



200 Valley Wood Rd., Suite B-200  
The Woodlands, TX 77380  
1-888-4-PETRAYS

**Requesting Veterinarian** Maniet  
**Requesting Facility** Veterinary Holistic Care  
4820 Moorland Lane  
Bethesda MD 20814  
*Phone*  
*Fax* 301-656-5033

**Report Date** 02/08/11 2:34 pm  
**Received Date** 02/08/11 2:30 pm  
**Request Date** 02/08/11 2:18 pm  
**Report #** 132333

**Patient** Kenney, Pinuki      **Owner** Ileana      **Study** Plain Film: C-Spine  
**Sex** Female,      **Age** 7y 6m      **Weight** 60.00 lbs.      **Species** Canine      **Breed** Affenpinscher      **Patient ID**  
Spayed      1357 - Pinuki

**History** Has been crying in pain since this morning. walking hunched - gingerly - difficulty moving head.  
Large swelling (hot) upper cervical left side  
R/O Neoplasia - abscess (unknown origin)  
VERY painful  
No ear infection

### Findings

Three radiographic images of the cervical spine are available for interpretation. The spine is well aligned. No osteolysis is seen. The disk spaces of C3-4, C4-5 and C5-6 are narrowed. No vertebral body osteolysis or production is appreciated. The ventral cervical soft tissues are normal.

### Conclusions

Minimal evidence of cervical IVDD. No underlying bone abnormalities are detected.

Marcie D. Halliday DVM, Dipl. ACVR

If any questions, email me at [marcieacvr@wowway.com](mailto:marcieacvr@wowway.com) or call at 614-657-3952. I will try to return calls within 24 hours. If you require a faster response, please call 1-888-4Petry.

*If you would like additional information regarding specific treatment recommendations for this case please submit an additional request for an internal medicine consultation. Please make sure you apply the same patient identification number to the request.*

1-888-433-9987  
Online results at  
www.vetconnect.com

301-656-2882  
Account: 21419

Requisition #: 3864  
Accession #: Y3887805  
Order recv'd: 02/09/2011  
Ordered by: MANIET  
Reported: 02/09/2011

PRIORITY CYTOLOGY W/ MIC (1 SITE)				
Test	Result	Reference Range	Flag	Bar Graph
SOURCE/HISTORY				
Left side of neck. Sudden very painful large swelling, left-sided neck/base of skull.				
MICROSCOPIC DESCRIPTION				
Three slides received. There is a background of proteinaceous material and lipids present. Moderate numbers of erythrocytes are seen. Ruptured cells and debris are noted. No evidence of inflammation or infection is appreciated.				
CYTOLOGICAL INTERPRETATION				
Lipid material and blood				
COMMENTS				
This may represent the contents of a cystic structure, adipose tissue such as a lipoma or subcutaneous fat. The sample may not be completely representative. Findings need to be interpreted in conjunction with any other relevant information and the clinical impression.				
If you would like to discuss this case, please feel free to call me at the number below.				
PATHOLOGIST				
KYRA L. SOMERS, DVM, PhD Clinical Pathologist 1-800-551-0998 x77206 E-mail: Kyra-Somers@IDEXX.com				



VETERINARY HOLISTIC CARE  
4820 MOORLAND LANE  
BETHESDA, MD 20814

301-656-2882

Account: 21419

Owner: KENNY  
Patient: PUNKI  
Species: CANINE  
Breed: BERN MT DAY  
Age: 7Y  
Gender: F

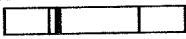
1-888-433-9987  
Online results at  
www.vetconnect.com

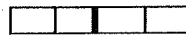
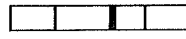
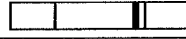



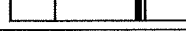
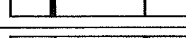


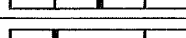




Requisition #: 3834  
Accession #: Y3913281  
Order rec'd: 02/12/2011  
Ordered by: MALLU *Mallu*  
Reported: 02/13/2011

HEALTHCHEK PLUS		CHEM 25			
Test	Result	Reference Range	Flag	Bar Graph	
ALK. PHOSPHATASE	55	10 - 150 U/L			
ALT (SGPT)	20	5 - 107 U/L			
AST (SGOT)	18	5 - 55 U/L			
CK	100	10 - 200 U/L			
GGT	9	0 - 14 U/L			
ALBUMIN	3.2	2.5 - 4.0 g/dL			
TOTAL PROTEIN	6.1	5.1 - 7.8 g/dL			
GLOBULIN	2.9	2.1 - 4.5 g/dL			
TOTAL BILIRUBIN	0.2	0.0 - 0.4 mg/dL			
DIRECT BILIRUBIN	0.1	0.0 - 0.2 mg/dL			
BUN	15	7 - 27 mg/dL			
CREATININE	1.2	0.4 - 1.8 mg/dL			
CHOLESTEROL	192	112 - 328 mg/dL			
GLUCOSE	99	60 - 125 mg/dL			
CALCIUM	10.1	8.2 - 12.4 mg/dL			
PHOSPHORUS	3.6	2.1 - 6.3 mg/dL			
TCO2 (BICARBONATE)	20	17 - 24 mEq/L			
CHLORIDE	114	105 - 115 mEq/L			
POTASSIUM	4.6	4.0 - 5.6 mEq/L			
SODIUM	144	141 - 156 mEq/L			
A/G RATIO	1.1	0.6 - 1.6			
B/C RATIO	12.5				
INDIRECT BILIRUBIN	0.1	0 - 0.3 mg/dL			
NA/K RATIO	31	27 - 40			
HEMOLYSIS INDEX	N	Index of N,+,++ exhibits no significant effect on chemistry values.			
LIPEMIA INDEX	N	Index of N,+,++ exhibits no significant effect on chemistry values.			
ANION GAP	15	12 - 24 mEq/L			

