



**PATIENT PRESENTING CLINICAL SIGNS**

Princess Chung  
**SPECIES**  
 Canine  
**BREED**  
 Pomeranian  
**SEX**  
 FS  
**AGE**  
 6 years  
**WEIGHT**  
 12.1 #  
**INTERPRETED BY**  
 Remo Lobetti, BVSc,  
 MMedVet (Med), PhD,  
 Dipl. ECVIM  
**IMAGING PERFORMED BY**  
 Dr Paul Kim  
**HOSPITAL NAME**  
 Ridgefield Park Animal  
 Hospital  
**REFERRING VET**  
 Dr Paul Kim

History: Hemorrhagic diarrhea.  
 Physical Examination: N/A.  
 Urinalysis: N/A.  
 Fecal Analysis: Clostridial spores.  
 CBC: N/A.  
 Serum Biochemistry: N/A.  
 Radiographic Findings: N/A.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.  
 Normal trigone area, proximal urethra, and iliac blood vessels.  
 Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

N/A.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 1.96, right 1.44 cm.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Fluid/fecal material within the colon.

**INVOICE**

302890

**DATE**

4/7/22



**PATIENT** *Pancreas*

Princess Chung Normal size (right 1 cm, left 0.6 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

No ascites.

**BREED** Normal portal vein (0.3 cm).

Pomeranian

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- Colitis?

**AGE** Secondary Findings:

- None.

**WEIGHT**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

With the history and liquid fecal material within the colon evident on this ultrasound, colitis would be a highly likely diagnosis with possible etiologies being inflammatory bowel disease, dietary hypersensitivity, helminths, emerging granulomatous colitis, and emerging lymphoma.

Further assessment would be fecal analysis and colonoscopy with biopsies.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be novel protein/hypoallergenic diet and a course of fenbendazole and/or metronidazole.

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**IMAGES**

Colon



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.

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