## Cummings School of Veterinary Medicine

Clinical Pathology Laboratory 200 Westboro Road North Grafton, MA 01536

#### **UPLICATE**

Name/DOB: Helping Hands, Allie (2/1/1989)

Patient ID: 513555

Sex: F

Provider: Julianne Richard

Phone number:

Collection Date: 10/19/2021 10:53 AM Approval date: 11/6/2021 3:21 PM

Age: 32 Species: Primate

Breed: Capuchin Monkey

Order Location: Foster Hospital for Small Animals Sample ID: N21-606

## **AUTOPSY REPORT**

## Gross Examination:

A 32-year-old, 2.2 kg, female, black/brown capuchin monkey black/brown was examined at 2:00 pm on October 19, 2021. There was mild autolysis. The body condition is 5/9 with moderate adipose tissue and muscle mass. In the dorsal region at the level of the lumbosacral region there is a focally extensive alopecia that extends dorsally to the middle portion of the tail.

In the thoracic cavity, there are about 60 ml of a translucent serous fluid (hydrothorax). The heart is rounded and moderately enlarged with the apex mildly rounded. In the left atrium there is a raised, irregularly shaped, pale light yellow-gray, vegetation ranging from 1.5 x 1 x 1 cm (mural endocarditis - presumptive). The heart weighs 13 gr (0.5% of body weight) with the left ventricular free wall, right ventricular free wall, and interventricular septum measure 5 mm, 4 mm, and 1 mm in width respectively so the L:R ratio is 1:1. In the pericardium there is 5 ml of translucent serous fluid (hydropericardium).

In the abdominal cavity, there are about 30 ml of a translucent serous fluid (ascites). In the liver, there is accentuation of the centrilobular pattern evidenced by the dark-brown areas alternating with pale tan-brown periportal zones of normal tissue (subacute to chronic passive congestion). The liver weighs 159 gr (7.2% of body weight, adult normal of most species is 3 %). The stomach is filled with a moderate amount of ingesta. The small and large intestine are in correct anatomical position and contain a moderate amount of digesta.

#### Summary of Gross Findings:

- Thoracic cavity: Hydrothorax severe (pleural effusion) 1.
- 2. Heart - Left atrium: mural endocarditis (presumptive), chronic, focally extensive, severe
- 3. Pericardium: Hydropericardium Moderate
- 4. Abdominal Cavity: Ascites severe
- 5. Liver: Chronic passive congestion, diffuse, severe

Histopathology is pending.

## Microscopic Examination:

The following tissues were examined: heart (1-2), lung (3), liver (4), kidney (5), and brain (6-8).

Heart: Focally extensively, and expanding, infiltrating and separating the subjacent myofibers of the left atrium, there is abundant eosinophilic beaded to fibrillar material (fibrin), hemorrhage, and clear space (edema), admixed with moderate numbers of viable and degenerated neutrophils, and eosinophilic cellular and karyorrhectic debris (necrosis). Multifocally, in the interstitium of the myocardium, there is an infiltrate of neutrophils, lymphocytes, moderate amounts of clear space (edema), and eosinophilic fibrillar material (fibrin). Multifocally, within affected areas, cardiac myocytes are swollen with vacuolated sarcoplasm (degeneration). Multifocally, attached to the vessel wall, there is an aggregate of eosinophilic fibrillar material (fibrin) arranged in laminated layers, and mixed with degenerated neutrophils and cellular debris (thrombi). Multifocally, there are large numbers of bacterial colonies evident on the endocardium, that resemble cocci.

Sample ID: N21-606/1 This report continues... (FINAL)

Reviewed by:

# Cummings—chool of Veterinary Medicine

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Age: 32 Species: Primate

Breed: Capuchin Monkey

Provider: Julianne Richard

Order Location: Foster Hospital for Small Animals

Sample ID: N21-606

Liver: Affecting approximately 80% of the liver parenchyma, there is diffuse, moderate centrilobular to midzonal 2. dilation of sinusoids filled with erythrocytes (congestion) and extravasation of erythrocytes (hemorrhage). In the portal areas, there is moderate retention of architecture with hepatocytes containing variably-sized, clear vacuoles (lipid-type vacuolar degeneration). The following tissues were examined: heart (1-2), lung (3), liver (4), kidney (5), and brain (6-8).

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- Liver: Affecting approximately 80% of the liver parenchyma, there is diffuse, moderate centrilobular to midzonal dilation of sinusoids filled with erythrocytes (congestion) and extravasation of erythrocytes (hemorrhage). In the portal areas, there is moderate retention of architecture with hepatocytes containing variably-sized, clear vacuoles (lipid-type vacuolar degeneration).

#### Summary of Microscopic Findings:

- Heart left atrium: Endocarditis, suppurative and fibrinous, chronic-active, focally extensive, severe with myocarditis, suppurative, multifocal, with thrombus formation and intralesional bacteria colonies.
- Liver: Congestion and hemorrhage, centrilobular to midzonal, diffuse, severe, with lipid-type vacuolar degeneration (chronic passive congestion).

#### Final Anatomic Diagnosis:

Right and left sided heart failure

#### Comment:

The macroscopic and microscopic findings observed in this animal are indicative of right-sided and left-sided heart failure. The degenerative and inflammatory lesions in the left atrium (endocarditis) observed in this animal produced left-sided heart failure due to obstruction of blood flow out of the left atrium. The pathogenic condition on the right side of the heart progressively produced the chronic passive congestion lesions seen in the liver. Right-sided congestive heart failure results from a poor return of venous blood to the heart, leading to congestive problems and fluid accumulation in the abdominal and thoracic cavities and congestive problems in the liver. These alterations produce respiratory and metabolic problems in the animal that can lead to progressive impairment and / or death of the animal.

The finding of mural endocarditis was unexpected in this animal.

