

METROPOLITAN VETERINARY HOSPITAL EMERGENCY SERVICES

METROPOLITAN VETERINARY HOSPITAL

1053 S. CLEVELAND-MASSILLON RD.
AKRON, OH 44321
P: 330.666.2976
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EMERGENCY STAFF
DR. MATTHEW EHRESMAN
DR. LAURA FOX
DR. DANA JACOBSON
DR. KERIANN HURST
DR. BRITTANY MAKOSKY
DR. SARAH MORAR
DR. JULIE STOKA-HANLEY
DR. SARAH STEVENS
DR. ALLISON COWAN
DR. BRITTANY LAMBUR

PATIENT CASE REPORT

Date: 2/13/2017 **Time:** 23:40

Client: For The Love Of Pitts
Address: PO Box 19292
Cleveland, OH 44119

Patient: Macy
Breed: Bulldog, American
Age: 10 Yrs. 4 Mos.

Client ID: 100242
Client: For The Love Of Pitts
Date: 2/13/2017

Patient ID: 168732
Patient: Macy
DOB: 9/16/2006

Sex: Spayed Female
Species: Canine

History:

Macy presented to the ER Service after a 1 day history of vomiting (4-5 episodes), 1 day history of anorexia, 1 week history of hyporexia, and a several month history of increasingly finicky appetite and loss of muscle mass. Beginning this past August, the owners report that Macy had a period of severe bloody diarrhea, poor appetite, and weight loss requiring extensive diagnostic work-up. She was treated with an antibiotic and a probiotic, which helped somewhat, but Macy never fully recovered. She was eventually diagnosed as hypothyroid, and she has been supplemented for three months. However, she has had increasingly poor appetite, loss of activity level, increasing weakness, muscle loss, and intermittent soft stools.

Macy was diagnosed with idiopathic epilepsy in 2013. However, she has not had any seizure activity recently and receives no medications. She was also diagnosed with IVDD at C2-3 in 2013 which was successfully managed medically.

Physical Exam:

Vitals:

	2/13/2017
	9:56 PM
Vital Sign	289
Weight	29.09 kilograms
Temp	102.2
HR	140
RR	30
Muc	Pink
Memb	
CRT	<2 sec

Mucous Membranes: Pink,sl. tacky

Heart and lungs: grade III/VI left apical biphasic systolic vs. diastolic murmur, clear lung fields/no dyspnea, regular rhythm, strong and synchronous femoral pulses

Abdominal Exam: no obvious masses/organomegaly, tense on cranial abdominal palpation

Musculoskeletal and Integument: Ambulatory with no lameness, weakness rising in hind, widespread muscle wasting

Eyes, Ears, Nose, and Throat: No ocular or nasal discharge, mild dental disease

Peripheral lymph nodes: No peripheral lymphadenopathy

Urogenital Exam: Unremarkable

Neuro Exam: Intact CN, normal mentation, no ataxia seen, no appreciable spinal pain

Rectal Examination: soft stool with no blood, no palpable masses

Diagnostics:

Chemistry profile: Elevated ALKP, GGT, mild hyperglobulinemia, and elevated total bilirubin