KENNY, PUNKI  
02/13/2011

FINAL REPORT - CONTINUED ON NEXT PAGE  
PAGE 1

HEALTHCHEK PLUS	T4	Test	Result	Reference Range	Flag	Bar Graph
		T4	1.3	1.0 - 4.0 ug/dL		
<p>Interpretive ranges:</p> <p>&lt;1.0 Low</p> <p>1.0-4.0 Normal</p> <p>&gt;4.0 High</p> <p>2.1-5.4 Therapeutic</p> <p>Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of free T4 and canine TSH. A high T4 concentration in a clinically normal dog is likely variation of normal; however elevations may occur secondary to thyroid autoantibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.</p>						

HEALTHCHEK PLUS	CBC COMPREHENSIVE	Test	Result	Reference Range	Flag	Bar Graph
		WBC	10.4	5.7 - 16.3 THOUS./uL		
		RBC	7.41	5.5 - 8.5 MILLION/uL		
		HGB	17.4	12 - 18 g/dL		
		HCT	48.7	37 - 55 %		
		MCV	66	60 - 77 fL		
		MCH	23.5	19.5 - 26.0 pg		
		MCHC	35.7	32 - 36 g/dL		
		<b>NEUTROPHIL SEG</b>	<b>57</b>	<b>60 - 77 %</b>	<b>L</b>	
		<b>LYMPHOCYTES</b>	<b>32</b>	<b>12 - 30 %</b>	<b>H</b>	
		MONOCYTES	5	3 - 10 %		
		EOSINOPHIL	6	2 - 10 %		
		BASOPHIL	0	0 - 1 %		
		AUTO PLATELET	285	164 - 510 THOUS./uL		
		REMARKS	SLIDE REVIEWED MICROSCOPICALLY.			
		ABSOLUTE NEUTROPHIL SEG	5928	3000 - 11500 /uL		
		ABSOLUTE LYMPHOCYTE	3328	1000 - 4800 /uL		

ABSOLUTE MONOCYTE	520	150 - 1350 /uL		
ABSOLUTE EOSINOPHIL	624	100 - 1250 /uL		
ABSOLUTE BASOPHIL	0	0 - 100 /uL		

**ADD-ON URINALYSIS**

Test	Result	Reference Range	Flag	Bar Graph
COLLECTION METHOD	NOT GIVEN	<i>Free catch</i>		
COLOR	DK YELLOW			
CLARITY	CLOUDY			
SPECIFIC GRAVITY	1.053			
GLUCOSE	NEGATIVE			
BILIRUBIN	NEGATIVE			
KETONES	NEGATIVE			
BLOOD	NEGATIVE			
PH	6.0			
PROTEIN	NEGATIVE	NEGATIVE-TRACE		
WBC	NONE SEEN	0 - 5 HPF		
RBC	NONE SEEN	0 - 5 HPF		
BACTERIA	NONE SEEN	HPF		
EPI CELL	NONE SEEN	HPF		
MUCUS	NONE SEEN			
CASTS	NONE SEEN	HPF		
CRYSTALS	NONE SEEN	HPF		
UROBILINOGEN	NORMAL			



VET ORTHOPEDIC SPORTS MEDICINE GROUP  
 10975 GUILFORD ROAD  
 ANNAPOLIS JUNCTION, MD 20701

410-418-8446

Account: 21924

Owner: KENNEY  
 Patient: PINUKI  
 Species: CANINE  
 Breed: BERN MTN DOG  
 Age: 7Y  
 Gender: F

1-888-433-9987  
 Online results at  
 www.vetconnect.com

Requisition #: 2701  
 Accession #: Y4139742  
 Order rec'd: 03/02/2011  
 Ordered by: CANAPP  
 Reported: 03/04/2011

ROCKY MOUNTAIN SPOTTED FVR

Test	Result	Reference Range	Flag	Bar Graph
ROCKY MOUNTAIN SPOTTED FVR	NEGATIVE			

Comments:

Interpretation:

If your result is:	The interpretation is:
NEGATIVE	No antibody present @ 1:25
POSITIVE @ (titer)	Antibody present @ (titer)

Positive samples are tested in incremental dilutions to 1:1600. Titers beyond 1:1600 are usually of limited clinical value. If you wish an endpoint titer there is an additional charge. Singles titer of greater than or equal to 1:1024 are suggestive of active infection. Low or negative acute titers should be reevaluated in 2-3 weeks (convalescent titer).

04/17/2011  
04/17/2011

THI E- Administering Pills, can  
SOAP UC Epistaxis KRCO

Provider: Dr. Kristine Covert

**S: Main Concern: Epistaxis - Left side**

**Description of Problem:** Owner reports that there has been intermittent epistaxis since March. RDVM has placed her on Yunnan PaiYao for the nose bleeds. Yesterday owner stated that the nose was bleeding for about 8 hours. The nose bleed started again this morning so owner brought her in.

Has onco consultation scheduled for Thursday of this week.

**See attached information - owner faxed records that has detailed report of medications dog is currently taking and current list of problems.**

**Current medications?** See attached

**Other concerns?** Recent history of left sided cervical swelling - MRI dx lipoma, CCL injury left hind 2/3/11,

Pinuki was quiet, alert and responsive.