Sample	ID:	N21-606/2	
This rep	ort o	continues	(FINAL)

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Breed: Capuchin Monkey

Electronically Signed by 11/6/2021@3:21 PM

Shelley Newmon Shelley Newman, DVM, DVSc

Diplomate ACVP (Anatomic Pathology)

Sample ID: N21-606/3 END OF REPORT (FINAL)

Reviewed by: \_\_\_\_ Page 3

From: Sullivan, Patrick

Sent: Monday, October 18, 2021 5:07 PM

To: Richard, Julianne N.; Graham, Jennifer; Allyson Migneault; Dr. Ashley Lange

Cc: Brittany Sprague

Subject: Re: Update on Allie

Hi Julianne,

I wouldn't be able to get her in until wednesday at the earliest. Looks like Tufts is the best option for them. Thanks for fitting them in so quickly.

From: Richard, Julianne N. < Julianne. Richard@tufts.edu>

Sent: Monday, October 18, 2021 2:46:47 PM

To: Sullivan, Patrick; Graham, Jennifer; Allyson Migneault; Dr. Ashley Lange

Cc: Brittany Sprague

Subject: Re: Update on Allie

Hi all - we have her scheduled here at 10am tomorrow unless you can get her in earlier, Patrick.

Sincerely,

Julianne Richard, DVM, CertAqV Zoological Companion Animal Resident, Cummings School of Vet. Medicine at Tufts MPH Candidate, Tufts School of Medicine

From: Sullivan, Patrick < PSullivan@mspca.org > Sent: Monday, October 18, 2021 1:38 PM

To: Graham, Jennifer < Jennifer. Graham@tufts.edu>; Allyson Migneault

<allysonm@monkeyhelpers.org>; Dr. Ashley Lange <iange@cccvetservice.com>

Cc: Brittany Sprague <bri>cvt@gmail.com>; Richard, Julianne N. <Julianne.Richard@tufts.edu>

Subject: Re: Update on Allie

Hi All.

Just getting back in town and going through emails. I'm sure I can find time this week, I'll just email my techs now to see about scheduling etc. I'll get back to everyone as soon as I know more.

I'm sorry guys, I wish we could have stabilized her a bit more for you.

Patrick

From: Graham, Jennifer < Jennifer. Graham@tufts.edu>

Sent: Monday, October 18, 2021 1:32:39 PM

To: Allyson Migneault; Dr. Ashley Lange; Sullivan, Patrick

Cc: Brittany Sprague; Richard, Julianne N.

Subject: RE: Update on Allie

Hi Allyson – We are so sorry about Allie. I am not on clinics this week but I am guessing Julianne could help arrange something if Patrick is not available. Thanks - Jennifer

Jennifer Graham, DVM, DABVP (Avian / Exotic Companion Mammal), DACZM Associate Professor of Zoological Companion Animal Medicine Department of Clinical Sciences Cummings School of Veterinary Medicine at Tufts University 200 Westboro Rd North Grafton, MA 01536

Phone: 508-839-5395 Fax: 508-839-7942

From: Allyson Migneault <allysonm@monkeyhelpers.org>

Sent: Saturday, October 16, 2021 3:55 PM

To: Dr. Ashley Lange <a href="mailto:sullivan">lange@cccvetservice.com</a>; Patrick Sullivan <a href="mailto:PSullivan@mspca.org">PSullivan@mspca.org</a>; Graham,

Jennifer < Jennifer. Graham@tufts.edu>

Cc: Brittany Sprague <bri>tanyscvt@gmail.com>

Subject: Update on Allie

#### Hey Everyone-

Just wanted to give another update on Allie. Thursday into Friday she was doing really well- stopped vomiting and was eating pretty well. We were hopeful we would be able to get her in for an ultrasound. Unfortunately, yesterday and today she is declining slowly. She is at home with Alison for the weekend getting loved up. She is not eating much- even good stuff like fresh fruit and a little frosting. We were wondering if anyone had any availability this week to humanely euthanize her. Let me know if this is a possibility. We're super bummed since she seemed more stable a few days ago but now she just seems tired. Thanks.

-Allyson

Sent from my iPhone

On Oct 13, 2021, at 12:18 PM, Dr. Ashley Lange <a href="mailto:lange@cccvetservice.com/">cccvetservice.com/</a> wrote: I agree with Dr. Sullivan and Dr. Graham.

Based on the lack of breathing abnormalities and vomiting, I'm not sure starting furosemide in any form would help, and may make the situation worse by exacerbating any underlying dehydration that could be occurring concurrently based on some unknown cause. I would use furosemide only as needed for any respiratory abnormalities (increased respiratory rate/effort, coughing). Furosemide can be given

injectably (but it can sting and result in subcutaneous granuloma formation) or orally. Transdermal absorption is usually only used as a last result as the absorption is extremely variable.

It seems like this is more than just cardiac.

Ashley

Dr. Ashley Lange
Coast to Coast Cardiology
www.CCCvetService.com<a href="http://www.CCCvetService.com">http://www.CCCvetService.com<a href="http://www.ccc.com">http://www.ccc.com<a href="http://www.ccc.com">http://www.ccc

On Oct 13, 2021, at 11:53 AM, Graham, Jennifer </p

You can give it injectably but I am going to guess that is not an option? I am not sure if this can be given transdermally. If you aren't planning to pursue treatment for any of the potential issues, then I don't think putting her through diagnostics makes sense. We can sometimes prolong quality of life if we know more about what is causing problems but if you can't medicate her then it is a moot point as my guess is that most anything we would want to do involves directly medicating.

Jennifer Graham, DVM, DABVP (Avian / Exotic Companion Mammal), DACZM Associate Professor of Zoological Companion Animal Medicine Department of Clinical Sciences Cummings School of Veterinary Medicine at Tufts University 200 Westboro Rd North Grafton, MA 01536

Phone: 508-839-5395 Fax: 508-839-7942

From: Brittany Sprague <bri>drittanyscvt@gmail.com<mailto:brittanyscvt@gmail.com>>

Sent: Wednesday, October 13, 2021 11:42 AM

To: Sullivan, Patrick < PSullivan@mspca.org < mailto: PSullivan@mspca.org >>

Cc: Allyson Migneault <allysonm@monkeyhelpers.org<mailto:allysonm@monkeyhelpers.org>>; Graham, Jennifer <Jennifer.Graham@tufts.edu<mailto:Jennifer.Graham@tufts.edu>>; Ashley Lange

<lange@cccvetservice.com<mailto:lange@cccvetservice.com>>

Subject: Re: Update on Allie

Hey Everyone!

