>

Sat 11/30/2019 12:52 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday December 2nd

142: T10118/T10174 follow-up fecal swab-mixed feces

B Bldg:

302: Z14244-check w/Vets first before return to group 317CD

320C: A09109 (fast) sedate for eye exam, then can return to group if cleared by Vet (319AB)

302: Z13247 intro back to 319AB

302: Z12353- (fast) suture removal, check if cleared to return Wednesday (319AB)

302: F02420 intro into 319CD

Items needed B Bldg:

Group six (chains), jerry ramp, 2 squeeze cages, 5 white catch boxes

Tuesday December 3rd

142: FL04- pending fecal and BW, clearance return to 131

142: Z14331/infant pending fecal/BW and clearance to return to 112, check with Vets first

222(10)/232(9) Quarterly Ultrasounds

ATs separate both males outside, dams lock inside

Start time 8AM (fast) groups 222/232

Items needed:

Jerry ramp, 2 squeeze cages, 5 recovery cages

Wednesday December 4th

ATs: BWs 121 (subject to change w/ATs schedule)

121: cocci titers: Z17142, Z17150, Z16161

104: Z18178 cleared to intro into 121

Thursday December 5th

142: M09202 (fast) exam/BW

111: f/u BW Z17250

152: Vet Tech BWs

104: Z17175 f/u chem intro back 152, pending fecal and BW clearance, check w/Vets first

Friday December 6th

104: case BWs (all BWs, non-case as well)

142: case BWs

171: BWs Z14066 & Z14320

B Bldg.: 302 case BWs

Z19039

Tess House <th81@uw.edu>

Tue 11/26/2019 10:13 AM

To: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi Team,

We're pulling Z19039 for weight loss from 112 to 104 and will sedate for an exam tomorrow and cocci titer. I've started her on NS BID. Please empty her pan in case we want to grab a swab tomorrow morning.

I've also added Meloxicam for the dam (Z13067) 0.59 mL PO SID starting today.

Thank you!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

Wed Thurs

cjmead2 <cjmead2@uw.edu>

Thu 11/14/2019 3:49 PM

To: Danielle Parks <dp546@uw.edu>

142: Z14331 follow-up fecal swab

104: Z16281 intro back 122

104: Z16283 intro back to 122

104: Z16068 intro back 122

104: Z17175 (fast) F/U chem

152: Z17253 (fast) F/U chem

104: Z16069- enema fecal monitor and health monitor, new Tx

B Bldg:

317AB EM80 for TB exam (fast) cbc/chem

312CD K04362 in 302 single cage (fast) Sx Rm mass removal and finger amputation (11 staples)

103: Z19006 follow-up cocci titer

B Bldg:

AB302-GL14 (male) fast upper K-9s extractions (only R side done)

Move 162 (males) up in "Cs" with moves and block off "B"

Dams moved to 162 from 221/181/142

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 11/13/2019 12:59 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Thursday November 14th

Ship tissue to Seattle

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302: Z14298 (fast) suture removal

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover) 9AM
contact Chris -fork lift and strap down

Move 162 (males) up in "Cs" with moves and block off "B"

All animas moved must get BWs

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171 just A, B blocked off

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

J01126

cmali <cmali@uw.edu>

Sat 11/9/2019 1:53 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Please submit for cocci tighter on Tuesday. Please let me know the biscuit count each day for her. Thank you

Sent from my iPhone

Week of November 11th

cjmead2 <cjmead2@uw.edu>

Fri 11/8/2019 2:33 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday November 11th

Holiday

Dr M on-call, Dr Fuller ½ day

104: Z16283 (fast) suture removal

103: Z19178 suture removal

104: Z18043- (fast) rads

Tuesday November 12th

Ship DNA samples

B Bldg: Caroline

Separate 317AB EM80 for TB exam Tuesday or Wednesday, if possible (group six)

Separate 312CD K04362 into single cage in 302

B Bldg:

Group 6's or baboon cages Kelly to check for new male breeder arrivals

302 Cage-set for K04362

Shipment 3 arrival (86)

Wednesday November 13th

142: Z14331 follow-up fecal swab

104: Z16281 pending fecal/clearance intro back 122

104: Z17175 (fast) F/U chem

152: Z17253 (fast) F/U chem

104: Z16283 intro back to 122

B Bldg:

312CD K04362 into single cage (fast) Sx Rm

Catch box, golf cart transport

ATs-121 BWs

Items needed downstairs: Jerry ramp/2 squeeze cages, 2 white catch boxes

Thursday November 14th

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover)

Move 162 (males) up in "Cs" with moves and block off "B"

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171A/B

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

Friday November 15th

104: case BWs

142: case BWs

212: Z14130 BW

B Bldg.: 302 case BWs

Leave group locked inside to move (need all catch boxes and cart)

Moves

| Loc | Dam new breeder Grp 171 |
|------|-------------------------|
| 162C | Z14320 |
| 162C | Z14066 |
| 112 | A10228 |
| 112 | A10038 |
| 112 | Z13082 |
| 112 | L06215 |
| 112 | M11094 |
| 112 | K06271 |
| 112 | K10112 |

AAALAC site visit summary and other items

Sally Thompson-Iritani <sti2@uw.edu>

Sat 6/1/2019 8:59 PM

To: u_wanprc_az <u_wanprc_az@uw.edu>

Cc: Michael J. Mustari <mmustar@uw.edu>; Jane W. Elliott <ellioj@uw.edu>; Gail R Ellingson <gellings@uw.edu>; Mark L Clarke <mclarke@uw.edu>; Vanessa Quiroz Hotz <vmqh@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Rita U Bellanca <rbell@uw.edu>

Hi Arizona Breeding Colony - a quick note on a few topics -

AAALAC site visit: I wanted to thank all of you for the extraordinary job you did preparing for and hosting the AAALAC site visit yesterday. The visitors were very complimentary and had the following commendations for the great work that you do.

Commendations:

- Dedication of staff - as exemplified by the animal body condition, well socialized animals, good coats
- Innovation with a unique facility - existing facility and new building
- Professional judgement and proactive approach to Valley Fever - mitigate clinically challenging issue
- Satellite but not isolated - good integration between Seattle and Arizona
- Dedication to social housing in clinical situations
- Positive reinforcement training

AAALAC will be visiting Seattle this next week and do the formal exit briefing on Friday for the University of Washington Animal Care and Use Program - you are all invited to zoom in and listen on Friday if you want and there will be formal communication after the final briefing.

I also wanted to send a few other quick updates regarding on-going items.

New Building: The building is progressing thanks to the work of the team in Arizona and Gail and Marty in Seattle. There have been delays and I want to assure everyone that we are dedicated and committed to doing this right so a few delays will benefit the long term goal of having a supreme structure in place to provide an optimal environment for the animals.

Staffing: I want to thank all of you for your continued dedication and commitment to the facility. I know that turnover and injuries can take a toll on the staff and morale and everyone at the center appreciates your hard work and the extra effort that you have put in. There are several positions being filled as quickly as possible with the right people to continue the strong care program in place. You will also see that we will be advertising for a Behavior Management person to hire for the Arizona facility. With the upcoming shipment of animals from NIRC it will be very important that we have a person dedicated to BMS and group dynamics of the colony to oversee introductions and breeding group management.

Performance Development Plans: It is that time of year again and hopefully you have seen in the Weekly updates that PDP forms are available and your supervisors should be scheduling time to sit down with you and do your performance reviews before the end of June. Jane Elliott and I will be on site at ABC June 25-26th if you have any

final questions or comments regarding the process. Please feel free to reach out to either one of us if you need help with your forms.

Thank you again for maintaining such a strong program and your continued care and support for the animals, your colleagues and the facility in Arizona. We are lucky to have all of you as part of our team!

Sally Thompson-Iritani, DVM/PhD, CPIA

~ Certified Compassion Fatigue and Human-Animal Bond Practitioner ~

Director, Animal Welfare & Research Support | Associate Director, WaNPRC

206.661.6294 / sti2@uw.edu

Websites: [WaNPRC](#) / [NPRC](#)

Twitter: [@NPRCnews](#)

Dare 2 Care... | explore [UW's Compassion Fatigue Program](#)

Thank you to the NIH Office of Research Infrastructure Programs grant P51 OD010425 for supporting WaNPRC.

****Please help us continue to support your research by citing our grant number in publications.****

"We all really have the same intent...good communication is going to be one of the things that will bring us together. Intent, though, is a human virtue, not a virtue of the computer" Carol Newton, 1975

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(No subject)

cjmead2 <cjmead2@uw.edu>

Tue 10/29/2019 11:18 PM

To: smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Wednesday October 30th

I have a lot to do in B Building

And

A Building emergency in late afternoon (131) DJ72 emergency c-section, I need to work in the surgery room

Make sure assisting Vets to get items ready

142: Z14331 (fast) F/U cocci titer & rads

142: Z19058 chest tattoo and ear tattoo

142: Z14340 infant Exam (fast)

104: Z16076 checking to see if can return to 122

142: HL83 (fast) exam

104: fecal swabs clearance to return to groups 116 (152), 158 (121), 196 (121) checking with Vets

142: ET02 intro to 231

These animals need to be separated into C for Thursday

222: HK97- new birth exam

241: GR11 New birth exam

241: GP45 follow-up CBC

104: Z16004 cleared to return to 122

ATs-122 BWs

Week of October 28th

cjmead2 <cjmead2@uw.edu>

Thu 10/24/2019 9:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject to change

Monday October 28th

10 TB Exams and 4 chest tattoos-

162: (2) male sedations lock inside by 630am (fast)

142: Z15079 (fast) TB Exam & rads

142: T10118 (fast) U/S

104: Z19020, Z19059, Z19052, Z19069, Z16358-rads, Z17053 and Z18116 (fast) TB Exam

Tuesday October 29th

(92) New Arrivals AB Building

11 TB Exams and 3 chest tattoos

ATs jump 152 out and put in 141 cages- they will recovery in 152 (fast)

Wednesday October 30th

142: Z14331 (fast) F/U cocci titer/ Exam and infant ear tattoo & chest tattoo

142: Z14340 infant Exam (fast)

142: Z16076 (fast) suture removal

142: T10118 & T140174 clearance to return to 232, check with Vets first

104: fecal swabs clearance to return to groups 116 (152), 158 (121), 196 (121)

104: Z16004 cleared to return to 122

ATs-122 BWs

Thursday October 31st

222: HK97- new birth exam

241: GR11 New birth exam

241: GP45 follow-up CBC

Friday November 1st

221: R10113 & CV61 BWs

112: M11094, Z14257, Z13082 Follow-up BWs

104: Z15386 (fast) suture removal, if still present

104: case BWs

142: case BWs

Wed/Thurs

cjmead2 <cjmead2@uw.edu>

Thu 10/24/2019 9:12 PM

To: Danielle Parks <dp546@uw.edu>

104: Z18043 (cast) Wednesday hand swollen, Thursday hand swollen and red, both days sedated for exam

104: Z15386 LH D2 D3 finger amputation (9) sutures Wednesday, Thursday hand moderate swelling

142: Z14331, Z15079, M09202 day 2 mounding feces

142: L10095 yesterday mounding feces, today day 1 fluid feces, collected a biofire

142: T10118 and T10174 day 1 fluid feces

New Tx 142

241: GR11- new birth

104: Z16076 2 sutures remain

103: Z19006 rads and bloodwork, cocci titer

104: Z16004 Wednesday cbc/chem

104: Z17134 intro back 121 and Z17175 intro back 152

New Tx in new building

New building: And late this evening pulled dam/infant in portable cage room, due to altercation in breeder group AB317A-B, infant Z19079 facial trauma, rads and sutures

Tx sheet we keep in A building for now till we get a scanner and computer working in B building

VF updates from 231 Semi-annual exams

Tess House <th81@uw.edu>

Mon 10/7/2019 11:27 AM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

9/26/19

smintner <smintner@uw.edu>

Thu 9/26/2019 3:18 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Good afternoon

The ATs wrote down and told Dr. M about Z19006 (Z14320's infant from 162C) coughing, saying it was pretty bad today. He was sedated for an exam and xrays, and given fluids. Dr. M wanted a cocci titer, CBC/Chem, but when I tried to draw the blood, the vein blew. She couldn't get the blood either. She didn't say much about the xrays, she didn't seem to find anything significant. The animal has been weaned to 104 to observe and start tx. I did hear him coughing several times when I was in the room.

142-ET02--no fecal output, so I did not send a biofire.

Nothing else new to report.

Thanks,
Sherri

DNA Samples- Semi Annuals

cjmead2 <cjmead2@uw.edu>

Thu 9/12/2019 2:22 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>

New type of DNA testing using SNPs. This is to replace the testing we did at UC Davis. So, moving forward with all the rest of our semi-annuals, we will be collecting these additional samples. I will need the light lavender tubes 1-2mL (2 tubes adults, 1 tube juveniles), and then once Kelly receives them she will have her check list and then they will be moved to freezer.

I added these to the bloodwork sheets for labeling. Let's make sure we have extra labels printed for Kelly for redraws and missing labels.

Juveniles under 2.5kg lean- (Example: 1 light lavender-DNA, 1 dark lavender virology and CBC- no black top and 1 serum separator chem/cocci titer)

Once we finish all the dark lavender w/black. We strictly will only be using the light landers for CBC and/or DNA

Chris DO NOT move samples in freezer for maintenance, check with me first, since I have them laying in a specific order.

Thanks,
Let me know if any questions.

Caroline

RE: Re:

cjmead2 <cjmead2@uw.edu>

Tue 8/27/2019 3:44 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Make sure just to use the 4mL red top tubes for adult and 2mL for infants and juveniles, if you fill 1 full red top for juveniles it should be enough for chem and cocci titer if not use two and fill half each.

Virology make sure to use the 4mL dark lavender and for infants and small juveniles fill-1 tube full, we usual have a second tube labeled if needed.

A lot going on

Thanks,
Caroline

From: cjmead2 <cjmead2@uw.edu>

Sent: Saturday, August 24, 2019 1:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re: Re:

I made a folder in the zdrive drive under bloodwork labels, that I will be working on when I have time
2019 Fall Bloodwork, so you know what animals being sedated

Then I am assuming you guys are doing eye test and glucose test and recording, will see how much time this takes. I will scan all copies and keep records.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, August 15, 2019 7:19 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re:

Use the 4mL red top tubes first with adults for semi-annuals, so we can use them up

From: cjmead2

Sent: Wednesday, August 14, 2019 3:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject:

Here is a tentative schedule of number of animals each day, since varies with animal movement. Vials will be made for any juvenile in group 6 mo and older.

Everyone:

(2) virology tubes

(1) Chem

(1) CBC use up lavender with black in center, then we will be using light lavender after

(1) Protatek

I will work on bloodwork sheets when I have time, then they can be compared with vials for day of exams prior.

You will be busy with tattoos and not sure on cbc/chem at this time

Arizona Breeding Colony Fall 2019

| Date Collection | Room | Animal # | Virology | Protatek | cbc/chem | Rads | chest tattoos | Weans | Dam Breed | Moves |
|-----------------|-------------|----------|----------|----------|----------|------|---------------|-----------------|-------------------------------|---------|
| 8/26/2019 | 222/231/241 | 3 | 3 | 3 | 3 | 2 | | | | |
| 8/27/2019 | 232 | 4 | 4 | 4 | 4 | | 1 | 1 later (M) 152 | genetic to add to breeder grp | cage |
| 9/3/2019 | 181 | 16 | 16 | 16 | 16 | | 5 | (4)M-111 | (3 or 4) 242 | |
| 9/9/2019 | 242 | 20 | 19 | 19 | 19 | | 3 | (3)M-111 | early preg spec dam to 181 | Grp 232 |

| | | | | | | | | | | |
|--|---------|----|----|----|----|---|---|-----------------------------|-------------------------------|---------|
| 9/10/2019 | 212 | 16 | 16 | 16 | 16 | | 2 | (1)M-111, 1(F)-121 | 112- dam move | Grp 242 |
| 9/16/2019 | 221 | 20 | 20 | 20 | 20 | | 2 | 4 (F) 121 | | |
| 9/17/2019 | 222 | 18 | 18 | 18 | 18 | | 6 | | | |
| 9/23/2019 | 112 | 27 | 26 | 26 | 26 | | 7 | 4 (M) 111 -1 (F) 121 | 2-dams 231, 1 dam 212 | |
| 9/24/2019 | 231 | 20 | 20 | 20 | 20 | | 5 | | 2 dam move if preg to 112 | |
| 10/1/2019 | 131 | 12 | 12 | 12 | 12 | | | 1 (M) 111 -1 (F) 121 | | |
| 10/7/2019 | 241 | 17 | 17 | 17 | 17 | 1 | 2 | 2 (M) 111 | | |
| 10/8/2019 | 171 | 11 | 11 | 11 | 11 | | 3 | | | Grp 212 |
| 10/14/2019 | 121 | 13 | 13 | 13 | 13 | | | | | |
| 10/15/2019 | 122 | 29 | 29 | 29 | 29 | | | | | |
| 10/21/2019 | 152 | 11 | 11 | 11 | 11 | | 2 | 2 to 3 (M) 111 | | |
| 10/22/2019 | 104 | 14 | 13 | 13 | 13 | | 1 | 1 (F) 152 or 121, 2 (M) 111 | dam/infant to 181, dam to 222 | |
| 10/28/2019 | 162/142 | 11 | 11 | 11 | 11 | | 1 | | changes w/returns/clinical | |
| Setting up breeder group w/162 males, either last week or November | | | | | | | | | | |

All subject to change with
moves

Re: BW's and bloodwork

cmali <cmali@uw.edu>

Fri 8/16/2019 2:13 PM

To: Schante M. Hodges <shodges3@uw.edu>; Tess House <th81@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>

104 weights look good!

L10136: recheck globulins and cocci titer at SAE

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Schante M. Hodges <shodges3@uw.edu>

Sent: Friday, August 16, 2019 1:53 PM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: BW's and bloodwork

Hello,

Case body weights in 104 and 142 were done and entered.

The chemistry for L10136 is now showing in panels reports.

Thanks,

Schante and Danielle

Weights/case updates

Tess House <th81@uw.edu>

Fri 5/24/2019 1:52 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: cmali <cmali@uw.edu>

Good afternoon Team-

Just a few updates following up on the weight checks in 104, 212, and 221:

104: Z17196- weight is up and weight loss case has been closed. Cleared to return to group.

Z16358-respiratory case is closed, valley fever case open. We will see how this one looks on exam next week and the titer level. Pending these, may be cleared to return to social group with partner.

212: L03310 (ET63)-body weight is up today. Will see what weight is at during the quarterly ultrasounds and if stable or up, will close weight loss case.

221: Z12029-body weight is up today. Will see what weight is at during the quarterly ultrasounds and potentially close case then.

Thank you and have a good weekend!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Week of July 29th

cjmead2 <cjmead2@uw.edu>

Sun 7/28/2019 3:09 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Monday July 29th

104: move to 152- all BWs

Z18013, Z18117, Z17248, Z18142, Z18121, Z18199, Z17195, Z17175, Z17253, Z18116, Z18135

104: R11037 infant Exam Z19183 (ear tattoo) (fast)

104: Z17135 oral Exam (fast) intro back to group if OK

142: ET63 intro back 212

142: ET71 intro back 242

242: T10118 BW

Tuesday July 30th

104: Z15079 rads (fast)

104: Z17196 suture removal and cocci titer (fast)

Wednesday July 31st (SH, SM, CJM)

104: Z17053 fecal swab

142: IL26 fecal swab

181: L10152 BW/Exam sedation

ATs: 121 BWs

Thursday August 1st (SH, CJM, DP, SM)

142: GT72 suture removal (fast)

104: Z17186 rads (fast)

Friday July 26th (SM off noon, DP, CJM)

104: case BWs

143: case BWs

Fw: Shipping date to Seattle

cjmead2 <cjmead2@uw.edu>

Thu 6/20/2019 12:58 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

From: Tess House <th81@uw.edu>

Sent: Thursday, June 20, 2019 12:29 PM

To: cmali; cjmead2

Cc: Jim Murphy; Kelly L. Carbone

Subject: Shipping date to Seattle

Hi Caroline and Dr. M,

The shipment to Seattle has been confirmed for Thursday, July 18th. We'll need to start planning our TB tests/exams. We will not need to do cocci titers or virology (Seattle will do that on receiving) but will need CBC and chem on anyone that hasn't had one in 6 months.

Dr. H

Sent from my Verizon, Samsung Galaxy smartphone

Fw: Week of May 27th

cjmead2 <cjmead2@uw.edu>

Tue 5/28/2019 11:59 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>**Cc:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>

All returned to group except had to pull M06139, group would not settle, she has a 6cm superficial wound on left proximal area sex skin, she is back in 142, can we start her on NSAIDS, best time to return when group is sedated for ultrasounds, that way its' calmer, since she has been out for a long time.

Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

142: CV61 CBC/chem (fast)

142: S11069- Exam (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242- did not work at this time

142: K11143/infant intro back to 242-done

142: ET02/infant return to group 231-done

142: Z14320/infant intro back into 112-done

M09202

Tess House <th81@uw.edu>

Tue 5/21/2019 11:25 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Hi Sherri and Schante-

I've added mirtazapine to M09202's treatments starting tomorrow. We will get another weight on her next week on Tuesday if possible. Let Dr. M and I know if you observe any fecal output on her before then.

-
Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242??? (Vets will let us know)

142: K11143/infant intro back to 242??? (Vets will let us know)

142: ET02/infant return to group pending BW/Tx??? (Vets will let us know)

142: Z14320/infant intro back into 112
BW for M09202 (241)

Thank you!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Week of May 27th

cjmead2 <cjmead2@uw.edu>

Sun 5/19/2019 3:56 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject to change

Monday May 27th

Holiday

Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242??? (Vets will let us know)

142: K11143/infant intro back to 242??? (Vets will let us know)

142: ET02/infant return to group pending BW/Tx??? (Vets will let us know)

142: Z14320/infant intro back into 112

Wednesday May 29th

104: Z15079- rads (fast)

ATs: 111/121 BWs

Nursery cage change out

Thursday May 30th

152: Z13319/M10166 BW

downstairs: white catch boxes

Friday May 31st

AAALAC Site Visit

104: case BWs

142: case BWs

Valley fever cases from 162/142/104

Tess House <th81@uw.edu>

Tue 5/7/2019 3:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hi team-

Z15258 in 162 has had one full year of negative cocci titers so I have closed his valley fever case. All other valley fever cases from 162/142/104 that had cocci titers done on 4/22 or 4/23 are either improving (Z16341, Z16283) or not yet to one full year of negative titers (Z14333).

Sherri and Danielle-please cross off his treatment for tomorrow if you have already printed off the treatment sheets.

Thank you!
Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Fwd: cocci results TB Exams

cjmead2 <cjmead2@uw.edu>

Mon 4/15/2019 4:18 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

From: Tess House <th81@uw.edu>**Sent:** Monday, April 15, 2019 1:52:01 PM**To:** cjmead2; cmali**Subject:** RE: cocci results TB Exams

Good news for Z13090-he's now cocci negative for a year. Case closed. I'm curious how his GI tract will do being off of fluconazole now....

All other cocci cases are stable or IgG levels are dropping/titers getting better. No new cases.

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: cjmead2 <cjmead2@uw.edu>**Sent:** Monday, April 15, 2019 6:44 AM**To:** Tess House <th81@uw.edu>; cmali <cmali@uw.edu>**Subject:** cocci results TB Exams

221 & 112/152/143

Cocci Cases Closed in 221!

cmali <cmali@uw.edu>

Mon 4/15/2019 1:50 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Tess House <th81@uw.edu>

T00237

R101151

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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Wed Thurs

cjmead2 <cjmead2@uw.edu>

Thu 5/16/2019 8:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

142: GN27/infant and Z11343/Infant intro back 181

104: 284-intro in 111

111: Z17072 frequent flier back for wt loss/diarrhea-fecal sent out
bloodwork for these days complete

DL30- no biscuit count

Got a wt on ID32 weight up, whew

Meeting:

Thank you Danielle for taking notes, I lived on phone about the Procyte machine

Building will be done soon, taking longer than anticipated. Mid-late July.

Might have animals by August after IACUC approves building

Jim discussed trip to Seattle. Got ideas from Seattle such shield that protects thermostat to prevent altering of air/heat when ATs are pressure washing. Shop in Seattle will send plans so we can try also.

Jim also saw better door stops for heavy doors while in Seattle.

Clinical updates:

K11143 toe amputation

M11094 weight loss

2.86 diarrhea treated in group

CV61 weight loss

079 Fractured heel

Pathology 441 "Seizure Girl" valley fever throughout brain.

Several monkeys returned.

Kelly: Asked if they can dry start pressure washer that goes to 131- Chris says no. Will work on something more permanent/effective.

-Jim mentioned a more permanent setup involving a pipe/valve setup. Would definitely be a bigger project.

Chris mentioned to make sure to pull trigger on pressure washer when starting.

Kelly: make sure when pressure washing annex, also pressure wash entire upstairs areas- at least a couple times a week.

When feeding annex, throw food toward back of cage to avoid getting soggy.

Throw extra sawdust under tunnels of annex to soak water coming through when cleaning outside annex.

Re: TB Exams 122 171

cjmead2 <cjmead2@uw.edu>

Sun 4/14/2019 11:04 AM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Add to Tuesday TB Exam Z13319 30g wt loss
CBC/chem/virology/cocci titer/RNA/VF banking

From: cjmead2

Sent: Thursday, April 11, 2019 9:12 PM

To: Schante M. Hodges; Danielle Parks; smintner

Subject: TB Exams 122 171

New bloodwork sheet, please print out for next week check off (I made changes)

6am start to have Tx complete

Try to start at 730am

Danielle continue train sedations and TB reads

Monday 122:

26 TBs

ultrasound

dental instruments

dye prep

Tuesday 171:

10 TBs

dye prep

Wednesday afternoon

Tess House <th81@uw.edu>

Wed 4/3/2019 1:30 PM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Just tried to call downstairs but everyone is busy-just wanted to let you know I'm heading out since I was in this last weekend. Will have my phone on standby for anything, otherwise will see everyone next week on Monday after I return from the Cocci conference.

Thanks,

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Fw: cocci titer

cjmead2 <cjmead2@uw.edu>

Tue 3/26/2019 7:57 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

From: Tess House <th81@uw.edu>

Sent: Monday, March 25, 2019 9:48 AM

To: cjmead2; cmali

Subject: RE: cocci titer

A12262 still positive but has come down slightly.

A12269 and Z11338 are both negative but not yet one year of negatives.

J10160 negative for one year. Treatment has been discontinued and case closed.

(No subject)

cjmead2 <cjmead2@uw.edu>

Thu 3/21/2019 3:05 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Friday March 22nd

142:DI36 Z19055 infant exam

232: Z18117 cbc (already in 232c)

104: case BWs

142: case BWs

103: Z19020 possible cbc/chem/cocci

Re:

cmali <cmali@uw.edu>

Thu 3/21/2019 2:33 PM

To: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

GM35 Valley Fever case closed after 11 months of negative titers!! Fluconazole has been discontinued

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, March 21, 2019 1:12 PM

To: Tess House; cmali

Subject:

M06139 cocci titer download into panel reports

(No subject)

cjmead2 <cjmead2@uw.edu>

Mon 2/4/2019 11:40 AM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Tuesday February 5th

241: biscuit count and then check with Vet if can go back in group

112: Z13090: follow-up fecal culture (catch him before group goes out)

142: Z13319- follow-up fecal culture

142: Z13337- F/U US, cocci titer and chest rads

222: Z11338 & J10160 new infant Exam

231: S10185 new infant exam

171: Z14340 BW intro into 171A

RE: 2/1 104/142 Obs

Tess House <th81@uw.edu>

Fri 2/1/2019 2:32 PM

To: cjmead2 <cjmead2@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

We can always do another exam on Monday after our dental. Pain meds are on over the weekend.

Let's get a cocci titer on this one when we sedate Monday.

From: cmali <cmali@uw.edu>

Sent: Friday, February 1, 2019 2:29 PM

To: Danielle Parks <dp546@uw.edu>

Cc: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>

Subject: Re: 2/1 104/142 Obs

Weird about 139- may need another check/exam. His left foot was the one that was injured initially....

Sent from my iPhone

On Feb 1, 2019, at 6:26 AM, Danielle Parks <dp546@uw.edu> wrote:

Good Morning!

104:

Z17139- Yesterday I said favoring left foot, this was an error. He is favoring RIGHT foot. My apologies. It is a little less today. Grasping and climbing as normal.

Z16004- Day 4 of diarrhea

Z17072- Day 3 of diarrhea

142:

Group 6 with M10166/Z13319 had normal/fluid feces.

