



PATIENT PRESENTING CLINICAL SIGNS

Bel Condie History: Anorexia, lethargy for a few days, high liver enzymes
BW and radiologist x-rays reports are attached.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Collie Mix

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

SEX

Spayed Female

AGE

9 years

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mild to moderate mineralization was noted. The left kidney measured 6.81 cm. The right kidney measured 7.71 cm.

WEIGHT

31.8 kg

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Abe Zadeh

Spleen

The **spleen** revealed minor, heterogenous parenchyma. The spleen measured 2.65 cm. multi-focal areas of mineralization were noted in the spleen with minor swelling and measured 2.2 cm at maximum width.

HOSPITAL NAME

Dr. Abe

Liver

REFERRING VET

Dr. Abe Zadeh

The **liver** revealed expansive, mixed, echogenic, undifferentiated mass that measured 8.6 x 4.77 cm. The mass was deriving from the left liver. A right caudal liver mass was also noted and measured 5.62 cm. Regional free fluid and heterogenous changes were noted throughout the right liver with disrupted architecture. The gallbladder was mildly echogenic with a minor amount of sand and was slightly deviated. Multi-focal, heterogenous changes were noted elsewhere in the liver.

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Gastrointestinal

DATE

9/16/21

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



PATIENT

Bel Condie

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

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.

BREED

Collie Mix

Free Abdomen

SEX

Spayed Female

Free fluid was noted in the mid caudal abdomen.

AGE

9 years

ULTRASONOGRAPHIC FINDINGS

Diffuse hepatic neoplasia with multiple masses, non-surgical.

Possible splenic involvement.

WEIGHT

31.8 kg

Secondary free fluid. Paraneoplastic manifestation is likely owing to lymphatic congestion or portal hypertension.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver is recommended for further definition +/- the spleen. This is a particularly aggressive presentation.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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HOSPITAL NAME