Thank you all for your help with Allie. Allyson's been filling me in on the case the last few days. A few questions I have regarding further work ups would be - if finding out what "badness" is causing the CHF, would it change the outcome or treatment plan? Since we would likely not pursue any surgery, chemotherapy, etc. If all roads lead to furosemide to make her more comfortable, are there any other forms to get that into her besides orally?

We don't want to give up on options for her, but also want to be realistic and not prolong any suffering.

We appreciate your input!

Britt

On Wed, Oct 13, 2021 at 11:34 AM Sullivan, Patrick

<PSullivan@mspca.org<mailto:PSullivan@mspca.org>> wrote:

I'm certainly concerned that it may be something other than just heart disease. I think if we aren't able to get meds into her and hopefully see some improvement soon, I would consider euthanasia based on poor quality of life. Curious to get everyone else's thoughts.

Thanks, Patrick

----Original Message----

From: Allyson Migneault [mailto:allysonm@monkeyhelpers.org<mailto:allysonm@monkeyhelpers.org>]

Sent: Wednesday, October 13, 2021 11:30 AM

To: Sullivan, Patrick < PSullivan@mspca.org < mailto: PSullivan@mspca.org >>; Dr. Jennifer Graham

<Jennifer.Graham@tufts.edu<mailto:Jennifer.Graham@tufts.edu>>; Ashley Lange

<lange@cccvetservice.com<mailto:lange@cccvetservice.com>>

Cc: Brittany Sprague <bri>de sprittanyscvt@gmail.com<mailto:brittanyscvt@gmail.com<>>

Subject: Update on Allie

Hi All-

Just wanted to give an update on Allie. Alison took her home last night to monitor her. She vomited throughout the night. When I came in this am she is alert but def. weak and just snuggling with Alison. She is looking slightly grayish but breathing isn't labored. I just wanted to get everyone's feedback with what our next steps should be. We're hesitant on doing an ultrasound right now since she looks so weak. She's eating oatmeal but not much else so if we were to do furosemide we're not sure how we'd get it into her. We want to do the best we can for Allie but want to make sure we're not just prolonging the inevitable. Let me know your thoughts.. Thanks- we appreciate all your help and feedback!

-Allyson

Sent from my iPhone

This message and its attachments may be confidential and may contain information which is protected by copyright.

# **SOAP - AE Small Mammal**

Oct 07, 2021

Helping Hands,

541 Cambridge St.

Allston, Massachusetts, United States

02134

Acc. No: 207922

Phone: Other - (781) 307-8897

Patient:

Doctor:

Allie

Species: E Mammal

Monkey

Breed: Color:

Sullivan, DVM Patrick

DOB: Feb 1, 1989

Age: 32 Years 8m 6d Old

Sex: SF

Tag:

Weight: 2.22 kg.

#### **Presenting Complaint**

5.12.21 R/O benign v malignant mass v skeletal deformity v trauma v other; Muscle wasting - R/O metabolic dz v hypoxia v neoplasia v other 10.16.19 Apparently healthy

## Subjective

Athtude: QAR (Quiet Alert Responsive)

Hydration: euhydrated

Pain Score: 0

## Objective .

BCS: 3/9

Pulse: 170

Respiration: 60

Panting: No

Oral: n gingiva, no teeth noted

Nasal: nares clear

Ocular: ou clear

Aural: au clear

CV: nma, nsr

Resp: lungs clear on ausc

GI/"ABD": soft w/ palp structure in cr abd - non-reactive on palp

MS: ambul x 4 w/ generalized muscle wasting

Integ: dull coat, no specific lesions noted

UG Assessment: externally n

Neuro: n mentation, no deficits noted

#### **Assessment**

## Plan

#### Sedation:

- Midazolam: 0.45mg IM - Ketamine: 11mg IM

0.02 human tuberculin OS ID dorsal palpebral fold

CBC/chem drawn from R femoral v

PCV/TS: 50/7 BG: 140mg/dL Radiographs

Consider AUS based on lab findings



## Brittany Sprague <bri>drittanys@monkeyhelpers.org>

#### **Blood results**

1 message

Sullivan, Patrick < PSullivan@mspca.org>

Fri, Oct 18, 2019 at 11:12 PM

To: Brittany Sprague <a href="mailto:Sprague">brittanys@monkeyhelpers.org</a>, Allyson Migneault <a href="mailto:Allysonm@monkeyhelpers.org">allyson@monkeyhelpers.org</a>,

Here are the summaries of this weeks patients.

Rebecca: WBC count is normal, but the percentage of neutrophils is increased. this may be just an incidental finding. Without symptoms of illness I would just monitor. ALT, a liver enzyme, is slightly elevated. Again, this is probably incidental and not indicative of true liver dz. Otherwise everything looks pretty good.

Allie: Another slight increase in the percentage of neutrophils, very slightly. I wouldn't work this up. Otherwise nothing concerning on this patient.

Shelly: This looks pretty boring, nothing concerning.

Murray: ALT slightly increased, not enough to work up. Otherwise uneventful.

Several patients had elevations in amylase, which may indicate nausea, as Brittany was saying Dr. Poling had mentioned. Let me know if there are any other questions or concerns,

Thanks,

Sullivan

# **SOAP - AE Small Mammal**

Oct 16, 2019

Helping Hands,

541 Cambridge St.

Allston, Massachusetts, United States

02134

Acc. No: 207922

Phone: Home - (617) 787-4419

Patient:

Breed:

Color:

Allie

Species: E Mammal

Monkey

Doctor: Sullivan, DVM Patrick DOB: Feb 1, 1989

Age: 30 Years 8m 15d Old

Sex: SF

Tag:

Weight: 2.42 kgs.

#### **Current Medical History**

Wt: 2.42 kg

Staff reports patient WNL, due for annual, annual BW, and TB test. No major medical hx, previous hx of anemia thought to be related to heat cycle, one staff member mentioned possible pale appearance recently.

