



**PATIENT PRESENTING CLINICAL SIGNS**

Sumi Park History: Acute onset vomiting – treated symptomatic, now having diarrhea.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: N/A.

Havanese Mix Radiographic Findings: N/A.

**SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

FS **Urinary System**

**AGE** Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

**WEIGHT** Normal trigone area, proximal urethra, and iliac blood vessels.

20.5 # Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (right 5.3 cm). with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

**INTERPRETED BY** **Reproductive System**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM  
N/A.

**Adrenal Glands**

**IMAGING PERFORMED BY** Normal shape, echogenic appearance, position, and size. Left 1.69 x 0.43 cm, right 1.79 x 0.56 cm.

Dr Paul Kim

**HOSPITAL NAME** **Spleen**

Ridgefield Park Animal Hospital Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes evident.

**REFERRING VET** **Liver**

Dr Paul Kim

**INVOICE** Enlarged with rounded edges, mottled echogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are parenchymal, hypoechogenic, and up to 0.7 cm in size. No masses evident.

304127

**Gall bladder**

**DATE** Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

4/17/23



**PATIENT** *Gastrointestinal*

Sumi Park Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness, and no distension of the lumen. Gas within the stomach. Fecal material and fluid within the colon.

**SPECIES**

Canine *Pancreas*

Normal size (left 0.7 cm, right 1.1 cm) with a hyperechogenic appearance and irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**BREED**

Havanese Mix *Free Abdomen*

**SEX** No mesenteric lymphadenomegaly.  
No ascites evident.

FS

**AGE**

12 years

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Nodular hepatopathy.
- Chronic pancreatitis vs fibrosis.

**WEIGHT**

20.5 #

Secondary Findings:

- Age-related renal changes.
- Gall bladder sediment.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD, Dipl.  
ECVIM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the liver would be nodular hyperplasia, chronic hepatitis, abscessation, granulomatous disease, and infiltrative neoplasia.

**IMAGING PERFORMED BY**

Dr Paul Kim

Further assessment would be fecal analysis, serum biochemistry (if not already performed), cPL/PSL assay, and FNA cytology of the liver.

**HOSPITAL NAME**

Ridgefield Park Animal  
Hospital

Specific therapy would be dependent on an etiological diagnosis.

**REFERRING VET**

Dr Paul Kim

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**PATIENT IMAGES**

Sumi Park **Liver**

**SPECIES**

Canine

**BREED**

Havanese Mix

**SEX**

FS

**AGE**

12 years

**WEIGHT**

20.5 #

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**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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**REFERRING VET**

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**PATIENT Pancreas**

Sumi Park

**SPECIES**

Canine

**BREED**

Havanese Mix

**SEX**

FS

**AGE**

12 years

**WEIGHT**

20.5 #



**INTERPRETED BY**

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MMedVet (Med), PhD, Dipl.  
ECVIM

**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**IMAGING PERFORMED BY**

Dr Paul Kim

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
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**HOSPITAL NAME**

Ridgefield Park Animal  
Hospital

**REFERRING VET**

Dr Paul Kim

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