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REFERRING VET

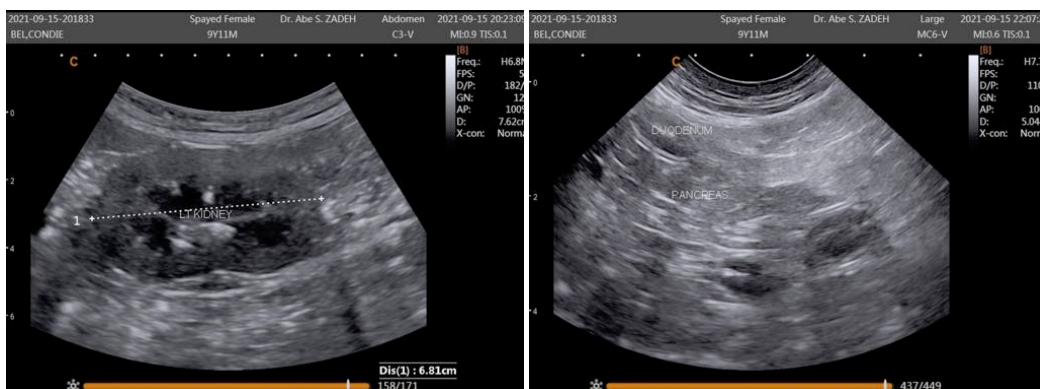
Dr. Abe Zadeh

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PATIENT

Bel Condie

SPECIES

Canine

BREED

Collie Mix

SEX

Spayed Female

AGE

9 years

WEIGHT

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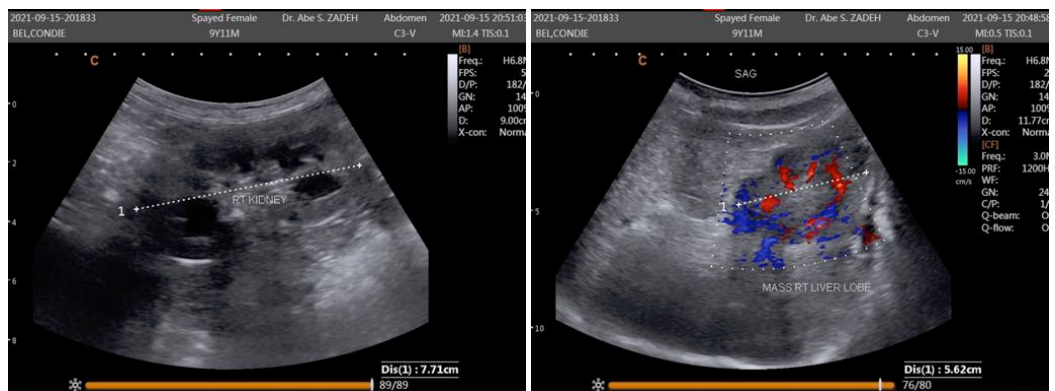
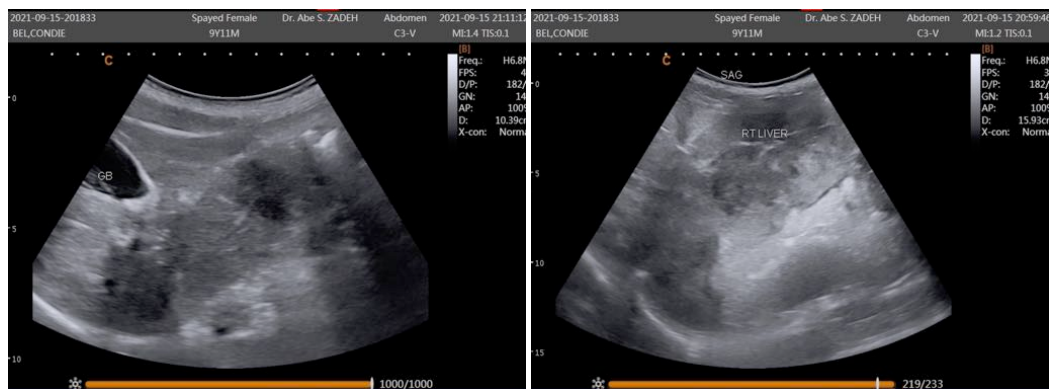
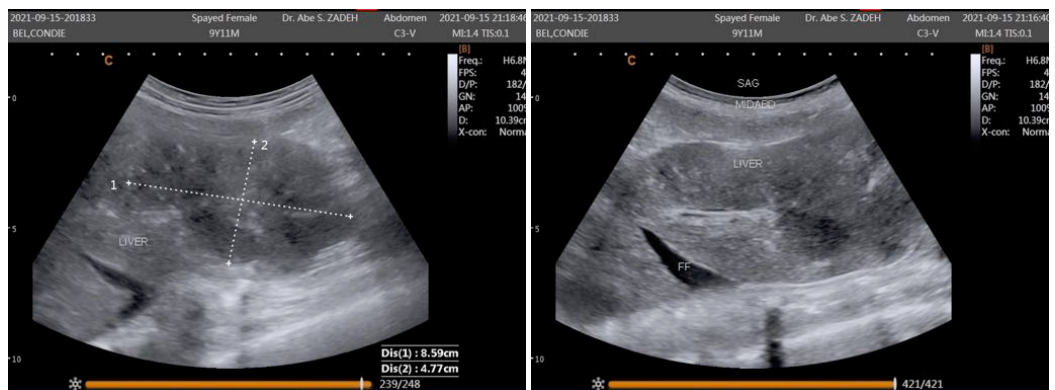
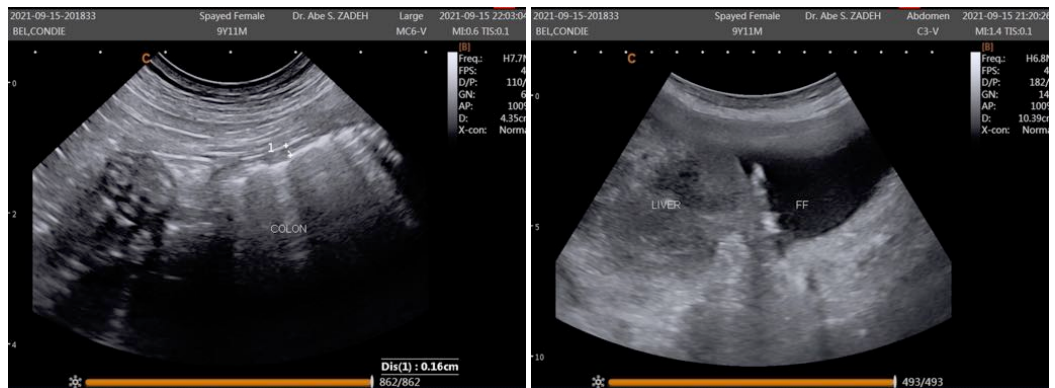
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PATIENT