No medications

TB serum Exp: 28 Feb 2021

Serial No. 446X

Signalment: 30 year 8 month old SF Brown tufted capuchin

Where obtained/how long owned: N/a

Size and Type of housing: Multilevel wire caging, rooms

Free range in house: Supervised Known Lead Time in House: N/a

Substrate: N/a

Diet (brand, amount, treats): Based on information packet:

Harlan Tekland 7195, vegetables (broccoli, collard greens, bruseel sprouts, green beans, green pepper, spinach, or zucchini), apple, 1/2 plain chicken wing, fish oil supplementation

#### Subjective

Attitude: BAR (Bright Alert Responsive)

Hydration: euhydrated

Pain Score: 0

## Objective

BCS: 4/9

Weight: 2.42 kgs. Pulse: 200 Respiration: 40 Panting: No

Oral: n gingiva, lingual structures, no teeth present

Nasal: nares clear Ocular: ou clear Aural: au clear

CV: nma, nsr Resp: lungs clear on ausc GI/"ABD": soft, no palp masses MS: ambul x 4 Integ: n integument, no lesions noted UG Assessment: externally n Neuro: n mentation, no deficits noted

## **Assessment**

Apparently healthy

## Plan

PΕ

Sedation:

- Ketamine: 12mg IM
- Midazolam: 0.47mg IM
ID tuberculin testing OS upper palpebral fold CBC/chem drawn from R femoral v

## **Treatments Completed**

- 1. Exam Avian Exotic General appointment
- 2. Midazolam inj / Versed

Quantity: 1 mL - Container: Midazolam inj

3. Ketamine 100mg/ml inj

Quantity: 100 mg

# Holliston Animal Hospital, 13 Exchange Street, Holliston MA 01746 508-429-8899 Tuesday, September 05, 2017

Owner: Helping Hands 541 Cambridge Street Boston, MA 02134 Phone: (617) 910-8109 E-Mail: allysonm@monkeyhelpers.org	Patient: Allie ID: 17035 Breed: Other Small Today's Age: 28 Yrs. 7 Mos. Color: Brown Sex: Spayed Female Markings: Weight: 5.6				
Services Due: Vaccinations Presenting Complaint: annual exam	Given Date	Due Date			
Results: Fecal: Heartworm:					
Tech History:					
WT Today: 4.4 lbs Prev: lbs Rec Weight: Temp: 101 Diet: Rec. Diet: Environment: In Out Both HWP? IN S Y Flea/Tick Prev: IY N Medications: PD Y IN PU Y IN V Y IN D Y IN C Y IN S Y	Physical Exam:  1. Gen. Appearance 2. Integumentary: 3. Musculo-Skeletal 4. Circulatory: 5. Respiratory: 6. Digestive: 7. Genito-Urinary: 8. Eyes: 9. Ears: 10. Neural Systems: 11. Lymph Nodes: 12. Mucous Memb: 13. Dental:	□ N 🕡 Ab 🗌 NE			
SIGNS: Right side upper and lower wisdom teeth. TB	test left upper eyelid Thin, thinni	ng coat, normal skin			
ASSESSMENT: Healthy Monkey cbc, chemistry submitted	ed				
PLAN:		,			
	Attending Staff Member: R	odney Poling, DVM			
9/5/2017 Exam Checklist					
Poling, DVM, Rodney					

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श्रीनिवि		CBC - TUBC from last time.	<b></b>	<b>}</b>
		5.2 > 8.4		
		RBC & from last meane, but 1		
		from our last PCV.		
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		lew Per in 5-7dain		
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		WORK PHONE: ( )		
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	ļ	Drew Par - 23 TS 7.0		<b>]</b>
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		VSP 11 Amylase (1785) LBW		1
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		Ru PCN Wed		<b>]</b>
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		(R) LPS/KC1- 20mos/ liter LPS		
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<del>/</del>		WORK PHONE: ( )	DIT.	ส	
DATE	ALTORL		ornet	FEE	
			COOL	CHURCE	
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		(Rx) Cemetadere 150 pp me 0.100			
		IV Slowly bid			
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		Received 32 ml prior to sending home			
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		WORK PHONE: ( )	Dit.	
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7 7			COOL	CHARGE
5/6/64		hanging head in henriotaxion		
		cool to touch		
		been netting 100ce ins ted SQ		
		trud 14 25mg mechaine yesterd	ry	
		trying to lat but not able		·
		cimetaline did help		
_		multiple astempts to get IV contheto	w	
		unsuccessful		
		save 1500 Us w/ & 3 meg KC/		1
		added		
		wrapped in blankets		
		gave Oce himilk po.		
		Just very resident por		
	_	Weather 240 B Arelembs.		1
		Started IV Us W/ Kci/Kpoy added		
		15/hr		1
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		In house elect-		<b></b>
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OWNER IDE: PET IDE:
HOME PHONE: ( )

	<del></del>	WORK PHONE: ( )	Dit.	
DATE	<b>WEIGHT</b>		COOL	FEE CHARGE
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		so pedialyte water or emerine		
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		nanal food	•	
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	VI	after dosing a) clavamy		
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		Stop clovary		
		Nancy to sure SOfluds 100cc US		
		Stagley 10 xuf sey mes 1002205		
		(Rolegazolin 100 reline 0.60050	-	
		bid		
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		de roigin répuir aux		
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		Pe- ears fine manip HILP.		-
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		ple -reg		<b> </b>
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		nitule-neg		<b>}</b>
		Ketones 4+		<b>!</b>
		Colu-ne T-101		ļ
•		Colu-ne, T-101 p+1 7.0		<b>!</b>
		leukostes 4+		<u> </u>
		PCV-36		
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		Diew Clem 6/elect	ļ	4
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71

OWNER IDE: PET IDE:

HOME PHONE: ( )

WORK PHONE: ( )

Det.