**O: Body Condition Score 5/9:** Ideal. Ribs palpable without excess fat covering. Waist observed behind ribs when viewed from above. Abdomen tucked up.

**Ears:** No erythema or discharge noted in ear canal(s). No lesions noted on pinna.

**Eyes:** The eye(s) are bright and clear. No abnormal findings were observed in globes, eyelids or adnexa. No visual deficits noted.

**Oral:** Mucous membranes moderately pale.

**Oral:** No masses observed. Minimal tartar accumulation and gingivitis.

**Nose/Throat:** Heavy epistaxis from the left nostril.

**Integumentary:** No haircoat abnormalities, nor skin lesions noted, no external parasites seen.

**LN/Thyroid:** Mild bilateral submandibular lymphadenopathy. Right slightly larger than left

**GI/Abd Palpation:** Abdomen is soft and non-painful, no palpable masses or fluid. Rectal exam was not performed.

**Urinary:** Neither kidneys nor bladder identified on palpation.

**Reproductive:** No vulvar enlargement or vaginal discharge noted. No palpable mammary masses.

**MS:** No deficits in muscle tone or mass. Ambulatory with no lameness noted.

**Nervous System:** Mentation appropriate, no cranial nerve nor postural abnormalities observed.

**CV:** No murmurs or arrhythmia ausculted. The pulses are strong and synchronous. Heart is bounding on auscultation.

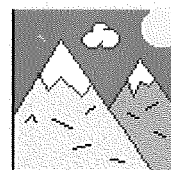
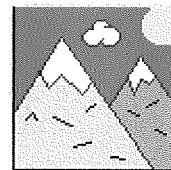
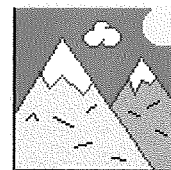
**Respiratory:** Lungs auscult clear with no crackles or wheezes. Tracheal palpation does not elicit cough.

**A:**

**Problem List:**

Epistaxis: neoplasia vs coagulopathy vs thrombocytopenia vs Anemia: Epistaxis

**Patient Assessment:**



**P:** UC

Complete Blood Count: submitted

PCV/TS: performed; results: 25%, TS:

Prothrombin Time/Partial Thromboplastin Time (PT/PTT):

requested; results: Normal: PT: 11s, PTT 76s

• Blood Pressure: Yunnan Baiyao Sedation:

Acepromazine 1 mg/ml- give ~ ml IM

**DISP:** Acepromazine 10mg: Give 1 tablet by mouth every 8 to 12 hours as needed to keep calm

### Vital Statistics

Temperature

Pulse:

Respiration:

New Weight?  Yes

Mucous membranes

CRT:

Hydration:

Pain Score:

Dental Score:

04/17/2011

**RX#: 49109** Acepromazine 10mg Tablets

**QTY:** 15.00

**Provider:** Dr. Kristine Covert

**Expires On:** 04/16/2012

Give 1 - 1 1/2 tablet(s) orally (by mouth) every 12 hours as needed. Dispenser: JUCH

Expiration:



# Triage Form - Pinuki Kenney ID# 4186

## Patient Information:

Species: Canine Breed: Bernese Mountain Dog  
 Sex: FS DOB: 08/02/2003 Age: 7 years and 8 months old

Enter New Weight ?  Yes  
 No - Weight is correct

Weight: 59.6 lbs.

Rabies Due Date:  
 Up-to-Date?  Yes  No

Technician:

Reason for Presentation:

### History

has had on and off epistaxis since March. Yesterday p bled for 8 hours. has onco consult this Thursday.

### Current

Temperature:  MM/Color  MM/hydration:   
 Respiration  Respiratory Effort:  CRT:   
 Pulse  Pulse Strength:

Diagnostics	Tech	Time	Results	Charged?
PCV/TP				
BG Level				
PT, PTT (Treatment)				
PT, PTT (TechPet)				
Blood Pressure				
ECG				
Profile and CBC				
Profile, CBC, and Urinalysis				
Profile, CBC, UA, and Culture				
Profile, T4, CBC				
Profile, T4, CBC, UA				
Profile, T4, CBC, UA, and Culture				
Urinalysis and Sediment				
Hold Urine for Culture				
I-STAT Type:				
Electrolytes (TechPet)				
Arterial Blood Collection				
Radlographs:				
Abdomen				
Thorax				
Extremity:				
Skull				
Spine				
Heat				
Oxygen				
IV Catheter, Capped				
IV Catheter, Line and Setup				
Central Line Catheter				
Fluids:				
Pain Medication:				
Medications:				

# Blood Pressure

Friendship Hospital For Animals

Pinuki Kenney  
ID: 1

DOB: 08/02/2003  
Sex: FS  
Species: Canine  
Breed: Bernese Mountain Dog  
Weight: 59.6 lbs.