ID14 & M09202 both went from fluid/mounding to mounding today. 😊

Danielle Parks
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, AZ 85215

Week of February 4th 2019

cjmead2 <cjmead2@uw.edu>

Fri 2/1/2019 11:36 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Sunday- Schante you will need to separate male into C or B/C at AM treatment, so less stress

Monday February 4th

241 (CAN NOT have any food in enclosure for sedation)

241: male K-9 removal (male to recover in group six in bay) make sure cage plate Vet staff to feed only

111: Z17184 BW

Tuesday February 5th

112: Z13090: follow-up fecal culture (vet staff to put male in C in AM to see if can collect feces before noon)

142: Z13319- follow-up fecal culture

142: Z13337- F/U US, cocci titer and chest rads (new VF)

222: Z11338 & J10160 new infant Exam

231: S10185 new infant exam

171: Z14340 BW intro into 171A

Valley fever cases from 162/142/104

Tess House <th81@uw.edu>

Tue 5/7/2019 3:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hi team-

Z15258 in 162 has had one full year of negative cocci titers so I have closed his valley fever case. All other valley fever cases from 162/142/104 that had cocci titers done on 4/22 or 4/23 are either improving (Z16341, Z16283) or not yet to one full year of negative titers (Z14333).

Sherri and Danielle-please cross off his treatment for tomorrow if you have already printed off the treatment sheets.

Thank you!
Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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3/29 Observations 232

Danielle Parks <dp546@uw.edu>

Fri 3/29/2019 2:14 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hello,

K10112 in 232 is on day 3 of fluid feces. She has an infant on her so we are not able to weigh her. She is on Tx for valley fever and is easy to treat. Please let me know if we should start her on anything else.

Thank you and HAPPY FRIDAY!,

Danielle Parks
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, AZ 85215

Re:

cmali <cmali@uw.edu>

Thu 3/21/2019 2:33 PM

To: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

GM35 Valley Fever case closed after 11 months of negative titers!! Fluconazole has been discontinued

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, March 21, 2019 1:12 PM

To: Tess House; cmali

Subject:

M06139 cocci titer download into panel reports

RE: Z16342

Tess House <th81@uw.edu>

Wed 11/13/2019 12:46 PM

To: cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

The social exemption has been added for this animal.

Thanks,
Dr. H

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Tuesday, November 12, 2019 2:47 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Subject: Z16342

Hello everyone,

This animal is a new valley fever case in 122. Danielle and I were discussing, and we've both had a difficult time treating her in the group. With approval from Dr. M, we are going to pull her to 104 to get her used to coming up for treatment. Once we do, I will move her in ARMS but she will need a social exemption added.

Thanks,

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

RE:

cjmead2 <cjmead2@uw.edu>

Mon 10/28/2019 11:30 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

104: Z18043 cast- now swelling utilizing hand/fingers

104: Z16076 and Z15386 no sutures present, healed/dry and clean- they both were scheduled this week for suture removal.

From: cjmead2

Sent: Monday, October 28, 2019 11:03 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject:

122: out on deck and I saw Z16053 dry coughing

142: ET63 day fluid feces

231: notified by ATs this AM blood inside and outside enclosure, it is not from heavy menses. A03194/ET57 abort, some blood around vaginal area that she was cleaning and on hands.

142: Z14331 mounding feces

142: L10095 formed/soft feces

Example to send to Protatek Lab

cjmead2 <cjmead2@uw.edu>

Sun 8/4/2019 5:21 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

 1 attachments (2 MB)

Prototek_Requisition_Form 7-31-19.pdf;

If I am not hereto submit cocci titer.
Here is the form to use, you edit this form.

Get same information as this example indicates and you can find last cocci titer for individual animals under panel reports.

Collect sample/separate, make sure date ID label on tube, double bag small biohazard bag. Place paperwork in out bag, pocket sleeve.

Call 480# after (9am, but before 1130am cut off for pick-up)

Say, I am calling from Washington Primate Facility in Mesa Az, I have 1 sample for a pick-up.

Put in Idexx box with 2-3 ice packs, check later to ensure it is picked up.

Send me a copy of the paperwork, so I can track for billing and make sure results are downloaded.

If questions, let me know.
Caroline



PROTATEK REFERENCE LABORATORY
540 WEST IRON AVENUE • SUITE 106 • MESA, AZ 85210
TEL: (480) 545-8499 • FAX: (480) 545-8409

PROTATEK
INTERNATIONAL, INC.

REQUISITION FORM

PRL Reference # _____

Account Code UWPCAZ

Clinic Name WaNPRC-ABC
Address PO Box 208336
Mesa, AZ 85215
Phone 206-685-6031
Fax N/A
Email Address th81@uw.edu, cjmead2@uw.edu
Veterinarian Tess House, Caroline Mead

Billing Info (if different)

Name _____
Address _____
Phone _____
Fax _____

Owner WaNPRC Animal's Name / ID See Attached
Species Macaca nemestrina Breed Pig Tailed Macaque Sex See Attached Age See Attached
Collection Date 7 / 30 / 2019

Clinical History / DD

ANALYSIS REQUESTED (circle)

SEROLOGY

Rickettsia

1. Ehrlichia canis (sst)
2. Feline Ehrlichia (E. canis + N. risticii) (sst)
3. Neorickettsia risticii (E. risticii) (sst)
4. Anaplasma phagocytophilum (E. equi) (sst)
5. Ehrlichia sennetsu (sst)
6. Rickettsia rickettsii (RMSF) (sst)
7. Chlamydia (sst)
8. Bartonella henselae (sst)

Viral

9. Canine parvovirus (IgM / IgG) (sst)
10. Canine distemper (IgM / IgG) (sst)
11. Canine distemper smears (DFA) (sl)
12. Feline leukemia (ELISA) (sst)
13. Feline leukemia (IFA) (Itt)
14. Feline infectious peritonitis (FIP) (sst)
15. Feline immunodeficiency syndrome (FIV) (sst)
16. Feline rhinotracheitis (sst)
17. Feline panleukopenia (sst)
18. Equine rhinopneumonitis (sst)

Bacterial

19. Borrelia burgdorferi (Lyme) (IFA) (sst)
20. Lyme Multiplex assay (sst)
21. Brucella canis (IFA) (sst)
22. Brucella canis (EXPORT) (sst)
23. Leptospira (6 serovars) (sst)

Protozoan

24. Babesia canis (sst)
25. Babesia gibsoni (sst)
26. Babesia caballi (equine) (sst)
27. Babesia bigemina (bovine) (sst)
28. Toxoplasma gondii (IgM / IgG) (sst)

29. Neospora caninum (IgM / IgG) (sst)
30. Leishmania infantum (chagasi) (sst)

Fungal

31. Coccidioidomycosis (Cocci, Valley Fever) (sst)
32. Blastomycosis (sst)
33. Histoplasmosis (sst)
34. Aspergillosis (sst)
35. Cryptococcus antigen (sst)

Helminthic

36. Heartworm antigen (ELISA) (sst)
- 37a. Knott's microfilaria test (Itt)
- 37b. D. immitis microfilarial filtration test (Itt)

Hormonal/Autoimmune

38. Progesterone assay (sst)
39. Canine rheumatoid factor (sst)
40. Coomb's test (direct) (Itt)
41. Antinuclear antibodies (ANA) (sst)

Microscopic Identification

42. Mycoplasma haemocanis (Itt)
(Haemobartonella canis)
43. Mycoplasma haemofelis (Itt)
(Haemobartonella felis)
44. Babesia spp. (sl, Itt)
45. Trypanosoma spp. (sl, Itt)
46. Brucella canis (sl, Itt)

DISEASE PANELS

47. TICK-BORNE DISEASE PANEL
E. canis, B. canis, RMSF, Lyme (sst)
48. EHRlichia – FUNGAL PANEL
Ehrlichia canis, Coccidioides (sst)
49. FUNGAL PANEL
Cocci, Blasto, Histo (sst)
50. CANINE HEMOLYTIC ANEMIA PANEL
Babesia canis (sst), Coomb's test (Itt)
51. FELINE DISEASE PANEL
E. canis, N. risticii, FeLV, FIP, Toxo (sst)

52. CANINE EXPORT PROFILE I
B. gibsoni (IFA) (sst), Babesia spp. (sl)
53. CANINE EXPORT PROFILE II
E. canis, Leishmania, Lepto, Brucella canis
(agglutination) (sst)

ANTI-FUNGAL DRUG LEVELS

54. Fluconazole (sst)
55. Ketoconazole (sst)
56. Itraconazole (sst)
57. Voriconazole (sst)

HEALTH PROFILES AND PANELS

58. CBC (Itt)
22 parameters with 5-part differential
59. Chemistry Profile 14 (sst): ALT, ALB, ALP, AMY, CA, PHOS, CRE, GLOB, GLU, K+, NA+, TBIL, TP, BUN
60. T4/ Cholesterol (sst)
61. Chemistry Profile 14 + CBC (sst, Itt)
62. Chemistry Profile 14 + CBC + T4 / Cholesterol (sst, Itt)
63. Ehrlichia canis + Chem Profile 14 + CBC (sst, Itt)
64. Coccidioides + Chem Profile 14 + CBC (sst, Itt)
65. E. canis + Cocci + Chem Profile 14 + CBC (sst, Itt)
66. Tick-borne Disease Panel + T4 / Cholesterol (sst)
67. Tick-borne Disease Panel + Chem Profile 14 + CBC (sst, Itt)

PCR PANELS (submit 1ml whole blood in Itt)

68. Ehrlichia / Anaplasma / Neorickettsia (Itt)
69. Rickettsia (Itt)
70. Bartonella (Itt)
71. Hemoplasma (Hemobartonella) (Itt)
72. Babesia (Itt)

OTHER TESTS: _____

sst = serum separator tube • Itt = lavender top tube • sl = slides (unstained)

| | Animal ID | Alias | Sex | Age | Collection Date | Clinical History |
|----|-----------|-------|-----|-------------|-----------------|----------------------------|
| 1 | Z17196 | | F | 1 yrs 11 mo | 7/30/2019 | 4/16/2019 IgG/IgM negative |
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1/18/19

smintner <smintner@uw.edu>

Fri 1/18/2019 3:26 PM

To: cjmead2 <cjmead2@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Good afternoon

Today we sedated Z16004, Z16358 (rads), Z17072, and Z16068 for exams. Dr. House would like a weight done on Sunday for Z16068 since she was down 200 grams. Her pouches have healed nicely. We did CBC's, Chems and fluids given for all except Z16068. Dr. H would like Cocci's sent on Z16004 and Z17072- they are in a baggie in fridge.

We got all case weights done, and entered. ID14 was down 0.4kg and pulled to 104. Has fluid feces.

Fecals sent to Idexx today for ID14, Z16004 (104), and Z14134 (152).

Thanks team!

Sherri

Re: Pre-screening Monday

smintner <smintner@uw.edu>

Sat 1/26/2019 3:08 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Good afternoon TEAM!!

I got this stuff ready for Monday. I autoclaved the dental scalers and ear tattoo letters this afternoon. They'll be finished and in the autoclave. There's a minor trauma pack drying to be autoclaved.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, January 24, 2019 3:42:16 PM

To: smintner; Schante M. Hodges; Danielle Parks

Subject: Pre-screening Monday

Items Ready in procedure room: (3) dams)

sedation dam full exam

BWs

fecal swabs

cage -collect feces for fecal float

2 slides each and clear tape for perianal taping for external parasites

CBC/chem

cocci titer

1-red tope tube filovirus (1.0 serum) 2 cryo vial labeled

2 tubes for virology to Seattle printed labels

shipping boxes

ice packs

RE: Re:

cjmead2 <cjmead2@uw.edu>

Tue 8/27/2019 3:44 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Make sure just to use the 4mL red top tubes for adult and 2mL for infants and juveniles, if you fill 1 full red top for juveniles it should be enough for chem and cocci titer if not use two and fill half each.

Virology make sure to use the 4mL dark lavender and for infants and small juveniles fill-1 tube full, we usual have a second tube labeled if needed.

A lot going on

Thanks,
Caroline

From: cjmead2 <cjmead2@uw.edu>

Sent: Saturday, August 24, 2019 1:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re: Re:

I made a folder in the zdrive drive under bloodwork labels, that I will be working on when I have time
2019 Fall Bloodwork, so you know what animals being sedated

Then I am assuming you guys are doing eye test and glucose test and recording, will see how much time this takes. I will scan all copies and keep records.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, August 15, 2019 7:19 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re:

Use the 4mL red top tubes first with adults for semi-annuals, so we can use them up

From: cjmead2

Sent: Wednesday, August 14, 2019 3:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject:

Here is a tentative schedule of number of animals each day, since varies with animal movement. Vials will be made for any juvenile in group 6 mo and older.

Everyone:

(2) virology tubes

(1) Chem

(1) CBC use up lavender with black in center, then we will be using light lavender after

(1) Protatek

I will work on bloodwork sheets when I have time, then they can be compared with vials for day of exams prior.

You will be busy with tattoos and not sure on cbc/chem at this time

Arizona Breeding Colony Fall 2019

| Date Collection | Room | Animal # | Virology | Protatek | cbc/chem | Rads | chest tattoos | Weans | Dam Breed | Moves |
|-----------------|-------------|----------|----------|----------|----------|------|---------------|-----------------|-------------------------------|---------|
| 8/26/2019 | 222/231/241 | 3 | 3 | 3 | 3 | 2 | | | | |
| 8/27/2019 | 232 | 4 | 4 | 4 | 4 | | 1 | 1 later (M) 152 | genetic to add to breeder grp | cage |
| 9/3/2019 | 181 | 16 | 16 | 16 | 16 | | 5 | (4)M-111 | (3 or 4) 242 | |
| 9/9/2019 | 242 | 20 | 19 | 19 | 19 | | 3 | (3)M-111 | early preg spec dam to 181 | Grp 232 |

| | | | | | | | | | | |
|--|---------|----|----|----|----|---|---|-----------------------------|-------------------------------|---------|
| 9/10/2019 | 212 | 16 | 16 | 16 | 16 | | 2 | (1)M-111, 1(F)-121 | 112- dam move | Grp 242 |
| 9/16/2019 | 221 | 20 | 20 | 20 | 20 | | 2 | 4 (F) 121 | | |
| 9/17/2019 | 222 | 18 | 18 | 18 | 18 | | 6 | | | |
| 9/23/2019 | 112 | 27 | 26 | 26 | 26 | | 7 | 4 (M) 111 -1 (F) 121 | 2-dams 231, 1 dam 212 | |
| 9/24/2019 | 231 | 20 | 20 | 20 | 20 | | 5 | | 2 dam move if preg to 112 | |
| 10/1/2019 | 131 | 12 | 12 | 12 | 12 | | | 1 (M) 111 -1 (F) 121 | | |
| 10/7/2019 | 241 | 17 | 17 | 17 | 17 | 1 | 2 | 2 (M) 111 | | |
| 10/8/2019 | 171 | 11 | 11 | 11 | 11 | | 3 | | | Grp 212 |
| 10/14/2019 | 121 | 13 | 13 | 13 | 13 | | | | | |
| 10/15/2019 | 122 | 29 | 29 | 29 | 29 | | | | | |
| 10/21/2019 | 152 | 11 | 11 | 11 | 11 | | 2 | 2 to 3 (M) 111 | | |
| 10/22/2019 | 104 | 14 | 13 | 13 | 13 | | 1 | 1 (F) 152 or 121, 2 (M) 111 | dam/infant to 181, dam to 222 | |
| 10/28/2019 | 162/142 | 11 | 11 | 11 | 11 | | 1 | | changes w/returns/clinical | |
| Setting up breeder group w/162 males, either last week or November | | | | | | | | | | |

All subject to change with
moves

DNA Samples- Semi Annuals

cjmead2 <cjmead2@uw.edu>

Thu 9/12/2019 2:22 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>

New type of DNA testing using SNPs. This is to replace the testing we did at UC Davis. So, moving forward with all the rest of our semi-annuals, we will be collecting these additional samples. I will need the light lavender tubes 1-2mL (2 tubes adults, 1 tube juveniles), and then once Kelly receives them she will have her check list and then they will be moved to freezer.

I added these to the bloodwork sheets for labeling. Let's make sure we have extra labels printed for Kelly for redraws and missing labels.

Juveniles under 2.5kg lean- (Example: 1 light lavender-DNA, 1 dark lavender virology and CBC- no black top and 1 serum separator chem/cocci titer)

Once we finish all the dark lavender w/black. We strictly will only be using the light landers for CBC and/or DNA

Chris DO NOT move samples in freezer for maintenance, check with me first, since I have them laying in a specific order.

Thanks,
Let me know if any questions.

Caroline

RE: 9/26/19

cjmead2 <cjmead2@uw.edu>

Thu 9/26/2019 4:10 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Thanks Sherri for holding down the fort-good job..

From: smintner <smintner@uw.edu>

Sent: Thursday, September 26, 2019 3:17 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Subject: 9/26/19

Good afternoon

The ATs wrote down and told Dr. M about Z19006 (Z14320's infant from 162C) coughing, saying it was pretty bad today. He was sedated for an exam and xrays, and given fluids. Dr. M wanted a cocci titer, CBC/Chem, but when I tried to draw the blood, the vein blew. She couldn't get the blood either. She didn't say much about the xrays, she didn't seem to find anything significant. The animal has been weaned to 104 to observe and start tx. I did hear him coughing several times when I was in the room.

142-ET02--no fecal output, so I did not send a biofire.

Nothing else new to report.

Thanks,
Sherri

Z14331**Tess House** <th81@uw.edu>

Tue 12/31/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi All-

Danielle noted that Z14331 has some occasional stertor this afternoon. She is otherwise fine-BAR, taking pm treatments well, no respiratory distress or increased effort, no coughing. She is a valley fever case and on albuterol with her fluconazole.

If she continues to sound this way tomorrow, we will fast her Thursday evening for a sedate/hands on exam and radiographs on Friday.

Thanks!

Dr. H

RE: VF updates from 231 Semi-annual exams

Sally Thompson-Iritani <sti2@uw.edu>

Tue 10/8/2019 5:31 PM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

That's great news!

Sally

From: Tess House <th81@uw.edu>

Sent: Monday, October 7, 2019 11:27 AM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

Subject: VF updates from 231 Semi-annual exams

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

Week of October 28th

cjmead2 <cjmead2@uw.edu>

Thu 10/24/2019 9:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject to change

Monday October 28th

10 TB Exams and 4 chest tattoos-

162: (2) male sedations lock inside by 630am (fast)

142: Z15079 (fast) TB Exam & rads

142: T10118 (fast) U/S

104: Z19020, Z19059, Z19052, Z19069, Z16358-rads, Z17053 and Z18116 (fast) TB Exam

Tuesday October 29th

(92) New Arrivals AB Building

11 TB Exams and 3 chest tattoos

ATs jump 152 out and put in 141 cages- they will recovery in 152 (fast)

Wednesday October 30th

142: Z14331 (fast) F/U cocci titer/ Exam and infant ear tattoo & chest tattoo

142: Z14340 infant Exam (fast)

142: Z16076 (fast) suture removal

142: T10118 & T140174 clearance to return to 232, check with Vets first

104: fecal swabs clearance to return to groups 116 (152), 158 (121), 196 (121)

104: Z16004 cleared to return to 122

ATs-122 BWs

Thursday October 31st

222: HK97- new birth exam

241: GR11 New birth exam

241: GP45 follow-up CBC

Friday November 1st

221: R10113 & CV61 BWs

112: M11094, Z14257, Z13082 Follow-up BWs

104: Z15386 (fast) suture removal, if still present

104: case BWs

142: case BWs

(No subject)

cjmead2 <cjmead2@uw.edu>

Tue 10/29/2019 11:18 PM

To: smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Wednesday October 30th

I have a lot to do in B Building

And

A Building emergency in late afternoon (131) DJ72 emergency c-section, I need to work in the surgery room

Make sure assisting Vets to get items ready

142: Z14331 (fast) F/U cocci titer & rads

142: Z19058 chest tattoo and ear tattoo

142: Z14340 infant Exam (fast)

104: Z16076 checking to see if can return to 122

142: HL83 (fast) exam

104: fecal swabs clearance to return to groups 116 (152), 158 (121), 196 (121) checking with Vets

142: ET02 intro to 231

These animals need to be separated into C for Thursday

222: HK97- new birth exam

241: GR11 New birth exam

241: GP45 follow-up CBC

104: Z16004 cleared to return to 122

ATs-122 BWs

L01151- New VF Case, GIVE 100mg Fluconazole TODAY

cmali <cmali@uw.edu>

Fri 11/1/2019 2:50 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Friday, November 1, 2019 2:40 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>

Subject: Cocci Results

L01151 IgG 1:2 and IgM neg

Z14331 IgG 1:16 IgM 1:2

Week of November 11th

cjmead2 <cjmead2@uw.edu>

Fri 11/8/2019 2:33 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday November 11th

Holiday

Dr M on-call, Dr Fuller ½ day

104: Z16283 (fast) suture removal

103: Z19178 suture removal

104: Z18043- (fast) rads

Tuesday November 12th

Ship DNA samples

B Bldg: Caroline

Separate 317AB EM80 for TB exam Tuesday or Wednesday, if possible (group six)

Separate 312CD K04362 into single cage in 302

B Bldg:

Group 6's or baboon cages Kelly to check for new male breeder arrivals

302 Cage-set for K04362

Shipment 3 arrival (86)

Wednesday November 13th

142: Z14331 follow-up fecal swab

104: Z16281 pending fecal/clearance intro back 122

104: Z17175 (fast) F/U chem

152: Z17253 (fast) F/U chem

104: Z16283 intro back to 122

B Bldg:

312CD K04362 into single cage (fast) Sx Rm

Catch box, golf cart transport

ATs-121 BWs

Items needed downstairs: Jerry ramp/2 squeeze cages, 2 white catch boxes

Thursday November 14th

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover)

Move 162 (males) up in "Cs" with moves and block off "B"

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171A/B

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

Friday November 15th

104: case BWs

142: case BWs

212: Z14130 BW

B Bldg.: 302 case BWs

Leave group locked inside to move (need all catch boxes and cart)

Moves

| Loc | Dam new breeder Grp 171 |
|------|-------------------------|
| 162C | Z14320 |
| 162C | Z14066 |
| 112 | A10228 |
| 112 | A10038 |
| 112 | Z13082 |
| 112 | L06215 |
| 112 | M11094 |
| 112 | K06271 |
| 112 | K10112 |

Re: J01126

cmali <cmali@uw.edu>

Sun 11/10/2019 3:02 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: aw656 <aw656@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>

Added 1/2 bottle ensure PO BID to TX plan starting tomorrow

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: smintner <smintner@uw.edu>

Sent: Sunday, November 10, 2019 2:30 PM

To: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re: J01126

Her sample is double bagged and on top of the other blood samples in the fridge.

Thanks,
Sherri

From: cmali <cmali@uw.edu>

Sent: Saturday, November 9, 2019 1:52 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: J01126

3/21/2020

Mail - smintner - Outlook

Please submit for cocci tighter on Tuesday. Please let me know the biscuit count each day for her. Thank you

Sent from my iPhone

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 11/13/2019 12:59 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Thursday November 14th

Ship tissue to Seattle

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302: Z14298 (fast) suture removal

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover) 9AM
contact Chris -fork lift and strap down

Move 162 (males) up in "Cs" with moves and block off "B"

All animas moved must get BWs

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171 just A, B blocked off

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

RE: Z19039**Tess House** <th81@uw.edu>

Tue 11/26/2019 2:08 PM

To: Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Let's send out a fecal swab on her tomorrow. Thanks for the update Danielle!

From: Danielle Parks <dp546@uw.edu>**Sent:** Tuesday, November 26, 2019 2:05 PM**To:** Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** Re: Z19039

Fecal output in PM was fluid- only a small amount of fecal output.

Danielle

From: Tess House <th81@uw.edu>**Sent:** Tuesday, November 26, 2019 10:12 AM**To:** cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** Z19039

Hi Team,

We're pulling Z19039 for weight loss from 112 to 104 and will sedate for an exam tomorrow and cocci titer. I've started her on NS BID. Please empty her pan in case we want to grab a swab tomorrow morning.

I've also added Meloxicam for the dam (Z13067) 0.59 mL PO SID starting today.

Thank you!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

Z19039

Schante M. Hodges <shodges3@uw.edu>

Wed 11/27/2019 1:22 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>

Hello,

Bloodwork that was done today has been transferred. The CBC is showing in panels reports, but the chemistry isn't yet. It will be by EOD. Cocci titer and fecal swab sent out as well.

Thanks,

Schante and Sherri

Week of December 2nd

cjmead2 <cjmead2@uw.edu>

Sat 11/30/2019 12:52 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday December 2nd

142: T10118/T10174 follow-up fecal swab-mixed feces

B Bldg:

302: Z14244-check w/Vets first before return to group 317CD

320C: A09109 (fast) sedate for eye exam, then can return to group if cleared by Vet (319AB)

302: Z13247 intro back to 319AB

302: Z12353- (fast) suture removal, check if cleared to return Wednesday (319AB)

302: F02420 intro into 319CD

Items needed B Bldg:

Group six (chains), jerry ramp, 2 squeeze cages, 5 white catch boxes

Tuesday December 3rd

142: FL04- pending fecal and BW, clearance return to 131

142: Z14331/infant pending fecal/BW and clearance to return to 112, check with Vets first

222(10)/232(9) Quarterly Ultrasounds

ATs separate both males outside, dams lock inside

Start time 8AM (fast) groups 222/232

Items needed:

Jerry ramp, 2 squeeze cages, 5 recovery cages

Wednesday December 4th

ATs: BWs 121 (subject to change w/ATs schedule)

121: cocci titers: Z17142, Z17150, Z16161

104: Z18178 cleared to intro into 121

Thursday December 5th

142: M09202 (fast) exam/BW

111: f/u BW Z17250

152: Vet Tech BWs

104: Z17175 f/u chem intro back 152, pending fecal and BW clearance, check w/Vets first

Friday December 6th

104: case BWs (all BWs, non-case as well)

142: case BWs

171: BWs Z14066 & Z14320

B Bldg.: 302 case BWs

(No subject)

cjmead2 <cjmead2@uw.edu>

Tue 12/3/2019 3:40 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Wednesday December 4th

142: ET71- biofire

B Bldg.

302: Z12353- intro back (319AB) Caroline will do this in AM with Jessica

ATs: BWs 121 (subject to change w/ATs schedule)

121: cocci titers: Z17142, Z17150, Z16161

104: Z18178 intro into 121

RE: Wed A Bldg AM Obs

cjmead2 <cjmead2@uw.edu>

Wed 12/4/2019 11:37 AM

To: cmali <cmali@uw.edu>**Cc:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Tess House <th81@uw.edu>

She received them

From: cmali <cmali@uw.edu>**Sent:** Wednesday, December 4, 2019 11:36 AM**To:** cjmead2 <cjmead2@uw.edu>**Cc:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Tess House <th81@uw.edu>**Subject:** Re: Wed A Bldg AM Obs

Z14331 changed to 2 tabs Metro PO BID (100mg total)

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501

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From: cmali <cmali@uw.edu>**Sent:** Wednesday, December 4, 2019 8:56 AM**To:** cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>; Jessica Toscano <jesst393@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Subject:** Re: Wed A Bldg AM Obs

Z14331: please add 0.5ml Metronidazole PO BID. Opened repeat diarrhea case

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501

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From: cjmead2 <cjmead2@uw.edu>**Sent:** Wednesday, December 4, 2019 7:25 AM**To:** cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>; Jessica Toscano <jesst393@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Subject:** Wed A Bldg AM Obs

152: ATs mentioned Z17195 pointer finger wound, observed animal, it is suckling on left hand D1, making finger red (If you want to watch group Jessica today)

142:

Z14331 Day 3 fluid feces

142: T10118/T10174 day- today formed feces

121: Z17150- heard dry coughing (has a follow-up cocci titer this week)

Caroline

RE: this morning

cjmead2 <cjmead2@uw.edu>

Sun 12/8/2019 1:58 PM

To: smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Good dealio, thanks Sherri

From: smintner <smintner@uw.edu>

Sent: Sunday, December 8, 2019 1:13 PM

To: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Subject: Re: this morning

I'll do the paperwork and have them ready in the fridge.

Thanks,
Sherri

From: cjmead2 <cjmead2@uw.edu>

Sent: Sunday, December 8, 2019 11:38 AM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject: FW: this morning

Do we still need to send out cocci on Monday, did paperwork get filled out?

From: smintner <smintner@uw.edu>

Sent: Friday, December 6, 2019 1:40 PM

To: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; aw656 <aw656@uw.edu>

Subject: this morning

Hello

All weights for 104 and 121, case weights for 142, and Z14066 (171) have been done and entered.

Blood was drawn for cocci titers on Z17142, Z17150, and Z16161.

Also Z18178 from 104 was introduced into 121 without incident. Social exemption can be removed.