		WORK PHONE: ( )	Dr.	
DATE	METOKL		ornet	FEE
	ļ		COOL	CHURCE
51381	5.14	dehyd. obnous wtoss.		
		mannay development still		
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		eyes suker		
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		TS.9.6		
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		able to obtain blood		
		EC8+		
		Coludat Bu 95		
		Na 144 K-5.2		
		a 117 TCO2 17.		
		Anguallo HCT46		
•		0HO7, 265 HO16		
		0.05 Ket in		
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		Wratheles RF agralic		1
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		IV LRS e. 2x/maint		1
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76

	Date	· ·	Animal-Gare Patient Rec	Some and the second sec	The second section of the section of the sect
į			Ketame 0.2 14 -> 150 565	· · · · · · · · · · · · · · · · · · ·	
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			CBCY Reta S		
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## **SAL CARE CENTER**

ne Ave. MA 02445 /7-2030 Account:

13710 21770

Invoice: Date: 0

09/23/2002

Time:

11:56AM

Helping Hands

Attn:Judy Zazula 541 Cambridge

Allston MA 02134

**ALLIE 89-002** 

OTHER

Age: 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor: Barak Benaryeh, DVM

	Service/Item	Qty	Price	Amount
1	Anesthesia Set Up & 1st Hour	1.00	120.00	120.00
	OVH - Complex	1.00	200.00	200.00
1	Pain medication injection	1.00	15.00	15.00
	Injection SQ/IV/IM	1.00	15.00	15.00
		Tax		0.00
		Net In	voice	350.00
		Previo	ous Balance	2174.90
		Paym	ent	0.00
		Balan	ice Due	2524.90

Next Appointment: on 09/30/2002 at 9:20 AM For: CHI-CHI 80-200

- From scrub-in to scrub-out.

Thank You ———

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710

Invoice: Date:

18331 08/08/2002

Time:

10:23AM

Page:

Helping Hands

Attn:Judy Zazula 541 Cambridge

Allston MA 02134

**ALLIE 89-002** 

OTHER

Age: 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Benaryeh, DVM

Service/Item Office Visit Recheck Complete Blood Count (CBC)	<b>Qty</b> 1.00 1.00	<b>Price</b> 35.00 44.00	Amount 35.00 44.00
	Tax		0.00
	Net Invoic	e	79.00
	Previous E	Balance	771.40
	Payment		0.00
	Balance D	)ue	850.40

 The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.

Thank You

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 9280

Invoice: Date:

04/12/2002

Time: Page:

11:08AM

Helping Hands

Attn:Judy Zazula 541 Cambridge

Allston MA 02134

ALLIE 89-002

OTHER

Age: 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

Service/Item	Qty	Price	Amount
Office Visit Recheck	1.00	35.00	35.00
Complete Blood Count (CBC)	1.00	44.00	44.00
Reticulocyte Count	1.00	22.00	22.00
Luperon Injection 2 units	1.00	80.00	80.00
	Tax		0.00
	Net Invoice		181.00
	Previous Bal	ance	845.80
	Payment		0.00
	Balance Forv	vard	1026.80

- The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.
- From scrub-in to scrub-out.

We highly recommend regular teeth cleanings and checkups for pets, just like for people. If you would like more information or to schedule an appointment, give our office a call.

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 6806

Invoice: Date: 0

03/11/2002

Time:

10:33AM

Page:

Helping Hands

Attn:Judy Zazula 541 Cambridge

Allston MA 02134

ALLIE 89-002

OTHER

**Age:** 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor: Barak Maidenbaum, DVM

Service/Item	Qty	P	rice Amount
Office Visit Recheck	1.00		5.00 35.00
Bone Marrow	1.00	96	3.00 96.00
Cytology	1.00		50.00
Complete Blood Count (CBC)	1.00	. 44	44.00
	Tax		0.00
	Net	Invoice	225.00
	Prev	rious Balance	754.30
	Payr	ment	0.00
	Bala	nce Due	979.30

Next Appointment: on 03/22/2002 at 9:00 AM For: CHIPPER 86-406 Next Appointment: on 03/25/2002 at 9:40 AM For: ROBIN 90-003

- Includes sample preparation, staining, microscopic examination and interpretation.

The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Pet's condition.

doi 11000 mm 1 togress	Serv	/ices	in P	rogress
------------------------	------	-------	------	---------

Helping Har	nds		Account: 13710
Patient: ALL	IE 89-002		Date: 02/25/2002 Page: 1
Date	Service/Item	Qty	Price Amount
02/25/2002	Prednisolone 5 mg tablets	30.00	14.50
		Tax Net Total	0.00 14.50

678 Brookline Ave. Brookline MA 02445 (617) 277-2030

**Account:** 13710

Invoice: 4914

Date: 02/12/2002 Time: 10:02AM

Page:

Helping Hands

Attn: Judy Zazula 541 Cambrid

Aliston MA 02134

**ALLIE 89-002** 

OTHER

Age: 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

		Balance Due	•	2956.26
·		Tax Net Invoice Previous Bal Payment	ance	0.00 116.00 2840.26 0.00
	Invoiced by: Michelle	1.00 1.00	0.00	0.00
	Reticulocyte Count Injection SQ/IV/IM	1.00	22.00 15.00	22.00 15.00
	Complete Blood Count (CBC)	1.00	44.00	44.00
1	Office Visit Recheck	1.00	35.00	35.00
	Service/Item	Qty	Price	Amount

Next Appointment: on 03/22/2002 at 9:00 AM For: CHIPPER 86-406

The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.

Thank You

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 4150

Invoice: Date: 02

02/01/2002

Time:

9:38AM

Page:

Helping Hands

Attn: Judy Zazula 541 Cambrid

Aliston MA 02134

**ALLIE 89-002** 

OTHER

Age: 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

		· ·		
Service/Item		Qty	Price	Amount
Office Visit Recheck		1.00	35.00	35.00
Complete Blood Count (CBC)		1.00	44.00	44.00
Injection SQ/IV/IM		1.00	14.00	14.00
Reticulocyte Count		1.00	22.00	22.00
Baytril (enrofloxacin), 22.7	•	7.00		11.06
		Tax		0.00
		Net Invoice		126.06
		Previous Balanc	е	2377.40
		Payment		0.00
	· /	Balance Due		2503.46
	Office Visit Recheck Complete Blood Count (CBC) Injection SQ/IV/IM Reticulocyte Count	Office Visit Recheck Complete Blood Count (CBC) Injection SQ/IV/IM Reticulocyte Count	Office Visit Recheck Complete Blood Count (CBC) Injection SQ/IV/IM Reticulocyte Count Baytril (enrofloxacin), 22.7  Tax Net Invoice Previous Balanc Payment	Office Visit Recheck Complete Blood Count (CBC) Injection SQ/IV/IM Reticulocyte Count Baytril (enrofloxacin), 22.7  Tax Net Invoice Previous Balance Payment

Next Appointment: on 03/22/2002 at 9:00 AM For: CHIPPER 86-406

 The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.

