



PATIENT

Summer Fisher

PRESENTING CLINICAL SIGNS

Hx of wt loss, off and on appetite. PE: painful cranial abdomen.
Abnormal PE/Chem/CBC/UA Results: elevated liver enzymes

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Jack Russell Terrier

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.

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 left kidney measured 4.0 cm.

AGE

10 Years 5 Months

Adrenal Glands

The **adrenal glands** were not visualized.

WEIGHT

13 Pounds

Spleen

The **spleen** was enlarged and irregular with scalloping contour. Hypoechoic coalescing nodular changes noted, which comprised a 6.0 cm parenchymal mass.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Liver

The **liver** presented multifocal disruptive target lesions throughout the liver in the midst of a hyperechoic surrounding parenchyma. The gallbladder presented a mild amount of debris and was deviated owing to adjacent expansive target nodules and masses. The largest nodule measured 3.0 cm. Deviation of the hepatic capsule noted owing to the expansive underlying pathology.

IMAGING PERFORMED BY

Dr. Raul Casas-Dolz

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.

HOSPITAL NAME

State Ave Vet Clinic

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.

REFERRING VET

Dr. Raul Casas-Dolz

Free Abdomen

Variable cranial abdominal lymph nodes also noted, enlarged and hypoechoic, measuring up to 1.0 cm.

INVOICE

42749

ULTRASONOGRAPHIC FINDINGS

DATE

11/16/22

- Splenohepatic neoplastic pattern – consistent with round cell neoplasia or similar.
- Variable enlarged lymph nodes



PATIENT

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- Age related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA spleen and liver should prove definitive. Immediate chemotherapeutic intervention necessary. Minor potential for fungal disease if fungal infections are endemic in your region.

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REFERRING VET

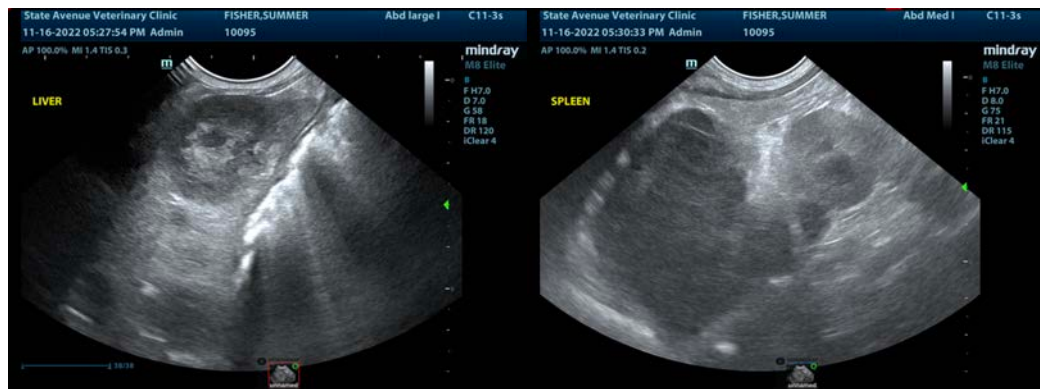
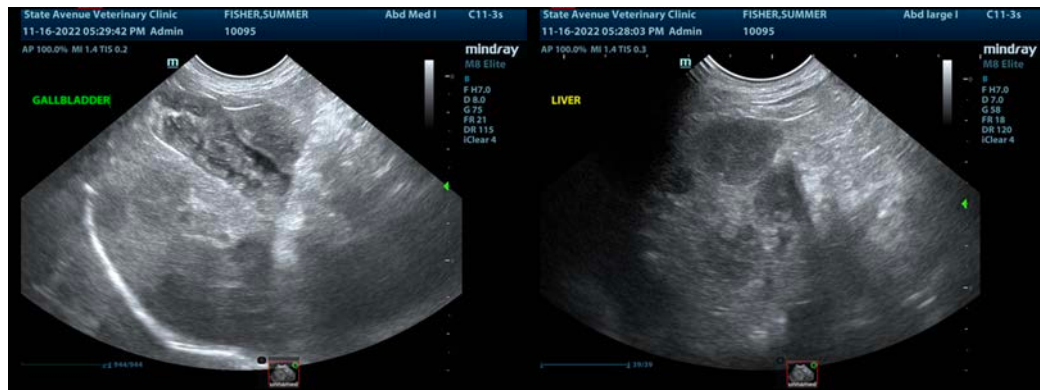
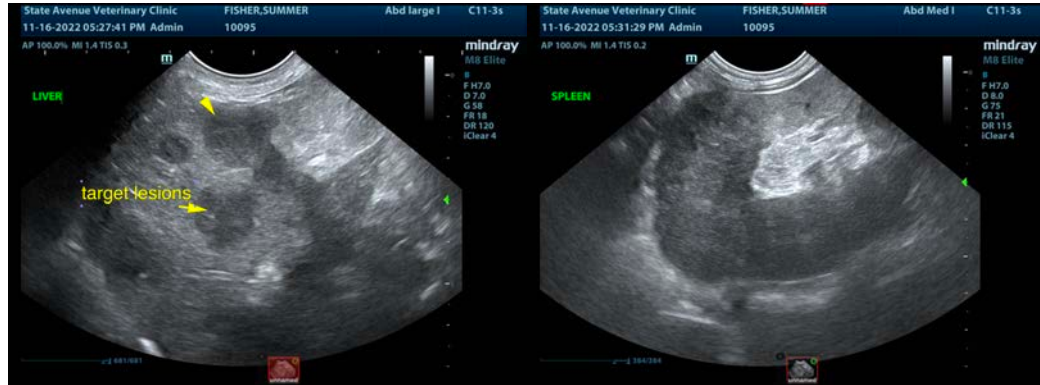
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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