



PATIENT PRESENTING CLINICAL SIGNS

Cream Hong History: Hematuria past 2 days.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Pomeraniae Radiographic Findings: N/A.

SEX

FS

AGE

10 years

WEIGHT

10.9 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall. Moderate amount of floating hyperechogenic sediment. No uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

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

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Paul Kim

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.98 cm, right 1.1 cm.

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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. Incidental myelolipoma (0.6 cm).

REFERRING VET

Dr Paul Kim

Liver

Normal size with a diffuse hyperechogenic appearance, and some loss of portal markings. No nodules or masses evident. Full gall bladder containing moderate amount of hyperechoic non-adherent sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

DATE

2/13/22

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.



PATIENT *Pancreas*

Cream Hong Normal size (right 0.5, 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 **ULTRASONOGRAPHIC FINDINGS**

Pomeraniae

SEX Primary Findings:
FS

- Urinary bladder sediment.
- Hepatopathy.

AGE Secondary Findings:
10 years

- Age-related renal changes vs chronic kidney disease.
- Gall bladder sediment.

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

10.9 #

INTERPRETED BY Etiologies for the urinary bladder would be bacterial cystitis, sterile cystitis, hemorrhage, and crystalluria.

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Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, early nodular regeneration, chronic hepatitis, early cirrhosis, and infiltrative neoplasia.

IMAGING PERFORMED BY Further assessment would be urinalysis, urine culture, serum biochemistry, and FNA cytology of the liver.

Dr Paul Kim Specific therapy would be dependent on an etiological diagnosis. Ursodiol can be considered for the gall bladder sediment.

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PATIENT

Cream Hong

SPECIES

Canine

BREED

Pomeraniae

SEX

FS

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IMAGES

Urinary bladder



Liver/gall bladder



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HOSPITAL NAME

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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.

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