Did you know February is Dental Health month for pets? We highly recommend regular teeth cleanings and checkups for pets, just like for people. If you would like more information or to schedule an appointment, give our office a call.

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account: 13710 Invoice: 15895 Date: 07/08/2002 Time: 12:29PM

Page:

12.23510

Helping Hands

Attn:Judy Zazula 541 Cambridge

Aliston MA 02134

**ALLIE 89-002** 

OTHER

**Age:** 13

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

		Previous Bala Payment	ance	732.40 0.00
		Tax Net Invoice		0.00 102.00
O Co	ervice/Item  ffice Visit Recheck  complete Blood Count (CBC)  cod Glucose	<b>Qty</b> 1.00 1.00 1.00	Price 35.00 44.00 23.00	Amount 35.00 44.00 23.00

Next Appointment: on 07/16/2002 at 10:00 AM For: WINSTON 86-909

- The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.

- Thank You -

678 Brookline Ave. Brookline MA 02445 (617) 277-2030

Account: 13710 Invoice: 3501 Date: 01/23/2002

Time: 4:21PM

Page:

5.06

**Helping Hands ALLIE 89-002 Age:** 12 Attn: Judy Zazula 541 Cambrid OTHER Sex: FE

Allston MA 02134

Tag:None Weight:

Phone: (617)787-4419 Doctor: Barak Maidenbaum, DVM

Complete Bloo	ount	1.00	44.00	44.0
Reticulocyte Co		1.00	22.00	22.0
Reticulocyte Co	d Count (CBC)	1.00	44.00	44.0
	ount	1.00	22.00	22.0
	d Count (CBC)			
Reticulocyte Co	d Count (CBC)	1.00	44.00	44.0
	ount	1.00	22.00	22.0
	ount			

Next Appointment: on 03/22/2002 at 9:00 AM For: CHIPPER 86-406

Thank You

<sup>-</sup> The Red and White Blood Cells are evaluated by our IDEXX QBC-VET to optimally diagnose Your Petas condition.

#### THE ANIMAL CARE CENTER

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 3418

Invoice: Date:

01/22/2002

Time: Page:

12:39PM 1

Helping Hands

Attn: Judy Zazula 541 Cambrid

Allston MA 02134

**ALLIE 89-002** 

OTHER

**Age:** 12

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

Service/Item Prednisolone 5 mg tabl	Qty ets 30.00	Price Amount 9.60
	Tax Net Invoice Previous Bala Payment	0.00 9.60 ance 1878.80 0.00
	Balance Due	1888.40

Next Appointment: on 03/22/2002 at 9:00 AM For: CHIPPER 86-406

− Thank You —

#### THE ANIMAL CARE CENTER

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 3197

Invoice: Date:

01/18/2002

Time: Page: 5:35PM

Helping Hands

Attn: Judy Zazula 541 Cambrid

Aliston MA 02134

**ALLIE 89-002** 

OTHER

Age: 12

Sex: FE

Tag:None

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

Date	Service/Item	Qty	Price	Amount
01/18/2002	Office Visit Recheck	1.00	35.00	35.00
01/18/2002	Anesthesia Isoflurane 15 min	1.00	50.00	50.00
01/18/2002	Catheter placement - IV Periph	1.00	49.00	49.00
01/18/2002	Bone Marrow	1.00	96.00	96.00
01/18/2002	Cytology	1.00	75.00	75.00
01/18/2002	Oxyglobin 250 ml	1.00	225.00	225.00
01/18/2002	Sub-Cutaneous Fluid Admin	1.00	20.00	20.00
01/18/2002	Complete Blood Count (CBC)	1.00	44.00	44.00
01/18/2002	Reticulocyte Count	1.00	22.00	22.00
01/18/2002	General Health Profile	1.00	65.00	65.00
		Tax		0.00
		Net Invoice	•	681.00

#### THE ANIMAL CARE CENTER

678 Brookline Ave. Brookline MA 02445 (617) 277-2030 Account:

13710 3150

Invoice: Date: 0

01/18/2002

Time: Page: 8:28AM

Helping Hands

Attn: Judy Zazula 541 Cambrid

Aliston MA 02134

**ALLIE 89-002** 

Age: 12

Sex: FE

1017 02104

Tag:None

OTHER

Weight:

5.06

Phone:

(617)787-4419

Doctor:Barak Maidenbaum, DVM

Date	Service/Item	Qty	Price	Amount
01/16/2002	Physical Exam - Fit-In	1.00	60.00	60.00
01/16/2002	Complete Blood Count (CBC)	1.00	44.00	44.00
01/16/2002	Sub-Cutaneous Fluid Admin	1.00	20.00	20.00
01/16/2002	Catheter placement - IV Periph	1.00	49.00	49.00
01/16/2002	Oxyglobin 250 ml	1.00	300.00	300.00
01/16/2002	Anesthesia Isoflurane 15 min	1.00	50.00	50.00
01/16/2002	Lactated Ringers Sol 1liter	1.00	9.00	9.00
01/16/2002	IV Set (Dispensed)	1.00	5.00	5.00
01/16/2002	Amoxil Ped Drps Oral 15 ml btl	1.00	10.40	10.40
		Tax	-	0.00
		Net Invoice	547.40	

