



PATIENT

Bailey Rijos

PRESENTING CLINICAL SIGNS

ALKP 648, GGT and ALT WNL, liver enzyme elevation work-up
Abnormal PE/Chem/CBC/UA Results: ALKP 648 UA: crystals (struvite), cocci bacteria SG: 1.036

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Dachshund

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Spayed Female

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. The right kidney measured 5.1 cm. The left kidney measured 4.6 cm.

AGE

9 Years

Adrenal Glands

WEIGHT

Not Provided

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 left adrenal gland measured 2.05 cm x 0.55 cm at the caudal pole and 0.59 cm at the cranial pole. The right adrenal gland measured 1.77 cm x 1.04 cm at the cranial pole and 0.61 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV

Spleen

DABVP, Cert. IVUSS

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

IMAGING PERFORMED BY

Jessica Miller

Liver

HOSPITAL NAME

BPH of Bridgewater

The **liver** presented coarse architecture, increased portal markings, and ill-defined hyper- and hypoechoic nodular changes, most consistent with inflammatory hepatopathy/nodular hyperplasia. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

REFERRING VET

Dr. Baker

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.

INVOICE

36802

Pancreas

DATE

4/11/22

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain



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upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

ULTRASONOGRAPHIC FINDINGS

SPECIES

Canine

- Inflammatory hepatopathy/nodular hyperplasia liver pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA could be considered for further definition of the hepatic presentation. No suspicion of neoplasia.