Time:	<input type="text" value="1100"/>	Systolic:	<input type="text" value="100"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text" value="ved"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>
Time:	<input type="text"/>	Systolic:	<input type="text" value="0"/>	Diastolic:	<input type="text" value="0"/>	Mean:	<input type="text" value="0"/>	HR:	<input type="text"/>	Initials:	<input type="text"/>

**Comments:**

doppler, tail, 5 cuff

222010

Covert, Kristine

EMO	WBC	15.1		10 <sup>3</sup> /uL	6.0-17.1
EMO	RBC		3.20	10 <sup>6</sup> /uL	5.5-8.5
EMO	HGB		6.9	g/dL	12-18
EMO	HCT		22.7	%	37-55
EMO	MCV	70.9		fL	60-77
EMO	MCH	21.6		pg	20-26
EMO	MCHC		30.4	g/dL	32-37
EMO	RDW	14.90		%	14.0-18.5
EMO	PLT	341		10 <sup>3</sup> /uL	200-475
EMO	M_SEG	77		%	60-77
EMO	M_LYMPH	17		%	12-30
EMO	M_MONO	6		%	3-10
EMO	ECS		1	%	2-10
EMO	BASO	0		%	0-1
EMO	ABS_SEG		11.55	10 <sup>3</sup> /uL	2.8-10.1
EMO	ABS_LYM	2.57		10 <sup>3</sup> /uL	0.9-4.6
EMO	ABS_MONO	0.85		10 <sup>3</sup> /uL	0.1-1.4
EMO	ABS_ECS	0.14		10 <sup>3</sup> /uL	0.0-1.5
EMO	CRPK		5.82	%	0-1.0
EMO	RETI C		11.80	%	0-1.0
EMO	ABS_RET	377600		/uL	See below

# PCV/TP

Friendship Hospital For Animals

Pinuki Kenney  
ID: 1

DOB: 08/02/2003

Sex: FS

Species: Canine

Breed: Bernese Mountain Dog

Weight: 59.6 lbs.

**PCV**

**Total Protein**

**Tim**

**Technician**

25.0

5.0

1030

Juliana

**Comments:**

# PT/PTT

Friendship Hospital For Animals

Pinuki Kenney  
ID: 1

DOB: 08/02/2003  
Sex: FS  
Species: Canine  
Breed: Bernese Mountain Dog  
Weight: 59.6 lbs.

## Canine/Feline

### PT Level:

Fresh Whole Blood:	0
Citrated Blood:	11

9-12/13-22  
12-17/15-23

### APTT Level:

Fresh Whole Blood:	0
Blood:	76

59-87/66-123  
71-102/70-120

### Comments:

04/17/2011	THI	C- Sedation Effects
04/17/2011	THI	M- Acepromazine
04/17/2011	THI	DX- PT/PTT MSG
04/17/2011	THI	CHI- General Information for Owner
04/17/2011	THI	C- Band-aid Removal
04/17/2011	THI	DX- Packed Cell Volume
04/17/2011	THI	DX- CBC msg

ANTECH DIAGNOSTICS

1390 East Guide Drive Rockville MD 20850USA Phone: 800-872-1001

VCA Veterinary Referral Associates

500 Perry Hwy  
Gaithersburg, MD 20877 USA  
Tel: 301-926-3300  
Fax: 301-337-2328

Client # 2043  
Chart # 91777

Accession No. <b>ROAA02409419</b>	Doctor STONEHAM	Owner KENNEY	Pet Name PINUKI	Received 04/19/2011
Species Canine	Breed	Sex SF	Pet Age 7Y	Reported 04/19/2011 05:49 PM

Test Requested	Results	Reference Range	Units
<b>SUPERCHEM</b>			
Total Protein	4.6 (LOW)	5.0-7.4	g/dL
Albumin	2.5 (LOW)	2.7-4.4	g/dL
Globulin	2.1	1.6-3.6	g/dL
Albumin/Globulin Ratio	1.2	0.8-2.0	Ratio
AST (SGOT)	52	15-66	U/L
ALT (SGPT)	50	12-118	U/L
Alk Phosphatase	79	5-131	U/L
GGTP	<5	1-12	U/L
Total Bilirubin	0.1	0.1-0.3	mg/dL
Urea Nitrogen	33 (HIGH)	6-31	mg/dL
Creatinine	0.8	0.5-1.6	mg/dL
BUN/Creatinine Ratio	41 (HIGH)	4-27	Ratio
Phosphorus	4.0	2.5-6.0	mg/dL
Glucose	114	70-138	mg/dL
Calcium	8.2 (LOW)	8.9-11.4	mg/dL
Corrected Calcium	9.2		
Magnesium	1.9	1.5-2.5	mEq/L
Sodium	144	139-154	mEq/L
Potassium	3.7	3.6-5.5	mEq/L
Na/K Ratio	39		
Chloride	113	102-120	mEq/L
Cholesterol	137	92-324	mg/dL
Triglycerides	153	29-291	mg/dL
Amylase	617	290-1125	U/L
Lipase	330	77-695	U/L
CPK	220	59-895	U/L
<b>CBC</b>			
WBC	17.9 (HIGH)	4.0-15.5	10 <sup>3</sup> /μL
RBC	1.79 (LOW)	4.8-9.3	10 <sup>6</sup> /μL
Hemoglobin	3.7 (LOW)	12.1-20.3	g/dL
Hematocrit	12.0 (LOW)	36-60	%
MCV	67	58-79	fL
MCH	20.7	19-28	pg
MCHC	30.8	30-38	g/dL
Hypochromasia	Slight		
Poikilocytosis			
Target Cells	Slight		
Polychromasia	Moderate		
NRBC	3 (HIGH)	0-1	/100 WBC

Boxed to  
Date 4-20-11  
Time: 2:40 AM  
Initials: bga

Accession No.  
ROAA02409419

Doctor  
STONEHAM

Owner  
KENNEY

Pet Name  
PINUKI

Test Requested	Results	Reference Range	Units
Blood Parasites	None Seen		
Platelet Count	240	170-400	10 <sup>3</sup> /μL
Platelet EST	Adequate	Adequate	
<b>Differential</b>	<b>Absolute</b> %		
Neutrophils	13783 (HIGH) 77	2060-10600	10 <sup>9</sup> /L
Bands	0 0	0-300	/μL
Lymphocytes	3043 17	690-4500	
Monocytes	895 (HIGH) 5	0-840	
Eosinophils	179 1	0-1200	
Basophils	0 0	0-150	
Comment			

Blood smear reviewed by technologist.