Thanks,
Sherri

RE:

cjmead2 <cjmead2@uw.edu>

Mon 12/9/2019 6:31 AM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

253 start 4 hrs feeding schedule, so he can be on normal schedule

From: cjmead2

Sent: Sunday, December 8, 2019 12:56 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject:

Make sign for M09202 for biscuit count and EE by Vet Staff only (separate)

Caroline Off Friday

Schante Ship Tissue

104: Z17162 biofire

Mon/Tues Danielle B Bldg and 212/131 ultrasounds, if in B Bldg follow-up Schante can assist when available

Schante can bring T10118/T10174 upstairs 232 "c"

Nursery:

"253" train self-feeder and gruel mix, check if temp steady move to cage maybe

"221" cage, still might need warming blanket at night with cool night-time, depending if her temp stays stable, give soaked/dry biscuits

"201" same give soaked/dry biscuits, now on rubber sipper, BW daily 40 % dilution

Socialization w/221/201

104:006 & 178 EE, no water bottle, stuff toy might, will take away next week, BWs on Friday

Rm 104: humidifier on all day/night

Monday December 9th

Kelly 104: group house if we have connecting cages at top (or move Z18043, and Z17175 is returning to group) Z19020 and Z19059 pair w/Z19069 and Z19052- (they are same size as Z18199 in 152) so they get ready for 152 since couple more will move out.

B Bldg:

Z14138-rads (fast)

152: Z17175 BW

142: T10118/T10174 return to 232 confirm w/Vets-fecal results negative

212(6)/131(7) Quarterly Ultrasounds

131:

GR30/ L09006 recheck chem

Male/L09006/DJ72 cocci titers

Male/DJ72 chest rads

ATs separate 131 male into "C", dams lock inside A

Male will be sedated with dams as well

Start time 8AM (fast) groups 212/131

Start upstairs 1st (single trapping run, 2 squeeze cages, 2 recovery cages, couple white boxes)

Downstairs 2nd (single trapping run, 2 squeeze cages, 2 recovery cages, couple white boxes)

Vet Staff 241: separate male into "C" for overnight

Re: RE:

cmali <cmali@uw.edu>

Wed 12/11/2019 10:53 AM

To: Jessica Toscano <jesst393@uw.edu>; Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; aw656 <aw656@uw.edu>
Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Rita U Bellanca <rbell@uw.edu>
social exemptions have been removed

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Jessica Toscano <jesst393@uw.edu>

Sent: Wednesday, December 11, 2019 10:11 AM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Rita U Bellanca <rbell@uw.edu>

Subject: RE:

Hi Group,

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Both animals were returned their respective groups without incident.

Thanks,
Jessica

From: Tess House <th81@uw.edu>

Sent: Tuesday, December 10, 2019 3:41 PM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Great, thank you so much! I'm still learning Jess' meeting schedule/availability.

From: cjmead2 <cjmead2@uw.edu>
Sent: Tuesday, December 10, 2019 3:23 PM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Correct, I have been coordinating with Jessica when we have moves.

From: Tess House <th81@uw.edu>
Sent: Tuesday, December 10, 2019 3:05 PM
To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Yes, we are still good to do those introductions tomorrow. Can you please coordinate this with Jess?

For the 122 group, are you thinking right after treatments are done (8:30-9) or a little later? Would you like me to come down to help with it (and you can just call me when you're ready)?

Dr. H

From: cjmead2 <cjmead2@uw.edu>
Sent: Tuesday, December 10, 2019 3:03 PM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject:

Wednesday December 11th

Are we still good to intro these tow back?

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Vet Staff: BWs 122

122: Z17086 right hand rads and Z16203 cocci titer and chest rads

122: Z16053 and Z16342 cocci titer

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 12/11/2019 1:56 PM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>

Thursday December 12th

104: Z19020, Z19059, Z19069, and Z19052-cage group introduction

162: EI33 cocci titer-sedate and GR76 BW

Nursery cage change out

B Bldg:

Male introductions

302: (fast) GL14 follow-up chem and recheck extraction sites (318AB)

302: (fast) DM05 recheck extraction sites (321AB)

302: (fast) EM08 recheck extraction sites (317AB)

EI33 in 162 (L03132)**Tess House** <th81@uw.edu>

Thu 12/12/2019 12:22 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi Team,

We pulled this girl today (was down for cocci recheck) to 142 because she was down 18% from her last body weight. She was slightly dehydrated and given fluids, vitamin B complex, Cerenia, and Onsior (old wounds on back and left hip) and we pulled samples for cbc/chem/cocci. Her heart and lungs sounded normal. We will start her on NS, probiotics, and meloxicam (ultrasound was negative) tomorrow and please let us know about her fecal output tomorrow morning. If it is abnormal, we can send a swab to Idexx.

Thanks!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

Re: Cases closed

smintner <smintner@uw.edu>

Fri 5/3/2019 11:03 AM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Got it!

From: Tess House <th81@uw.edu>**Sent:** Friday, May 3, 2019 10:47 AM**To:** smintner; Schante M. Hodges; cmali; Danielle Parks; cjmead2**Subject:** Cases closed

Good morning-

The following cases have been closed: Z17157 (104), GM35 (142; diarrhea case closed but weight loss case still open), ID14 (142; diarrhea case closed but VF and weight loss cases open).

Thanks,

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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RE: VF updates from 231 Semi-annual exams**Sally Thompson-Iritani** <sti2@uw.edu>

Tue 10/8/2019 5:31 PM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

That's great news!

Sally

From: Tess House <th81@uw.edu>**Sent:** Monday, October 7, 2019 11:27 AM**To:** cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>**Subject:** VF updates from 231 Semi-annual exams

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

New VF Cases

cmali <cmali@uw.edu>

Mon 10/28/2019 11:23 AM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; aw656 <aw656@uw.edu>; Tess House <th81@uw.edu>

Hi Team,

Unfortunately we have new VF cases...

121: These cases will start fluconazole tomorrow with titer recheck in 1 month. If unable to treat in group, pull to 104.

- Z17142
- Z17150
- Z17161

103:

- Z19006 (Matty): pneumonia case. Already on fluconazole TX. Recheck titer in 1 month

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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RE: New VF cases

Tess House <th81@uw.edu>

Mon 10/28/2019 2:12 PM

To: smintner <smintner@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Thanks for the update. Keep us posted on how Z16203 does. If we need to, we will pull her. Dr. H

From: smintner <smintner@uw.edu>

Sent: Monday, October 28, 2019 2:10 PM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Subject: Re: New VF cases

I was able to treat these animals. Z16203 was a little tricky. I will try to get them outside tomorrow and see how that goes.

Thanks,
Sherri

From: Tess House <th81@uw.edu>

Sent: Monday, October 28, 2019 11:03 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Subject: New VF cases

Hi Sherri and Schante,

We have three new 122 animals that need fluconazole. They will each receive 50 mg PO SID effective today.

Please give a dose to:

- Z16053
- Z16203
- Z16342

If any of the above are too difficult to treat in group, we will need to pull them to 104 for them to learn to come up for treatments.

Thank you,
Dr. H

L01151- New VF Case, GIVE 100mg Fluconazole TODAY**cmali** <cmali@uw.edu>

Fri 11/1/2019 2:50 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>**Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM**

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501

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From: cjmead2 <cjmead2@uw.edu>**Sent:** Friday, November 1, 2019 2:40 PM**To:** cmali <cmali@uw.edu>; Tess House <th81@uw.edu>**Subject:** Cocci Results

L01151 IgG 1:2 and IgM neg

Z14331 IgG 1:16 IgM 1:2

142 Case Updates

cmali <cmali@uw.edu>

Fri 11/1/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Carl L. Trivette II <clt222@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Erika E. Evans <erikae4@uw.edu>

Cc: Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Weekend Watch:

- L01151/DJ72 (142): Audible wheeze present on inhalation. Please observe for respiratory abnormalities/difficulties/wheezing.

New TX/Cases:

- L01151/DJ71 (142): NEW VF CASE. ADD Albuterol 10ml PO BID and Fluconazole (100mg PO SID) starting FRIDAY. If there is any difficulty giving albuterol, please let the on-call vet know and we will switch to the more concentrated form
- T10118 (142): ADD Azith starting Saturday. New diarrhea repeat case opened (social partner has fluid feces)

ADD to Schedule:

- M09202 (142): 11/7 sedated PE/BCS check

Cleared to return to group:

- Z14340
- L03310
- L10095, after 11/6 (when TX complete, let vets know when returning so we can schedule weight monitoring)

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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RE: Z16342

Tess House <th81@uw.edu>

Wed 11/13/2019 12:46 PM

To: cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

The social exemption has been added for this animal.

Thanks,

Dr. H

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Tuesday, November 12, 2019 2:47 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Subject: Z16342

Hello everyone,

This animal is a new valley fever case in 122. Danielle and I were discussing, and we've both had a difficult time treating her in the group. With approval from Dr. M, we are going to pull her to 104 to get her used to coming up for treatment. Once we do, I will move her in ARMS but she will need a social exemption added.

Thanks,

Schante Hodges

Veterinary Specialist I

WaNPRC, Arizona Breeding Colony

4202 N Higley Rd.

Box 20836

Mesa, Az 85215

Shodges3@uw.edu

Saturday 11/2

Schante M. Hodges <shodges3@uw.edu>

Sat 11/2/2019 3:36 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

AA Building:

Z19069 (Betsy) - Mild bloat, fecal output normal, and taking meds well.

DJ72 - Audible breathing observed, but not showing signs of labored breathing, wheezing heard after buprenorphine injection, taking meds well.

Z17150 - AT's wrote down on obs for coughing (new valley fever case in 121)

AB Building:

During AM obs I observed a swollen mass on upper right cheek. Notified on-call vet. Rads taken - they are on the z-drive and entered into workflow. On-call vet drained abscess and swab sent to Idexx. She is now in AB302, TX added, will continue to monitor for discharge and swelling.

That's all for today.

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

Valley fever cases from 162/142/104

Tess House <th81@uw.edu>

Tue 5/7/2019 3:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hi team-

Z15258 in 162 has had one full year of negative cocci titers so I have closed his valley fever case. All other valley fever cases from 162/142/104 that had cocci titers done on 4/22 or 4/23 are either improving (Z16341, Z16283) or not yet to one full year of negative titers (Z14333).

Sherri and Danielle-please cross off his treatment for tomorrow if you have already printed off the treatment sheets.

Thank you!
Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 2/13/2019 4:01 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Meeting:

Welcome new AT Israel Harvier

Jim/Kelly- due to the kitchen power outage, security will be monitoring cameras in the Admin Office, keeping the monitors up (leave door unlocked for security)

Nursery people can use the cot in Admin Office Jim fixed the lock

Jim: out of town this Thursday 2/14 through Monday 2/18. If you need anything ordered or picked up at the store, write down in kitchen today

Kelly will out Friday Feb 15th-March 3th-contact via text if any questions

Dr M:

NYU infants shipped out arrived this morning-Vets are doing exams on them-doing well

121-134 pulled for wt loss, BW has been trending down and diarrhea

122: 341 pulled for wt loss and diarrhea

all animals start on GI support

104: 139 exam/rads yesterday, still some favoring of leg left, thickening of left stifle on medial aspect.- discussed with Seattle consult, today arthrocentesis-submit samples to Idexx, make sure no underlying factor or infection with inflammation on Tx, moved 103 for cage rest

104: 158-lameness left leg improvement

142: K11143 infant is doing good, now 0.47kg, will go back at semi-annuals

142: couple returned back to 222, HK97 altercations upon returning to group, so pulled for abrasion on left fingers and left hind toes and face, will return at semi-annuals

112: new birth doing good, will examine tomorrow newest birth

104: 141 discussion with Seattle, BMS and Management at ABC, discussion to endpoint-will notify at a later date, since not a rush. Want to be able to utilize this animal for (training, tissue distribution, discussed shipping for study or sanctuary type setting)

Transport difficult due to possibility of stress in transport and unable to treat, sanctuary so many factors with research animal involved.

Her seizure are they related to valley fever, her pregnancy, difficult to say and her future if progress and well-being in cage single housed long term, due to an enclosure chances of injury. Stopping medication or reducing, we won't know what could happen, if we aren't around to monitor, potentially death.

RE: 112 Plans: CONFIDENTIAL DRAFT

Sally Thompson-Iritani <sti2@uw.edu>

Wed 1/23/2019 10:02 PM

To: cjmead2 <cjmead2@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>**Cc:** Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>

Thank you so much Caroline - this is very helpful information and appreciate your thoroughness with this information.

Robin is going to schedule a time for us to have a follow-up phone call.

Talk to you all soon -

Sally

From: cjmead2 <cjmead2@uw.edu>**Sent:** Tuesday, January 22, 2019 5:08 PM**To:** Jim Murphy <murphyjm@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>**Cc:** Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>**Subject:** Re: 112 Plans: CONFIDENTIAL DRAFT**Sensitivity:** Confidential

AA222: Breeder Group

Started on Feed 2/2016 ended in 4/2017- dams moved and some in this group are on tablets

AA221: Breeder Group

Started on Feed 2/2016 ended in 4/2017- dams moved and some in this group are on tablets

AA231: Breeder Group

Started on Feed 3/2016 ended in 4/2017- dams moved and some in this group are on tablets

Male in this group has been testing negative each TB exam cocci titer testing rounds, on feed he became lethargic and lost weight, so reason to take group off feed and give tablets

AA242: Breeder Group

Started on Feed 3/2016 –ended 12/2018, now some on fluconazole suspension

AA181: Dam and infants moved from the breeder feed groups to sustain in another feed group, due to overcrowding (mix w/AA171 and negative results)

Started on Feed 3/2016 –ended 4/2018

AA152 and some from this group in cages in 142 on tablets: juveniles/ready to breed (started coming up positive as juveniles, then started another feed group AA171) Some are on tablets

Started on Feed 3/2016 –ended 11/2018

AA152 and some from this group in cages in 142 on tablets: juveniles/ready to breed (started coming up positive as juveniles, then started another feed group AA171) Some are on tablets

Started on Feed 3/2016 –ended 11/2018

Downstairs had been mostly juveniles left inside, per Dr Chichester to keep clean from valley fever

And A131 Breeder group left inside since negative valley fever

Hx pushing dams inside started with Dr Carrier, due to traumas at the beginning, we were pulling all pregnant dams into 142, then we became overloaded with dam/infants in cages.

Then Dr Carrier went back to letting them giving birth in enclosures and push inside when it gets closers, so we just have been following same standards

Keeping groups downstairs inside/outside only to clean started with Dr Chichester 2016 to lower number of valley fever cases. Upstairs allowed inside/outside access

Then all groups pushed in for specific weather conditions (heat/cold/wind/rain)

Thanks,
Caroline

From: Jim Murphy <murphyjm@uw.edu>
Sent: Tuesday, January 22, 2019 4:50:06 PM
To: Sally Thompson-Iritani; Kelly L. Carbone; Tess House
Cc: Rita U Bellanca; smintner; Schante M. Hodges; Charlotte E. Hotchkiss; cmali; cjmead2; Ben L Petersen; Kelly Morrisroe
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT

Typo! That should be 1/7/2016.
Jim

From: Jim Murphy
Sent: Tuesday, January 22, 2019 4:22 PM
To: 'Sally Thompson-Iritani' <sti2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>
Cc: Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT
Sensitivity: Confidential

Just responding to the question: Can someone see when we started ordering the fluconazole feed?
We received our first delivery of the fluconazole feed on 1/7/2019. We started with one group (152) and about a month later there were 4 groups on the feed. I'm not sure though, if this corresponds with when we started leaving the lower level in, except during cleaning. I think we started leaving them in when we had the HEPA filters installed on the building which was May or June of 2016.

As far as I can remember, we always brought groups with expecting mothers (within about two weeks of delivery) in at night if the weather was going to be cold or questionable. At some point early on, we also started bringing them in close to their due date regardless of weather. I'm sure there were exceptions when we were concerned about group stability and being locked into relatively close quarters.

Jim

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Thursday, January 17, 2019 9:02 PM
To: Kelly L. Carbone <kellyc29@uw.edu>; Tess House <th81@uw.edu>
Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Ben L Petersen <redeye@uw.edu>; Kelly Morrisroe <morrisro@uw.edu>
Subject: RE: 112 Plans: CONFIDENTIAL DRAFT
Sensitivity: Confidential

Hi Everyone - (this message is marked confidential due to the nature of the discussion -if others need to be included then please let me know).

I did a quick review of the data and I do think that Charlotte was correct in saying that we have not done a good job of communicating information back to ABC on necropsy findings. {Stillbirths are verified on histology if the lungs are not inflated then the fetus did not take a breath.}

Information on stillbirths:

7 stillbirths 2013
2 stillbirths 2014
7 stillbirths 2015
16 stillbirths 2016
4 stillbirths 2017
4 stillbirths 2018

Based on the mortality due to trauma listed below there were 3 in 2013, 2016, 2017 each and one in 2018 {and our recent one in 2019}.

| | | | | | | |
|--------|---------|-------------------|----------------|-----------------------------|----------|---------------------------------------|
| Z13080 | 5/30/13 | ABC Building A | AA242A- B-C | Spontaneous death, clinical | Breeding | Trauma by male in enclosure |
| Z13092 | 6/26/13 | ABC | AA122C | Spontaneous death, clinical | Breeding | Trauma, also had presumptive Shigella |

| | | Building A | | | | |
|--------|------------|----------------|------------|-----------------------------|----------|---|
| Z13094 | 7/4/13 | ABC Building A | AA122A-B-C | Spontaneous death, clinical | Breeding | found dead, mother was ill and later died on 6 July 2013. No necropsy done. |
| Z15327 | 5/2/16 | ABC Building A | AA131A-B-C | Spontaneous death, clinical | Breeding | Trauma |
| Z16265 | 8/22/16 | ABC Building A | | Spontaneous, clinical | Breeding | Neonatal death - open |
| Z16271 | 9/5/16 | ABC Building A | | Spontaneous, clinical | Breeding | Trauma |
| Z17141 | 6/15/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z17163 | 7/27/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z17185 | 8/7/2017 | ABC Building A | | Spontaneous death, clinical | Breeding | Trauma |
| Z18198 | 10/30/2018 | ABC Building A | AA241A-B-C | Spontaneous death, clinical | Breeding | Trauma |

I do not remember exactly when we started keeping the animals inside for the majority of the time - my memory says it was 2016. Can someone see when we started ordering the fluconazole feed? Interestingly there were no traumas reported in 2014 and 2015.

So - I don't know if this helps us with determining whether 24-hr outdoor access would be better than 8-hr outdoor access. I don't know if we have a correlation between outdoor access and trauma though. Some of these were in the animals on the upper level that always have outdoor access if I understand things correctly.

Thank you everyone - I appreciated our discussion today and I know that we are all trying to think about what would be best for the animals well-being. I am very grateful to have all of you thinking about this and brainstorming the best path forward.

Sally

From: Kelly L. Carbone <kellyc29@uw.edu>

Sent: Thursday, January 17, 2019 12:47 PM

To: Tess House <th81@uw.edu>

Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <hotchkki@uw.edu>; cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>

Subject: RE: 112 Plans

Dr House,

Not sure what you are asking for examples of? If you are talking about babies dropped from up high I don't have specific examples. From the beginning we had found deceased babies outside and that is when we started pushing in the groups that have babies about ready to be born. It seems like once we started pushing the groups in we have had less incidences of deaths. I have no numbers to prove this it just what I have observed during my tenure here. I'm not sure how this information is recorded in their records but I don't have specific numbers of deceased babies or who their dam was.

Kelly

From: Tess House [mailto:th81@uw.edu]

Sent: Thursday, January 17, 2019 1:36 PM

To: Kelly L. Carbone <kellyc29@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: Jim Murphy <murphyjm@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <hotchkki@uw.edu>; cmali <cmali@uw.edu>

Subject: RE: 112 Plans

Hi Kelly,

Thank you for your message, we understand and appreciate your concerns. Can you provide us with any specific examples of this? Just want more history on this.

Thank you,
Dr. House

From: Kelly L. Carbone <kellyc29@uw.edu>
Sent: Thursday, January 17, 2019 1:30 PM
To: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>
Cc: Jim Murphy <murphyjm@uw.edu>; Tess House <th81@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchkiss@uw.edu>
Subject: RE: 112 Plans

Dear All,

I just want to voice my concerns about leaving the 112 group outside at night. This group is comprised of all first time mom's and I worry that if they have their babies outside there is a higher risk of them dropping their babies from a high distance. It is standard practice for us to push even the experienced mom's in at night when it gets close to their due date to help prevent babies from being dropped from high places. I can't speak for the other AT's but I believe several of them also have the same concern.

Thank you for your time,

Kelly Carbone
AZ Animal Technician Supervisor

From: cmali [mailto:cmali@uw.edu]
Sent: Thursday, January 17, 2019 11:35 AM
To: cjmead2 <cjmead2@uw.edu>
Cc: Kelly L. Carbone <kellyc29@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Tess House <th81@uw.edu>; Rita U Bellanca <rbell@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Charlotte E. Hotchkiss <chotchkiss@uw.edu>
Subject: Re: 112 Plans

Hi Caroline,

Thanks for bringing this to our attention! Dr H and I have discussed this with Rita, as well as Drs Hotchkiss and Iritani to see how we should handle this specific case.

Consensus was that we should allow animals in 112 to have indoor/outdoor access at night (weather permitting).

From a clinical standpoint, given the recent occurrences in this enclosure, we feel the benefits of additional space outweighs the risks of falls/drops in this case.

Thanks,
Dr M

Sent from my iPhone

On Jan 17, 2019, at 8:22 AM, cjmead2 <cjmead2@uw.edu> wrote:

The other discussion, we still push them in at end of day overnight, due to new births soon-since high outside enclosure and naive dams? But still immediately give outside access first thing. We do this for the upstairs breeding groups.

From: cmali <cmali@uw.edu>
Sent: Thursday, January 17, 2019 8:15:10 AM
To: cjmead2; Kelly L. Carbone; Jim Murphy
Cc: Tess House; Rita U Bellanca; Sally Thompson-Iritani; smintner; Schante M. Hodges; Charlotte E. Hotchkiss
Subject: 112 Plans

Hello Team,

Here are the plans going forward for 112:

- when the babies slated for NYU are born, they will be pulled ASAP with the dams, infants to be separated from dams at 3 days of age.
- please make sure that animals have indoor/outdoor access. They should not be locked inside unless cleaning is happening outside or weather is noncooperative
- all other infants born into the enclosure are to remain there for the time being and we will see how it goes

Please let me know if you have any questions or concerns.

Best,
Dr M

Sent from my iPhone

Re: New VF cases

smintner <smintner@uw.edu>

Mon 10/28/2019 2:10 PM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

I was able to treat these animals. Z16203 was a little tricky. I will try to get them outside tomorrow and see how that goes.

Thanks,
Sherri

From: Tess House <th81@uw.edu>

Sent: Monday, October 28, 2019 11:03 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Subject: New VF cases

Hi Sherri and Schante,

We have three new 122 animals that need fluconazole. They will each receive 50 mg PO SID effective today.

Please give a dose to:

- Z16053
- Z16203
- Z16342

If any of the above are too difficult to treat in group, we will need to pull them to 104 for them to learn to come up for treatments.

Thank you,
Dr. H

New VF Cases

cmali <cmali@uw.edu>

Mon 10/28/2019 11:23 AM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; aw656 <aw656@uw.edu>; Tess House <th81@uw.edu>

Hi Team,

Unfortunately we have new VF cases...

121: These cases will start fluconazole tomorrow with titer recheck in 1 month. If unable to treat in group, pull to 104.

- Z17142
- Z17150
- Z17161

103:

- Z19006 (Matty): pneumonia case. Already on fluconazole TX. Recheck titer in 1 month

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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142 Case Updates

cmali <cmali@uw.edu>

Fri 11/1/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Carl L. Trivette II <clt222@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Erika E. Evans <erikae4@uw.edu>
Cc: Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Weekend Watch:

- L01151/DJ72 (142): Audible wheeze present on inhalation. Please observe for respiratory abnormalities/difficulties/wheezing.

New TX/Cases:

- L01151/DJ71 (142): NEW VF CASE. ADD Albuterol 10ml PO BID and Fluconazole (100mg PO SID) starting FRIDAY. If there is any difficulty giving albuterol, please let the on-call vet know and we will switch to the more concentrated form
- T10118 (142): ADD Azith starting Saturday. New diarrhea repeat case opened (social partner has fluid feces)

ADD to Schedule:

- M09202 (142): 11/7 sedated PE/BCS check

Cleared to return to group:

- Z14340
- L03310
- L10095, after 11/6 (when TX complete, let vets know when returning so we can schedule weight monitoring)

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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distribute or copy this e-mail. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) is prohibited.

L01151- New VF Case, GIVE 100mg Fluconazole TODAY

cmali <cmali@uw.edu>

Fri 11/1/2019 2:50 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Friday, November 1, 2019 2:40 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>

Subject: Cocci Results

L01151 IgG 1:2 and IgM neg

Z14331 IgG 1:16 IgM 1:2

RE: New VF cases**Tess House** <th81@uw.edu>

Mon 10/28/2019 2:12 PM

To: smintner <smintner@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Thanks for the update. Keep us posted on how Z16203 does. If we need to, we will pull her. Dr. H

From: smintner <smintner@uw.edu>**Sent:** Monday, October 28, 2019 2:10 PM**To:** Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** Re: New VF cases

I was able to treat these animals. Z16203 was a little tricky. I will try to get them outside tomorrow and see how that goes.

Thanks,
Sherri

From: Tess House <th81@uw.edu>**Sent:** Monday, October 28, 2019 11:03 AM**To:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** New VF cases

Hi Sherri and Schante,

We have three new 122 animals that need fluconazole. They will each receive 50 mg PO SID effective today.

Please give a dose to:

- Z16053
- Z16203
- Z16342

If any of the above are too difficult to treat in group, we will need to pull them to 104 for them to learn to come up for treatments.

Thank you,
Dr. H

New VF Cases

cmali <cmali@uw.edu>

Mon 10/28/2019 11:23 AM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; aw656 <aw656@uw.edu>; Tess House <th81@uw.edu>

Hi Team,

Unfortunately we have new VF cases...

121: These cases will start fluconazole tomorrow with titer recheck in 1 month. If unable to treat in group, pull to 104.

- Z17142
- Z17150
- Z17161

103:

- Z19006 (Matty): pneumonia case. Already on fluconazole TX. Recheck titer in 1 month

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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<http://sites.uw.edu/d2c>

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RE: VF updates from 231 Semi-annual exams

Sally Thompson-Iritani <sti2@uw.edu>

Tue 10/8/2019 5:31 PM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

That's great news!

Sally

From: Tess House <th81@uw.edu>**Sent:** Monday, October 7, 2019 11:27 AM**To:** cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>**Subject:** VF updates from 231 Semi-annual exams

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

Re: New VF case

smintner <smintner@uw.edu>

Sat 9/14/2019 3:15 PM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Thanks for the update.

Got her!

Thanks, Sherri

From: Tess House <th81@uw.edu>

Sent: Friday, September 13, 2019 2:32 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Subject: New VF case

Hi Team-

We got the cocci titers back and L03132 (EI33) was a positive on her titer. She will be starting oral fluconazole (100 mg SID) tomorrow.

Thanks!

Z14331

Tess House <th81@uw.edu>

Tue 12/31/2019 2:59 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi All-

Danielle noted that Z14331 has some occasional stertor this afternoon. She is otherwise fine-BAR, taking pm treatments well, no respiratory distress or increased effort, no coughing. She is a valley fever case and on albuterol with her fluconazole.

If she continues to sound this way tomorrow, we will fast her Thursday evening for a sedate/hands on exam and radiographs on Friday.

Thanks!

Dr. H

RE: 242 exams

Tess House <th81@uw.edu>

Tue 6/18/2019 7:35 AM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Prenatals have been added to T10174 effective today.

Thanks!

From: cjmead2 <cjmead2@uw.edu>

Sent: Tuesday, June 18, 2019 6:51 AM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Subject: Re: 242 exams

T10174 will take meds

From: Tess House <th81@uw.edu>

Sent: Monday, June 17, 2019 3:53:08 PM

To: Schante M. Hodges; cjmead2

Cc: cmali; Danielle Parks; smintner

Subject: 242 exams

Updates from today:

I've added treatments to start tomorrow on ET71 who was pulled to 142 today. I've also increased the NS for R11037 in 242 from SID to BID starting tomorrow. Since IG77 in 242 is on fluconazole, I added prenatals to her treatment plan starting tomorrow.

Body weights were entered on the juveniles that were weighed but not examined today.

I'm adding a follow up weight check for T10118 in 242 and ID14 in 231 in a couple weeks.

Social exemptions put in for ET71, FLO4 (pulled for weight loss from 131 to 142 today), and Z17256 (rectal prolapse from 111 pulled to 104 today).

For T10174 in 242-can we add prenatals? She isn't a VF case, would she come up for vitamins?

That's all I can think of for now.