AL.	<u>~~~~</u>	Date		Animal Care Patient R
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	<u> </u>			PR: Very pek mis: Alle + do PR ALKRE
				All ply flid filled intertines, no gon
			•	no alnow as avoiltation
		)		Bay cok + get blod sink - dilutal
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				100 Mart
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į	j	17	07	follow up from Thursday
		10		Tonoce ap y arr i i rusaay
				Physical Every Charlet
	·-···			Physical Exam Checklist  1) GENERAL APPEARANCE 2) ORAL CAVITY 3) TEETH 4) EYES
				- ONTH OABN ONE ONTH OABN ONE ONTH OABN ONE
				5) EARS 6) HEART 7) RESPIRATORY 8) ABDOMEN   NRM
				9) MUSCULOSKELETAL 10) LYMPH NODES 11) GENITOURINARY 12) INTEGUMENTARY
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an affiliate of the Boston University School of Medicine

Monkey: Allie Date of Visit: 18 May  ID#: 89-009 Foster Family: Riddle	96
Reason for visit/Symptoms: yearly physical TB test	-
Diagnosis: PE Mormal	
Anaesthesia administered (if applicable): [Include all nand amounts administered]	names
25mg Vatarias	
Treatment: [Please include all names and dosages of prescribed medications]	
•	·
Tests Performed:	
[ ] CBC & blood chem. [ ] TB	manager of the same of the sam
if positive, name type of parasite and medication given  [] Others urine	
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	resolve
Judi Zazula  Helping Hands  1505 Commonwealth Ave.  Boston, MA 02135  30  6/3/96 Div	FEB-7 M. 120 1-663-5591 1) Mynu
Note: A series of the contract	11 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



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Name :		89	) (	008		***********	kas <del>naa daa e</del> tkas, eerdi salemaa r		C4001#104	AACKU NOVSHICTIGU	macreus	**************************************	404474.bt#sp3ps	Ida	78	37	44	19		39	OO III	***************************************		MARKICPATEVITECTISI P. DA
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Reminders	(Due	Dat	: e :	5)								(v)	eir	ints:							•			
** 10/02/93	MOVHC				5/	/0E	2/98	MTI	3					•				/9) /9)			5 LE 7 LE	1		2.3

<sup>\*</sup> Service/Vaccination Due in Next 30 Days.

<sup>\*\*</sup> Service/Vaccination Past Due.

Date	Invoice	Description	da berrassica di sen er di dang gan en agan		Cod	e Oty	Provider
05/02/95	0252135		logoffarjoiteitaenetaleisenessametassam	ECZAŃSKI MISTAALYDO SERPA PRABOUL APUBL	QV	2.00	
		FECAL FLOATATION			LFF	1.00	
		MONKEY TUBERCULOSIS			MTB	1,00	₩ £s
10/05/92	0144080	TOP SHEET FOR FILE			78	1.00	Card Card
		CEBUS APELLA MONKEY,	DARK	BROWN,	DOB	OS-01-89, FEMALE	UNSPAY OF
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10/02/92	0143849	MONKEY TUBERCULOSIS			MTB	1.00	NO
		FECAL FLOATATION			LFF	1.00	RP
		MONKEY DENTAL FULL			MDF	1,00	RP

Monkey: Allie	ID: 89.00Z
Last TB:	10/2/92 (11)
Last Fecal:	10/2/92 (41)
Last CPC:	
Dental:	
Neuter:	
Last Vet visit:	10/2/92 44
Comments and Pr	oblems:
3/23/90 lithory	y, Somet, Larry fices

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#### SIMIAN AIDE VETERINARY VISIT RECORD

Monkey: Olle Date of Visit: Jan 5th
ID#: 89.002 Foster Family: and sense
Reason for visit/Symptoms: Noutine Chech-up
<del></del>
Diagnosis:
Anaesthesia administered (if applicable): [Include all names and amounts administered]
Treatment: [Please include all names and dosages of prescribed medications]
,
Tests Performed:
[ ] CBC & blood chem. [ ] TB [ ] Fecal
<pre>if positive, name type of parasite and</pre>

Please send a copy of all routine lab test results to:

Judi Zazula Helping Hands 1505 Commonwealth Ave. Boston, MA 02135

# ANIMAL MEDICAL HOUSE CALLS Quality Pet Care In Your Home

Box 8993
Cranston, R.I. 02920
942-7360
Julie A. Pelto DVM
David A. DiMeo, D.V.M.

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DDRESS 1505 VC	Gmmo	29002		
ETULISO	^	01002		
HOUSE CALL	200	LABORATORY	12	•
PHYSICAL EXAM	30	FECAL	100	
CONSULTATION		HEARTWORM TEST		
EMERGENCY		URINALYSIS		
PROFESSIONAL SERVICES		CYTOLOGY		
TECHNICIAN		HEMATOLOGY		
TRANSPORTATION		BLOOD CHEMISTRY	<del>                                     </del>	
		SKIN SCRAPING	. 30	
RABIES		fecal culture	30_	
DA2P-PARVO		FLUID THERAPY		
FVR-CP		VENIPUNCTURE	125	
FELINE LEUKEMIA		SEDATE/ANESTH.	25	
		WOUND TREATMENT		
WORM TREATMENT		DRESSING		
NAIL TRIM		SURGERY		
EAR CLEANING		OPERATING ROOM		
INJECTABLE MED.		HOSPITALIZATION		
MOLETINE		RADIOLOGY		MULL
DISPENSED MED.		EUTHANASIA	4 1 1 D I	1.13.90 KA 2538
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ALL FEES ARE TO BE PAID AT TIME OF VISIT.

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#### SIMIAN AIDE VETERINARY VISIT RECORD

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Please send a copy of all routine lab test results to:

Judi Zazula Helping Hands 1505 Commonwealth Ave. Boston, MA 02135

as of 3/25 allison was doing better. as of 3/31 Wack



Veterinary Labs of America 141 Cortland Street Lindenhurst, New York

#### PATIENT INFORMATION

SPECIMEN # 60L ... PATIENT NAME

ALLISON/ANDREWS

М

PAGE 1

DATE DRAWN

Ø3269Ø

**ANALYSIS DATE** 

Ø3299Ø

### ACCOUNT INFORMATION ....

4132

ADDRESS ACCOUNT #

HOUSE CALL PRACTICE DAVID A. DIMEO, D.V.M.

