



PATIENT

Nike Davis

SPECIES

Canine

BREED

Heeled Australian Shepherd X

SEX

Spayed Female

AGE

11 Years

WEIGHT

21.6 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Chestermere
VC/McKnight 24-Hour

REFERRING VET

Dr. Rotarou

INVOICE

13189

DATE

12/27/21

PRESENTING CLINICAL SIGNS

History: Inappetent lethargic and anorexic. Palpable Ab mass.

Abnormal PE/Chem/CBC/UA Results: Non regenerative anemia, neutrophil is, mod elevation Amylase Lipase mild elevation ALPK

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Pinpoint mineralization was present in the kidneys. The right kidney measured 6.01 cm. The left kidney measured 6.02 cm.

Adrenal Glands

The region of the **right adrenal gland** revealed no evident pathology.

The **left adrenal gland** was swollen at the cranial pole, measuring 1.03 cm and the cranial pole and 0.7 cm at the caudal pole.

Spleen

The **spleen** revealed a mixed hypoechoic, complex 7 cm mass, deriving from the caudal body.

Liver

The left **liver** in this patient revealed a complex mixed hypoechoic cystic mass as well as a separate mixed hypoechoic mass deriving from what appeared to be the caudate process. Other nodular changes were noted in the liver. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

Heart



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A rapid view of the heart revealed no evident pathology in the right auricle. Normal contractility and chamber sized were noted. No evidence of cardiac disease.

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ULTRASONOGRAPHIC FINDINGS

- Splenohepatic cavitated neoplasia, suggestive for multicentric hemangiosarcoma
- Age-related renal changes with pinpoint mineralization
- Swollen left adrenal gland
- No evidence of cardiac disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No contraindication to anesthetic procedure, however, the abdominal presentation does not appear to be resectable. Prognosis is poor long term.

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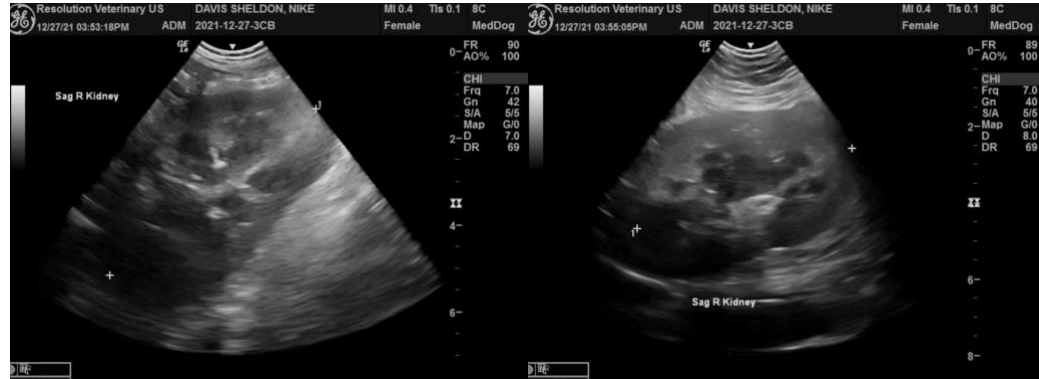
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com