Thanks,

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Friday 142 Case Updates

cmali <cmali@uw.edu>

Fri 5/24/2019 12:11 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Tess House <th81@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Jim Murphy <murphyjm@uw.edu>

Released:

- K11143/infant: cleared to return to group (242)
- A03139/ET02/infant: cleared to return to group (221)
- M06139/GM35: cleared to return to group (242)

Monitor:

- M11094: breasts engorged due to infant weaning. CTM for any signs of inflammation or mastitis
- M06139/GM35: WL case to remain open. Weight scheduled for 6/7

Cases Closed:

- K11143 (post surgical monitoring), VF case remains open
- A10181/PdR2 (trauma): need to ID location to move to until shipment to Seattle (232?)
- K01225/DL30 (ob/gyn), post surgical monitoring case remains open due to scabs at the cranial aspect of the incision
- A03139/ET02 (diarrhea)

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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Cases closed

Tess House <th81@uw.edu>

Fri 5/10/2019 2:33 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>

Here are some cases closed today:

- Z16284 closed weight loss case, diarrhea case still open (fecal pending)
- Z16283 closed weight loss case, VF case still open
- Z17157 closed weight loss case
- K10112 closed diarrhea case, VF case still open
- Z16281 closed diarrhea and weight loss cases
- Z16043 closed weight loss case, diarrhea repeat still open
- Z14145 closed diarrhea case

Thank you,

Dr H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Re: Cases closed

smintner <smintner@uw.edu>

Fri 5/3/2019 11:04 AM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Got it!

From: Tess House <th81@uw.edu>

Sent: Friday, May 3, 2019 10:47 AM

To: smintner; Schante M. Hodges; cmali; Danielle Parks; cjmead2

Subject: Cases closed

Good morning-

The following cases have been closed: Z17157 (104), GM35 (142; diarrhea case closed but weight loss case still open), ID14 (142; diarrhea case closed but VF and weight loss cases open).

Thanks,

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

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RE: Additional tx for GP45

Tess House <th81@UW.EDU>

Thu 2/28/2019 8:39 AM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Thank you for checking!

From: cjmead2 <cjmead2@uw.edu>**Sent:** Thursday, February 28, 2019 8:37 AM**To:** Tess House <th81@uw.edu>; cmali <cmali@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Subject:** Re: Additional tx for GP45

We have one open and two full.

From: Tess House <th81@uw.edu>**Sent:** Thursday, February 28, 2019 8:34:55 AM**To:** cjmead2; cmali**Cc:** Danielle Parks; Schante M. Hodges; smintner**Subject:** Additional tx for GP45

I've added Albuterol to GP45's treatments. Please give her a dose this morning (10mL).

Caroline-do we have enough albuterol to do a week for her? If not, can we order more and get it in by the time we would run out?

From: cjmead2 <cjmead2@uw.edu>**Sent:** Thursday, February 28, 2019 8:19 AM**To:** Tess House <th81@uw.edu>; cmali <cmali@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Subject:**

222:

A12262- new birth grasping and nursing (due 4/19) we should look at dam and infant tomorrow when we do the other dam/infant as well

A12262 new VF case, Hx wt loss, GI

241: GP45 Jennifer heard dry coughing this morning

142: Z14331- dam fluid feces (send PCR), infant dehydrated-will get both out for follow-up exam

Caroline

RE:

Tess House <th81@uw.edu>

Thu 2/28/2019 8:31 AM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

A12262's infant is Z19059 (L-Y). Dam has been taken off the pregnancy list.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, February 28, 2019 8:19 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>

Cc: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject:

222:

A12262- new birth grasping and nursing (due 4/19) we should look at dam and infant tomorrow when we do the other dam/infant as well

A12262 new VF case, Hx wt loss, GI

241: GP45 Jennifer heard dry coughing this morning

142: Z14331- dam fluid feces (send PCR), infant dehydrated-will get both out for follow-up exam

Caroline

Refresher on blood collection

cjmead2 <cjmead2@uw.edu>

Tue 2/5/2019 2:19 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

1. Adults for virology always collect two dark lavender
2. Juveniles for virology 2kg + you can get two dark lavender, under 2 kg or smaller one full virology dark lavender should be enough.
3. Adults/Juveniles for chem or Protatek one red top tube, if full enough we can use for both test juveniles
4. DNA- usually juveniles -they prefer two light lavender at least 0.5- 1.0mL in vials. If very small juvenile, fill one vial as full as you can, and one vial should be enough.
5. RNA-adults/juvenile is has to be equal ratio of DL buffer to blood 1.0-2.0mL in one dark lavender vial-after processing will store in -80 in blood racks
6. Adults for VF Banking one red top tube, serum will be transported into (2) cryo vials labeled for -80 in the small cryo vial box
7. Adults/Juveniles CBC one light lavender 0.5mL-all is needed, if worse comes to worse, we can run off a DNA vial or virology, so don't panic

Hand write on vials:

CBC/chem/cryo vials or protatek

Printed Labels:

Virology

DNA

RNA

or protatek

Re: Males End of Month Semi-Annuals

cjmead2 <cjmead2@uw.edu>

Mon 2/4/2019 2:42 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Add to 242 male VF banking

From: cjmead2

Sent: Monday, February 4, 2019 2:27:07 PM

To: Schante M. Hodges; smintner; Danielle Parks

Subject: Males End of Month Semi-Annuals

Here is to start

FW: Weekly Veterinary updates

Tess House <th81@uw.edu>

Sun 1/20/2019 2:51 PM

To: Carl L. Trivette II <clt222@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>; cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; Erika E. Evans <erikae4@uw.edu>; Geoff Lard <glard@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Jerry L. Adkins <adkinj@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Mack Berg <mackberg@uw.edu>; owenmcc <owenmcc@uw.edu>; Raymond Gonzales <joann63@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Simone Diaz <sdiaz4@uw.edu>

Cc: Sally Thompson-Iritani <sti2@uw.edu>

Good afternoon everyone-

I wanted to give an update on 112. Z14323 was one of the dams listed of interest to NYU for the shipment going out on February 11th. She gave birth overnight and it was noted this morning that the infant had two lacerations on the right forearm. Both dam and infant (Z19022, a female) were moved to 142 and I performed an exam on both today. There were no dislocations or fractures of the infant's right arm and she had good range of motion in the arm and is grasping well. The wounds were cleaned and antibiotics and pain relievers were given. Dam and baby are in 142, below ID14, and the infant has been observed grasping and nursing well. The infant appeared otherwise healthy on physical exam.

We have one other dam in this group that is on the NYU list, Z14367, and concerns were expressed to me this morning about her and her infant. I've discussed the situation with Caroline and Sally and we are going to move Z14367 today to 142 in the location below PDr2 to give birth in that room.

The next estimated due date for a birth in 112 is February 6th so we will allow overnight indoor/outdoor access for this group tonight. We will be evaluating the group daily and as the situation develops, it will involve ongoing discussions between husbandry, veterinary services, BMS, and Seattle. Please do not hesitate to reach out me via email or the phone if you have questions before we have our staff meeting on Wednesday. I will be in the colony tomorrow to catch up on some things since it is a normal workday for my daycare so-for those of you in tomorrow-I can talk with you then as well if you'd prefer an in-person.

Special thanks to those working today-Schante, Simone, Mack, Carl, and Erika-for your help with everything and Caroline, Kelly, and Jim for being available today to talk over the phone.

Best,
Dr. House

From: cmali <cmali@uw.edu>

Sent: Thursday, January 17, 2019 6:25 PM

To: Tess House <th81@uw.edu>; Danielle Parks <dp546@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>; Geoff Lard <glard@uw.edu>; Carl L. Trivette II <clt222@uw.edu>; cjmead2 <cjmead2@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Erika E. Evans <erikae4@uw.edu>; Mack Berg <mackberg@uw.edu>; Raymond Gonzales <joann63@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; smintner <smintner@uw.edu>; owenmcc <owenmcc@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Simone Diaz <sdiaz4@uw.edu>; Jerry L. Adkins <adkinj@uw.edu>

Subject: Re: Weekly Veterinary updates

Hi all,

Quick update and change of plans for 112...

after further discussion with behavior, veterinary, and husbandry personnel we will keep 112 animals inside overnight and let them have outdoor access for as long as possible during the day. This change is a balance between concerns of animals dropping babies from heights and giving the animals more space. This plan may change again depending on clinical outcomes from upcoming births and after review of necropsy records of previous infant deaths to determine risks.

Kelly will update husbandry staff regarding timing of cleaning the outdoor 112 enclosure.

Please let us know if you have any questions or concerns.

Best,
Dr m

Sent from my iPhone

On Jan 17, 2019, at 1:03 PM, Tess House <th81@uw.edu> wrote:

Hello Team,

Here are the clinical updates for the past week: It's been a busy one!

- Z14141: had a c-section last week Thursday to prevent seizures occurring during the normal birth process. Surgery went well and the incision has been healing well. Gave birth to a healthy baby boy (Z19006, 580g). Dam introductions the next day did not go as well as we had hoped and the infant was put back in the nursery for care. Vet techs has resumed TX for seizure medications.
- Z19005 (dam Z14320) on 1/10. This infant was slated for NYU but was found dead on 1/12 in the enclosure. Histopathology is pending.
- Z14320: fostered Z19006 onto dam on 1/14. Introduction went well and infant remains on dam.
- Z19002 (dam L08020) was pulled on 1/14 into the nursery and is destined for NYU.
- PdR2: on 1/10 this animal was report for a wound on her right thigh. The wound was an upward facing triangular skin flap (~4in sides to triangle). The wound was cleaned and sutured shut. Due to the direction of the skin injuries, blood flow was disrupted to the skin flap, causing it to necrose and shrivel. The wound is being managed as an open wound, allowing for healing by second intention (allowing the body to heal on its own). The bottom half of the skin flap remains in place and is healing.
- Z16358: this animal has pneumonia, likely from a secondary bacterial infection (also has VF). This animal continues to cough despite TX and repeat chest xrays are being taken tomorrow. Changes to the TX plan may occur depending on the results and further consult with Seattle.
- Z17072: pulled from 121 for weight loss. Exam is pending.
- K11143: pulled with infant from 242 on 1/15 for uterine infection. Culture is pending. She is being treated for infection.

Other updates:

- GREAT job on Wednesday with all the site preparations and tours!!! The facility looked AMAZING and many compliments were received about the facility and animals. We REALLY APPRECIATE all the effort and hard work that went into making Wednesday happen!!
- NYU infant ship date is Monday, Feb 11
- 112 enclosure will have indoor/outdoor access day and night (weather permitting) the give the animals more space as we approach the due dates for these naïve dams
- There are 2 more dams in 112 whose infants are slated for NYU. When the dams give birth, they will be pulled with the infants ASAP. All other dams in the enclosure will be allowed to give birth as normal.
- Dr M is out of the office from 1/18 and will be back on 1/24

Please let us know if you have any questions or concerns,

Best,

Drs H and M

Z16342

Schante M. Hodges <shodges3@uw.edu>

Tue 11/12/2019 2:46 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Hello everyone,

This animal is a new valley fever case in 122. Danielle and I were discussing, and we've both had a difficult time treating her in the group. With approval from Dr. M, we are going to pull her to 104 to get her used to coming up for treatment. Once we do, I will move her in ARMS but she will need a social exemption added.

Thanks,

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

Re: Weights

cmali <cmali@uw.edu>

Fri 1/11/2019 12:29 PM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: Tess House <th81@uw.edu>

yes, she has VF. she is the social partner for 358

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Friday, January 11, 2019 12:24:14 PM

To: cmali; smintner; Schante M. Hodges

Cc: Tess House

Subject: Re: Weights

341, is that other VF.

Sounds good

From: cmali <cmali@uw.edu>

Sent: Friday, January 11, 2019 12:22:49 PM

To: cjmead2; smintner; Schante M. Hodges

Cc: Tess House

Subject: Re: Weights

104: let's keep an eye on Z16341. Her weight dropped about 10%. But there were just major changes to her group this week... I'm adding NS to start tomorrow to help tide her over

Keep Gp26 on the weight monitoring list.

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>
Sent: Friday, January 11, 2019 11:51 AM
To: cmali; smintner
Subject: Re: Weights

Sherri entered weights for 104 and GP26 in 212

From: cmali <cmali@uw.edu>
Sent: Friday, January 11, 2019 11:44:05 AM
To: smintner
Cc: cjmead2
Subject: Re: Weights

thanks sherri! All weights look good!

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: smintner <smintner@uw.edu>
Sent: Friday, January 11, 2019 11:06:38 AM
To: cmali

Cc: cjmead2

Subject: Weights

Weights for 142 are entered. Onto weigh 104

Thanks,
Sherri

Weekend Cases to Watch

cmali <cmali@uw.edu>

Fri 1/4/2019 10:37 AM

To: Tess House <th81@uw.edu>; smintner <smintner@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

242:

- ET40: swelling of L eye. Monitor and report to on call vet daily.

104:

- Z16358: pneumonia/VF. Started on ABX today (also on fluconazole, albuterol, pred, fiber bites, probiotics, multivitamin). Placed TB test in L eyelid today. Check daily.

- Z17001 and Z17193: today was day 3 of fluid feces. Started on GI support yesterday (pepto, banatrol, fiber bites, probiotics). Awaiting final fecal culture results. Was trying to keep off ABX but may need if fluid feces continues over weekend.

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

PO Box 20836

Mesa, AZ 85277

Ph: 206.616.0501

F09071 cocci

Schante M. Hodges <shodges3@uw.edu>

Mon 12/16/2019 11:17 AM

To: cjmead2 <cjmead2@uw.edu>

 1 attachments (7 MB)

F09071protatek.pdf;

Attached is the protatek submission for F09071 on 12/16

Schante



PROTATEK REFERENCE LABORATORY
540 WEST IRON AVENUE • SUITE 106 • MESA, AZ 85210
TEL: (480) 545-8499 • FAX: (480) 545-8409

PROTATEK
INTERNATIONAL, INC.

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PRL Reference # _____

Account Code UWPCAZ

Clinic Name WaNPRC-ABC

Address PO Box 208336
Mesa, AZ 85215

Phone 206-685-6031

Fax N/A

Email Address th81@uw.edu & cjmead2@uw.edu

Veterinarian Dr. House

Billing Info (if different)

Name _____

Address _____

Phone _____

Fax _____

Owner WaNPRC Animal's Name / ID See Attached

Species Macaca nemestrina Breed Pig Tailed Macaque Sex See Attached Age See Attached

Collection Date 12 / 16 / 2019

Clinical History / DD

ANALYSIS REQUESTED (circle)

SEROLOGY

Rickettsia

1. Ehrlichia canis (sst)
2. Feline Ehrlichia (E. canis + N. risticii) (sst)
3. Neorickettsia risticii (E. risticii) (sst)
4. Anaplasma phagocytophilum (E. equi) (sst)
5. Ehrlichia sennetsu (sst)
6. Rickettsia rickettsii (RMSF) (sst)
7. Chlamydia (sst)
8. Bartonella henselae (sst)

Viral

9. Canine parvovirus (IgM / IgG) (sst)
10. Canine distemper (IgM / IgG) (sst)
11. Canine distemper smears (DFA) (sl)
12. Feline leukemia (ELISA) (sst)
13. Feline leukemia (IFA) (lft)
14. Feline infectious peritonitis (FIP) (sst)
15. Feline immunodeficiency syndrome (FIV) (sst)
16. Feline rhinotracheitis (sst)
17. Feline panleukopenia (sst)
18. Equine rhinopneumonitis (sst)

Bacterial

19. Borrelia burgdorferi (Lyme) (IFA) (sst)
20. Lyme Multiplex assay (sst)
21. Brucella canis (IFA) (sst)
22. Brucella canis (EXPORT) (sst)
23. Leptospira (6 serovars) (sst)

Protozoan

24. Babesia canis (sst)
25. Babesia gibsoni (sst)
26. Babesia caballi (equine) (sst)
27. Babesia bigemina (bovine) (sst)
28. Toxoplasma gondii (IgM / IgG) (sst)

29. Neospora caninum (IgM / IgG) (sst)
30. Leishmania infantum (chagasi) (sst)

Fungal

31. Coccidioidomycosis (Cocci, Valley Fever) (sst)
32. Blastomycosis (sst)
33. Histoplasmosis (sst)
34. Aspergillosis (sst)
35. Cryptococcus antigen (sst)

Helminthic

36. Heartworm antigen (ELISA) (sst)
- 37a. Knott's microfilaria test (lft)
- 37b. D. immitis microfilaria filtration test (lft)

Hormonal/Autoimmune

38. Progesterone assay (sst)
39. Canine rheumatoid factor (sst)
40. Coomb's test (direct) (lft)
41. Antinuclear antibodies (ANA) (sst)

Microscopic Identification

42. Mycoplasma haemocanis (lft)
(Haemobartonella canis)
43. Mycoplasma haemofelis (lft)
(Haemobartonella felis)
44. Babesia spp. (sl, lft)
45. Trypanosoma spp. (sl, lft)
46. Brucella canis (sl, lft)

DISEASE PANELS

47. TICK-BORNE DISEASE PANEL
E. canis, B. canis, RMSF, Lyme (sst)
48. EHRlichia – FUNGAL PANEL
Ehrlichia canis, Coccidioides (sst)
49. FUNGAL PANEL
Cocci, Blasto, Histo (sst)
50. CANINE HEMOLYTIC ANEMIA PANEL
Babesia canis (sst), Coomb's test (lft)
51. FELINE DISEASE PANEL
E. canis, N. risticii, FeLV, FIP, Toxo (sst)

52. CANINE EXPORT PROFILE I
B. gibsoni (IFA) (sst), Babesia spp. (sl)
53. CANINE EXPORT PROFILE II
E. canis, Leishmania, Lepto, Brucella canis
(agglutination) (sst)

ANTI-FUNGAL DRUG LEVELS

54. Fluconazole (sst)
55. Ketoconazole (sst)
56. Itraconazole (sst)
57. Voriconazole (sst)

HEALTH PROFILES AND PANELS

58. CBC (lft)
22 parameters with 5-part differential
59. Chemistry Profile 14 (sst): ALT, ALB, ALP, AMY, CA, PHOS, CRE, GLOB, GLU, K+, NA+, TBIL, TP, BUN
60. T4/ Cholesterol (sst)
61. Chemistry Profile 14 + CBC (sst, lft)
62. Chemistry Profile 14 + CBC + T4 / Cholesterol (sst, lft)
63. Ehrlichia canis + Chem Profile 14 + CBC (sst, lft)
64. Coccidioides + Chem Profile 14 + CBC (sst, lft)
65. E. canis + Cocci + Chem Profile 14 + CBC (sst, lft)
66. Tick-borne Disease Panel + T4 / Cholesterol (sst)
67. Tick-borne Disease Panel + Chem Profile 14 + CBC (sst, lft)

PCR PANELS (submit 1ml whole blood in lft)

68. Ehrlichia / Anaplasma / Neorickettsia (lft)
69. Rickettsia (lft)
70. Bartonella (lft)
71. Hemoplasma (Hemobartonella) (lft)
72. Babesia (lft)

OTHER TESTS: _____

sst = serum separator tube • lft = lavender top tube • sl = slides (unstained)

| | Animal ID | Alias | Sex | Age | Collection Date | Clinical History |
|----|-----------|-------|-----|------------|-----------------|----------------------------|
| 1 | F09071 | | F | 10 yr 6 mo | 12/16/2019 | 9/16/2019 IgG/IgM negative |
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RE: Z19006 cocci

cjmead2 <cjmead2@uw.edu>

Thu 11/14/2019 3:24 PM

To: Schante M. Hodges <shodges3@uw.edu>

Thank you for getting this extra stuff done on your busy day.

From: cjmead2

Sent: Thursday, November 14, 2019 1:07 PM

To: 'Schante M. Hodges' <shodges3@uw.edu>

Subject: RE: Z19006 cocci

Wow she was light.

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Thursday, November 14, 2019 1:04 PM

To: cjmead2 <cjmead2@uw.edu>

Subject: Re: Z19006 cocci

No I packed DI60 and the tumor in the same box

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, November 14, 2019 2:01 PM

To: Schante M. Hodges <shodges3@uw.edu>

Subject: RE: Z19006 cocci

Thank you, that tissue you packed was just the tumor?

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Thursday, November 14, 2019 10:09 AM

To: cjmead2 <cjmead2@uw.edu>

Subject: Z19006 cocci

Re: 12/16 bloodwork

Schante M. Hodges <shodges3@uw.edu>

Tue 12/17/2019 6:55 AM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

No it was sent off for a cocci titer

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

From: cmali <cmali@uw.edu>

Sent: Tuesday, December 17, 2019 6:52:41 AM

To: Schante M. Hodges <shodges3@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Subject: Re: 12/16 bloodwork

Do we still have the sample? I'd like to see if we can get a creatinine value.

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Schante M. Hodges <shodges3@uw.edu>

Sent: Monday, December 16, 2019 3:32 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Subject: 12/16 bloodwork

Hello,

The cbc/chem for F09071 is now showing in panels reports. The TP did not read. Using the refractometer I got 8.0. A sample was also sent to protatek for a cocci titer.

Let me know if you have any questions. Thanks!

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

Saturday 11/2

Schante M. Hodges <shodges3@uw.edu>

Sat 11/2/2019 3:35 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

AA Building:

Z19069 (Betsy) - Mild bloat, fecal output normal, and taking meds well.

DJ72 - Audible breathing observed, but not showing signs of labored breathing, wheezing heard after buprenorphine injection, taking meds well.

Z17150 - AT's wrote down on obs for coughing (new valley fever case in 121)

AB Building:

During AM obs I observed a swollen mass on upper right cheek. Notified on-call vet. Rads taken - they are on the z-drive and entered into workflow. On-call vet drained abscess and swab sent to Idexx. She is now in AB302, TX added, will continue to monitor for discharge and swelling.

That's all for today.

Schante Hodges
Veterinary Specialist I
WaNPRC, Arizona Breeding Colony
4202 N Higley Rd.
Box 20836
Mesa, Az 85215
Shodges3@uw.edu

EI33 in 162 (L03132)**Tess House <th81@uw.edu>**

Thu 12/12/2019 12:22 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Hi Team,

We pulled this girl today (was down for cocci recheck) to 142 because she was down 18% from her last body weight. She was slightly dehydrated and given fluids, vitamin B complex, Cerenia, and Onsior (old wounds on back and left hip) and we pulled samples for cbc/chem/cocci. Her heart and lungs sounded normal. We will start her on NS, probiotics, and meloxicam (ultrasound was negative) tomorrow and please let us know about her fecal output tomorrow morning. If it is abnormal, we can send a swab to Idexx.

Thanks!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 12/11/2019 1:56 PM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>

Thursday December 12th

104: Z19020, Z19059, Z19069, and Z19052-cage group introduction

162: EI33 cocci titer-sedate and GR76 BW

Nursery cage change out

B Bldg:

Male introductions

302: (fast) GL14 follow-up chem and recheck extraction sites (318AB)

302: (fast) DM05 recheck extraction sites (321AB)

302: (fast) EM08 recheck extraction sites (317AB)

Re: RE:

cmali <cmali@uw.edu>

Wed 12/11/2019 10:53 AM

To: Jessica Toscano <jesst393@uw.edu>; Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Rita U Bellanca <rbell@uw.edu>

social exemptions have been removed

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Jessica Toscano <jesst393@uw.edu>

Sent: Wednesday, December 11, 2019 10:11 AM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Rita U Bellanca <rbell@uw.edu>

Subject: RE:

Hi Group,

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Both animals were returned their respective groups without incident.

Thanks,
Jessica

From: Tess House <th81@uw.edu>

Sent: Tuesday, December 10, 2019 3:41 PM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Great, thank you so much! I'm still learning Jess' meeting schedule/availability.

From: cjmead2 <cjmead2@uw.edu>
Sent: Tuesday, December 10, 2019 3:23 PM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Correct, I have been coordinating with Jessica when we have moves.

From: Tess House <th81@uw.edu>
Sent: Tuesday, December 10, 2019 3:05 PM
To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject: RE:

Yes, we are still good to do those introductions tomorrow. Can you please coordinate this with Jess?

For the 122 group, are you thinking right after treatments are done (8:30-9) or a little later? Would you like me to come down to help with it (and you can just call me when you're ready)?

Dr. H

From: cjmead2 <cjmead2@uw.edu>
Sent: Tuesday, December 10, 2019 3:03 PM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Jessica Toscano <jesst393@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>
Subject:

Wednesday December 11th

Are we still good to intro these tow back?

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Vet Staff: BWs 122

122: Z17086 right hand rads and Z16203 cocci titer and chest rads

122: Z16053 and Z16342 cocci titer

RE:

cjmead2 <cjmead2@uw.edu>

Mon 12/9/2019 6:31 AM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

253 start 4 hrs feeding schedule, so he can be on normal schedule

From: cjmead2

Sent: Sunday, December 8, 2019 12:56 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject:

Make sign for M09202 for biscuit count and EE by Vet Staff only (separate)

Caroline Off Friday

Schante Ship Tissue

104: Z17162 biofire

Mon/Tues Danielle B Bldg and 212/131 ultrasounds, if in B Bldg follow-up Schante can assist when available

Schante can bring T10118/T10174 upstairs 232 "c"

Nursery:

"253" train self-feeder and gruel mix, check if temp steady move to cage maybe

"221" cage, still might need warming blanket at night with cool night-time, depending if her temp stays stable, give soaked/dry biscuits

"201" same give soaked/dry biscuits, now on rubber sipper, BW daily 40 % dilution

Socialization w/221/201

104:006 & 178 EE, no water bottle, stuff toy might, will take away next week, BWs on Friday

Rm 104: humidifier on all day/night

Monday December 9th

Kelly 104: group house if we have connecting cages at top (or move Z18043, and Z17175 is returning to group) Z19020 and Z19059 pair w/Z19069 and Z19052- (they are same size as Z18199 in 152) so they get ready for 152 since couple more will move out.

B Bldg:

Z14138-rads (fast)

152: Z17175 BW

142: T10118/T10174 return to 232 confirm w/Vets-fecal results negative

212(6)/131(7) Quarterly Ultrasounds

131:

GR30/ L09006 recheck chem

Male/L09006/DJ72 cocci titers

Male/DJ72 chest rads

ATs separate 131 male into "C", dams lock inside A

Male will be sedated with dams as well

Start time 8AM (fast) groups 212/131

Start upstairs 1st (single trapping run, 2 squeeze cages, 2 recovery cages, couple white boxes)

Downstairs 2nd (single trapping run, 2 squeeze cages, 2 recovery cages, couple white boxes)

Vet Staff 241: separate male into "C" for overnight

RE: this morning

cjmead2 <cjmead2@uw.edu>

Sun 12/8/2019 1:58 PM

To: smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Good dealio, thanks Sherri

From: smintner <smintner@uw.edu>

Sent: Sunday, December 8, 2019 1:13 PM

To: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Subject: Re: this morning

I'll do the paperwork and have them ready in the fridge.

Thanks,
Sherri

From: cjmead2 <cjmead2@uw.edu>

Sent: Sunday, December 8, 2019 11:38 AM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject: FW: this morning

Do we still need to send out cocci on Monday, did paperwork get filled out?

From: smintner <smintner@uw.edu>

Sent: Friday, December 6, 2019 1:40 PM

To: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; aw656 <aw656@uw.edu>

Subject: this morning

Hello

All weights for 104 and 121, case weights for 142, and Z14066 (171) have been done and entered.

Blood was drawn for cocci titers on Z17142, Z17150, and Z16161.

Also Z18178 from 104 was introduced into 121 without incident. Social exemption can be removed.

Thanks,
Sherri

Week of December 9th

cjmead2 <cjmead2@uw.edu>

Thu 12/5/2019 9:59 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Monday December 9th

152: Z17175 BW

Kelly 104: group house if we have connecting cages at top (or move Z18043, and Z17175 is returning to group)
Z19020 and Z19059 pair w/Z19069 and Z19052- (they are same size as Z18199 in 152) so they get ready for
152 since couple more will move out

142: T10118/T10174 follow-up fecal check if cleared to return to 232

212(6)/131(7) Quarterly Ultrasounds

131:

GR30/ L09006 recheck chem

Male/L09006/DJ72 cocci titers

Male/DJ72 chest rads

ATs separate 131 male into "C", dams lock inside A

Male will be sedated with dams as well

Start time 8AM (fast) groups 212/131

Start upstairs 1st and downstairs 2nd

241: separate male into "C"

Tuesday December 10th

231(10)/241(9) Quarterly Ultrasounds

ATs separate both males outside, dams lock inside (241male hopefully separated and can put in group
six temporarily)

Start time 8AM (fast) groups 231/241

231:

Recheck chem-S11069 and A10193

241: 2 old enough to wean to 121

Wednesday December 11th

B Bldg:

302: Z17317 intro back 311AB

302: A07104 intro back 312CD

Vet Staff: BWs 122

122: Z17086 right hand rads and Z16203 cocci titer and chest rads

122: Z16053 and Z16342 cocci titer

Thursday December 12th

162: EI33 cocci titer-sedate and GR76 BW

B Bldg: males will intro back to groups as well this day

302: (fast) GL14 follow-up chem and recheck extraction sites (318AB)

302: (fast) DM05 recheck extraction sites (321AB)

302: (fast) EM08 recheck extraction sites (317AB)

Friday December 13th

104: case BWs

142: case BWs

104: (fast) Z18043 rads w/o cast

B Bldg.: 302 case BWs

Week of December 2nd

cjmead2 <cjmead2@uw.edu>

Sat 11/30/2019 12:52 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday December 2nd

142: T10118/T10174 follow-up fecal swab-mixed feces

B Bldg:

302: Z14244-check w/Vets first before return to group 317CD

320C: A09109 (fast) sedate for eye exam, then can return to group if cleared by Vet (319AB)

302: Z13247 intro back to 319AB

302: Z12353- (fast) suture removal, check if cleared to return Wednesday (319AB)

302: F02420 intro into 319CD

Items needed B Bldg:

Group six (chains), jerry ramp, 2 squeeze cages, 5 white catch boxes

Tuesday December 3rd

142: FL04- pending fecal and BW, clearance return to 131

142: Z14331/infant pending fecal/BW and clearance to return to 112, check with Vets first

222(10)/232(9) Quarterly Ultrasounds

ATs separate both males outside, dams lock inside

Start time 8AM (fast) groups 222/232

Items needed:

Jerry ramp, 2 squeeze cages, 5 recovery cages

Wednesday December 4th

ATs: BWs 121 (subject to change w/ATs schedule)

121: cocci titers: Z17142, Z17150, Z16161

104: Z18178 cleared to intro into 121

Thursday December 5th

142: M09202 (fast) exam/BW

111: f/u BW Z17250

152: Vet Tech BWs

104: Z17175 f/u chem intro back 152, pending fecal and BW clearance, check w/Vets first

Friday December 6th

104: case BWs (all BWs, non-case as well)

142: case BWs

171: BWs Z14066 & Z14320

B Bldg.: 302 case BWs

Z19039

Schante M. Hodges <shodges3@uw.edu>

Wed 11/27/2019 1:22 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>

Hello,

Bloodwork that was done today has been transferred. The CBC is showing in panels reports, but the chemistry isn't yet. It will be by EOD. Cocci titer and fecal swab sent out as well.