DATE/TIME	TEST	RESULT	REFERENCE RANGE
2/13/2017	ALB	= 2.4 g/dL	2.2 - 3.9
2/13/2017	ALKP	>> 2000 U/L (H)	23 - 212
2/13/2017	ALT	= 86 U/L	10 - 125
2/13/2017	AMYL	= 1305 U/L	500 - 1500
2/13/2017	BUN/UREA	= 11 mg/dL	7 - 27
2/13/2017	Ca	= 8.8 mg/dL	7.9 - 12.0
2/13/2017	Chloride	= 112 mmol/L	109 - 122
2/13/2017	CHOL	= 185 mg/dL	110 - 320
2/13/2017	CREA	= 1.1 mg/dL	0.5 - 1.8
2/13/2017	GGT	= 13 U/L (H)	0 - 11
2/13/2017	GLU	= 143 mg/dL	70 - 143
2/13/2017	LIPA	= 473 U/L	200 - 1800
2/13/2017	PHOS	= 6.0 mg/dL	2.5 - 6.8
2/13/2017	Potassium	= 4.2 mmol/L	3.5 - 5.8
2/13/2017	TBIL	= 1.1 mg/dL (H)	0.0 - 0.9
2/13/2017	TP	= 7.2 g/dL	5.2 - 8.2
2/13/2017	Sodium	= 152 mmol/L	144 - 160
2/13/2017	GLOB	= 4.8 g/dL (H)	2.5 - 4.5
2/13/2017	OSM calc	= 302 mmol/kg	
2/13/2017	ALB/GLOB	= 0.5	
2/13/2017	BUN/CREA	= 10	
2/13/2017	Na/K	= 36	

Complete blood count: Marked neutrophilia and inflammatory leukogram, mild nonregenerative anemia

DATE/TIME	TEST	RESULT	REFERENCE RANGE
2/13/2017	BASO	= 0.16 K/uL (H)	0.00 - 0.10
2/13/2017	EOS	= 0.09 K/uL	0.06 - 1.23
2/13/2017	HCT	= 34.1 % (L)	37.3 - 61.7
2/13/2017	HGB	= 12.2 g/dL (L)	13.1 - 20.5
2/13/2017	LYMPHS	= 2.34 K/uL	1.05 - 5.10
2/13/2017	MCH	= 18.6 pg (L)	21.2 - 25.9
2/13/2017	MCHC	= 35.8 g/dL	32.0 - 37.9
2/13/2017	MCV	= 51.9 fL (L)	61.6 - 73.5
2/13/2017	MONOS	= 2.15 K/uL (H)	0.16 - 1.12
2/13/2017	MPV	= --- fL	8.7 - 13.2
2/13/2017	RBC	= 6.57 M/uL	5.65 - 8.87
2/13/2017	WBC	= 44.42 K/uL (H*)	5.05 - 16.76
2/13/2017	%LYMPHS	= 5.3 %	
2/13/2017	%MONOS	= 4.8 %	
2/13/2017	NEUT	= 39.68 K/uL (H)	2.95 - 11.64
2/13/2017	%NEUT	= 89.3 %	
2/13/2017	%EOS	= 0.2 %	
2/13/2017	%BASO	= 0.4 %	
2/13/2017	PLT	** 295 K/uL	148 - 484
2/13/2017	Retics	= 27.6 K/uL	10.0 - 110.0

2/13/2017	%Retics	= 0.4 %	
2/13/2017	RDW	= 21.2 %	13.6 - 21.7
2/13/2017	PDW	- --,-- fL	9.1 - 19.4
2/13/2017	PCT	- --,-- %	0.14 - 0.46

Three view thoracic, two view abdominal radiographs: No obvious cardiopulmonary pathology. Left cranial abdominal mass, spleen vs. liver. Official report pending.

Diagnosis:

Cranial abdominal mass, suspect underlying neoplasia

Treatment:

Offered transfer to Internal Medicine. Owners elected outpatient with supportive care and scheduling appointment.

600mL SQ fluids
1mg/kg Cerenia SQ

Home Medications:

RX DATE	ITEM DESCRIPTION	QUANTITY	DIRECTIONS
2/13/2017	Cerenia 60 mg tb.	4.00	Give 1 tablet by mouth every 24 hours starting tomorrow night.

Instructions:

A home cooked bland diet can be made by mixing equal parts of boiled chicken and rice. The chicken should be boneless and skinless. Canned chicken can be used. If you would prefer a commercially prepared food, let our staff know and we can dispense canned I/D. Feed the bland diet only for 48 hours and then gradually change back to the normal diet over another 48 hours.

