



PATIENT

Ziva Duttlinger

PRESENTING CLINICAL SIGNS

History: increased ALT at rDVM, here for u/s, FNA of liver taken today

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Airedale

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 was noted. Ureteral papillae were normal.

SEX

Female

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.7 cm. The right kidney measured 7.06 cm.

AGE

11 years

WEIGHT

50 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.94 cm at the cranial pole and 0.68 cm at the caudal pole. The left adrenal gland measured 0.53 cm at the caudal pole and 0.63 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

HOSPITAL NAME

Sondel Family VC

Liver

The **liver** revealed multifocal, hypoechoic nodular changes with mild, disruptive architecture. Uniform hepatic swelling was present. The gallbladder and common bile duct were unremarkable.

REFERRING VET

Dr. Sondel

Gastrointestinal

INVOICE

42514

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.

DATE

1/4/23



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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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Airedale

Undefined, hepatic nodular changes. Pronounced nodular hyperplasia versus round cell neoplasia, metastatic disease and abscessation are all possible.

SEX

Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA was performed without complication. Management should be based on FNA results. The distribution is throughout the liver and not a surgical issue.

AGE

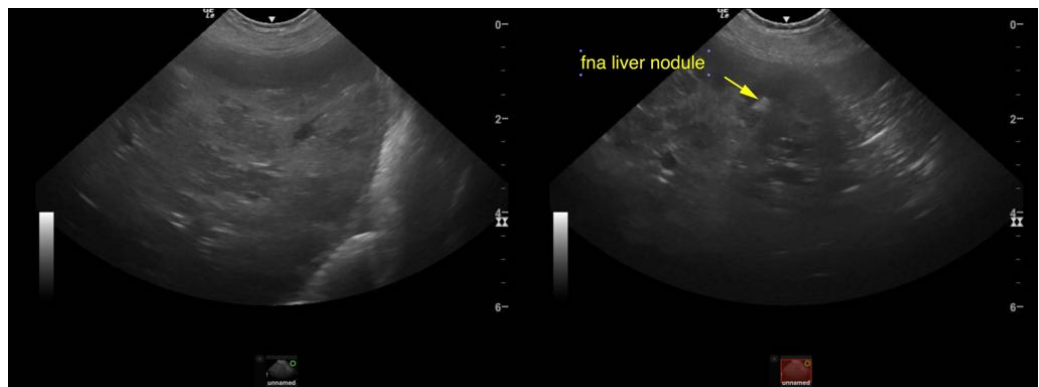
11 years

WEIGHT

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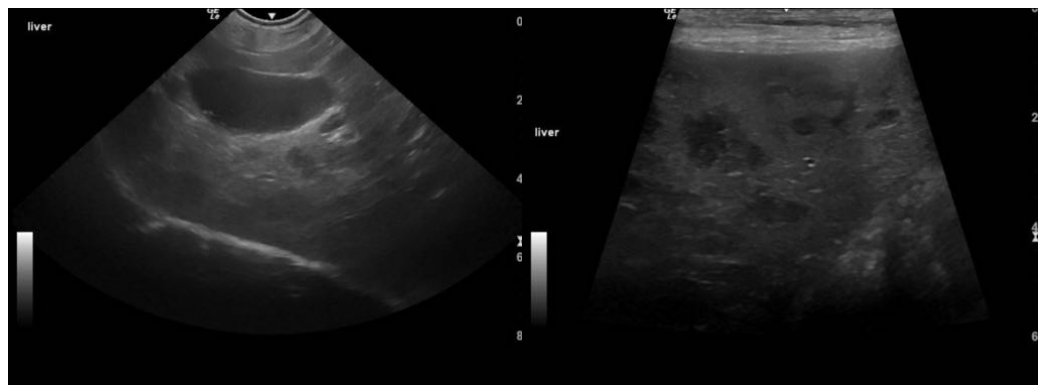


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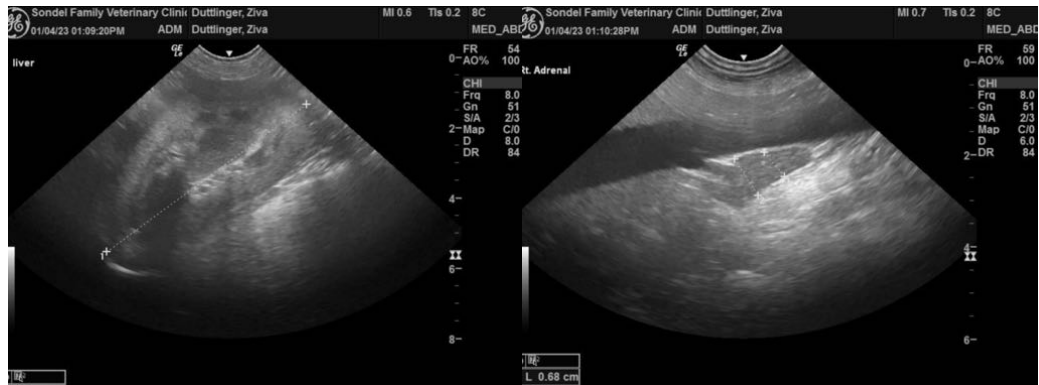
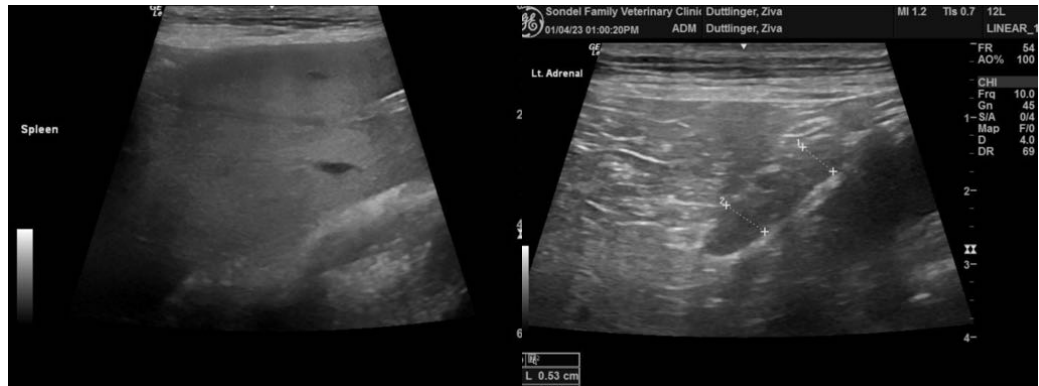
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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