Bel Condie

SPECIES

Canine

BREED

Collie Mix

SEX

Spayed Female

AGE

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WEIGHT

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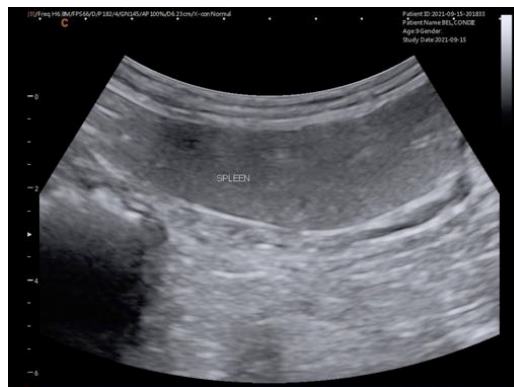
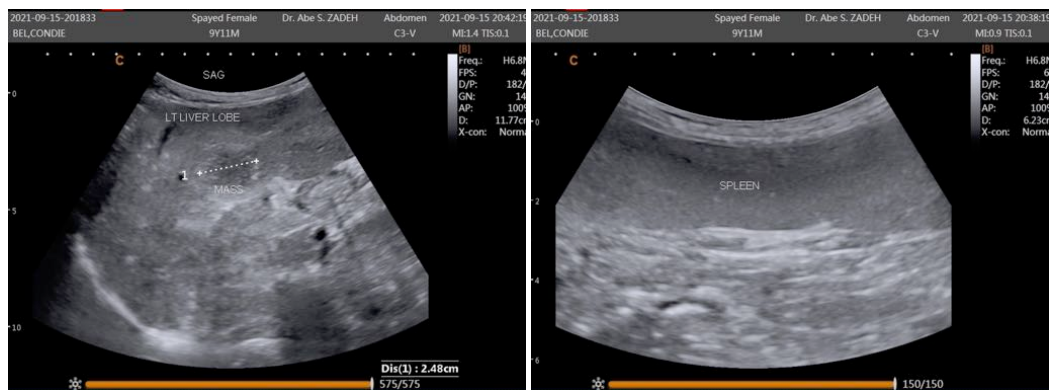
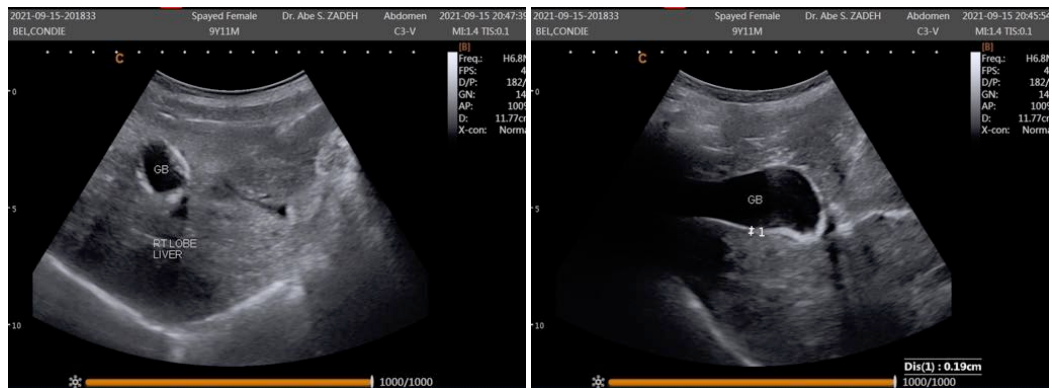
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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