Please note updated hematology reporting format.

Boxed To:  
Date: 4-20-11  
Time: 2:00 PM  
Initials: GAB



**Referring Veterinarian:** Dr. Katie Frantz

**Email:** [katie.frantz@vcahospitals.com](mailto:katie.frantz@vcahospitals.com)

**Clinic Name:**

VCA Veterinary Referral Associates

**Postal Address:**

500 Perry Parkway  
Gaithersburg, MD 20877  
Ph (301) 926-3300  
Fax (301) 977-1308 Fax Report(s)

**Client:** Kenney, Kenney

**Patient Name:** Pinuki Kenney

**Species:** Canine

**Age:** 7 years 8 months

**Modality/Images :** DX / 3

**Wt.:** N/A **Temp.:** N/A

**Case History:**

epistaxis; severe anemia

**Description:**

**Case Number:** 97854

**Breed:** Bernese Mountain Dog

**Sex:** Female(Spayed)

**Date Of Study:** Tue, 19 Apr 2011

**Pulse:** N/A **Resp.:** N/A

**Findings:**

Opposite lateral and ventrodorsal views of the thorax are available for evaluation. A fat opaque mass is observed in the subcutaneous tissues ventral to the xiphoid process. A second subcutaneous fat-to-soft tissue dense mass is observed along the right thoracic body wall at the level of the mid bodies of the right eighth and ninth ribs; this structure is superimposed over the liver on the lateral views. A fat-to-soft tissue opaque structure measuring approximately 4 cm in length is observed on the ventrodorsal view centered over the proximal aspect of the left eighth rib; this structure has a sharply marginated lateral border but a poorly marginated medial border. Soft tissue opacity is observed in the pleural space lateral to the right middle lung lobe on the ventrodorsal view; the right middle lung lobe is slightly retracted away from the body wall at this location. The cardiac silhouette, other mediastinal structures, pulmonary vessels, and pulmonary parenchyma are normal. Skeletal structures within the field-of-view are normal.

**Assessment:**

No evidence of pulmonary metastatic disease. Small volume of right-sided pleural effusion; given the patient's clinical history, this fluid likely represents hemorrhage. Multiple subcutaneous masses and nodules associated with the thoracic body wall. The fat to soft tissue structure observed superimposed over the left proximal eighth rib is believed to represent a nodule/mass associated with the subcutaneous tissues.

Thank you for allowing us to be part of your diagnostic team. If you have any questions please contact me directly.

**Specialist:** Dr. Matthew Baron  
**Phone:** (301) 926-3300  
**Email:** [matthew.baron@vcahospitals.com](mailto:matthew.baron@vcahospitals.com)  
**Date of Report:** Wed, 20 Apr 2011 11:38:13 EDT

**Board Certification:** DACVR  
**Fax:** (301) 977-1308

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4-22-11  
1:00 PM  
6 PM





**Referring Veterinarian:** Dr. Allison Sande

**Email:** [allison.sande@vcahospitals.com](mailto:allison.sande@vcahospitals.com)

**Clinic Name:**

VCA Veterinary Referral Associates

**Postal Address:**

500 Perry Parkway  
Gaithersburg, MD 20877  
Ph (301) 926-3300  
Fax (301) 977-1308 Fax Report(s)

**Client:** Kenney, Kenney

**Patient Name:** Pinuki Kenney

**Species:** Canine

**Age:** 7 years 9 months

**Modality/Images :** DX / 2

**Wt.:** N/A

**Temp.:** N/A

**Case Number:** 97854

**Breed:** Bernese Mountain Dog

**Sex:** Female(Spayed)

**Date Of Study:** Thu, 21 Apr 2011

**Pulse:** N/A

**Resp.:** N/A

**Case History:**

epistaxis

**Description:**

**Findings:**

Right lateral and ventrodorsal views of the thorax are available for evaluation and are compared to similar projections performed April 19, 2011. The previously observed soft tissue opacity in the pleural space lateral to the right middle lung lobe and dissecting along the pleural fissure between the right cranial and right middle lung lobes is again observed and is slightly smaller than on the previous exam. A thin the pleural fissure line is also observed in between the right middle and right caudal lung lobe. The fat-to-soft tissue opacities associated with subcutaneous tissues observed superimposed over the thorax and cranial abdomen observed previously are again observed and are unchanged. The cardiovascular structures and pulmonary parenchyma are normal and unchanged.

**Assessment:**

Slightly decreased amount of scant right-sided pleural effusion. Otherwise, unchanged thorax.

Thank you for allowing us to be part of your diagnostic team. If you have any questions please contact me directly.