Vomiting has many possible underlying causes. Some causes can be serious and progress quickly. For this reason, continued monitoring and immediate follow up with a veterinarian if any of the following occur is critical:

- *Vomits more than 2 times in 8 hour period
- *Can not keep water down after 6 hours
- *Has large amounts of diarrhea or diarrhea with blood
- *Has blood in his vomit
- *Will not eat or can not keep food down
- *Appears painful
- *Acts listless
- *Declines

Follow Up Care:

Schedule an appointment with an internist at your earliest convenience. Our internal medicine service can be reached at 330-670-2375.

Releasing DVM: K. Hurst

Client Signature

For The Love Of Pitts
Client Name (Print)




Department of Surgery and Neurology

Sheldon Padgett, DVM, MS, Diplomate, American College of Veterinary Surgeons
Mark Daye, DVM, MS, Diplomate, American College of Veterinary Surgeons
Josh Collins, DVM, Diplomate, American College of Veterinary Surgeons
Todd W. Axlund, DVM, MS, Diplomate, American College of Veterinary Internal Medicine (Neuro)
BrieAnne Mauser, DVM, Diplomate, American College of Veterinary Internal Medicine (Neuro)
Lauren Retallack, DVM, Resident in Surgery
Dusty Spencer, DVM, Resident in Surgery

Client ID #: 100242
Client: For The Love Of Pitts

PO Box 19292
Cleveland, OH 44119

Patient ID #: 168732
Patient: Macy 
Species: Canine
Breed: Bulldog, American
Age: 10 Yrs. 4 Mos.
Sex: Spayed Female

Diagnosis:

Open, pending biopsies

Treatment:

2/15/2017 Splenectomy, left lateral liver lobectomy, prophylactic gastropexy, liver biopsy, and GI biopsies.

Macy did well postoperatively, with narcotic analgesia, and is being released for further recuperation at home.

Instructions:

The most important part of Macy's recovery will be restriction from significant exercise. Please do not allow any running, jumping or playing for the next two weeks. Walks outside should be on a leash, and last for less than ten minutes. Stairs should be minimized, although they are allowed if necessary.

When not under direct observation, please restrict Macy to a small area such as a large kennel or small room.

Please monitor the incision for any redness, swelling or discharge. Do not allow Macy to lick, chew or otherwise traumatize the incision. If your pet shows a tendency to lick, then an Elizabethan collar should be obtained from our hospital or your regular veterinarian.

If Macy will tolerate, an ice pack can be placed over the surgical site for 10 minutes as often as every 4 hours for 3-5 days following discharge from the hospital. Please use a clean, dry cloth placed over the surgical site to provide a barrier between the skin and the ice pack. It is important to have a cloth barrier between the ice pack and skin to prevent any trauma to the skin. Some animals find this comforting and it does reduce inflammation and swelling which leads to pain.

Please tempt Macy to eat at home. Please monitor for any signs of illness such as vomiting, severe lethargy, or lack of appetite lasting more than 24-48 hours. If these occur, please call.

Biopsies are pending, and generally take 5-7 business days. Dr. Chambers will call with these results.

*7 days to BW
Sut am well if not eating,*



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Medications:

Rx Date	Item Description	Quantity	Directions
2/15/2017	Fentanyl 100 mcg transdermal patch	1.00	Please remove 5 days following application according to attached instructions.
2/16/2017	Rimadyl 75 mg Chewable	14.00	Give one tablet orally every 12 hours until gone. Please give with food.

****Please remove the Fentanyl patch on February 20th.****

****The next dose of Rimadyl is due today (2/16) at 5 pm.****

Recheck:

Please make an appointment for suture removal in approximately 10-14 days. This should be an appointment with Dr. Chambers so that any further action needed in regard to the biopsy results can be discussed. Please contact the receptionist of Dr. Chambers's practice to arrange an appointment.