Thanks,

Schante and Sherri

RE: Z19039**Tess House** <th81@uw.edu>

Tue 11/26/2019 2:08 PM

To: Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Let's send out a fecal swab on her tomorrow. Thanks for the update Danielle!

From: Danielle Parks <dp546@uw.edu>**Sent:** Tuesday, November 26, 2019 2:05 PM**To:** Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** Re: Z19039

Fecal output in PM was fluid- only a small amount of fecal output.

Danielle

From: Tess House <th81@uw.edu>**Sent:** Tuesday, November 26, 2019 10:12 AM**To:** cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>**Cc:** cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>**Subject:** Z19039

Hi Team,

We're pulling Z19039 for weight loss from 112 to 104 and will sedate for an exam tomorrow and cocci titer. I've started her on NS BID. Please empty her pan in case we want to grab a swab tomorrow morning.

I've also added Meloxicam for the dam (Z13067) 0.59 mL PO SID starting today.

Thank you!

Dr. H

Theresa (Tess) House, DVM MPH

Supervisory Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

Office phone 206.685.1842

Mailing address- P.O. Box 20836/Mesa, AZ 85277

RE:

Tess House <th81@uw.edu>

Mon 10/28/2019 11:12 AM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Z16053 is one of the new valley fever cases.

ET63 is on banatrol and fiber bites BID. We'll postpone returning to the group, may need to open a diarrhea case on her Wednesday if she continues to have diarrhea and start her on azith.

The other 2 in 142 are on treatment.

Thanks for the updates!

From: cjmead2 <cjmead2@uw.edu>

Sent: Monday, October 28, 2019 11:03 AM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject:

122: out on deck and I saw Z16053 dry coughing

142: ET63 day fluid feces

231: notified by ATs this AM blood inside and outside enclosure, it is not from heavy menses. A03194/ET57 abort, some blood around vaginal area that she was cleaning and on hands.

142: Z14331 mounding feces

142: L10095 formed/soft feces

RE: Z19006 cocci

cjmead2 <cjmead2@uw.edu>

Thu 11/14/2019 3:24 PM

To: Schante M. Hodges <shodges3@uw.edu>

Thank you for getting this extra stuff done on your busy day.

From: cjmead2

Sent: Thursday, November 14, 2019 1:07 PM

To: 'Schante M. Hodges' <shodges3@uw.edu>

Subject: RE: Z19006 cocci

Wow she was light.

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Thursday, November 14, 2019 1:04 PM

To: cjmead2 <cjmead2@uw.edu>

Subject: Re: Z19006 cocci

No I packed DI60 and the tumor in the same box

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, November 14, 2019 2:01 PM

To: Schante M. Hodges <shodges3@uw.edu>

Subject: RE: Z19006 cocci

Thank you, that tissue you packed was just the tumor?

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Thursday, November 14, 2019 10:09 AM

To: cjmead2 <cjmead2@uw.edu>

Subject: Z19006 cocci

(No subject)

cjmead2 <cjmead2@uw.edu>

Wed 11/13/2019 12:59 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; cmali <cmali@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Thursday November 14th

Ship tissue to Seattle

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302: Z14298 (fast) suture removal

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover) 9AM
contact Chris -fork lift and strap down

Move 162 (males) up in "Cs" with moves and block off "B"

All animas moved must get BWs

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171 just A, B blocked off

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

Re: J01126

cmali <cmali@uw.edu>

Sun 11/10/2019 3:02 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Cc: aw656 <aw656@uw.edu>; cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>

Added 1/2 bottle ensure PO BID to TX plan starting tomorrow

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: smintner <smintner@uw.edu>

Sent: Sunday, November 10, 2019 2:30 PM

To: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re: J01126

Her sample is double bagged and on top of the other blood samples in the fridge.

Thanks,
Sherri

From: cmali <cmali@uw.edu>

Sent: Saturday, November 9, 2019 1:52 PM

To: cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: J01126

3/16/2020

Mail - Schante M. Hodges - Outlook

Please submit for cocci tighter on Tuesday. Please let me know the biscuit count each day for her. Thank you

Sent from my iPhone

Week of November 11th

cjmead2 <cjmead2@uw.edu>

Fri 11/8/2019 2:33 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>

Monday November 11th

Holiday

Dr M on-call, Dr Fuller ½ day

104: Z16283 (fast) suture removal

103: Z19178 suture removal

104: Z18043- (fast) rads

Tuesday November 12th

Ship DNA samples

B Bldg: Caroline

Separate 317AB EM80 for TB exam Tuesday or Wednesday, if possible (group six)

Separate 312CD K04362 into single cage in 302

B Bldg:

Group 6's or baboon cages Kelly to check for new male breeder arrivals

302 Cage-set for K04362

Shipment 3 arrival (86)

Wednesday November 13th

142: Z14331 follow-up fecal swab

104: Z16281 pending fecal/clearance intro back 122

104: Z17175 (fast) F/U chem

152: Z17253 (fast) F/U chem

104: Z16283 intro back to 122

B Bldg:

312CD K04362 into single cage (fast) Sx Rm

Catch box, golf cart transport

ATs-121 BWs

Items needed downstairs: Jerry ramp/2 squeeze cages, 2 white catch boxes

Thursday November 14th

103: Z19006 rads & follow-up cocci titer

B Bldg:

AB302-GL14 (male) fast upper K-9s extractions, Sx Rm, transport golf cart, in single trapping run (cover)

Move 162 (males) up in "Cs" with moves and block off "B"

162: males moves

| | | | |
|-------|-----------------|--|-----------------|
| Males | Z14007-(171) #1 | | Z14055-(162) #2 |
|-------|-----------------|--|-----------------|

162C: Move over to 171A/B

| | |
|------|--------|
| 162C | Z14320 |
| 162C | Z14066 |

Leave group locked inside to move (need all catch boxes and cart)

Moves:

| Loc | Dam new breeder Grp 162 |
|-----|-------------------------|
| 221 | A10094 |
| 221 | L06233 |
| 221 | L06254 |
| 221 | L10136 |
| 221 | R10151 |
| 181 | L03132 |
| 181 | Z11327 |
| 221 | Z12029 |
| 142 | L10095 |

Nursery cage change out

Friday November 15th

104: case BWs

142: case BWs

212: Z14130 BW

B Bldg.: 302 case BWs

Leave group locked inside to move (need all catch boxes and cart)

Moves

| Loc | Dam new breeder Grp 171 |
|------|-------------------------|
| 162C | Z14320 |
| 162C | Z14066 |
| 112 | A10228 |
| 112 | A10038 |
| 112 | Z13082 |
| 112 | L06215 |
| 112 | M11094 |
| 112 | K06271 |
| 112 | K10112 |

L01151- New VF Case, GIVE 100mg Fluconazole TODAY

cmali <cmali@uw.edu>

Fri 11/1/2019 2:50 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

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Ph: 206.616.0501



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From: cjmead2 <cjmead2@uw.edu>

Sent: Friday, November 1, 2019 2:40 PM

To: cmali <cmali@uw.edu>; Tess House <th81@uw.edu>

Subject: Cocci Results

L01151 IgG 1:2 and IgM neg

Z14331 IgG 1:16 IgM 1:2

Week of October 28th

cjmead2 <cjmead2@uw.edu>

Thu 10/24/2019 9:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject to change

Monday October 28th

10 TB Exams and 4 chest tattoos-

162: (2) male sedations lock inside by 630am (fast)

142: Z15079 (fast) TB Exam & rads

142: T10118 (fast) U/S

104: Z19020, Z19059, Z19052, Z19069, Z16358-rads, Z17053 and Z18116 (fast) TB Exam

Tuesday October 29th

(92) New Arrivals AB Building

11 TB Exams and 3 chest tattoos

ATs jump 152 out and put in 141 cages- they will recovery in 152 (fast)

Wednesday October 30th

142: Z14331 (fast) F/U cocci titer/ Exam and infant ear tattoo & chest tattoo

142: Z14340 infant Exam (fast)

142: Z16076 (fast) suture removal

142: T10118 & T140174 clearance to return to 232, check with Vets first

104: fecal swabs clearance to return to groups 116 (152), 158 (121), 196 (121)

104: Z16004 cleared to return to 122

ATs-122 BWs

Thursday October 31st

222: HK97- new birth exam

241: GR11 New birth exam

241: GP45 follow-up CBC

Friday November 1st

221: R10113 & CV61 BWs

112: M11094, Z14257, Z13082 Follow-up BWs

104: Z15386 (fast) suture removal, if still present

104: case BWs

142: case BWs

Wed/Thurs

cjmead2 <cjmead2@uw.edu>

Thu 10/24/2019 4:52 PM

To: Schante M. Hodges <shodges3@uw.edu>

104: Z18043 (cast)Wednesday hand swollen, Thursday hand swollen and red, both days sedated for exam

104: Z15386 LH D2 D3 finger amputation (9) sutures Wednesday, Thursday hand moderate swelling

142: Z14331, Z15079, M09202 day 2 mounding feces

142: L10095 yesterday mounding feces, today day 1 fluid feces, collected a biofire

142: T10118 and T10174 day 1 fluid feces

New Tx 142

241: GR11- new birth

104: Z16076 2 sutures remain

103: Z19006 rads and bloodwork, cocci titer

104: Z16004 Wednesday cbc/chem

104: Z17134 intro back 121 and Z17175 intro back 152

New Tx in new building

And late this evening pulled dam/infant in portable cage room, due to altercation in breeder group AB317A-B, infant Z19079 facial trauma, rads and sutures

Tx sheet we keep in A building for now till we get a scanner and computer working in B building

RE: VF updates from 231 Semi-annual exams

Sally Thompson-Iritani <sti2@uw.edu>

Tue 10/8/2019 5:31 PM

To: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>

That's great news!

Sally

From: Tess House <th81@uw.edu>**Sent:** Monday, October 7, 2019 11:27 AM**To:** cjmead2 <cjmead2@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>**Cc:** cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>**Subject:** VF updates from 231 Semi-annual exams

Hi Team,

I just checked the cocci titer results on 231 and we have three animals that have reached a full year of negative cocci titers! We will be discontinuing oral fluconazole on ID14, ET57, and S10185 effective tomorrow.

Thank you,

Dr. H

RE: 9/26/19

cjmead2 <cjmead2@uw.edu>

Thu 9/26/2019 4:10 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Thanks Sherri for holding down the fort-good job..

From: smintner <smintner@uw.edu>

Sent: Thursday, September 26, 2019 3:17 PM

To: Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>; cjmead2 <cjmead2@uw.edu>

Subject: 9/26/19

Good afternoon

The ATs wrote down and told Dr. M about Z19006 (Z14320's infant from 162C) coughing, saying it was pretty bad today. He was sedated for an exam and xrays, and given fluids. Dr. M wanted a cocci titer, CBC/Chem, but when I tried to draw the blood, the vein blew. She couldn't get the blood either. She didn't say much about the xrays, she didn't seem to find anything significant. The animal has been weaned to 104 to observe and start tx. I did hear him coughing several times when I was in the room.

142-ET02--no fecal output, so I did not send a biofire.

Nothing else new to report.

Thanks,
Sherri

Re: New VF case

smintner <smintner@uw.edu>

Sat 9/14/2019 3:15 PM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Thanks for the update.

Got her!

Thanks, Sherri

From: Tess House <th81@uw.edu>

Sent: Friday, September 13, 2019 2:32 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Subject: New VF case

Hi Team-

We got the cocci titers back and L03132 (EI33) was a positive on her titer. She will be starting oral fluconazole (100 mg SID) tomorrow.

Thanks!

AAALAC site visit summary and other items

Sally Thompson-Iritani <sti2@uw.edu>

Sat 6/1/2019 8:59 PM

To: u_wanprc_az <u_wanprc_az@uw.edu>

Cc: Michael J. Mustari <mmustar@uw.edu>; Jane W. Elliott <ellioj@uw.edu>; Gail R Ellingson <gellings@uw.edu>; Mark L Clarke <mclarke@uw.edu>; Vanessa Quiroz Hotz <vmqh@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Rita U Bellanca <rbell@uw.edu>

Hi Arizona Breeding Colony - a quick note on a few topics -

AAALAC site visit: I wanted to thank all of you for the extraordinary job you did preparing for and hosting the AAALAC site visit yesterday. The visitors were very complimentary and had the following commendations for the great work that you do.

Commendations:

- Dedication of staff - as exemplified by the animal body condition, well socialized animals, good coats
- Innovation with a unique facility - existing facility and new building
- Professional judgement and proactive approach to Valley Fever - mitigate clinically challenging issue
- Satellite but not isolated - good integration between Seattle and Arizona
- Dedication to social housing in clinical situations
- Positive reinforcement training

AAALAC will be visiting Seattle this next week and do the formal exit briefing on Friday for the University of Washington Animal Care and Use Program - you are all invited to zoom in and listen on Friday if you want and there will be formal communication after the final briefing.

I also wanted to send a few other quick updates regarding on-going items.

New Building: The building is progressing thanks to the work of the team in Arizona and Gail and Marty in Seattle. There have been delays and I want to assure everyone that we are dedicated and committed to doing this right so a few delays will benefit the long term goal of having a supreme structure in place to provide an optimal environment for the animals.

Staffing: I want to thank all of you for your continued dedication and commitment to the facility. I know that turnover and injuries can take a toll on the staff and morale and everyone at the center appreciates your hard work and the extra effort that you have put in. There are several positions being filled as quickly as possible with the right people to continue the strong care program in place. You will also see that we will be advertising for a Behavior Management person to hire for the Arizona facility. With the upcoming shipment of animals from NIRC it will be very important that we have a person dedicated to BMS and group dynamics of the colony to oversee introductions and breeding group management.

Performance Development Plans: It is that time of year again and hopefully you have seen in the Weekly updates that PDP forms are available and your supervisors should be scheduling time to sit down with you and do your performance reviews before the end of June. Jane Elliott and I will be on site at ABC June 25-26th if you have any

final questions or comments regarding the process. Please feel free to reach out to either one of us if you need help with your forms.

Thank you again for maintaining such a strong program and your continued care and support for the animals, your colleagues and the facility in Arizona. We are lucky to have all of you as part of our team!

Sally Thompson-Iritani, DVM/PhD, CPIA

~ Certified Compassion Fatigue and Human-Animal Bond Practitioner ~

Director, Animal Welfare & Research Support | Associate Director, WaNPRC

206.661.6294 / sti2@uw.edu

Websites: [WaNPRC](#) / [NPRC](#)

Twitter: [@NPRCnews](#)

Dare 2 Care... | explore [UW's Compassion Fatigue Program](#)

Thank you to the NIH Office of Research Infrastructure Programs grant P51 OD010425 for supporting WaNPRC.

****Please help us continue to support your research by citing our grant number in publications.****

"We all really have the same intent...good communication is going to be one of the things that will bring us together. Intent, though, is a human virtue, not a virtue of the computer" Carol Newton, 1975

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DNA Samples- Semi Annuals

cjmead2 <cjmead2@uw.edu>

Thu 9/12/2019 2:22 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Cc: Kelly L. Carbone <kellyc29@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>

New type of DNA testing using SNPs. This is to replace the testing we did at UC Davis. So, moving forward with all the rest of our semi-annuals, we will be collecting these additional samples. I will need the light lavender tubes 1-2mL (2 tubes adults, 1 tube juveniles), and then once Kelly receives them she will have her check list and then they will be moved to freezer.

I added these to the bloodwork sheets for labeling. Let's make sure we have extra labels printed for Kelly for redraws and missing labels.

Juveniles under 2.5kg lean- (Example: 1 light lavender-DNA, 1 dark lavender virology and CBC- no black top and 1 serum separator chem/cocci titer)

Once we finish all the dark lavender w/black. We strictly will only be using the light landers for CBC and/or DNA

Chris DO NOT move samples in freezer for maintenance, check with me first, since I have them laying in a specific order.

Thanks,
Let me know if any questions.

Caroline

RE: Re:

cjmead2 <cjmead2@uw.edu>

Tue 8/27/2019 3:44 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Make sure just to use the 4mL red top tubes for adult and 2mL for infants and juveniles, if you fill 1 full red top for juveniles it should be enough for chem and cocci titer if not use two and fill half each.

Virology make sure to use the 4mL dark lavender and for infants and small juveniles fill-1 tube full, we usual have a second tube labeled if needed.

A lot going on

Thanks,
Caroline

From: cjmead2 <cjmead2@uw.edu>

Sent: Saturday, August 24, 2019 1:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re: Re:

I made a folder in the zdrive drive under bloodwork labels, that I will be working on when I have time
2019 Fall Bloodwork, so you know what animals being sedated

Then I am assuming you guys are doing eye test and glucose test and recording, will see how much time this takes. I will scan all copies and keep records.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, August 15, 2019 7:19 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: Re:

Use the 4mL red top tubes first with adults for semi-annuals, so we can use them up

From: cjmead2

Sent: Wednesday, August 14, 2019 3:45 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject:

Here is a tentative schedule of number of animals each day, since varies with animal movement. Vials will be made for any juvenile in group 6 mo and older.

Everyone:

(2) virology tubes

(1) Chem

(1) CBC use up lavender with black in center, then we will be using light lavender after

(1) Protatek

I will work on bloodwork sheets when I have time, then they can be compared with vials for day of exams prior.

You will be busy with tattoos and not sure on cbc/chem at this time

Arizona Breeding Colony Fall 2019

| Date Collection | Room | Animal # | Virology | Protatek | cbc/chem | Rads | chest tattoos | Weans | Dam Breed | Moves |
|-----------------|-------------|----------|----------|----------|----------|------|---------------|-----------------|-------------------------------|---------|
| 8/26/2019 | 222/231/241 | 3 | 3 | 3 | 3 | 2 | | | | |
| 8/27/2019 | 232 | 4 | 4 | 4 | 4 | | 1 | 1 later (M) 152 | genetic to add to breeder grp | cage |
| 9/3/2019 | 181 | 16 | 16 | 16 | 16 | | 5 | (4)M-111 | (3 or 4) 242 | |
| 9/9/2019 | 242 | 20 | 19 | 19 | 19 | | 3 | (3)M-111 | early preg spec dam to 181 | Grp 232 |

| | | | | | | | | | | |
|--|---------|----|----|----|----|---|---|-----------------------------|-------------------------------|---------|
| 9/10/2019 | 212 | 16 | 16 | 16 | 16 | | 2 | (1)M-111, 1(F)-121 | 112- dam move | Grp 242 |
| 9/16/2019 | 221 | 20 | 20 | 20 | 20 | | 2 | 4 (F) 121 | | |
| 9/17/2019 | 222 | 18 | 18 | 18 | 18 | | 6 | | | |
| 9/23/2019 | 112 | 27 | 26 | 26 | 26 | | 7 | 4 (M) 111 -1 (F) 121 | 2-dams 231, 1 dam 212 | |
| 9/24/2019 | 231 | 20 | 20 | 20 | 20 | | 5 | | 2 dam move if preg to 112 | |
| 10/1/2019 | 131 | 12 | 12 | 12 | 12 | | | 1 (M) 111 -1 (F) 121 | | |
| 10/7/2019 | 241 | 17 | 17 | 17 | 17 | 1 | 2 | 2 (M) 111 | | |
| 10/8/2019 | 171 | 11 | 11 | 11 | 11 | | 3 | | | Grp 212 |
| 10/14/2019 | 121 | 13 | 13 | 13 | 13 | | | | | |
| 10/15/2019 | 122 | 29 | 29 | 29 | 29 | | | | | |
| 10/21/2019 | 152 | 11 | 11 | 11 | 11 | | 2 | 2 to 3 (M) 111 | | |
| 10/22/2019 | 104 | 14 | 13 | 13 | 13 | | 1 | 1 (F) 152 or 121, 2 (M) 111 | dam/infant to 181, dam to 222 | |
| 10/28/2019 | 162/142 | 11 | 11 | 11 | 11 | | 1 | | changes w/returns/clinical | |
| Setting up breeder group w/162 males, either last week or November | | | | | | | | | | |

All subject to change with
moves

Re: BW's and bloodwork

cmali <cmali@uw.edu>

Fri 8/16/2019 2:13 PM

To: Schante M. Hodges <shodges3@uw.edu>; Tess House <th81@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>

104 weights look good!

L10136: recheck globulins and cocci titer at SAE

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Schante M. Hodges <shodges3@uw.edu>

Sent: Friday, August 16, 2019 1:53 PM

To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject: BW's and bloodwork

Hello,

Case body weights in 104 and 142 were done and entered.

The chemistry for L10136 is now showing in panels reports.

Thanks,

Schante and Danielle

Week of July 29th

cjmead2 <cjmead2@uw.edu>

Sun 7/28/2019 3:09 PM

To: Danielle Parks <dp546@uw.edu>; smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Monday July 29th

104: move to 152- all BWs

Z18013, Z18117, Z17248, Z18142, Z18121, Z18199, Z17195, Z17175, Z17253, Z18116, Z18135

104: R11037 infant Exam Z19183 (ear tattoo) (fast)

104: Z17135 oral Exam (fast) intro back to group if OK

142: ET63 intro back 212

142: ET71 intro back 242

242: T10118 BW

Tuesday July 30th

104: Z15079 rads (fast)

104: Z17196 suture removal and cocci titer (fast)

Wednesday July 31st (SH, SM, CJM)

104: Z17053 fecal swab

142: IL26 fecal swab

181: L10152 BW/Exam sedation

ATs: 121 BWs

Thursday August 1st (SH, CJM, DP, SM)

142: GT72 suture removal (fast)

104: Z17186 rads (fast)

Friday July 26th (SM off noon, DP, CJM)

104: case BWs

143: case BWs

Fw: Shipping date to Seattle

cjmead2 <cjmead2@uw.edu>

Thu 6/20/2019 12:58 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

From: Tess House <th81@uw.edu>**Sent:** Thursday, June 20, 2019 12:29 PM**To:** cmali; cjmead2**Cc:** Jim Murphy; Kelly L. Carbone**Subject:** Shipping date to Seattle

Hi Caroline and Dr. M,

The shipment to Seattle has been confirmed for Thursday, July 18th. We'll need to start planning our TB tests/exams. We will not need to do cocci titers or virology (Seattle will do that on receiving) but will need CBC and chem on anyone that hasn't had one in 6 months.

Dr. H

Sent from my Verizon, Samsung Galaxy smartphone

Re: Week of May 27th

cjmead2 <cjmead2@uw.edu>

Tue 5/28/2019 1:19 PM

To: Tess House <th81@uw.edu>**Cc:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; cmali <cmali@uw.edu>**Comeplete**

From: Tess House <th81@uw.edu>**Sent:** Tuesday, May 28, 2019 12:10:26 PM**To:** cjmead2**Cc:** Schante M. Hodges; smintner; Danielle Parks; Kelly L. Carbone; cmali**Subject:** RE: Week of May 27th

Thanks for the update on the moves. I've added meloxicam to M06139 starting today and going until Saturday. Please give her 0.67 mL when you are back from lunch break.

From: cjmead2 <cjmead2@uw.edu>**Sent:** Tuesday, May 28, 2019 11:59 AM**To:** Tess House <th81@uw.edu>; cmali <cmali@uw.edu>**Cc:** Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>**Subject:** Fw: Week of May 27th

All returned to group except had to pull M06139, group would not settle, she has a 6cm superficial wound on left proximal area sex skin, she is back in 142, can we start her on NSAIDS, best time to return when group is sedated for ultrasounds, that way its' calmer, since she has been out for a long time.

Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

142: CV61 CBC/chem (fast)

142: S11069- Exam (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242- did not work at this time

142: K11143/infant intro back to 242-done

142: ET02/infant return to group 231-done

142: Z14320/infant intro back into 112-done

Re: M09202

cjmead2 <cjmead2@uw.edu>

Sat 5/25/2019 7:22 AM

To: Tess House <th81@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>**Cc:** Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Sounds good I will add to my schedule.

From: Tess House <th81@uw.edu>**Sent:** Tuesday, May 21, 2019 11:38 AM**To:** Schante M. Hodges; smintner**Cc:** Danielle Parks; cjmead2; cmali**Subject:** FW: M09202

We'll also add Z12034 BW to this day as well. I've increased her nutritional support to BID and she will also start mirtazapine tomorrow.

Thanks!

From: Tess House**Sent:** Tuesday, May 21, 2019 11:25 AM**To:** Schante M. Hodges <shodges3@uw.edu>; Sherri Mintner (smintner@uw.edu) <smintner@uw.edu>**Cc:** cjmead2 <cjmead2@uw.edu>; Danielle Parks (dp546@uw.edu) <dp546@uw.edu>; cmali <cmali@uw.edu>**Subject:** M09202

Hi Sherri and Schante-

I've added mirtazapine to M09202's treatments starting tomorrow. We will get another weight on her next week on Tuesday if possible. Let Dr. M and I know if you observe any fecal output on her before then.

Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242??? (Vets will let us know)

142: K11143/infant intro back to 242??? (Vets will let us know)

142: ET02/infant return to group pending BW/Tx??? (Vets will let us know)

142: Z14320/infant intro back into 112

BW for M09202 (241)

Thank you!

Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Weights/case updates

Tess House <th81@uw.edu>

Fri 5/24/2019 1:52 PM

To: Danielle Parks <dp546@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; cjmead2 <cjmead2@uw.edu>

Cc: cmali <cmali@uw.edu>

Good afternoon Team-

Just a few updates following up on the weight checks in 104, 212, and 221:

104: Z17196- weight is up and weight loss case has been closed. Cleared to return to group.

Z16358-respiratory case is closed, valley fever case open. We will see how this one looks on exam next week and the titer level. Pending these, may be cleared to return to social group with partner.

212: L03310 (ET63)-body weight is up today. Will see what weight is at during the quarterly ultrasounds and if stable or up, will close weight loss case.

221: Z12029-body weight is up today. Will see what weight is at during the quarterly ultrasounds and potentially close case then.

Thank you and have a good weekend!

Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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Week of May 27th

cjmead2 <cjmead2@uw.edu>

Sun 5/19/2019 3:56 PM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Subject to change

Monday May 27th

Holiday

Tuesday May 28th

142: DH46 cbc/chem/fecal (fast)

104: Z16358 cocci titer (fast)

142: M06139 status for returning to 242??? (Vets will let us know)

142: K11143/infant intro back to 242??? (Vets will let us know)

142: ET02/infant return to group pending BW/Tx??? (Vets will let us know)

142: Z14320/infant intro back into 112

Wednesday May 29th

104: Z15079- rads (fast)

ATs: 111/121 BWs

Nursery cage change out

Thursday May 30th

152: Z13319/M10166 BW

downstairs: white catch boxes

Friday May 31st

AAALAC Site Visit

104: case BWs

142: case BWs

Valley fever cases from 162/142/104

Tess House <th81@uw.edu>

Tue 5/7/2019 3:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hi team-

Z15258 in 162 has had one full year of negative cocci titers so I have closed his valley fever case. All other valley fever cases from 162/142/104 that had cocci titers done on 4/22 or 4/23 are either improving (Z16341, Z16283) or not yet to one full year of negative titers (Z14333).

Sherri and Danielle-please cross off his treatment for tomorrow if you have already printed off the treatment sheets.

Thank you!
Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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RE: 4/30 bloodwork

Tess House <th81@uw.edu>

Tue 4/30/2019 2:20 PM

To: Schante M. Hodges <shodges3@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Thanks Schante. They have both improved from earlier this month. Z14320 has a mild-moderate hyperglobulinemia we will keep an eye on. Her most recent cocci titer was negative. Dr. H

From: Schante M. Hodges <shodges3@uw.edu>

Sent: Tuesday, April 30, 2019 2:12 PM

To: Tess House <th81@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Subject: 4/30 bloodwork

Hi Dr House

CBC/Chem's from today are now showing in panels report.