**Specialist:** Dr. Matthew Baron

**Phone:** (301) 926-3300

**Email:** [matthew.baron@vcahospitals.com](mailto:matthew.baron@vcahospitals.com)

**Date of Report:** Thu, 21 Apr 2011 11:58:29 PDT

**Board Certification:** DACVR

**Fax:** (301) 977-1308

Powered by DarkHorse Medical Ventures

7-22-11

1:00AM

687

ANTECH DIAGNOSTICS

1111 Marcus Avenue Lake Success NY 11042USA Phone: 800-872-1001

VCA Veterinary Referral Associates  
500 Perry Hwy  
Gaithersburg, MD 20877 USA  
Tel: 301-926-3300  
Fax: 301-337-2328

Client # 2043  
Chart # 91777

Accession No. NYAB17809856	Doctor STONEHAM	Owner KENNEY	Pet Name PINUKI	Received 04/20/2011
Species Canine	Breed	Sex SF	Pet Age 7Y	Reported 04/21/2011 11:03 AM

Test Requested	Results	Reference Range	Units
<b>FASTPANEL PCR CANINE TICK BORNE PANEL PROFILE</b>			
Anaplasma phagocytophilum	Negative		
Anaplasma platys	Negative		
Babesia canis	Negative		
Babesia spp. (non-canis)	Negative		
Bartonella henselae	Negative		
Bartonella vinsonii	Negative		
Ehrlichia Canis	Negative		
Ehrlichia spp.	Negative		
M hemocanis/hematoparvum	Negative		
Neorickettsia risticii	Negative		
Rickettsia rickettsii	Negative		

\*\*\*\*\*

For the organisms marked NEGATIVE, DNA was not amplified from the sample provided. This finding indicates:

1. The animal is not infected by the organism.
2. The infection is peracute and amounts of DNA have not yet achieved detectable limits in the sample provided.
3. The infection is present in other fluids or tissues of the body but not the sample not the sample provided. If clinical signs are present and an antibody test is available for this organism it should be performed to evaluate for previous infection or exposure.
4. Previous anti-microbial therapy lowered the amounts of DNA to below detectable limits in the sample provided. If clinical signs are present and an antibody test is available for this organism it should be performed to evaluate for previous infection or exposure.
5. The infection is chronic and the immune system has limited the amounts of DNA to below detectable limits in the sample provided. If clinical signs are present an antibody test is available for this organism it should be performed to evaluate for previous infection or exposure.
6. Presence of PCR inhibitors in the sample provided led to false negative results.

4-22-11  
1:00 AM  
6:48

\*\*\*\*\*

Please note the following upgrades to our Canine Tick-Borne Fast Panel PCR panel. Babesia coco and Babesia conradae have been added to the

Accession No.  
NYAB17809856

Doctor  
STONEHAM

Owner  
KENNEY

Pet Name  
PINUKI

Test Requested	Results	Reference Range	Units
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panel. E. canis positives will now be reported without delay for speciation. Borrelia burgdorferi (lyme disease agent) is deleted from panel.

\*

4-22-11  
1:00 AM  
BAA

**Sample Profile**  
**VCA Veterinary Associates**  
**CCX Y01306140**  
**Laboratory**  
**4/21/2011 10:05 AM**  
**CCX:**

**PATIENT INFORMATION**

PATIENT ID 97854  
 Patient Name Kenney, Pinuki

**SAMPLE INFORMATION**

Time Analyzed 4/21/2011 10:03 AM  
 SAMPLE TYPE canine venous  
 PAT. TEMP. °F 98.6  
 BAROMETER: 753.37 mmHg  
 Analyzed by: novaservice  
 Released by: auto

**Errors**

**Comments**

Test	Results	Units	Test Ranges		flags
			Low	High	
<b>BLOOD GAS</b>					
pH	7.443		7.351	7.443	
pCO2	25.0	mmHg	33.6	41.2	<
pO2	55.8	mmHg	47.9	56.3	
SO2%	89.8		30.0	100.0	
Hct	32	%	36	60	<
Hb	10.6	g/dL	12.1	20.3	<
<b>CALCULATED</b>					
A	117.9	mmHg			
HCO3-	17.2	mmol/L			
BEecf	-7.1	mmol/L			
BEb	-5.0	mmol/L			
O2Ct	13.4	mL/dL			
O2Cap	14.7	mL/dL			
P50	26.3	mmHg			
SBC	20.1	mmol/L			
<b>CHEMISTRY</b>					
Na+	144.3	mmol/L	139.0	154.0	
K+	3.99	mmol/L	3.60	5.50	
Cl-	116.9	mmol/L	102.0	120.0	
Ca++	1.27	mmol/L	1.24	1.43	
Mg++	0.54	mmol/L	0.42	0.58	
Glu	101	mg/dL	70	138	
Lac	0.8	mmol/L	0.3	2.5	
BUN	17	mg/dL	6	25	
Creat	0.9	mg/dL	0.5	1.6	
<b>CALCULATED CHEMISTRY</b>					
TCO2	18.0	mmol/L			
Gap	10.2	mmol/L			
Ca/Mg	2.4	mol/mol			
nCa	1.30	mmol/L			
nMg	0.55	mmol/L			
Osm	289.1	mOsm/kg			
BUN/Cre	19.2	mg/mg			

Reported by \_\_\_\_\_ Time: \_\_\_\_\_

**Notes**

April 21, 2011 10:03AM  
 VCA Veterinary Referral Associates  
 500 Perry Parkway, Gaithersburg, MD  
 CLIENT: Kenney, Ileana DR: Allison Sande DVM  
 PATIENT: Pinuki BIRTHDATE: 08/02/03  
 BREED: Mountain Dog, Bernese SEX: Female ALTERED: Yes  
 PATIENT #: 97854 SPECIES: Canine  
 PROCEDURE: Nova ICU/ER Panel  
 CHART #: 91777

4-22-11  
 1:00AM  
 6A8



## VCA Veterinary Referral Associates

500 Perry Parkway  
Gaithersburg, MD 20877  
TEL: 301-926-3300  
FAX: 301-977-1308

### Diagnostic Imaging Report

**Date of exam:** April 22, 2011

**VRA Veterinarian:** Dr. Sande

**Patient information:**

Client Name: Kenney  
Patient Name: Pinuki  
Patient number: 97854  
Age: 8 years  
Sex: Female spayed  
Breed: Burnese Mountain Dog

**History:** Severe Epistaxis, severe anemia

**Modality:** Computed Tomography

**Study:** Skull

**Computed Tomographic Findings:**

2 mm axial images of the skull extending from the nasal planum to the level of the atlas are available for evaluation. A small, 6 mm, contrast enhancing soft tissue dense nodule is observed in the rostradorsal aspect of the left side of the nasal cavity at the level of the roots of the third maxillary incisors. There is a large, approximately 6.5 cm in greatest diameter, irregularly shaped, well-circumscribed fat density in the left rostradorsal aspect of the neck, centered laterodorsal to the left side of the atlas. The remainder of the nasal cavity and the rest of the study is normal.