3 MELBOURNE

WARWICK, RI Ø2886

TEST	RESULT	ABNORMAL	NORMAL RANGES	UNITS
CULTURE & SENS.	Marine Among the Areas of Children in green	<ol> <li>M. Conglis and Consequent Bases and prescribed to the State Section.</li> </ol>		
SOURCE & SENS.	STOOL			
ORGANISM ISOLATED	NO ENTERIC	PATHOGENS ISOLA	tep	
STATUS	FINAL			
		the proof which the state that the same with the same and and same same that the same that	W MAN, 1986 MINE SHIP SHIP SHIP WITE SHIP THE WAR SHIP THE WAR SHIP THE WAR WAS THE W	
Histopathologist	- George A.	Parker, D. V. M.	D.A.C.V.P.	
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#### SIMIAN AIDE VETERINARY VISIT RECORD

Monkey: <u>Ally ov</u>	
Reason for visit/Sym	irry flees.
Diagnosis:	
Anaesthesia administ and amounts admini	sered (if applicable): [Include all names stered]  Ketamine 40 mg IM, Atropine 15 mg
prescrib	nclude all names and dosages of medications] (48 mg) po BID for 10 days
### #################################	unable to obtain blood sample.  In the condinect & floatation cositive, name type of parasite and cation given and culture for Salmonella Shigella condinect pathogens isolated

Please send a copy of all routine lab test results to:

Judi Zazula Helping Hands 1505 Commonwealth Ave. Boston, MA 02135

Os of 3/25 allison was doing better. as of 3/31 back to normal being fed primarily monkey chors.

Allie 89.002

Kevin & Kathi Andrews 2972 Old Post Road Perryville, RI 02879

Dear Kathi & Kevin;

Allison, the Capuchin monkey has passed all of her tests and examinations as was demanded by Dr. Al Parillo. I have now sent a letter to Dr. William Smith, the Acting State Veterinarian for Rhode Island, the letter details the results of her tests. I believe that he will be contacting you agian soon in regards to your permit. There should not be any more problems. Listed below are the results for Allison's tests.

6/15/89--Tuberculin test negative

Fecal parasites negative

Fecal culture negative for Salmonella & Shigella

9/8/89 --Tuberculin test negative

Fecal parasites negative

Fecal culture negative for Salmonella & Shigella

Thank you. Please let me know if you have any problems.

Sincerly ,

Julie A. Pelto, DVM

Animal Medical House Calls

Julie a. Petto DVM

3 Melbourne Road

Warwick, RI 02886

# ANIMAL MEDICAL HOUSE CAJ-S Quality Pet Care In Your Home

Box 8993

Cranston, R.I. 02920

942-7360 David A. DiMeo, D.V.M.

Allie 89,002

• _		DATE 9539	· .					
CLIENT Kathy (Lindrews)								
ADDRESS Mittie	nunk							
PET (dulyon								
HOUSE CALL		LABORATORY Culture	3000 500					
PHYSICAL EXAM 은 트라마하다	ვლი	FECAL	500					
CONSULTATION		HEARTWORM TEST						
EMERGENCY		URINALYSIS						
PROFESSIONAL SERVICES		CYTOLOGY						
TECHNICIAN		HEMATOLOGY						
TRANSPORTATION		BLOOD CHEMISTRY						
		SKIN SCRAPING						
RABIES								
DA2P-PARVO		FLUID THERAPY						
FVR-CP		VENIPUNCTURE						
FELINE LEUKEMIA		SEDATE/ANESTH.						
		WOUND TREATMENT						
WORM TREATMENT		DRESSING						
NAIL TRIM		SURGERY						
EAR CLEANING		OPERATING ROOM						
INJECTABLE MED.		HOSPITALIZATION						
		RADIOLOGY						
DISPENSED MED.		EUTHANASIA						
		DISPOSITION						
·								

TOTAL 45500

ALL FEES ARE TO BE PAID AT TIME OF VISIT.

Allie 89-002

## ANIMAL MEDICAL HOUSE CALLS

Quality Pet Care In Your Home

Box 8993 Cranston, R.I. 02920 942-7360 Julie Felto, DVM David A. DiMeo, D.V.M.

DATE 6 12 89 Cathy Andrews ADDRESS . Alison PET\_ 3000 LABORATORY Culture HOUSE CALL 500 **FECAL** PHYSICAL EXAMETE TEST 3000 **HEARTWORM TEST** CONSULTATION **URINALYSIS EMERGENCY** CYTOLOGY PROFESSIONAL SERVICES **HEMATOLOGY TECHNICIAN BLOOD CHEMISTRY** TRANSPORTATION SKIN SCRAPING RABIES FLUID THERAPY DA2P-PARVO **VENIPUNCTURE** FVR-CP SEDATE/ANESTH. FELINE LEUKEMIA WOUND TREATMENT DRESSING WORM TREATMENT SURGERY NAIL TRIM **OPERATING ROOM** EAR CLEANING HOSPITALIZATION INJECTABLE MED. **RADIOLOGY EUTHANASIA** DISPENSED MED. DISPOSITION

TOTAL 6500

ALL FEES ARE TO BE PAID AT TIME OF VISIT.

07/27/89 10 ARNOL BALANCE FORWARD: ITEM CD. DTY PRICE U/M 14TH 2 11.200 PC 1/4" 4X8 TEMPERED HARDBOARD	120 21.28 ANDUNT 21.28	10 10 10 10 10 10 10 10 10 10 10 10 10 1	-27-89 1111		aller
GROS. SALE DISCOUNT NET SALE 6.00% TAX TOTAL CHECK ANDREWS	22.40 1.12 21.28 1.28 22.56	01*	*2.00 \( \)  *3.22 \( \)  *1.60 \( \)  *1.16 \( \)  2.79 \( \)  *1.16 \( \)  2.7 \( \)	Allie	89-002
128 15:23:18 87/27/89	22.56	01*	*3.20 \( \)  *1.27 \( \)  *2.45  *2.45  *0.00	CG AT TL	

