



PATIENT PRESENTING CLINICAL SIGNS

Tia Taylor
Hx CaOx stones - will not eat urinary diet, potassium citrate. splenomegaly palpated on annual exam 12/30/21 - rads hepatosplenomegaly. Labwork triglycerides 427 BG 60 rest NR. still need urine sample. collapsing trachea and increased cough - recent temaril P taper resolved cough (CXR collapsing trachea, no mets, no pneumonia). AUS due to hepatosplenomegaly.

SPECIES
Abnormal PE/Chem/CBC/UA Results: splenomegaly palpable cough resolved with temaril P mild elevated triglycerides, low normal BG

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Yorkie Urinary System

SEX
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.

Spayed Female

AGE
The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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. Mineralization noted in both kidneys. Largest mineralization on the right kidney measured 0.25 cm. The left kidney measured 3.5 cm.

12 Years

WEIGHT
Adrenal Glands

14.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **left adrenal gland** was 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 left adrenal gland measured 0.5 cm.

The **right adrenal gland** was heterogeneous and mildly enlarged with a hyperechoic 1.0 cm nodule. The right adrenal gland measured 1.0 cm at the cranial pole and 0.60 cm at the caudal pole. Slight areas of mineralization appeared to be occurring.

IMAGING PERFORMED BY

Dr. Nicole Arms

Spleen

The **spleen** was mildly enlarged and folded upon itself, uniform, most consistent with hypersplenism.

HOSPITAL NAME

Gilberstville VH

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

REFERRING VET

Dr. Nicole Arms

INVOICE

34104

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. The stomach was empty at the time of the sonogram. 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

1/7/22



PATIENT

Pancreas

Tia Taylor

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

Yorkie

- Minor hypersplenism
- Minor degenerative renal changes with slight mineralization
- Nodular right adrenal gland – likely hyperplasia

SEX

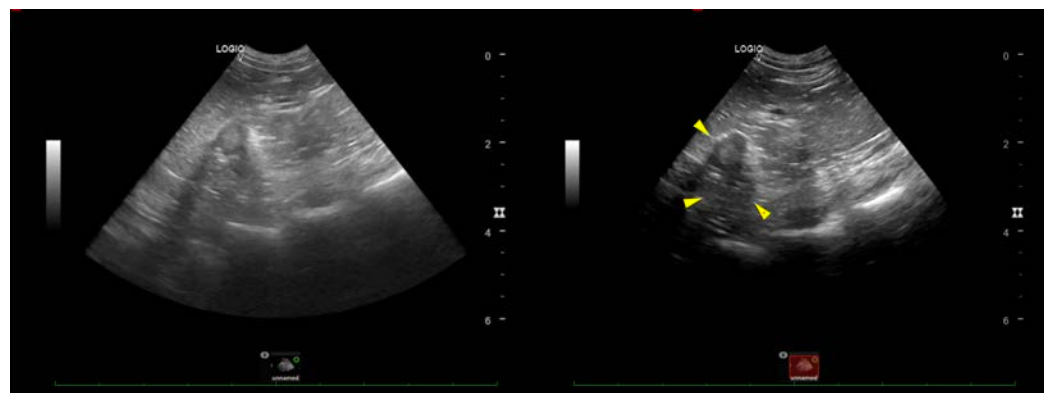
Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If any hypertension is present and the patient appears Cushingoid, then workup for adrenal dependent Cushing's or pheochromocytoma warranted. However, this is likely a benign lesion often found in this breed. Recommend recheck of the right adrenal gland in one month, especially to assess for any growth.

AGE

12 Years



WEIGHT

14.5 Pounds

INTERPRETED BY

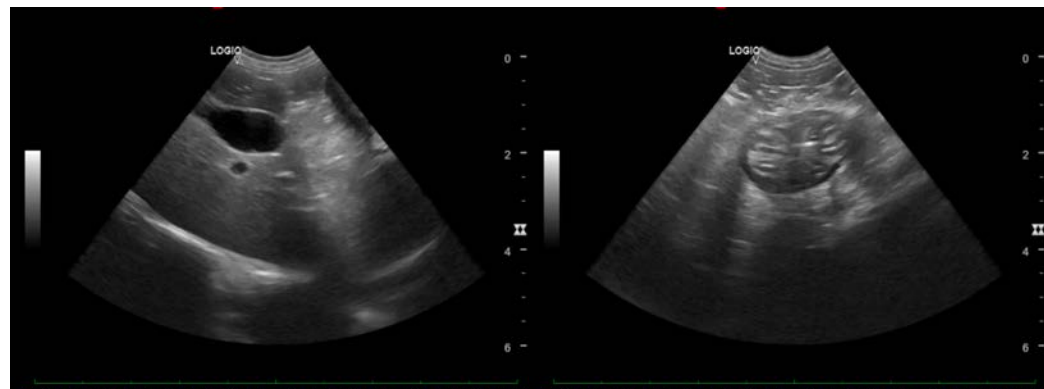
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HOSPITAL NAME

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DATE

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PATIENT

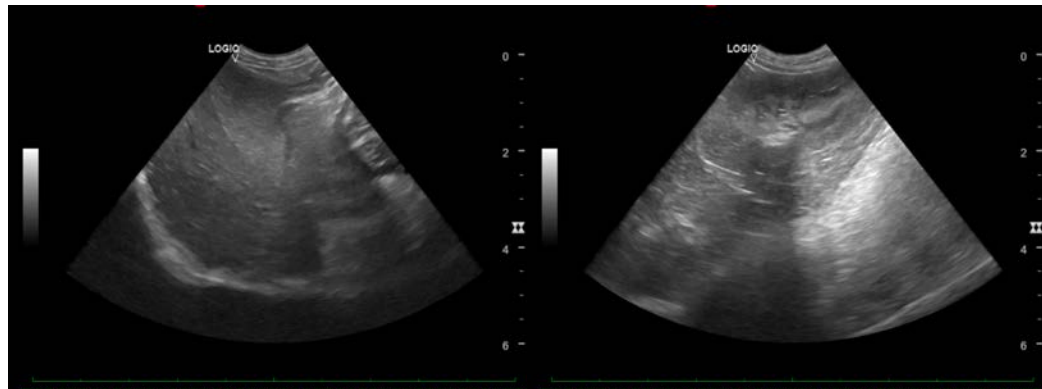
Tia Taylor

SPECIES

Canine

BREED

Yorkie



SEX

Spayed Female

AGE

12 Years

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DATE

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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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