**Computed Tomographic Conclusion:**

Small nodule in the rostral most aspect of the left nasal cavity is of unknown significance (this may represent an abnormal formation of nasal mucosa, granuloma, or benign polyp, or less likely, malignancy). This nodule could be rechecked by rhinoscopy in 3-4 weeks if clinically indicated. Given the small size of this nodule, it seems unlikely that this nodule would be responsible for the severity of the epistaxis described. Lipoma in the left dorsolateral aspect of the neck. Otherwise, normal nasal and skull CT.

A handwritten signature in black ink, appearing to read 'Matthew Baron', is written over a circular stamp or seal.

Matthew Baron DVM, DACVR

Faxed To: 3-656-5033  
Date: 4-26-11  
Time: 9:25  
Initials: MB

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**VCA Veterinary Referral Associates**

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Gaithersburg, MD 20877 USA  
Tel: 301-926-3300  
Fax: 301-337-2328

Client # 2043  
Chart # 91777

Accession No. <b>NYAB19657172</b>	Doctor <b>FRANTZ</b>	Owner <b>KENNEY</b>	Pet Name <b>PINUKI</b>	Received <b>05/10/2011</b>
Species Canine 07:52 AM	Breed Bernese Mountain Dog	Sex	Pet Age SF	Reported 7Y 05/10/2011

Test Requested	Results	Reference Range	Units
<b>PRE-OP SCREEN</b>			
Total Protein	4.5 (LOW)	5.0-7.4	g/dL
Albumin	2.5 (LOW)	2.7-4.4	g/dL
Globulin	2.0	1.6-3.6	g/dL
Albumin/Globulin Ratio	1.3	0.8-2.0	Ratio
ALT (SGPT)	18	12-118	U/L
Alk Phosphatase	74	5-131	U/L
Urea Nitrogen	45 (HIGH)	6-31	mg/dL
Creatinine	1.2	0.5-1.6	mg/dL
BUN/Creatinine Ratio	38 (HIGH)	4-27	Ratio
Glucose	105	70-138	mg/dL
<b>CBC</b>			
WBC	19.5 (HIGH)	4.0-15.5	10 <sup>3</sup> /μL
RBC	3.08 (LOW)	4.8-9.3	10 <sup>6</sup> /μL
Hemoglobin	5.4 (LOW)	12.1-20.3	g/dL
Hematocrit	15.7 (LOW)	36-60	%
MCV	51 (LOW)	58-79	fL
MCH	17.5 (LOW)	19-28	pg
MCHC	34.4	30-38	g/dL
Anisocytosis	Moderate		
Polychromasia	Marked		
NRBC	2 (HIGH)	0-1	/100 WBC
Blood Parasites	None Seen		
Platelet Count	389	170-400	10 <sup>3</sup> /μL
Platelet EST	Adequate	Adequate	
<b>Differential</b>	<b>Absolute</b>	<b>%</b>	
Neutrophils	15210 (HIGH)	78	2060-10600 10 <sup>9</sup> /L
Bands	0	0	0-300 /μL
Lymphocytes	2145	11	690-4500
Monocytes	1755 (HIGH)	9	0-840
Eosinophils	390	2	0-1200
Basophils	0	0	0-150
Comment	Blood smear reviewed by technologist. Please note updated hematology reporting format.		
<b>PT AND PTT</b>			
Prothrombin Time	6.6	5.5-12.0	seconds
PTT	10.0	10-25	seconds

*5/11/11*  
*12:39 AM*  
*lano*

# Sample Profile

VCA Veterinary Associates

CCX Y01306140

Laboratory

5/10/2011 08:35 AM

CCX::

## PATIENT INFORMATION

PATIENT ID:

97854

Patient Name

Kenney, Pinuki

## SAMPLE INFORMATION

Time Analyzed

5/10/2011 08:33 AM

SAMPLE TYPE

canine venous

PAT. TEMP. °F

98.6

BAROMETER:

747.89 mmHg

Analyzed by:

novaservice

Released by:

auto

## Errors

## Comments

<u>Test</u>	<u>Results</u>	<u>Units</u>	<u>Test Ranges</u>		<u>flags</u>
			<u>Low</u>	<u>High</u>	
<b>BLOOD GAS</b>					
pH	7.438		7.351	7.443	
pCO2	28.4	mmHg	33.6	41.2	<
pO2	39.9	mmHg	47.9	56.3	<
SO2%	75.2		30.0	100.0	
Hct	28	%	38	60	<
Hb	8.4	g/dL	12.1	20.3	<
<b>CALCULATED</b>					
A	112.8	mmHg			
HCO3-	19.4	mmol/L			
BEecf	-5.1	mmol/L			
BEb	-3.5	mmol/L			
O2Ct	8.9	mL/dL			
O2Cap	11.7	mL/dL			
P50	27.9	mmHg			
SBC	21.2	mmol/L			
<b>CHEMISTRY</b>					
Na+	144.4	mmol/L	139.0	154.0	
K+	4.31	mmol/L	3.60	5.50	
Cl-	117.1	mmol/L	102.0	120.0	
Ca++	1.26	mmol/L	1.24	1.43	
Mg++	0.58	mmol/L	0.42	0.58	
Glu	95	mg/dL	70	138	
Lac.	0.8	mmol/L	0.3	2.5	
BUN	27	mg/dL	6	25	>
Creat	1.1	mg/dL	0.5	1.6	
<b>CALCULATED CHEMISTRY</b>					
TCO2	20.2	mmol/L			
Gap	7.9	mmol/L			
Ca/Mg	2.2	mol/mol			
nCa	1.28	mmol/L			
nMg	0.58	mmol/L			
Osm	292.2	mOsm/kg			
BUN/Creat	24.2	mg/mg			

Reported by \_\_\_\_\_ Time: \_\_\_\_\_

## Notes

PCV 24%  
T-P 5.0

5/11/11  
12:30 AM  
6/12/11



VCA Veterinary Referral Associates

500 Perry Parkway  
Gaithersburg, MD 20877  
TEL: 301-926-3300  
FAX: 301-977-1308

## ***VRA Surgical Services: Procedural Summary***

Date: 5-10-2011  
Client: Ileana Kenney  
Patient: Pinuki  
Surgeon: Saylor  
Assistant:

Client#: 91777

Presenting Complaint: Epistaxis left nostril causing severe anemia and the need for transfusions on 2 occasions

Procedure: Left carotid ligation; Rhinoscopy, Biopsy

Procedure Commentary: Lateral cervical approach to the left carotid. Carotid separated from the vagosympathetic trunk and ligated with 2 sutures of 2-0 silk.  
Rhinoscopy of the left nasal sinus. Generalized mucosal thickening. Normal mucous accumulation. At the level of the caudal aspect of the ventral meatus there was a large clot that filled the meatus and extended into the choanae. Directly medial and dorsal to the clot was a polypoid appearing lesion that resembled a cluster of grapes. This was removed and submitted for biopsy. Further exam of the nasal sinus and the angle into the frontal sinus showed only mucosal hyperplasia and layering.

### Submissions:

1. Biopsy tissue left nasal sinus

David K. Saylor VMD  
Chief of Surgery

*David K. Saylor V.M.D., Senior Surgeon  
Aylin Atilla VMD, MS DACVS  
Matthew M. Keats, DVM, DACVS*

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500 Perry Hwy  
Gaithersburg, MD 20877 USA  
Tel: 301-926-3300  
Fax: 301-337-2328

Client # 2043  
Chart # 91777

Accession No. <b>NYBB00683955</b>	Doctor SAYLOR	Owner <b>KENNEY</b>	Pet Name PINUKI	Received 05/11/2011
Species Canine	Breed	Sex SF	Pet Age 8Y	Reported 05/12/2011 01:44 PM

<b>Test Requested</b>	<b>Results</b>	<b>Reference Range</b>	<b>Units</b>
<b>HISTOPATHOLOGY, FULL WRITTEN REPORT</b>			

**Biopsy**

Microscopic Description: Multiple rhinoscopic nip biopsies of nasal turbinate mucosa are submitted and examined. All the fragments demonstrate intact epithelial surface and mild infiltrate of mixed small lymphocytes and some plasma cells in the lamina propria with mild edema

Microscopic Findings: NASAL SINUS - MILD CHRONIC LYMPHOPLASMACYTIC RHINITIS.

Comment: The inflammation present is mild and no organisms or evidence of neoplasia are revealed. This might suggest a variant of mild allergic type rhinitis.

Dr. Stephen Engler 508-620-1879 stephen.engler@antechmail.com

**REPORT NOTES:**  
NASAL TISSUE

Faxed To: Dr. Raichura & Dr. Maniet  
Date: 5/18/11  
Time: 9:40am  
Initials: Amey

**ANTECH DIAGNOSTICS**

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**VCA Veterinary Referral Associates**

500 Perry Hwy  
Gaithersburg, MD 20877 USA  
Tel: 301-926-3300  
Fax: 301-337-2328

Client # 2043  
Chart # 91777

Accession No. <b>NYAB21821641</b>	Doctor SAYLOR	Owner <b>KENNEY</b>	Pet Name PINUKI	Received 06/02/2011
Species Canine 06:46 AM	Breed Bernese Mountain Dog	Sex	Pet Age SF	Reported 7Y 06/02/2011

Test Requested	Results	Reference Range	Units
<b>CBC</b>			
WBC	13.9	4.0-15.5	10 <sup>3</sup> /μL
RBC	6.10	4.8-9.3	10 <sup>6</sup> /μL
Hemoglobin	9.4 (LOW)	12.1-20.3	g/dL
Hematocrit	30.9 (LOW)	36-60	%
MCV	51 (LOW)	58-79	fL
MCH	15.4 (LOW)	19-28	pg
MCHC	30.4	30-38	g/dL
Platelet Count	589 (HIGH)	170-400	10 <sup>3</sup> /μL
Platelet EST	Increased	Adequate	
<b>Differential</b>	<b>Absolute</b>	<b>%</b>	
Neutrophils	10564	76	10 <sup>9</sup> /L
Bands	0	0	/μL
Lymphocytes	1946	14	
Monocytes	695	5	
Eosinophils	556	4	
Basophils	139	1	