Thanks,

Schante Hodges

Veterinary Specialist I

WaNPRC, Arizona Breeding Colony

4202 N Higley Rd.

Box 20836

Mesa, Az 85215

Shodges3@uw.edu

Re: 3/13

cmali <cmali@uw.edu>

Wed 3/13/2019 11:46 AM

To: Schante M. Hodges <shodges3@uw.edu>; Tess House <th81@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

I'm not surprised for 141's blood... we collected it out of the chest cavity...Thanks for giving it a try.

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



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From: Schante M. Hodges <shodges3@uw.edu>

Sent: Wednesday, March 13, 2019 11:41 AM

To: Tess House; cmali

Cc: cjmead2

Subject: 3/13

Z14141's CBC ran and came back abnormal, but I transferred the values given. I could not get any serum off of the sample, so a chemistry and cocci titer can't be done. Radiographs are on the z-drive and entered into workflow.

M09202 and Z17196 CBC/chem are transferred, but not yet showing in panel reports.

Schante Hodges

Veterinary Specialist I

WaNPRC, Arizona Breeding Colony

4202 N Higley Rd.

Box 20836

Mesa, Az 85215

Shodges3@uw.edu

121

cjmead2 <cjmead2@uw.edu>

Fri 2/22/2019 3:07 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

121: Z16283, this is one I saw coughing and Christie. Wednesday they are scheduled for BWs, so needs to be pulled for cocci titer

Caroline

(No subject)

cjmead2 <cjmead2@uw.edu>

Mon 2/4/2019 11:40 AM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Danielle Parks <dp546@uw.edu>

Tuesday February 5th

241: biscuit count and then check with Vet if can go back in group

112: Z13090: follow-up fecal culture (catch him before group goes out)

142: Z13319- follow-up fecal culture

142: Z13337- F/U US, cocci titer and chest rads

222: Z11338 & J10160 new infant Exam

231: S10185 new infant exam

171: Z14340 BW intro into 171A

Week of February 4th 2019

cjmead2 <cjmead2@uw.edu>

Fri 2/1/2019 11:36 AM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Sunday- Schante you will need to separate male into C or B/C at AM treatment, so less stress

Monday February 4th

241 (CAN NOT have any food in enclosure for sedation)

241: male K-9 removal (male to recover in group six in bay) make sure cage plate Vet staff to feed only

111: Z17184 BW

Tuesday February 5th

112: Z13090: follow-up fecal culture (vet staff to put male in C in AM to see if can collect feces before noon)

142: Z13319- follow-up fecal culture

142: Z13337- F/U US, cocci titer and chest rads (new VF)

222: Z11338 & J10160 new infant Exam

231: S10185 new infant exam


171: Z14340 BW intro into 171A

Re: Pre-screening Monday

Schante M. Hodges <shodges3@uw.edu>

Sun 1/27/2019 11:06 AM

To: cjmead2 <cjmead2@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Corrected 

From: cjmead2 <cjmead2@uw.edu>

Sent: Sunday, January 27, 2019 9:29:12 AM

To: smintner; Schante M. Hodges; Danielle Parks

Subject: Re: Pre-screening Monday

Team, malfunction- 

3 females screening:

Z14323

Z14367

L07293

Sherri did L08020 instead of Z14367

From: smintner <smintner@uw.edu>

Sent: Saturday, January 26, 2019 3:08:53 PM

To: cjmead2; Schante M. Hodges; Danielle Parks

Subject: Re: Pre-screening Monday

Good afternoon TEAM!!

I got this stuff ready for Monday. I autoclaved the dental scalers and ear tattoo letters this afternoon. They'll be finished and in the autoclave. There's a minor trauma pack drying to be autoclaved.

From: cjmead2 <cjmead2@uw.edu>

Sent: Thursday, January 24, 2019 3:42:16 PM

To: smintner; Schante M. Hodges; Danielle Parks

Subject: Pre-screening Monday

Items Ready in procedure room: (3) dams)

sedation dam full exam

BWs

fecal swabs

cage -collect feces for fecal float

2 slides each and clear tape for perianal taping for external parasites

CBC/chem

cocci titer

1-red tope tube filovirus (1.0 serum) 2 cryo vial labeled

2 tubes for virology to Seattle printed labels

shipping boxes
ice packs

Wed Thurs

cjmead2 <cjmead2@uw.edu>

Thu 5/16/2019 8:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

142: GN27/infant and Z11343/Infant intro back 181

104: 284-intro in 111

111: Z17072 frequent flier back for wt loss/diarrhea-fecal sent out
bloodwork for these days complete

DL30- no biscuit count

Got a wt on ID32 weight up, whew

Meeting:

Thank you Danielle for taking notes, I lived on phone about the Procyte machine

Building will be done soon, taking longer than anticipated. Mid-late July.

Might have animals by August after IACUC approves building

Jim discussed trip to Seattle. Got ideas from Seattle such shield that protects thermostat to prevent altering of air/heat when ATs are pressure washing. Shop in Seattle will send plans so we can try also.

Jim also saw better door stops for heavy doors while in Seattle.

Clinical updates:

K11143 toe amputation

M11094 weight loss

2.86 diarrhea treated in group

CV61 weight loss

079 Fractured heel

Pathology 441 "Seizure Girl" valley fever throughout brain.

Several monkeys returned.

Kelly: Asked if they can dry start pressure washer that goes to 131- Chris says no. Will work on something more permanent/effective.

-Jim mentioned a more permanent setup involving a pipe/valve setup. Would definitely be a bigger project.

Chris mentioned to make sure to pull trigger on pressure washer when starting.

Kelly: make sure when pressure washing annex, also pressure wash entire upstairs areas- at least a couple times a week.

When feeding annex, throw food toward back of cage to avoid getting soggy.

Throw extra sawdust under tunnels of annex to soak water coming through when cleaning outside annex.

Friday

Tess House <th81@uw.edu>

Fri 1/18/2019 9:00 PM

To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>

Cc: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>

Hi Caroline and Dr. M-

I didn't see an EOD go out to you two so here's a run down of today:

Z16358: sedated for exam/cbc/chem/rads. Clinically improving (increased inspiratory sounds but no crackles now; no coughing noted today) and radiographically there is significant improvement but not full resolution yet. Blood work was WNL and weight was up slightly. Plan to continue antibiotic therapy and repeat radiographs in 2 weeks. Added to clinical calendar.

Z16068: sedated for exam. Previous oral cavity lesions resolved so trauma case closed. Weight loss case remains open-her weight was down slightly. She was mildly dehydrated and received fluids and vitamin B and will be reweighed on Sunday.

Z17072 and Z16004 sedated for exams. Both were 8% dehydrated and received SQ fluids and vitamin B comp. CBC/Chem/Cocci pulled on both and cbc/chems on both were unremarkable. Fecal culture submitted on Z16004 to Idexx; both observed today with fluid feces. Z17072 will start antibiotics tomorrow and it's likely I'll add them for Z16004 over the weekend if there's fluid feces again tomorrow. I didn't see a weight loss case opened yet on Z16004 so that's been done and the weight today was down further slightly from yesterday.

PDr2 has been picking at her wound and there are minimal amounts of necrotic tissue now, it's looking better than previously. She was pretty active so I couldn't get an exact count of staples but it's probably 2-3 that are present. There was some discharge but it was consistent with serous/fibrin material. Going to see how she does over the weekend, may sedate and do a recheck exam on her on Tuesday.

I extended Tylenol on **K11143** over the long weekend just to err on the side of caution. Dams and infants in 142 were looking good and Jim had been working today on the camera issue, I believe that is resolved but I still need to check access from my laptop.

ID14 was pulled for weight loss and moved to 142. She had a fecal culture submitted to Idexx and was started on GI support and pepto. Left D4 is healing well with good utilization and no erythema, swelling, or discharge.

I spent some time both this morning and afternoon observing 152 and can confirm fluid feces in **Z14134** but did not witness fecal output from the others. Swab collected from B (was able to drive two into A, two into C) right after 134 had diarrhea this afternoon and it's being sent to Idexx. Starting her on pepto/GI support/antibiotics.

Looking for any non-pepto diarrhea over the weekend in this group; pending culture may add treatments to the others.

Thanks,

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian-Arizona Breeding Colony
Washington National Primate Research Center

3/16/2020

Mail - Schante M. Hodges - Outlook

e-mail: th81@uw.edu

office: 206-685-1842

Re:

cjmead2 <cjmead2@uw.edu>

Mon 1/14/2019 4:13 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Fecal Float L08020

From: cjmead2

Sent: Monday, January 14, 2019 3:26 PM

To: cmali; Tess House; Schante M. Hodges; smintner

Subject:

Tuesday January 15th

104: Z16005- follow-up cocci titer

142: M04326 intro back into 131

231: ET02 New birth Exam

231: F11079 BW

242: K11143 new birth exam

Monday

cjmead2 <cjmead2@uw.edu>

Sat 1/12/2019 11:42 AM

To: smintner <smintner@uw.edu>; Schante M. Hodges <shodges3@uw.edu>

Sherri make sure you are entering the biscuit count, will more likely stop Monday

Monday January 14th

103: Z19006 check infant, don't feed 8 am will try back on dam (if doesn't work he's staying in nursery)

142: Z14345 suture removal, so can intro back to group Tuesday

142: Z13319 BW

142: M10166 BW move to 152 (wait let me check if did fecal on both and has something)

222: L08020/Z19002-dam recovery in 142 and infant Isolette (both full exam)

112: Z14320/Z19005-dam recovery in 142 and infant Isolette (both full exam)

Items Ready in procedure room:

sedation dam full exam

infants full exam (get bottles out, find nipples, isolette ready)

BWs

fluids

ear tattoo

both dam, fecal swabs

both dams when in cages fecal collected for fecal float

slides and clear tape for perianal taping for external parasites

CBC/chem

cocci titer

red tope tube filovirus (1.0) cryo vial labeled

2 tubes for virology

shipping boxes

ice packs

Week of January 7th 2019

cjmead2 <cjmead2@uw.edu>

Fri 1/4/2019 3:13 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

Subject to change

Monday January 7th

142: ET71 follow-up fecal swab

104: Z17256 follow-up fecal swab

142: Z16092/Z17080 intro into 122 Monday or Tuesday (camera on group)

142: group six ready Monday or Tuesday to pull (152) Z13319 & M10166 BWs

242: ET40- sedate exam left eye

Tuesday January 8th

162: sedation for BWs and Rads/Introductions (Fast group)

Wednesday January 9th

104: (4) Z17135, Z16341, Z17137, Z16358 -pending cocci results return to 111 (may keep 341/358 in cage together)

104: Z17001, Z17196 pending fecal results/BWs before intro into 121

142: M04326 pending fecal results & BW intro into 131, can't be on meds in group

142: M09202 BW & infant

142: T01112 chem and US (Fast)

ATs: 111/122 BWs

Thursday January 10th

104: Z17184 follow-up fecal swab

152: BWs & M10166 (CBC) & Z13319 (CBC/chem) (fast bloodwork animals, should hopefully be moved into 142)

181: Z12342- new birth exam

Friday January 11th

104: case BWs

142: case BWs

212: GP26 BW

222: GN90, DL86, A12262 BW

231: F11079 BW

Wed/Thurs

cjmead2 <cjmead2@uw.edu>

Thu 1/3/2019 3:36 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>

104: follow-up cocci titers

104: 068 intro to 122 and 142 intro to 111

242: ET40 swollen left eye

152: BWs 319 & 166-lost weight moving in 142 next week

Valley fever cases from 162/142/104

Tess House <th81@uw.edu>

Tue 5/7/2019 3:23 PM

To: Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Danielle Parks <dp546@uw.edu>; cmali <cmali@uw.edu>

Cc: cjmead2 <cjmead2@uw.edu>

Hi team-

Z15258 in 162 has had one full year of negative cocci titers so I have closed his valley fever case. All other valley fever cases from 162/142/104 that had cocci titers done on 4/22 or 4/23 are either improving (Z16341, Z16283) or not yet to one full year of negative titers (Z14333).

Sherri and Danielle-please cross off his treatment for tomorrow if you have already printed off the treatment sheets.

Thank you!
Dr. H

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: [Kathryn A. Guerriero](#)
To: [Robert D. Murnane](#); wanprc_vets@uw.edu
Subject: RE: Z17170
Date: Tuesday, October 29, 2019 2:19:00 PM

Glad that this was just valley fever (and not TB).

Kate

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Robert D. Murnane

Sent: Tuesday, October 29, 2019 2:14 PM

To: wanprc_vets@uw.edu

Subject: [Wanprc_vets] Z17170

Hi all (especially ABC vets!)

Disseminated valley fever EVERYWHERE:

Hilar nodes, lungs, rib, bone above eye, sternum, liver, kidneys, lungs, multiple abscesses....

Final report to follow soon.

Cheers

Bob

From: [Kathryn A. Guerriero](#)
To: [cmali](#)
Subject: RE: Z17170
Date: Tuesday, October 29, 2019 2:37:00 PM

I wish we had pictures from necropsy on this animal.....

From: Robert D. Murnane <rmurnane@uw.edu>
Sent: Tuesday, October 29, 2019 2:32 PM
To: Tess House <th81@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; wanprc_vets@uw.edu; cmali@uw.edu
Subject: RE: Z17170

For sure a sigh of relief!!

Oh, it also had secondary amyloidosis and IBD...

Case report would work for sure, but what would be better is for someone/anyone to write up the case series to date!! Pretty easy to do and you could focus on just gross and histo of the cases we've had

Cheers
Bob

From: Tess House <th81@uw.edu>
Sent: Tuesday, October 29, 2019 2:23 PM
To: Kathryn A. Guerriero <kag18@uw.edu>; Robert D. Murnane <rmurnane@uw.edu>; wanprc_vets@uw.edu
Subject: RE: Z17170

A huge sigh of relief for us that it's VF and not TB-thank you Bob!!!

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Kathryn A. Guerriero
Sent: Tuesday, October 29, 2019 2:19 PM
To: Robert D. Murnane <rmurnane@uw.edu>; wanprc_vets@uw.edu
Subject: Re: [Wanprc_vets] Z17170

Glad that this was just valley fever (and not TB).

Kate

From: Wanprc_vets <wanprc_vets-bounces@mailman11.u.washington.edu> **On Behalf Of** Robert D. Murnane
Sent: Tuesday, October 29, 2019 2:14 PM

To: wanprc_vets@uw.edu

Subject: [Wanprc_vets] Z17170

Hi all (especially ABC vets!)

Disseminated valley fever EVERYWHERE:

Hilar nodes, lungs, rib, bone above eye, sternum, liver, kidneys, lungs, multiple abscesses....

Final report to follow soon.

Cheers

Bob

From: Kathryn A. Guerriero
To: "cmali"; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Cc: Tess House
Subject: RE: Case opinions Z16358
Date: Thursday, January 3, 2019 12:24:00 PM

I'm up for a discussion after rounds. Can we bring up the radiographs on the screen after rounds?

From: cmali <cmali@uw.edu>
Sent: Thursday, January 3, 2019 12:15 PM
To: Dean Jeffery <daj12@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: Re: Case opinions Z16358

sounds like a plan! Thanks!

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
PO Box 20836
Mesa, AZ 85277
Ph: 206.616.0501

From: Dean Jeffery <daj12@uw.edu>
Sent: Thursday, January 3, 2019 12:30:41 PM
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Please look at xrays, particularly the VD view.

Z:\Arizona\Vet Services\2019\Radiographs\Z16358

Plan to finish pred, continue albuterol and Fluconazole and repeat xrays 10D after pred ends .

Any thoughts or suggestions?

THANK YOU!!!

Carolyn

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To: [cmali](#); [Dean Jeffery](#); [Sally Thompson-Iritani](#); [Charlotte E. Hotchkiss](#); [Keith Vogel](#)
Cc: [Tess House](#)
Subject: Re: Case opinions Z16358
Date: Thursday, January 3, 2019 8:13:23 PM

Hi Carolyn,

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Any thoughts or suggestions?

THANK YOU!!!

Carolyn

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Senior Veterinarian

Washington National Primate Research Center

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PO Box 20836

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Ph: 206.616.0501

Dean Jeffery

From: Dean Jeffery
Sent: Tuesday, October 16, 2018 4:34 PM
To: cmali; Backward Vets
Subject: RE: Thoughts on Z14141??
Attachments: Gabapentin in Prenancy.pdf

It was a beautiful warm Autumn in the year '14 when I first fell in love with levetiracetam... great as both a monotherapy and an adjunctive. Given the downsides of phenobarb, KBr, and the tolerance to diazepam after a short period, we started using it a lot, particularly in sick patients that you didn't want to see any additional undue side effects. Super-wide safety margin, we dosed dogs at 20mg/kg PO or IV TID and I never saw any side effects that I recall.

Gabapentin also has some mild anticonvulsant activity, so if there's any neurogenic discomfort at all, you could add some of that on. Also relatively safe, according to the paper attached.

Also, I had wanted to bring this up with your last seizure case, but I wondered if it was worth getting a hold of some lorazepam. The last time I checked, this was the go-to benzodiazepine for cluster/break-through seizures. Downside is it's a controlled drug, but if I recall correctly, I don't think it wallops them quite as hard as diazepam (they won't sleep for a half day straight) and I think you get the tolerance more slowly than with diazepam.

Dean

From: cmali <cmali@uw.edu>
Sent: Tuesday, October 16, 2018 11:03 AM
To: Backward Vets <stev@wanprc.org>
Subject: Thoughts on Z14141??

Hello Team!

We would like your thoughts/suggestions on the following case (animal Z14141)

Signalment: 4.5 year old female, currently pregnant (due in January)
Problem List: Valley Fever, seizures
Current TX: Fluconazole, tylenol, diazepam PO (started today), vitamin C, and prenatal vitamins

History: This a valley fever monkey that presented with a seizure on 8/29, again on 9/25, and yesterday 10/16. She has an intermittent history of coughing (treated with prednisone and albuterol).

Plan: we are considering long term seizure treatment for this animal with a newer anti-seizure medication (Keppra) that would have less deleterious effects on the developing fetus. We are moving her into a quieter area of the hospital where there is less traffic/commotion.

Please let us know your thoughts/suggestions/ideas.

Thanks,
Carolyn and Tess

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Senior Veterinarian

Washington National Primate Center
Arizona Breeding Colony
Ph: 206-616-0501
Mail: PO Box 20836, Mesa, AZ 85277

Dean Jeffery

From: Dean Jeffery
Sent: Wednesday, October 17, 2018 10:42 PM
To: Charlotte E. Hotchkiss; cmali; Backward Vets
Subject: RE: Thoughts on Z14141??

I have never heard of it being used.

DJ

From: Charlotte E. Hotchkiss <chotchki@uw.edu>
Sent: October 17, 2018 1:31 PM
To: cmali <cmali@uw.edu>; Dean Jeffery <daj12@uw.edu>; Backward Vets <stev@wanprc.org>
Subject: RE: Thoughts on Z14141??

I've always been curious – has anyone ever tried lamotrigine in veterinary patients? My daughter has been taking it for several years for her epilepsy, but I've never heard of anyone using it in animals.

Charlotte

From: cmali [<mailto:cmali@uw.edu>]
Sent: Wednesday, October 17, 2018 6:56 AM
To: Dean Jeffery <daj12@uw.edu>; Backward Vets <stev@wanprc.org>
Subject: RE: Thoughts on Z14141??

Great thoughts Dean!!!! Thanks for your input!!

Carolyn Malinowski, MS, DVM, RLATG, CMAR, CPIA

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Washington National Primate Center
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Sent: Thursday, January 3, 2019 11:31 AM
To: Sally Thompson-Iritani; cmali; Charlotte E. Hotchkiss; Keith Vogel; Kathryn A. Guerriero
Cc: Tess House
Subject: RE: Case opinions Z16358

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Dean Jeffery

From: Dean Jeffery
Sent: Thursday, January 3, 2019 8:15 PM
To: Kathryn A. Guerriero
Subject: RE: Case opinions Z16358

Good thought.

DJ

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Dean Jeffery

From: Dean Jeffery
Sent: Thursday, May 9, 2019 4:38 PM
To: Robert D. Murnane; Audrey Baldessari; Keith Vogel; Charlotte E. Hotchkiss; Kathryn A. Guerriero; Jason D. Laramore; Tess House; cmali
Subject: RE: 19-041 and 042 (Z19068 and Z14141)

Awesome history Arizona and cool report Bob! I'd definitely be watching for CNS disease (i.e. meningitis) in any future neck pain animals (great job detecting that!).

DJ

From: Robert D. Murnane <rmurnane@uw.edu>
Sent: Thursday, May 9, 2019 12:20 PM
To: Audrey Baldessari <aeb4@uw.edu>; Keith Vogel <vogelk@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Dean Jeffery <daj12@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>; Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: 19-041 and 042 (Z19068 and Z14141)

Hi all:

Please find attached final reports on the above 2 cases. Interestingly, Z14141 was cerebral Valley Fever, and both animals were from the same dam who also was diagnosed clinically with Valley Fever.

Please contact me with any questions, comments or concerns.

Cheers
Bob

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Saturday, June 1, 2019 8:58 PM
To: u_wanprc_az
Subject: AAALAC site visit summary and other items

Hi Arizona Breeding Colony - a quick note on a few topics -

AAALAC site visit: I wanted to thank all of you for the extraordinary job you did preparing for and hosting the AAALAC site visit yesterday. The visitors were very complimentary and had the following commendations for the great work that you do.

Commendations:

- Dedication of staff - as exemplified by the animal body condition, well socialized animals, good coats
- Innovation with a unique facility - existing facility and new building
- Professional judgement and proactive approach to Valley Fever - mitigate clinically challenging issue
- Satellite but not isolated - good integration between Seattle and Arizona
- Dedication to social housing in clinical situations
- Positive reinforcement training

AAALAC will be visiting Seattle this next week and do the formal exit briefing on Friday for the University of Washington Animal Care and Use Program - you are all invited to zoom in and listen on Friday if you want and there will be formal communication after the final briefing.

I also wanted to send a few other quick updates regarding on-going items.

New Building: The building is progressing thanks to the work of the team in Arizona and Gail and Marty in Seattle. There have been delays and I want to assure everyone that we are dedicated and committed to doing this right so a few delays will benefit the long term goal of having a supreme structure in place to provide an optimal environment for the animals.

Staffing: I want to thank all of you for your continued dedication and commitment to the facility. I know that turnover and injuries can take a toll on the staff and morale and everyone at the center appreciates your hard work and the extra effort that you have put in. There are several positions being filled as quickly as possible with the right people to continue the strong care program in place. You will also see that we will be advertising for a Behavior Management person to hire for the Arizona facility. With the upcoming shipment of animals from NIRC it will be very important that we have a person dedicated to BMS and group dynamics of the colony to oversee introductions and breeding group management.

Performance Development Plans: It is that time of year again and hopefully you have seen in the Weekly updates that PDP forms are available and your supervisors should be scheduling time to sit down with you and do your performance reviews before the end of June. Jane Elliott and I will be on site at ABC June 25-26th if you have any final questions or comments regarding the process. Please feel free to reach out to either one of us if you need help with your forms.

Thank you again for maintaining such a strong program and your continued care and support for the animals, your colleagues and the facility in Arizona. We are lucky to have all of you as part of our team!

Sally Thompson-Iritani, DVM/PhD, CPAA

~ Certified Compassion Fatigue and Human-Animal Bond Practitioner ~

Director, Animal Welfare & Research Support | Associate Director, WaNPRC

206.661.6294 / sti2@uw.edu

Websites: [WaNPRC](#) / [NPRC](#)

Twitter: [@NPRCnews](#)

Dare 2 Care... | [explore UW's Compassion Fatigue Program](#)

Thank you to the NIH Office of Research Infrastructure Programs grant P51 OD010425 for supporting WaNPRC.

Please help us continue to support your research by citing our grant number in publications.

"We all really have the same intent...good communication is going to be one of the things that will bring us together. Intent, though, is a human virtue, not a virtue of the computer" 'Carol Newton, 1975

This correspondence (including any attachments) as defined in [RCW 40.14.010](#), may contain confidential, privileged and/or private information. The information is intended to be for the use of the individual(s) designated in the above distribution list. If you are not a designated recipient you should not disseminate, distribute or copy this e-mail. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) is prohibited.

From: Tess House <th81@uw.edu>
Sent: Friday, March 22, 2019 12:53 PM
To: Charlotte E. Hotchkiss
Subject: AZ shipment list of potentials

Categories: Task listed

Hi Charlotte,

A follow up point Carolyn, Caroline, Jim, and I were discussing after the meeting today was which animals could potentially be sent to Seattle to free up some space here in Arizona. We're not sure of what animals you would prefer/need for study and/or breeding up there but here are some groups listed below that would make sense (at least on our end) to ship for you to mull over. I've noted any animal with a currently open valley fever case as a VF after the number for you in case that makes a difference.

171 B/C female group: Z14134, Z14140, Z14308, Z16043

152 female group: Z13337(VF), Z14001(VF), Z14150, Z14323(VF), Z14345, Z14367

162 male group: Z13288, Z14007, Z14020, Z14055, Z14176, Z14289, Z14333(VF), Z15032, Z15258(VF)
unless there are certain males here you want to retain for breeding in AZ

Males from the current juvenile groups 111, 121, and 122: Z16284, Z16287, Z16297, Z16300, Z16328, Z16339, Z16353, Z17046, Z17050, Z17053, Z17064, Z17091, Z17094, Z17137(VF), Z17157, Z17160, Z17256, Z16277, Z16324, Z17001, Z17049, Z17063, Z17072, Z17083, Z17085, Z17096, Z17136, Z17159, Z17184, Z15329, Z15331, Z15404, Z16041, Z16304, Z16338, Z16343 ***unless there are certain males here you want to retain for breeding in AZ***

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: Tess House <th81@uw.edu>
Sent: Wednesday, July 17, 2019 4:24 PM
To: Charlotte E. Hotchkiss; Keith Vogel; Jason D. Laramore; Dean Jeffery
Subject: AZ shipment

Categories: Clinical cases

Hi Seattle,

Sorry to cut out early to run down to the colony, one trauma case from this week was one of the animals to be shipped to Seattle. She had a small laceration on the top of the head today and it was closed with three simple interrupted sutures.

Of the 57 heading your way, 12 are on treatments. Caroline and I are coming in at 5 tomorrow to give them their morning doses prior to being shipped. They are as follows:

Valley fever monkeys: Z17137, Z14333 (**heads up to watch this guy, he's had neuro symptoms when his VF has flared up, typically head tilt; no issues with this for several months**), Z13337, Z14323

Z14001 is also a valley fever girl and the one with the laceration today. I gave injectables of pain meds and antibiotics today but we're going to start her on oral antibiotics, probiotics, and pain meds tomorrow. Once she was awake enough, I gave her a probiotic. This girl is a corner stealth monkey that will make you do a double take to check the cage-she will hide and freeze but if a hand gently comes out close to the corner she's hiding in, she'll take meds well. In a group, she has been really good for coming up for the techs.

Z17064, Z13090, M10166, Z14134, Z14140, Z14308, and Z16043 are either chronic weight loss/lean monkeys or repeat diarrhea cases. Only two are on antibiotics (Z17064 and Z13090), the rest are either on GI supportives like probiotics or nutritional support. Those that are on antibiotics have had their feces go from fluid to formed and were formed this morning.

All of the valley fever monks come up well in group for treatment but if you have difficulty treating them, usually fig newtons, protein bars, and monkey dough have a high success rate.

That's all for now,
Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: Tess House <th81@uw.edu>
Sent: Thursday, December 19, 2019 10:46 AM
To: Sally Thompson-Iritani
Subject: Cocci in humans

Hi Sally,

I'm not seeing much on the publication side yet for data from 2019 and it sounded from the discussions with Dr. Barker that they were still gathering data at Arizona Health Services. They are suspecting that our milder summer (not mild in terms of temperature but mild in terms of rain) this year is a contributing factor. Usually the data is something AHS will try to present on at the April Cocci Study Group meeting. The meeting in 2020 will be in Tucson so it will be very interesting to hear about the unusual cases they've had on the human side.

<https://www.kold.com/2019/09/03/experts-are-seeing-an-increase-valley-fever-cases-reported-arizona-why/>

One of the more recent publications that came out was the CDC's study on air filters but this was all data from the 2015 and 2016 seasons. This was something that Dr. Barker and her grad student discussed with Carolyn and I at ABC in addition to soil samples.

<https://www.ncbi.nlm.nih.gov/pubmed/31506673>

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 11:57 AM
To: Charlotte E. Hotchkiss
Subject: FW: Animal Shipments Out of Arizona

Importance: High

Hi Charlotte/Tess,

It looks like Gregg wants to start with NIRC animals again for this group. I'm a little concerned that they've already rejected quite a few of them – we'll need to run the census and figure out who we can make available there and then I'll need to cross check it with ones they've previously rejected and figure out why. At least this will get us started, but I would absolutely bet that we'll need to screen some at Arizona given our prior success rates with animals at NIRC. If we're proceeding like this though I think we can release (for now) the 7 we had on the list in Arizona. I'll confirm that with Gregg to be sure though.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Wednesday, February 6, 2019 11:48 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona
Importance: High

Perfect timing. Let's get back on this but focus on the NIRC colony of pigtailed as our 1st choice. We will need to talk more once that is exhausted.