Thank you for coming to our hospital for Macy's care. It is our pleasure to be part of your pet's medical team. If there are any questions or concerns, please do not hesitate to call.

Sincerely,

Sheldon Padgett, DVM, MS
Diplomate, American College of Veterinary Surgeons

Dusty Spencer, DVM
Resident in Surgery

Client ID #: 100242
Client: For The Love Of Pitts

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Patient ID #: 168732
Patient: Macy
Species: Canine
Breed: Bulldog, American
Age: 10 Yrs. 5 Mos.
Sex: Spayed Female

FENTANYL PATCH

Client Handout

**KEEP THE FENTANYL PATCH OUT OF CHILDREN'S REACH.
THE DRUG MAY BE TOXIC OR EVEN LETHAL TO SMALL CHILDREN OR PETS IF INGESTED**

Fentanyl pain patches slowly release a gel called fentanyl, a morphine-like pain killer, that is absorbed through the skin for 5 days after application.. Hair regrowth may be delayed at the site of patch application.

	<u>Cats</u>	<u>Dogs</u>
Patch Onset Time	4-6 Hours	12-24 Hours
Patch Duration	4-5 Days	4-5 Days

Removal / Disposal –

- a) Please remove 5 days following application.
- b) The patch may be removed more easily after soaking with a warm wet washcloth. Additionally, a cotton ball with mineral oil is helpful in removing the patch and residue.
- c) Fold patch in half, adhesive side inward.
- d) To discard, the FDA recommends to flush the folded patch down the toilet. **Do not throw the used patch in the trash.** Alternately, you may seal the used patch in a plastic bag, and bring it to the recheck exam, and we will dispose of it.

NOTE:

Patients may be sedate or anxious while wearing the patch **Rarely we see severe anxiety/agitation with the fentanyl patch. If this is occurring please call us and we can change medications.**

Safety –

- a) Do not cut or damage the patch.
- b) If you touch the patch, rinse hands with a large volume of water.
*****Do not use soap or alcohol.*****

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 PO Box 19292
 Cleveland, OH 44119

Client ID: 100242
 Invoice #: 853817
 Date: 2/16/2017

Patient ID: 168732	Species: Canine	Weight: 29.10 kilograms
Patient Name: Macy	Breed: Bulldog, American	Birthdate: 09/16/2006 Sex: Spayed Female

	Description	Staff Name	Quantity	Total
2/14/2017	AVIMP Professional Exam ER case	Greg Chambers, DVM, DAC	1.00	\$105.00
	AVIMP Tech support		1.00	\$80.00
	MEDICAL RECORD		1.00	\$19.00
	Daily Cage Charge		1.00	\$0.00
	ICU Ward Fee		1.00	\$98.00
	IV Catheter with T-port		1.00	\$0.00
	IV cath		1.00	\$27.49
	Catheter, I.V. 18 g		1.00	\$0.00
	T-Port Extension		1.00	\$7.05
	Catheter Adapter		1.00	\$0.00
	Professional: Catheter and T-port		1.00	\$20.00
	IV Fluids first bag		1.00	\$42.53
	fluid therapy first bag		1.00	
	Plasmalyte A 1 liter bag		1.00	
	IV Administration set		1.00	
	Extension Set		1.00	
	AVIMP Ultrasound Abdomen		1.00	\$180.00
	ULTRASOUND		1.00	\$139.00
	AVIMP Emergency Procedure		1.00	\$92.00
	Protonix		7.00	\$22.44
	Lab Submission Fee		1.00	\$0.00
	Sampling Fee		1.00	\$16.74
	Biohazard Fee		1.00	\$3.57
	Urinalysis		1.00	\$49.00
2/15/2017	AVIMP Hospital Intensive Care exam		1.00	\$77.00
	Daily Cage Charge		1.00	\$0.00
	Protonix		7.00	\$22.44
	Fentanyl Citrate 0.05 mg / mL	Sheldon L. Padgett, DVM, M:	57.60	\$91.01
	Sodium chloride (Saline) 0.9% 250mL bag		1.00	\$16.03
	IV Administration set		1.00	\$21.93
	Extension Set		1.00	\$9.12
	Extension Set		1.00	\$0.00
	VSNP Soft Tissue general		1.00	\$0.00
	Anesthesia		1.00	\$0.00
	Anesthesia 40-80 lbs		1.00	\$85.00
	Hydromorphone 2mg /ml		1.40	\$0.00
	Diazepam 5mg/ml		1.40	\$0.00
	Propoflo 10mg/ml		11.50	\$0.00

