



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Shasha Kim
SPECIES Canine
BREED Poodle Mix
SEX FS
AGE 14 years
WEIGHT 25.6 #

PRESENTING CLINICAL SIGNS
 History: Seizures.
 Physical Examination: N/A.
 Urinalysis: N/A.
 CBC: N/A.
 Serum Biochemistry: Elevated ALP activity and PSL.
 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 (right 4.2 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, pelvis, and capsule. Focal nodule in the cranial pole of the left kidney (1.9 cm).

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of right gland (length 1.35 cm) but enlarged left gland (width 1.05 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. Incidental myelolipoma (0.4 cm).

Liver

Normal size with a diffuse mottled and coarse echogenic appearance, and some loss of portal markings. Focal hyperechogenic parenchymal nodule (0.6 cm). No masses evident. Full gall bladder containing moderated amount of floating hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

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

INVOICE

302899

DATE

4/12/22



PATIENT

Shasha Kim

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.27 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Pancreas

Canine

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Free Abdomen

Poodle Mix

No mesenteric lymphadenomegaly.
No ascites.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

AGE

14 years

Primary Findings:

- Hepatopathy.
- Renal nodule.
- Left adrenomegaly.

WEIGHT

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Secondary Findings:

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

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be age-related, reactive, vacuolar, chronic hepatitis, early nodular regeneration, and early cirrhosis, with infiltrative neoplasia a far less likely differential diagnosis. The hepatic nodule is most likely an incidental finding with neoplasia and granuloma, differential diagnoses.

Etiologies for the renal nodule would be neoplasia, hematoma, granuloma, and abscess.

Etiologies for the adrenomegaly would be age-related, stress/disease related, and emerging Cushing's disease.

Further assessment would be FNA cytology of the liver and renal nodule and adrenal function testing (ACTH stimulation/LDDS test).

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be ursodiol and ultrasound monitoring of the liver, renal nodule, and left adrenal gland.

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IMAGES

Left kidney



Liver





PATIENT

Gall bladder

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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.

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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.

HOSPITAL NAME

Ridgefield Park Animal Hospital

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