Send medical records for pre-screening.

Gregg

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 2:32 PM

To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Hi Gregg,

Just checking in on this since it's been a few weeks. I also am working on getting a PO set up for a separate order that's running through the CDC that I'm told you'll be the primary vet contact for, and the specs requested are very similar to this group, so this question will be gaining importance for that as well, just wanted to give you a heads up.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Jesse C. Day
Sent: Thursday, January 17, 2019 8:26 AM
To: 'Langham, Gregory (CDC/DDID/NCEZID/DSR)' <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Thanks for the update Gregg, I appreciate you keeping us in the loop. I absolutely understand that this should be cleared with and explained to the investigators so that they have all of the relevant information.

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Thursday, January 17, 2019 5:26 AM
To: Jesse C. Day <jessed10@uw.edu>

Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Subject: RE: Animal Shipments Out of Arizona

Jesse,

I am still working on this. I have spoken with another subject matter expert, Dr. Lisa Shubitz @ Univ of AZ. We need to have an internal meeting next week. As soon as we have a consensus on how to address the PT and Valley Fever issue, I will let you know.

Sorry for the delay but I think the information needs to be explained to our investigators.

Thanks,

Gregg Langham

From: Jesse C. Day <jessed10@uw.edu>

Sent: Wednesday, January 9, 2019 12:39 PM

To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>

Subject: RE: Animal Shipments Out of Arizona

Thanks for the update Greg, I'm sure it's hectic over there these days. Keep me posted.

Jesse Day

Administrator of Program Operations, DPR

Washington National Primate Research Center

(206)616-0154

jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Sent: Wednesday, January 9, 2019 9:35 AM

To: Jesse C. Day <jessed10@uw.edu>

Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>;

Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Subject: RE: Animal Shipments Out of Arizona

Jesse,

Believe it or not, I am still working on this. I have spoken with one of our in-house subject matter experts. I'm tracking down another one. Hopefully a conference call tomorrow.

Hang on !

Gregg

From: Jesse C. Day <jessed10@uw.edu>
Sent: Friday, January 4, 2019 11:16 AM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Gregg,

Just checking in. Tess tells me that you haven't contacted her yet, I wanted to let you know that she'll be out of the office this week and next (perhaps longer), but will be able to reply to any questions that you have via email. I'm hoping we can get back on track with finding the appropriate candidates to start this screening process in Arizona soon. If you have any other questions, please let me know.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Wednesday, December 19, 2018 6:38 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>;
Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

Thanks for the note. Yep, it's crazy here. This is a really bad time of the year for work related to the US government IMO.

I really don't like delay any more than necessary. We have experienced too many unexplained reasons for that. But, this subject is a bit bigger than I thought so be patient. I just located an in-house source for the subject matter but I will have to consult with them.

Gregg

Gregg Langham DVM MPH DACLAM

Comparative Medicine Branch
Centers for Disease Control & Prevention
1600 Clifton Road NE; Mail Stop G-28
Atlanta, GA 30333
P: (404) 639-3956
Fx: (404) 639-1388

From: Jesse C. Day <jessed10@uw.edu>

Sent: Tuesday, December 18, 2018 6:00 PM

To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>

Subject: RE: Animal Shipments Out of Arizona

Hi Greg,

I just wanted to get back in touch with you regarding additional screening candidates since I haven't heard back from you in a bit. I'm sure things are busy down there, hope all is well.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Jesse C. Day

Sent: Friday, December 7, 2018 7:41 AM

To: 'Langham, Gregory (CDC/DDID/NCEZID/DSR)' <gll1@cdc.gov>

Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>

Subject: RE: Animal Shipments Out of Arizona

Hi Greg,

Sure thing, I've Cc'd Tess on this email, she can help give you some guidance on this matter.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154

jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Friday, December 7, 2018 4:33 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

Can you give me the point of contact for your VF subject matter expert, Tess House? I would like to do a more homework before we make a hard decision of VF primates. Part of that is locating our own subject matter expert here at CDC. I'm pretty sure that we have one or more. I just need to dig a little and then have a consult.

Thanks,

Gregg Langham

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, December 6, 2018 10:51 AM
To: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Good Morning,

Thanks for the update – I'll add these to the screening group. In regards to getting more animals on the list, are you amenable to animals that were previously treated for valley fever but have tested with multiple negatives since then? This will significantly expand our pool of animals that are available, and in terms of our colony are treated as VF negative.

Also for the shipment that arrived, if you can send me the signed APHIS 7020 from when they were received for our records (scanned copy is fine), that would be much appreciated.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154

jessed10@uw.edu

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From: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Sent: Thursday, December 6, 2018 4:07 AM
To: Jesse C. Day <jessed10@uw.edu>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Hi Jesse,
Here are the animals that made the first cut for the next batch.

A10181
A12235
M11094
R10149
R10195
Z14150
Z14320

All of the new animals seem to be doing just fine. We have a 60 day quarantine so I won't have access until then.

Jim

Jim Smith, Ph.D.
Topical ARV Prophylaxis activity lead
CDC/DHAP/Laboratory Branch
Office:404 639-1312 Mobile:404 668-3419

Mailing address:
Centers for Disease Control and Prevention
Roybal Campus ATTN : James Smith
BLDG 17 / RM 3021 / MS A-25
1600 Clifton Road
Atlanta, GA 30329-4027

"People who say it cannot be done should not interrupt those who are doing it."

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, December 5, 2018 11:18 AM
To: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory

(CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>

Subject: FW: Animal Shipments Out of Arizona

Good Morning,

I just wanted to pass on this info that I got regarding R11007 who was also among the 14 records that I sent you last week.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Tess House <th81@uw.edu>
Sent: Tuesday, December 4, 2018 11:21 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Jesse,

R11007, also on the CDC list, arrested today during sedation for her ultrasound and physical. I just got a text message from Dr. Malinowski about this (I'm working remotely today). I'm so sorry to have more sad news on this end.

Tess

From: Tess House <th81@uw.edu>
Sent: Thursday, July 25, 2019 8:48 AM
To: Charlotte E. Hotchkiss
Subject: FW: Jim Murphy mentioned you in "NSAB Jan 2019 Breeding and VS - AZ specific portion".

Categories: Task listed

Hi Charlotte,

I've updated the valley fever numbers, just focusing on the total that are currently titer positive (22; currently we have 35 on treatment since we go 1 year past a negative titer). Is there anything else you'd like me to include for the AZ section?

Tess

From: Jim Murphy <murphyjm@uw.edu>
Sent: Wednesday, July 24, 2019 2:29 PM
To: Tess House <th81@uw.edu>
Subject: Jim Murphy mentioned you in "NSAB Jan 2019 Breeding and VS - AZ specific portion".

SharePoint



Jim Murphy mentioned you



NSAB Jan 2019 Breeding and VS - AZ specific portion.docx



Jim Murphy mentioned you

Open

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From: Charlotte E. Hotchkiss
Sent: Wednesday, June 12, 2019 12:52 PM
To: Jesse C. Day
Subject: FW: Testing needed for AZ-Seattle Moves

My brain has shut down. Do you remember what we do for Arizona animals? I was thinking that we do the cocci titers after they've been up here a couple of weeks, and that's why we set up a Protatek account for up here. Same sort of thing with virus – that we test them up here. Do you remember anything?

Charlotte

From: cmali <cmali@uw.edu>
Sent: Wednesday, June 12, 2019 12:45 PM
To: Charlotte E. Hotchkiss <chotchki@uw.edu>
Cc: Tess House <th81@uw.edu>; cjmead2 <cjmead2@uw.edu>
Subject: Testing needed for AZ-Seattle Moves

Hi Charlotte,

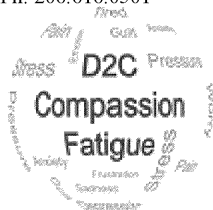
Caroline asked what samples you would like for the animals that we will be shipping to you (other than hair samples).

- Cocci titers?
- CBC/CHM?
- Virology?

Please let us know so we can plan ahead.

Thanks,
Carolyn

Carolyn Malinowski, MS, DVM, CMAR, CPIA
Senior Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



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From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Sunday, January 20, 2019 7:42 PM
To: Charlotte E. Hotchkiss; Rita U Bellanca; Kelly Morrisroe; Ben L Petersen
Subject: FW: Weekly Veterinary updates

I just wanted to keep you in the loop on the story unfolding in Arizona. I talked with Tess today and we will put our heads together this week to decide how to proceed. I'm not sure if we will get a chance to connect on Tuesday with NSAB so I wanted to pass on the email and let you know that we will discuss this coming week.

Thank you for all of your thoughts on this!

Sally

From: Tess House <th81@uw.edu>
Sent: Sunday, January 20, 2019 1:51 PM
To: Carl L. Trivette II <clt222@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>; cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; Danielle Parks <dp546@uw.edu>; Erika E. Evans <erikae4@uw.edu>; Geoff Lard <glard@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Jerry L. Adkins <adkinj@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; Mack Berg <mackberg@uw.edu>; owenmcc <owenmcc@uw.edu>; Raymond Gonzales <joann63@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; smintner <smintner@uw.edu>; Simone Diaz <sdiaz4@uw.edu>
Cc: Sally Thompson-Iritani <sti2@uw.edu>
Subject: FW: Weekly Veterinary updates

Good afternoon everyone-

I wanted to give an update on 112. Z14323 was one of the dams listed of interest to NYU for the shipment going out on February 11th. She gave birth overnight and it was noted this morning that the infant had two lacerations on the right forearm. Both dam and infant (Z19022, a female) were moved to 142 and I performed an exam on both today. There were no dislocations or fractures of the infant's right arm and she had good range of motion in the arm and is grasping well. The wounds were cleaned and antibiotics and pain relievers were given. Dam and baby are in 142, below ID14, and the infant has been observed grasping and nursing well. The infant appeared otherwise healthy on physical exam.

We have one other dam in this group that is on the NYU list, Z14367, and concerns were expressed to me this morning about her and her infant. I've discussed the situation with Caroline and Sally and we are going to move Z14367 today to 142 in the location below PDr2 to give birth in that room.

The next estimated due date for a birth in 112 is February 6th so we will allow overnight indoor/outdoor access for this group tonight. We will be evaluating the group daily and as the situation develops, it will involve ongoing discussions between husbandry, veterinary services, BMS, and Seattle. Please do not hesitate to reach out me via email or the phone if you have questions before we have our staff meeting on Wednesday. I will be in the colony tomorrow to catch up on some things since it is a normal workday for my daycare so-for those of you in tomorrow-I can talk with you then as well if you'd prefer an in-person.

Special thanks to those working today-Schante, Simone, Mack, Carl, and Erika-for your help with everything and Caroline, Kelly, and Jim for being available today to talk over the phone.

Best,
Dr. House

From: cmali <cmali@uw.edu>

Sent: Thursday, January 17, 2019 6:25 PM

To: Tess House <th81@uw.edu>; Danielle Parks <dp546@uw.edu>; Christopher M. Wozniak <chrisw36@uw.edu>; Geoff Lard <glard@uw.edu>; Carl L. Trivette II <clt222@uw.edu>; cjmead2 <cjmead2@uw.edu>; Jim Murphy <murphyjm@uw.edu>; Erika E. Evans <erikae4@uw.edu>; Mack Berg <mackberg@uw.edu>; Raymond Gonzales <joann63@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>; smintner <smintner@uw.edu>; owenmcc <owenmcc@uw.edu>; Schante M. Hodges <shodges3@uw.edu>; Jennifer A. Falbo <jfalbo1@uw.edu>; Simone Diaz <sdiaz4@uw.edu>; Jerry L. Adkins <adkinj@uw.edu>

Subject: Re: Weekly Veterinary updates

Hi all,

Quick update and change of plans for 112...

after further discussion with behavior, veterinary, and husbandry personnel we will keep 112 animals inside overnight and let them have outdoor access for as long as possible during the day. This change is a balance between concerns of animals dropping babies from heights and giving the animals more space. This plan may change again depending on clinical outcomes from upcoming births and after review of necropsy records of previous infant deaths to determine risks.

Kelly will update husbandry staff regarding timing of cleaning the outdoor 112 enclosure.

Please let us know if you have any questions or concerns.

Best,
Dr m

Sent from my iPhone

On Jan 17, 2019, at 1:03 PM, Tess House <th81@uw.edu> wrote:

Hello Team,

Here are the clinical updates for the past week: It's been a busy one!

- Z14141: had a c-section last week Thursday to prevent seizures occurring during the normal birth process. Surgery went well and the incision has been healing

well. Gave birth to a healthy baby boy (Z19006, 580g). Dam introductions the next day did not go as well as we had hoped and the infant was put back in the nursery for care. Vet techs has resumed TX for seizure medications.

- Z19005 (dam Z14320) on 1/10. This infant was slated for NYU but was found dead on 1/12 in the enclosure. Histopathology is pending.
- Z14320: fostered Z19006 onto dam on 1/14. Introduction went well and infant remains on dam.
- Z19002 (dam L08020) was pulled on 1/14 into the nursery and is destined for NYU.
- PdR2: on 1/10 this animal was report for a wound on her right thigh. The wound was an upward facing triangular skin flap (~4in sides to triangle). The wound was cleaned and sutured shut. Due to the direction of the skin injuries, blood flow was disrupted to the skin flap, causing it to necrose and shrivel. The wound is being managed as an open wound, allowing for healing by second intention (allowing the body to heal on its own). The bottom half of the skin flap remains in place and is healing.
- Z16358: this animal has pneumonia, likely from a secondary bacterial infection (also has VF). This animal continues to cough despite TX and repeat chest xrays are being taken tomorrow. Changes to the TX plan may occur depending on the results and further consult with Seattle.
- Z17072: pulled from 121 for weight loss. Exam is pending.
- K11143: pulled with infant from 242 on 1/15 for uterine infection. Culture is pending. She is being treated for infection.

Other updates:

- GREAT job on Wednesday with all the site preparations and tours!!! The facility looked AMAZING and many compliments were received about the facility and animals. We REALLY APPRECIATE all the effort and hard work that went into making Wednesday happen!!
- NYU infant ship date is Monday, Feb 11
- 112 enclosure will have indoor/outdoor access day and night (weather permitting) to give the animals more space as we approach the due dates for these naïve dams
- There are 2 more dams in 112 whose infants are slated for NYU. When the dams give birth, they will be pulled with the infants ASAP. All other dams in the enclosure will be allowed to give birth as normal.
- Dr M is out of the office from 1/18 and will be back on 1/24

Please let us know if you have any questions or concerns,

Best,
Drs H and M

From: Tess House <th81@uw.edu>
Sent: Wednesday, December 18, 2019 2:36 PM
To: aw656
Subject: Infant fluconazole and Serum fluconazole projects

Hi Amber,

The two VF related projects can be found below:

- 1) Infants exposed to fluconazole during pregnancy (comparison of body weights project that Adam and Rose also contributed a great deal on with respect to initial data organizing)

Z:\Arizona\Vet Services\Miscellaneous\Infant weight and fluconazole exposure

- 2) Serum fluconazole levels in animals on the fluconazole impregnated feed. There was a group of juveniles/young adults in 171 (at the time) on the feed that we looked at first and then later we looked at the 242 group (now the animals in 232) and compared them to other adults on fluconazole tablets. This project included the negotiation by John Hasenau to include Cyndi Holland of Protatek and Nathan Weiderhold from UT San Antonio Fungal Lab on as co-authors. The intention was for Rose and I to work on project 1 first and then tackle this project next.

Z:\Arizona\Vet Services\Miscellaneous\Serum Fluconazole Level Testing

Last contact information for Drs. Holland and Weiderhold are:

Cyndi Holland: cholland@pharmgate.com, phone is 480-545-8499, fax 480-545-8409 (note that even though these are Az numbers, she's based in Minneapolis/St. Paul)

Nathan Weiderhold: wiederholdn@uthscsa.edu, phone is 210-567-4086, fax 210-614-4250

I'm leaving John Hasenau's business card on your desk for you this afternoon. Let me know if you think of anything else. I'll try to hunt down the MoU for Drs. Holland and Weiderhold so you have that as well (finance should have it too).

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Tess House <th81@uw.edu>
Sent: Monday, November 18, 2019 1:48 PM
To: Bridget Marie Barker; cmali; Charlotte E. Hotchkiss
Subject: Introductions

Hi everyone-

I just wanted to make virtual introductions after Bridget toured the Arizona site today. Bridget is an assistant professor and associate director of the ABSL3 at NAU in Flagstaff, Az and studies valley fever. Charlotte is our head veterinarian in Seattle and oversees the breeding and genetics of the colony.

Charlotte-I met Bridget at the Cocci Study Group meeting in California this year and set her up with Melinda for occ health clearance (which she has for a year) for a tour here. Bridget and her graduate student are interested in potential collaborations with us and the possibility of taking soil samples and trapping rodents at ABC to further characterize cocci here. She is also interested in the MHC typing and evaluating if there is a genetic susceptibility component in the colony. I have already provided Bridget with the contact I have through Gail with the Community so she can reach out to them regarding how to obtain permissions for soil samples and trapping.

Bridget-thank you so much for visiting us today! We hope you enjoyed the visit as much as we did.

Tess and Carolyn

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Tess House <th81@uw.edu>
Sent: Friday, October 11, 2019 7:39 AM
To: cjmead2; aw656; cmali
Subject: New valley fever cases in 131

Good morning-

We have two new cases of valley fever in 131. One, unfortunately, is the breeder male A10229 and the other is L09006. She was a past VF case that was closed in 2018 (most recent prior positive titer was March 2017). The male has not been positive in the past, this is his first positive titer. They both have cases opened and treatment added.

There is a running list of VF cases in Teams in the VF group that will be updated as titer results roll in.
The document is Valley Fever case list. The top of the document is the list of cases when I was preparing the NSAB update and the more recent additions/subtractions of cases are listed below that.

Dr. H

From: cmali <cmali@uw.edu>
Sent: Monday, October 28, 2019 11:23 AM
To: cjmead2; smintner; Schante M. Hodges
Subject: New VF Cases

Hi Team,

Unfortunately we have new VF cases...

121: These cases will start fluconazole tomorrow with titer recheck in 1 month. If unable to treat in group, pull to 104.

- Z17142
- Z17150
- Z17161

103:

- Z19006 (Matty): pneumonia case. Already on fluconazole TX. Recheck titer in 1 month

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



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From: cmali <cmali@uw.edu>
Sent: Friday, December 20, 2019 10:45 AM
To: Sally Thompson-Iritani; Charlotte E. Hotchkiss
Subject: NSAB for AZ

Hi Sally and Charlotte,

Tess mentioned that you want an update on VF cases for AZ for the NSAB as well as updates on the new building.

Would you like this in powerpoint form or does it need to be written up ahead of time (similar to what Charlotte sent Him and I for NSAB updates)?

Please let me know what you expect/want and I will get it done!

Best,
Carolyn

Carolyn Malinowski, MS, DVM, CMAR, CPIA, DACLAM

Supervisory Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



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From: Tess House <th81@uw.edu>
Sent: Friday, July 12, 2019 3:23 PM
To: Charlotte E. Hotchkiss
Subject: Pre-shipment exams/bloodwork

Hi Charlotte,

Feel like I'm going a little cross-eyed but I've finished looking at all of the blood works. I manually entered the chemistries that didn't enter-some of these will have two rows for the comments section and I'm not sure why that happened.

Nothing too exciting on the bloods (nearly everyone had a high globulin flagged but I know you'll check cocci titers up there) but one of our males in 162 (Z13288) had a monocytosis and a lymphocytosis and has had these a few years ago. I'd like to recheck that when he arrives up there and also get a differential/microscopic review of the blood as well.

Our breeding male (from the old 112 group) that is a past Campy positive has been having fluid feces since we separated him from his two girlfriends on Tuesday for his exam. I started GI support asap on him but it's still pretty fluid so I started him on azithromycin today and gave him a baytril injection. We'll keep an eye on him.

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: Dean Jeffery <daj12@uw.edu>
Sent: Thursday, May 9, 2019 4:38 PM
To: Robert D. Murnane; Audrey Baldessari; Keith Vogel; Charlotte E. Hotchkiss; Kathryn A. Guerriero; Jason D. Laramore; Tess House; cmali
Subject: RE: 19-041 and 042 (Z19068 and Z14141)

Awesome history Arizona and cool report Bob! I'd definitely be watching for CNS disease (i.e. meningitis) in any future neck pain animals (great job detecting that!).

DJ

From: Robert D. Murnane <rmurnane@uw.edu>
Sent: Thursday, May 9, 2019 12:20 PM
To: Audrey Baldessari <aeb4@uw.edu>; Keith Vogel <vogelk@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>; Dean Jeffery <daj12@uw.edu>; Jason D. Laramore <jasonl73@uw.edu>; Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: 19-041 and 042 (Z19068 and Z14141)

Hi all:

Please find attached final reports on the above 2 cases. Interestingly, Z14141 was cerebral Valley Fever, and both animals were from the same dam who also was diagnosed clinically with Valley Fever.

Please contact me with any questions, comments or concerns.

Cheers
Bob

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 1:06 PM
To: Tess House
Subject: RE: Animal Shipments Out of Arizona

Confirmed on releasing the 7 in Arizona. Will keep you updated if I think we're looking at animals from here to complete the ~17 we need.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

I have a new email address! Please update your contacts accordingly with the email above.

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From: Tess House <th81@uw.edu>
Sent: Wednesday, February 6, 2019 12:40 PM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Ok, thank you Jesse for the update!

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 12:57 PM
To: Charlotte E. Hotchkiss <chotchki@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: FW: Animal Shipments Out of Arizona
Importance: High

Hi Charlotte/Tess,

It looks like Gregg wants to start with NIRC animals again for this group. I'm a little concerned that they've already rejected quite a few of them – we'll need to run the census and figure out who we can make available there and then I'll need to cross check it with ones they've previously rejected and figure out why. At least this will get us started, but I would absolutely bet that we'll need to screen some at Arizona given our prior success rates with animals at NIRC. If we're proceeding like this though I think we can release (for now) the 7 we had on the list in Arizona. I'll confirm that with Gregg to be sure though.

Thanks,

Jesse Day
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jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Wednesday, February 6, 2019 11:48 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona
Importance: High

Perfect timing. Let's get back on this but focus on the NIRC colony of pigtailed as our 1st choice. We will need to talk more once that is exhausted.

Send medical records for pre-screening.

Gregg

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 2:32 PM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Hi Gregg,

Just checking in on this since it's been a few weeks. I also am working on getting a PO set up for a separate order that's running through the CDC that I'm told you'll be the primary vet contact for, and the specs requested are very similar to this group, so this question will be gaining importance for that as well, just wanted to give you a heads up.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Jesse C. Day
Sent: Thursday, January 17, 2019 8:26 AM
To: 'Langham, Gregory (CDC/DDID/NCEZID/DSR)' <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Thanks for the update Gregg, I appreciate you keeping us in the loop. I absolutely understand that this should be cleared with and explained to the investigators so that they have all of the relevant information.

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Thursday, January 17, 2019 5:26 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

I am still working on this. I have spoken with another subject matter expert, Dr. Lisa Shubitz @ Univ of AZ. We need to have an internal meeting next week. As soon as we have a consensus on how to address the PT and Valley Fever issue, I will let you know.

Sorry for the delay but I think the information needs to be explained to our investigators.

Thanks,

Gregg Langham

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, January 9, 2019 12:39 PM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Thanks for the update Greg, I'm sure it's hectic over there these days. Keep me posted.

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Wednesday, January 9, 2019 9:35 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>;
Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

Believe it or not, I am still working on this. I have spoken with one of our in-house subject matter experts. I'm tracking down another one. Hopefully a conference call tomorrow.

Hang on !

Gregg

From: Jesse C. Day <jessed10@uw.edu>
Sent: Friday, January 4, 2019 11:16 AM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Gregg,

Just checking in. Tess tells me that you haven't contacted her yet, I wanted to let you know that she'll be out of the office this week and next (perhaps longer), but will be able to reply to any questions that you have via email. I'm hoping we can get back on track with finding the appropriate candidates to start this screening process in Arizona soon. If you have any other questions, please let me know.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Wednesday, December 19, 2018 6:38 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>;
Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

Thanks for the note. Yep, it's crazy here. This is a really bad time of the year for work related to the US government IMO.

I really don't like delay any more than necessary. We have experienced too many unexplained reasons for that. But, this subject is a bit bigger than I thought so be patient. I just located an in-house source for the subject matter but I will have to consult with them.

Gregg

Gregg Langham DVM MPH DACLAM
Comparative Medicine Branch
Centers for Disease Control & Prevention
1600 Clifton Road NE; Mail Stop G-28
Atlanta, GA 30333
P: (404) 639-3956
Fx: (404) 639-1388

From: Jesse C. Day <jessed10@uw.edu>
Sent: Tuesday, December 18, 2018 6:00 PM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>; Tess House <th81@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Greg,

I just wanted to get back in touch with you regarding additional screening candidates since I haven't heard back from you in a bit. I'm sure things are busy down there, hope all is well.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Jesse C. Day
Sent: Friday, December 7, 2018 7:41 AM
To: 'Langham, Gregory (CDC/DDID/NCEZID/DSR)' <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Tess House <th81@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Greg,

Sure thing, I've Cc'd Tess on this email, she can help give you some guidance on this matter.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Sent: Friday, December 7, 2018 4:33 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Jesse,

Can you give me the point of contact for your VF subject matter expert, Tess House? I would like to do a more homework before we make a hard decision of VF primates. Part of that is locating our own subject matter expert here at CDC. I'm pretty sure that we have one or more. I just need to dig a little and then have a consult.

Thanks,

Gregg Langham

From: Jesse C. Day <jessed10@uw.edu>
Sent: Thursday, December 6, 2018 10:51 AM
To: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Good Morning,

Thanks for the update – I'll add these to the screening group. In regards to getting more animals on the list, are you amenable to animals that were previously treated for valley fever but have tested with multiple negatives since then? This will significantly expand our pool of animals that are available, and in terms of our colony are treated as VF negative.

Also for the shipment that arrived, if you can send me the signed APHIS 7020 from when they were received for our records (scanned copy is fine), that would be much appreciated.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>
Sent: Thursday, December 6, 2018 4:07 AM
To: Jesse C. Day <jessed10@uw.edu>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

Hi Jesse,
Here are the animals that made the first cut for the next batch.

A10181

A12235
M11094
R10149
R10195
Z14150
Z14320

All of the new animals seem to be doing just fine. We have a 60 day quarantine so I won't have access until then.

Jim

Jim Smith, Ph.D.
Topical ARV Prophylaxis activity lead
CDC/DHAP/Laboratory Branch
Office:404 639-1312 Mobile:404 668-3419

Mailing address:
Centers for Disease Control and Prevention
Roybal Campus ATTN : James Smith
BLDG 17 / RM 3021 / MS A-25
1600 Clifton Road
Atlanta, GA 30329-4027

"People who say it cannot be done should not interrupt those who are doing it."

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, December 5, 2018 11:18 AM
To: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: FW: Animal Shipments Out of Arizona

Good Morning,

I just wanted to pass on this info that I got regarding R11007 who was also among the 14 records that I sent you last week.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
(206)616-0154
jessed10@uw.edu

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From: Tess House <th81@uw.edu>
Sent: Tuesday, December 4, 2018 11:21 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Jesse,

R11007, also on the CDC list, arrested today during sedation for her ultrasound and physical. I just got a text message from Dr. Malinowski about this (I'm working remotely today). I'm so sorry to have more sad news on this end.

Tess

From: Tess House <th81@uw.edu>
Sent: Wednesday, February 6, 2019 12:40 PM
To: Jesse C. Day
Subject: RE: Animal Shipments Out of Arizona

Ok, thank you Jesse for the update!

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 12:57 PM
To: Charlotte E. Hotchkiss <chotcki@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: FW: Animal Shipments Out of Arizona
Importance: High

Hi Charlotte/Tess,

It looks like Gregg wants to start with NIRC animals again for this group. I'm a little concerned that they've already rejected quite a few of them – we'll need to run the census and figure out who we can make available there and then I'll need to cross check it with ones they've previously rejected and figure out why. At least this will get us started, but I would absolutely bet that we'll need to screen some at Arizona given our prior success rates with animals at NIRC. If we're proceeding like this though I think we can release (for now) the 7 we had on the list in Arizona. I'll confirm that with Gregg to be sure though.

Thanks,

Jesse Day
Administrator of Program Operations, DPR
Washington National Primate Research Center
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Sent: Wednesday, February 6, 2019 11:48 AM
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Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <ajo9@cdc.gov>; Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona
Importance: High

Perfect timing. Let's get back on this but focus on the NIRC colony of pigtailed as our 1st choice. We will need to talk more once that is exhausted.