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Cerenia 10 mg / mL	Sheldon L. Padgett, DVM, M:	2.90	\$0.00
Surgical Drape pack (5097-1)		1.00	\$56.00
SUCTION		1.00	\$17.91
Electrocautery		1.00	\$17.91
Skin Stapler		1.00	\$45.40
Daily Cage Charge		1.00	\$0.00
Intensive Nursing Care		1.00	\$26.31
OVSN Technician: Anesthesia		2.00	\$104.26
Perisurgical Monitoring Level II		1.00	\$60.73
Fentanyl 100 mcg transdermal patch		1.00	\$41.69
Cefazolin 1gm/10 mL		6.30	\$22.44
OVSN Gastropexy - w/ sx		1.00	\$229.52
OVSN Biopsy - multiple organ w/sx		1.00	\$181.26
Large Suture Pack		1.00	\$196.78
PDS II 0 TN CT-1 Z340H		1.00	\$0.00
Monocryl 3-0 CN FS-2 Y923H		1.00	\$0.00
Sodium Chloride 0.09% irrig 500ml btl		1.00	\$0.00
PDS II 4-0 CN FS-2 Z397H		1.00	\$15.53
PDS II 2-0 TN SH Z317H		1.00	\$15.53
Staple TA 30-V3		2.00	\$233.64
Biopsy Punch 6 mm		1.00	\$3.30
OVSN Lobectomy (Liver)		1.00	\$1,104.68
OVSN Splenectomy w/sx		1.00	\$228.50
Large Stapler		1.00	\$47.79
Large Suture Pack		1.00	\$196.78
Monocryl 3-0 CN FS-2 Y923H		1.00	\$0.00
PDS II 4-0 TN SH Z315H		1.00	\$0.00
Sodium Chloride 0.09% irrig 500ml btl		1.00	\$0.00
PDS II 0 CN CP-1 Z467H		1.00	\$15.53
ICU Ward Fee		1.00	\$98.00
Lab Submission Fee	Greg Chambers, DVM, DAC'	1.00	\$0.00
Sampling Fee		1.00	\$16.74
Biohazard Fee		1.00	\$3.57
AVIMP Histopath x 3 samples (6013)		1.00	\$260.00
OVSN Intensive Care Mgt. Level 3	Sheldon L. Padgett, DVM, M:	1.00	\$127.15
ECG Telemetry		1.00	\$62.06
Fluid therapy additional bag		1.00	\$30.60
Plasmalyte A 1 liter bag		1.00	\$0.00
PCV		2.00	\$45.40
2/16/2017 OVSN Intensive Care Mgt. Level 1		1.00	\$60.90
ICU Ward Fee		1.00	\$98.00
Intensive Nursing Care		1.00	\$26.31

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Rimadyl 75 mg Chewable	Sheldon L. Padgett, DVM, M:	14.00	\$33.64
	Patient Subtotal:		\$4,948.21
	Invoice Total:		\$4,948.21
	Rescue Discount:		(\$201.50)
	Total:		\$4,746.71
	Balance Due:		\$4,746.71
	Previous Balance:		(\$3,750.00)
	Balance Due:		<u><u>\$996.71</u></u>

Scheduled Appointments:

Appt. for Willow on 3/23/2017 at 11:30 am.

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