BREED

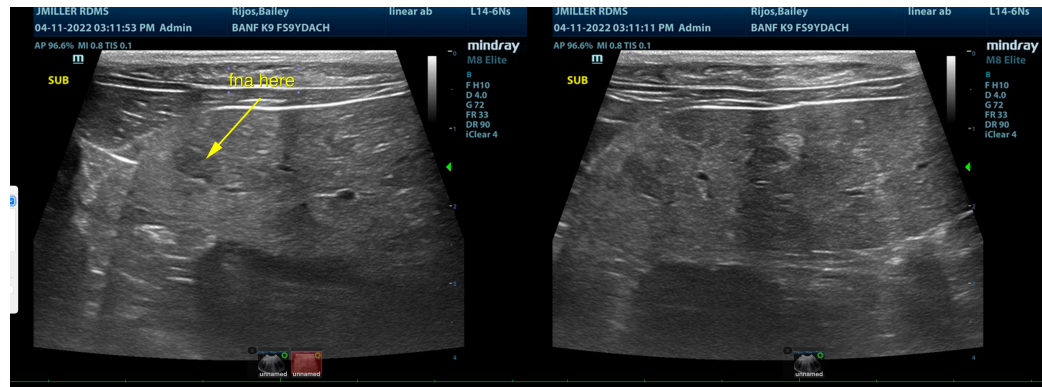
Dachshund

SEX

Spayed Female

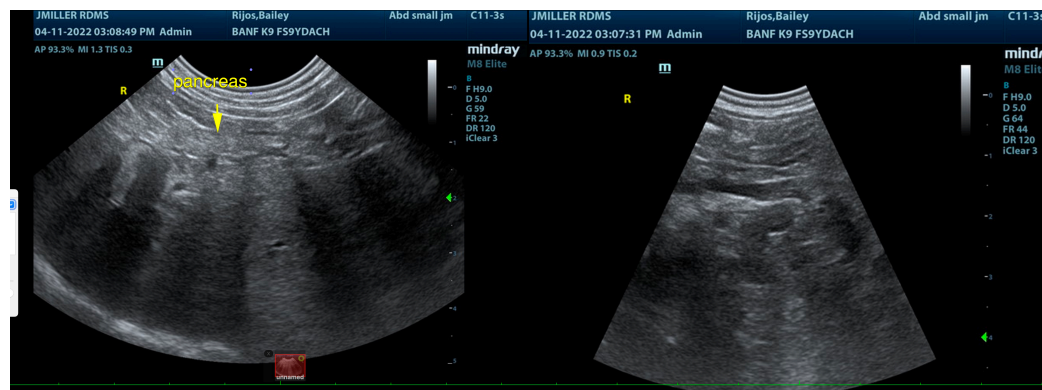
AGE

9 Years



WEIGHT

Not Provided

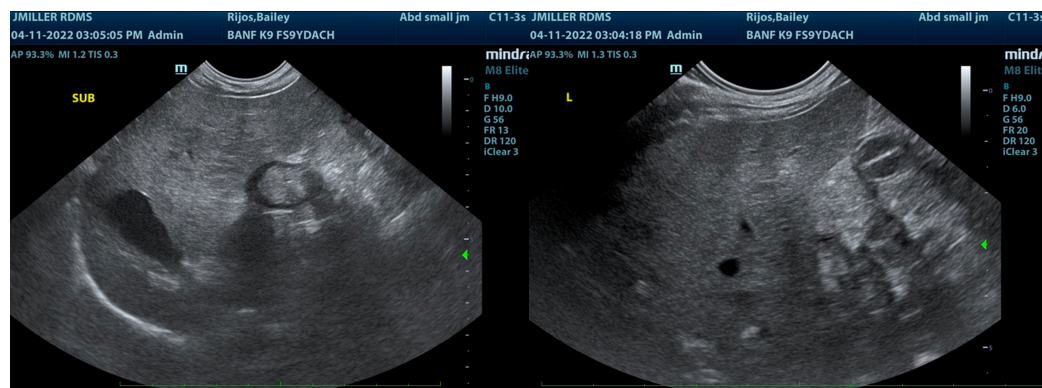


INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller



HOSPITAL NAME

BPH of Bridgewater

REFERRING VET

Dr. Baker

INVOICE

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DATE

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PATIENT

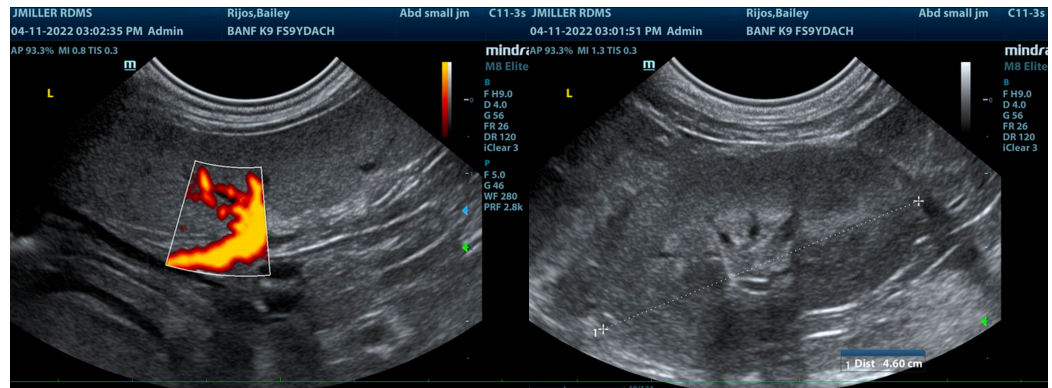
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SPECIES

Canine

BREED

Dachshund



SEX

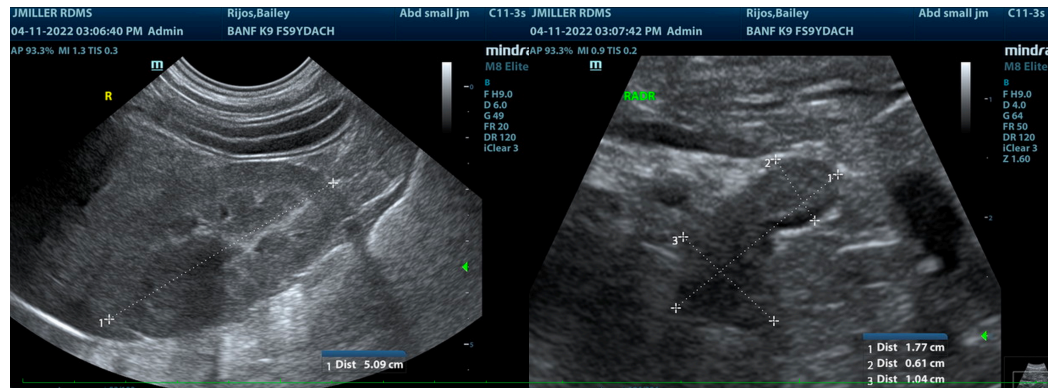
Spayed Female

AGE

9 Years

WEIGHT

Not Provided



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Eric Lindquist, DMV
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IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

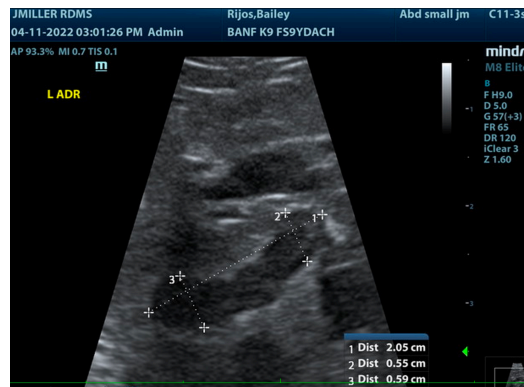
Dr. Baker

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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

info@SonoPath.com