Send medical records for pre-screening.

Gregg

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 2:32 PM
To: Langham, Gregory (CDC/DDID/NCEZID/DSR) <gll1@cdc.gov>
Cc: Smith, James (CDC/DDID/NCHHSTP/DHPSE) <aio9@cdc.gov>
Subject: RE: Animal Shipments Out of Arizona

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A12235
M11094
R10149
R10195
Z14150
Z14320

All of the new animals seem to be doing just fine. We have a 60 day quarantine so I won't have access until then.

Jim

***Jim Smith, Ph.D.
Topical ARV Prophylaxis activity lead
CDC/DHAP/Laboratory Branch
Office:404 639-1312 Mobile:404 668-3419***

***Mailing address:
Centers for Disease Control and Prevention
Roybal Campus ATTN : James Smith
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Sent: Tuesday, December 4, 2018 11:21 AM
To: Jesse C. Day <jessed10@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Hi Jesse,

R11007, also on the CDC list, arrested today during sedation for her ultrasound and physical. I just got a text message from Dr. Malinowski about this (I'm working remotely today). I'm so sorry to have more sad news on this end.

Tess

From: Tess House <th81@uw.edu>
Sent: Wednesday, February 6, 2019 1:23 PM
To: Jesse C. Day
Subject: RE: Animal Shipments Out of Arizona

10-4. They will be re-introduced to their groups as we work our way through semi-annual exams.

Tess

From: Jesse C. Day <jessed10@uw.edu>
Sent: Wednesday, February 6, 2019 2:06 PM
To: Tess House <th81@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Animal Shipments Out of Arizona

Confirmed on releasing the 7 in Arizona. Will keep you updated if I think we're looking at animals from here to complete the ~17 we need.

Thanks,

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To: Jesse C. Day <jessed10@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>
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Ok, thank you Jesse for the update!

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To: Charlotte E. Hotchkiss <chotchki@uw.edu>
Cc: Tess House <th81@uw.edu>
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Importance: High

Hi Charlotte/Tess,

It looks like Gregg wants to start with NIRC animals again for this group. I'm a little concerned that they've already rejected quite a few of them – we'll need to run the census and figure out who we can make available there and then I'll need to cross check it with ones they've previously rejected and figure out why. At least this will get us started, but I would absolutely bet that we'll need to screen some at Arizona given our prior success rates with animals at NIRC. If we're proceeding like this though I think we can release (for now) the 7 we had on the list in Arizona. I'll confirm that with Gregg to be sure though.

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Perfect timing. Let's get back on this but focus on the NIRC colony of pigtailed as our 1st choice. We will need to talk more once that is exhausted.

Send medical records for pre-screening.

Gregg

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R11007, also on the CDC list, arrested today during sedation for her ultrasound and physical. I just got a text message from Dr. Malinowski about this (I'm working remotely today). I'm so sorry to have more sad news on this end.

Tess

From: Michael H Shim <mikeshim@uw.edu>
Sent: Monday, March 11, 2019 12:46 PM
To: Tess House
Subject: RE: ARMs comments when entering new animals

Unfortunately these are the only ones I could find in ARMS.

Would the comments as such be in anywhere else like the case comments or SOAP notes?

| | | | |
|--------|---|------------|---|
| Z14335 | F | 10/13/2014 | //10/15/14 Weaned from dam at 2 days of age due to maternal neglect/abuse. Infant to be raised in nursery. LC. |
| Z15043 | F | 3/1/2015 | infant not really holding on well at approx. 8 days (sometimes very low and not nursing) after sedation and exam, undersized weak infant was pulled and will rear in nursery. cac |
| Z15196 | M | 5/31/2015 | Infant born overnight, viable and healthy. Dam was shocky, pale, and had a prolapsed uterus on arrival at 6:30am. Infant was hypothermic, active and off dam at this time. Will be raised in the nursery. LC. |
| Z15203 | F | 6/3/2015 | Infant delivered by C-section. Dam is not lactating. Will raise in nursery. LC. |
| Z17175 | F | 6/30/2017 | Rejected from genetic dam (A10014 wt loss and GI) nursery reared-CJM |
| Z17253 | F | 9/6/2017 | Rejected from genetic dam R09149, nursery reared- CJM |
| Z18135 | F | 6/26/2018 | C-section, rejected from genetic dam M10190, nursery reared.- CJM |
| Z19020 | M | 1/19/2019 | Removed from genetic dam, due to premature (0.29kg) nursery reared, dam clinical case wt loss and GI concerns, VF Tx-CJM |

Thank you,

Michael Shim | mikeshim@uw.edu
206.543.0116 | 206.823.4140 (Mobile)

From: Tess House [mailto:th81@uw.edu]
Sent: Monday, March 11, 2019 11:44 AM
To: Michael H Shim <mikeshim@uw.edu>
Cc: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
Subject: RE: ARMs comments when entering new animals

Hi Mike,

I have two lists of animals to check that I'll copy below:

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| Z14027 |
| Z14055 |
| Z14140 |
| Z14258 |
| Z14323 |
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| Z14387 |
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| Z15103 |
| Z15263 |
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| Z15301 |
| Z15325 |
| Z15342 |
| Z15343 |
| Z15366 |
| Z15404 |
| Z16004 |
| Z16023 |
| Z16027 |
| Z16028 |
| Z16039 |
| Z16043 |
| Z16044 |
| Z16053 |
| Z16064 |
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| Z16069 |
| Z16076 |
| Z16092 |
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| Z18120 |
| Z18121 |

Tess

From: Michael H Shim <mikeshim@uw.edu>

Sent: Monday, March 11, 2019 10:55 AM

To: Tess House <th81@uw.edu>

Cc: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>

Subject: RE: ARMs comments when entering new animals

Sorry Tess, I was off on Friday.

Would you have any animal numbers?

Thank you,

Michael Shim | mikeshim@uw.edu
206.543.0116 | 206.823.4140 (Mobile)

From: Tess House [<mailto:th81@uw.edu>]
Sent: Thursday, March 07, 2019 1:39 PM
To: Michael H Shim <mikeshim@uw.edu>
Cc: cmali <cmali@uw.edu>; cjmead2 <cjmead2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
Subject: ARMs comments when entering new animals

Hi Mike,

I'm trying to determine which animals in Arizona were nursery reared and have found some notes on the Z drive but not much beyond 2016. Caroline Mead will add a comment in the animal information area in ARMS (where the dam and sire are listed) when this has happened in the past. Is there any way to create a list of animals that have a comment in this area?

Thanks for any help on this,
Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

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From: Tess House <th81@uw.edu>
Sent: Wednesday, February 13, 2019 10:04 AM
To: Charlotte E. Hotchkiss
Subject: Re: AZ VF Distribution

Hi Charlotte,

I'm guessing the old cases were due to more breeding groups upstairs but I'll let Jim/Kelly/Caroline confirm that.

Tess

From: Charlotte E. Hotchkiss <chotchki@uw.edu>
Sent: Wednesday, February 13, 2019 10:32:42 AM
To: cmali; Tess House; Jim Murphy; cjmead2; Kelly L. Carbone
Cc: Sally Thompson-Iritani
Subject: RE: AZ VF Distribution

It looks like there isn't much difference in new cases by location, but there was a big difference in old cases, with a lot more upstairs. Is that because there are more breeding groups with older animals upstairs while there are more juveniles downstairs?

Looking at this, it seems there's no difference in the incidence of new cases between upstairs and downstairs. This could either be because location and amount of outdoor access don't make a difference, or because the limited outdoor access downstairs offsets the higher risk of being lower. I don't know if there's any way to tell which of those is more accurate.

Charlotte

From: cmali <cmali@uw.edu>
Sent: Tuesday, February 12, 2019 10:13 AM
To: Tess House <th81@uw.edu>; Jim Murphy <murphyjm@uw.edu>; cjmead2 <cjmead2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>
Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: AZ VF Distribution

Hi Team,

Here is the data that I pulled together for 2018 VF cases. Please see the attached document and tabs across the bottom.

The difference between new VF cases in the upstairs and downstairs enclosures looks like a big difference on the chart but in reality it is only a difference of 2 animals...

I don't know how useful this data is without doing statistics to see how significant the differences are but here it is.

Best,
Dr M

Carolyn Malinowski, MS, DVM, CMAR, CPIA

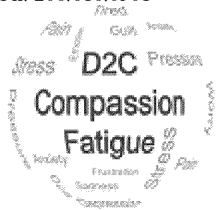
Senior Veterinarian

Washington National Primate Research Center/University of Washington

Arizona Breeding Colony

PO Box 20836, Mesa, AZ 85277

Ph: 206.616.0501



Dare 2 Care... | explore UW's Compassion Fatigue Program

From: Charlotte E. Hotchkiss
Sent: Wednesday, February 13, 2019 9:33 AM
To: cmali; Tess House; Jim Murphy; cjmead2; Kelly L. Carbone
Subject: RE: AZ VF Distribution

It looks like there isn't much difference in new cases by location, but there was a big difference in old cases, with a lot more upstairs. Is that because there are more breeding groups with older animals upstairs while there are more juveniles downstairs?

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Charlotte

From: cmali <cmali@uw.edu>
Sent: Tuesday, February 12, 2019 10:13 AM
To: Tess House <th81@uw.edu>; Jim Murphy <murphyjm@uw.edu>; cjmead2 <cjmead2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>
Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: AZ VF Distribution

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Best,
Dr M

Carolyn Malinowski, MS, DVM, CMAR, CPIA
Senior Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



Dare 2 Care... | explore UW's Compassion Fatigue Program

From: Tess House <th81@uw.edu>
Sent: Wednesday, February 13, 2019 2:03 PM
To: Charlotte E. Hotchkiss
Subject: Re: AZ VF Distribution

Caroline said the breeding groups in the past were upstairs.

From: Charlotte E. Hotchkiss <chotchki@uw.edu>
Sent: Wednesday, February 13, 2019 10:32:42 AM
To: cmali; Tess House; Jim Murphy; cjmead2; Kelly L. Carbone
Cc: Sally Thompson-Iritani
Subject: RE: AZ VF Distribution

It looks like there isn't much difference in new cases by location, but there was a big difference in old cases, with a lot more upstairs. Is that because there are more breeding groups with older animals upstairs while there are more juveniles downstairs?

Looking at this, it seems there's no difference in the incidence of new cases between upstairs and downstairs. This could either be because location and amount of outdoor access don't make a difference, or because the limited outdoor access downstairs offsets the higher risk of being lower. I don't know if there's any way to tell which of those is more accurate.

Charlotte

From: cmali <cmali@uw.edu>
Sent: Tuesday, February 12, 2019 10:13 AM
To: Tess House <th81@uw.edu>; Jim Murphy <murphyjm@uw.edu>; cjmead2 <cjmead2@uw.edu>; Kelly L. Carbone <kellyc29@uw.edu>
Cc: Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: AZ VF Distribution

Hi Team,

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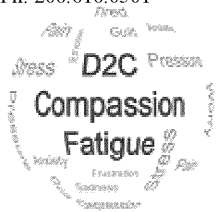
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Best,
Dr M

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center/University of Washington
Arizona Breeding Colony
PO Box 20836, Mesa, AZ 85277
Ph: 206.616.0501



Dare 2 Care... | explore UW's Compassion Fatigue Program

From: Kathryn A. Guerriero <kag18@uw.edu>
Sent: Thursday, January 3, 2019 8:13 PM
To: cmali; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Subject: Re: Case opinions Z16358

Hi Carolyn,

On my drive home tonight I was thinking about this case and was wondering when the last time this animal had a TB test done. I ask because these will have similar presentation on radiographs (and of course a cough) and the VF infection, altering this animal's immune system, has the potential to allow a latent TB infection to flourish. Anyway, it might be worth do a TB test and if you do get a BAL, you may want to consider sending it for TB PCR to rule that out (zoologix will run TB PCR, but you should contact them directly to confirm that they will take a sample from an animal with VF). Another option is to collect blood for TB serology (Intuitive Biosciences in Wisconsin will run this on macaque samples and the test is highly specific for tuberculosis causing mycobacterium). TB would be lower on my list for secondary bacterial infections if this animal has been negative before, but still definitely something that I would want to rule out.

Kate

From: Kathryn A. Guerriero
Sent: Thursday, January 3, 2019 12:23:48 PM
To: cmali; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Cc: Tess House
Subject: RE: Case opinions Z16358

I'm up for a discussion after rounds. Can we bring up the radiographs on the screen after rounds?

From: cmali <cmali@uw.edu>
Sent: Thursday, January 3, 2019 12:15 PM
To: Dean Jeffery <daj12@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: Re: Case opinions Z16358

sounds like a plan! Thanks!

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
PO Box 20836
Mesa, AZ 85277
Ph: 206.616.0501

From: Dean Jeffery <daj12@uw.edu>
Sent: Thursday, January 3, 2019 12:30:41 PM
To: Sally Thompson-Iritani; cmali; Charlotte E. Hotchkiss; Keith Vogel; Kathryn A. Guerriero
Cc: Tess House
Subject: RE: Case opinions Z16358

I haven't had time to look yet, but I love a good discussion. Once we've covered pertinent weekend stuff, I'll stick around.

DJ

From: Sally Thompson-Iritani [<mailto:sti2@uw.edu>]
Sent: Thursday, January 3, 2019 11:22 AM
To: cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: RE: Case opinions Z16358

Should we discuss this at the end of rounds today? That left thoracic cavity is interesting.

Sally

From: cmali <cmali@uw.edu>
Sent: Thursday, January 3, 2019 9:25 AM
To: Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: Case opinions Z16358

Hi All,

I would like some help with a case... ~2 yo M pigtail with indoor/outdoor access in a juvenile enclosure (weaned within last 6m). New Valley Fever Case, on TX with Fluconazole and Albuterol (for 1.5m) for cough. Moved into indoor hospital group cage when diagnosed. Cough not resolving. Repeat xrays yesterday are worse than previous ones (about a month ago). Started on pred about 5 days ago (before xrays). Heard coughing again today.

Please look at xrays, particularly the VD view.

Z:\Arizona\Vet Services\2019\Radiographs\Z16358

Plan to finish pred, continue albuterol and Fluconazole and repeat xrays 10D after pred ends .

Any thoughts or suggestions?

THANK YOU!!!

Carolyn

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

PO Box 20836

Mesa, AZ 85277

Ph: 206.616.0501

From: cmali <cmali@uw.edu>
Sent: Friday, January 4, 2019 6:09 AM
To: Kathryn A. Guerriero; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Subject: Re: Case opinions Z16358

Hi All,

After discussing with Tess, we have decided to forgo the BAL due to the potential human health hazard associated with VF. We will start empiric TX with Clavamox today and also do a TST.

THANK YOU for your advice and recommendations yesterday. It's a good thing to have so many other vets around for when I have brain lapses, like not thinking of secondary bacterial infection and just focusing on VF..... I VERY MUCH APPRECIATE your help!!!

Best,
Carolyn

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
PO Box 20836
Mesa, AZ 85277
Ph: 206.616.0501

From: Kathryn A. Guerriero <kag18@uw.edu>
Sent: Thursday, January 3, 2019 9:13:22 PM
To: cmali; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Cc: Tess House
Subject: Re: Case opinions Z16358

Hi Carolyn,

On my drive home tonight I was thinking about this case and was wondering when the last time this animal had a TB test done. I ask because these will have similar presentation on radiographs (and of course a cough) and the VF infection, altering this animal's immune system, has the potential to allow a latent TB infection to flourish. Anyway, it might be worth do a TB test and if you do get a BAL, you may want to consider sending it for TB PCR to rule that out (zoologix will run TB PCR, but you should contact them directly to confirm that they will take a sample from an animal with VF). Another option is to collect blood for TB serology (Intuitive Biosciences in Wisconsin will run this on macaque samples and the test is highly specific for tuberculosis causing mycobacterium). TB would be lower on my list for secondary

bacterial infections if this animal has been negative before, but still definitely something that I would want to rule out.

Kate

From: Kathryn A. Guerriero
Sent: Thursday, January 3, 2019 12:23:48 PM
To: cmali; Dean Jeffery; Sally Thompson-Iritani; Charlotte E. Hotchkiss; Keith Vogel
Cc: Tess House
Subject: RE: Case opinions Z16358

I'm up for a discussion after rounds. Can we bring up the radiographs on the screen after rounds?

From: cmali <cmali@uw.edu>
Sent: Thursday, January 3, 2019 12:15 PM
To: Dean Jeffery <daj12@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Charlotte E. Hotchkiss <chotchk@uw.edu>; Keith Vogel <vogelk@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>
Cc: Tess House <th81@uw.edu>
Subject: Re: Case opinions Z16358

sounds like a plan! Thanks!

Carolyn Malinowski, MS, DVM, CMAR, CPIA
Senior Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
PO Box 20836
Mesa, AZ 85277
Ph: 206.616.0501

From: Dean Jeffery <daj12@uw.edu>
Sent: Thursday, January 3, 2019 12:30:41 PM
To: Sally Thompson-Iritani; cmali; Charlotte E. Hotchkiss; Keith Vogel; Kathryn A. Guerriero
Cc: Tess House
Subject: RE: Case opinions Z16358

I haven't had time to look yet, but I love a good discussion. Once we've covered pertinent weekend stuff, I'll stick around.

DJ

From: Sally Thompson-Iritani [<mailto:sti2@uw.edu>]
Sent: Thursday, January 3, 2019 11:22 AM
To: cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchk@uw.edu>; Keith Vogel <vogelk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>

Cc: Tess House <th81@uw.edu>

Subject: RE: Case opinions Z16358

Should we discuss this at the end of rounds today? That left thoracic cavity is interesting.

Sally

From: cmali <cmali@uw.edu>

Sent: Thursday, January 3, 2019 9:25 AM

To: Charlotte E. Hotchkiss <chotchki@uw.edu>; Keith Vogel <vogelk@uw.edu>; Dean Jeffery <daj12@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>; Kathryn A. Guerriero <kag18@uw.edu>

Cc: Tess House <th81@uw.edu>

Subject: Case opinions Z16358

Hi All,

I would like some help with a case... ~2 yo M pigtail with indoor/outdoor access in a juvenile enclosure (weaned within last 6m). New Valley Fever Case, on TX with Fluconazole and Albuterol (for 1.5m) for cough. Moved into indoor hospital group cage when diagnosed. Cough not resolving. Repeat xrays yesterday are worse than previous ones (about a month ago). Started on pred about 5 days ago (before xrays). Heard coughing again today.

Please look at xrays, particularly the VD view.

Z:\Arizona\Vet Services\2019\Radiographs\Z16358

Plan to finish pred, continue albuterol and Fluconazole and repeat xrays 10D after pred ends .

Any thoughts or suggestions?

THANK YOU!!!

Carolyn

Carolyn Malinowski, MS, DVM, CMAR, CPIA

Senior Veterinarian

Washington National Primate Research Center

Arizona Breeding Colony

PO Box 20836

Mesa, AZ 85277

Ph: 206.616.0501

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Thursday, December 19, 2019 3:10 PM
To: Tess House
Subject: RE: Cocci in humans

Thank you Tess!

Sally

From: Tess House <th81@uw.edu>
Sent: Thursday, December 19, 2019 10:46 AM
To: Sally Thompson-Iritani <sti2@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchki@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Subject: Cocci in humans

Hi Sally,

I'm not seeing much on the publication side yet for data from 2019 and it sounded from the discussions with Dr. Barker that they were still gathering data at Arizona Health Services. They are suspecting that our milder summer (not mild in terms of temperature but mild in terms of rain) this year is a contributing factor. Usually the data is something AHS will try to present on at the April Cocci Study Group meeting. The meeting in 2020 will be in Tucson so it will be very interesting to hear about the unusual cases they've had on the human side.

<https://www.kold.com/2019/09/03/experts-are-seeing-an-increase-valley-fever-cases-reported-arizona-why/>

One of the more recent publications that came out was the CDC's study on air filters but this was all data from the 2015 and 2016 seasons. This was something that Dr. Barker and her grad student discussed with Carolyn and I at ABC in addition to soil samples.

<https://www.ncbi.nlm.nih.gov/pubmed/31506673>

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Tess House <th81@uw.edu>
Sent: Monday, October 28, 2019 11:02 AM
To: cjmead2; cmali; aw656
Subject: RE: Cocci Results

We have three new cases from the 10/15 exams: Z16053, Z16203, Z16342. All current cases in this group are either not yet to one year of negative titers or are stable.

I have updated the Valley Fever Teams case list document to include the endpoint (Z17170) from last week and our current nursery case Z19006 as well as the three listed above.

Dr. H

From: cjmead2 <cjmead2@uw.edu>
Sent: Monday, October 28, 2019 6:36 AM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Subject: Cocci Results

TB Exams dates cocci 10/14 and 10/15 downloaded into panel reports.
Z19006 cocci titer IgM 1:2 and IgG 1: 32

Thanks,
Caroline

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Monday, October 28, 2019 6:30 PM
To: Tess House; cjmead2; cmali; aw656
Subject: RE: Cocci Results

Sorry to hear this - thank you for taking good care of them.

Sally

From: Tess House <th81@uw.edu>
Sent: Monday, October 28, 2019 11:02 AM
To: cjmead2 <cjmead2@uw.edu>; cmali <cmali@uw.edu>; aw656 <aw656@uw.edu>
Cc: Charlotte E. Hotchkiss <chotchk@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
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Thanks,
Caroline

From: Tess House <th81@uw.edu>
Sent: Friday, September 13, 2019 2:04 PM
To: cjmead2; cmali
Subject: RE: Cocci Titer Results

Thank you Caroline for letting me know.

We have one new case (L03132) who was positive a few years ago. Her IgG was a low positive but she was negative this spring. I've opened a case on her and she will begin treatment again tomorrow with a recheck scheduled.

L06156, R11037, and L10152 are stable.

F08132 and Z12342 were negative but not yet to a year of negative titers, hopefully we can close their cases next spring.

Thank you!
Dr. H

From: cjmead2 <cjmead2@uw.edu>
Sent: Friday, September 13, 2019 10:56 AM
To: Tess House <th81@uw.edu>; cmali <cmali@uw.edu>
Subject: Cocci Titer Results

TB Exams on 9/3 cocci results downloaded into panel reports

CJM

From: Erik Sheker <esheker@uw.edu>
Sent: Wednesday, April 17, 2019 9:43 AM
To: Ben L Petersen
Subject: RE: Coccidioidomycosis testing of quarantined AZ animals in Seattle

Thanks Ben.

Britni & Charlotte,

Do you recall needing to test any AZ animals in quarantine for Valley Fever last year?

Do you have an estimate on how many animals per year would need to be tested? Last year we said 40.

Thank you,

Erik Sheker

Financial Services Team

Box 357330

esheker@uw.edu

(206)221-8655 OFFICE

OFFICE HOURS: 6.30a – 3p M, T, Th, F | 6.30a -2p W

Telecommute 3p -4p W

W UNIVERSITY of WASHINGTON

From: Ben L Petersen <redeye@uw.edu>
Sent: Wednesday, April 17, 2019 9:29 AM
To: Erik Sheker <esheker@uw.edu>
Cc: Erik Sheker <esheker@uw.edu>; Britni C. Curtis <britcurt@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Coccidioidomycosis testing of quarantined AZ animals in Seattle

Hi Erik,

I don't really see the submission forms or the invoices on the valley fever testing so Britni or Charlotte would be the best ones to ask.

Ben

From: Erik Sheker [<mailto:esheker@uw.edu>]
Sent: Wednesday, April 17, 2019 8:55 AM
To: Ben L Petersen <redeye@uw.edu>
Cc: Erik Sheker <esheker@uw.edu>
Subject: Coccidioidomycosis testing of quarantined AZ animals in Seattle

Hi Ben,

I am working on the Protatek standing order for Jim in AZ. Do you know of any testing we needed to do in Seattle over the last year for AZ animals that were in quarantine? Pp 959384 and bpo31137 were set up for that purpose (in addition to all the AZ testing).

Thank you,

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W UNIVERSITY of WASHINGTON

From: Charlotte E. Hotchkiss
Sent: Thursday, April 18, 2019 8:06 AM
To: Erik Sheker; Ben L Petersen
Subject: RE: Coccidioidomycosis testing of quarantined AZ animals in Seattle

I've been asked this question three different times in the past month, and I'll put in writing what I've told people verbally.

We have two animals in Seattle that remain cocci positive, and I plan to test them once or twice each in the next year.

We are working on bringing about 50 animals from Arizona to Seattle in the next month or two, and will need to test some of them. I do not know how many of them will need testing, but my best overall estimate is that we will need to run approximately 25 cocci tests from Seattle in the next year. Whether the tests are run in quarantine or not is irrelevant, in my opinion.

Charlotte

From: Erik Sheker <esheker@uw.edu>
Sent: Wednesday, April 17, 2019 9:43 AM
To: Ben L Petersen <redeye@uw.edu>
Cc: Britni C. Curtis <britcurt@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>
Subject: RE: Coccidioidomycosis testing of quarantined AZ animals in Seattle

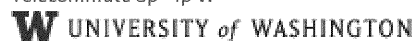
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Do you have an estimate on how many animals per year would need to be tested? Last year we said 40.

Thank you,

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W UNIVERSITY of WASHINGTON

From: aw656 <aw656@uw.edu>
Sent: Tuesday, December 24, 2019 11:47 AM
To: Charlotte E. Hotchkiss; Tess House
Subject: RE: Infant fluconazole and Serum fluconazole projects

Hello Charlotte,

Thank you for all the great info! I am currently researching and catching up with everything that has been started with hopes to keep the projects moving forward. I look forward to reviewing the stats and will be reaching out with questions as they arise. I look forward to working with you and thank you again for getting this data analyzed!

-Amber

From: Charlotte E. Hotchkiss <chotchki@uw.edu>
Sent: Tuesday, December 24, 2019 11:48 AM
To: Tess House <th81@uw.edu>; aw656 <aw656@uw.edu>
Cc: cmali <cmali@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
Subject: RE: Infant fluconazole and Serum fluconazole projects

I did try to run statistics on the infant data. Unfortunately, I got different results depending on how I set up the statistical model. Most of it I understand, but there are a few places I got really weird results and I don't know why. I've attached my summary.

Charlotte

From: Tess House <th81@uw.edu>
Sent: Wednesday, December 18, 2019 2:36 PM
To: aw656 <aw656@uw.edu>
Cc: cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
Subject: Infant fluconazole and Serum fluconazole projects

Hi Amber,

The two VF related projects can be found below:

- 1) Infants exposed to fluconazole during pregnancy (comparison of body weights project that Adam and Rose also contributed a great deal on with respect to initial data organizing)

Z:\Arizona\Vet Services\Miscellaneous\Infant weight and fluconazole exposure

- 2) Serum fluconazole levels in animals on the fluconazole impregnated feed. There was a group of juveniles/young adults in 171 (at the time) on the feed that we looked at first and then later we looked at the 242 group (now the animals in 232) and compared them to other adults on fluconazole tablets. This project included the negotiation by John Hasenau to include Cyndi

Holland of Protatek and Nathan Weiderhold from UT San Antonio Fungal Lab on as co-authors.
The intention was for Rose and I to work on project 1 first and then tackle this project next.

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Last contact information for Drs. Holland and Weiderhold are:

Cyndi Holland: cholland@pharmgate.com, phone is 480-545-8499, fax 480-545-8409 (note that even though these are Az numbers, she's based in Minneapolis/St. Paul)

Nathan Weiderhold: wiederholdn@uthscsa.edu, phone is 210-567-4086, fax 210-614-4250

I'm leaving John Hasenau's business card on your desk for you this afternoon. Let me know if you think of anything else. I'll try to hunt down the MoU for Drs. Holland and Weiderhold so you have that as well (finance should have it too).

Tess

Theresa (Tess) House, DVM MPH
Supervisory Veterinarian
Washington National Primate Research Center
Arizona Breeding Colony
Office phone 206.685.1842
Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Sally Thompson-Iritani <sti2@uw.edu>
Sent: Wednesday, December 18, 2019 5:18 PM
To: Tess House; aw656
Subject: RE: Infant fluconazole and Serum fluconazole projects

Thank you so much Tess! I also have John's contact information.

Sally

From: Tess House <th81@uw.edu>
Sent: Wednesday, December 18, 2019 2:36 PM
To: aw656 <aw656@uw.edu>
Cc: cmali <cmali@uw.edu>; Charlotte E. Hotchkiss <chotchki@uw.edu>; Sally Thompson-Iritani <sti2@uw.edu>
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Mailing address- P.O. Box 20836/Mesa, AZ 85277

From: Tess House <th81@uw.edu>
Sent: Friday, December 27, 2019 2:09 PM
To: aw656; Charlotte E. Hotchkiss
Subject: RE: Infant fluconazole and Serum fluconazole projects

Hi Amber-

If you and/or Charlotte have any questions for Rose or need any clarification from her, her e-mail address is rkroeker@comcast.net. I did let her know this fall that I was leaving the center and that the project would be picked up and carried on.

Tess

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To: Charlotte E. Hotchkiss <chotchki@uw.edu>; Tess House <th81@uw.edu>
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