



PATIENT

Aza Sager

PRESENTING CLINICAL SIGNS

Elevated liver enzymes.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Springer Spaniel

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

Spayed 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 right kidney measured 5.9 cm. The left kidney measured 5.87 cm.

AGE

13 years

WEIGHT

42.7 Pounds

Adrenal Glands

The right adrenal gland was uniform and measured 2.9 x 0.64 cm at the caudal pole and 0.56 cm at the cranial pole. A left adrenal mass was noted and measured 1.61 cm. The adrenal mass was deriving from the caudal pole. The cranial pole measured 0.67 cm and 2.85 cm in length.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

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 was noted.

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Mobile Vet
Ultrasound

Liver

Exam of the cranial abdomen demonstrated excessive **liver** size and swollen contour. Mild, coarse architecture was noted with increased portal markings and minor parenchymal remodeling is suggestive of an inflammatory component. Occasional nodular change was noted in the liver, yet was non-disruptive, yet FNA would be ideal to ensure that metastatic disease is not an issue. Excessive gallbladder debris and dependent sand was noted in the cystic duct.

REFERRING VET

Dr. Cortes

INVOICE

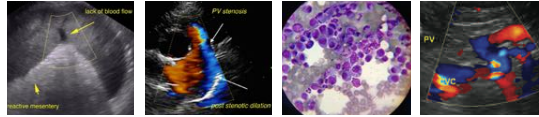
96978

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.

DATE

3/17/22



PATIENT

Pancreas

Aza Sager

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

Springer Spaniel

Left adrenal mass. Differentials include large adenoma, pheochromocytoma and adenocarcinoma.

Subjectively benign hepatopathy with excessive gallbladder debris.

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

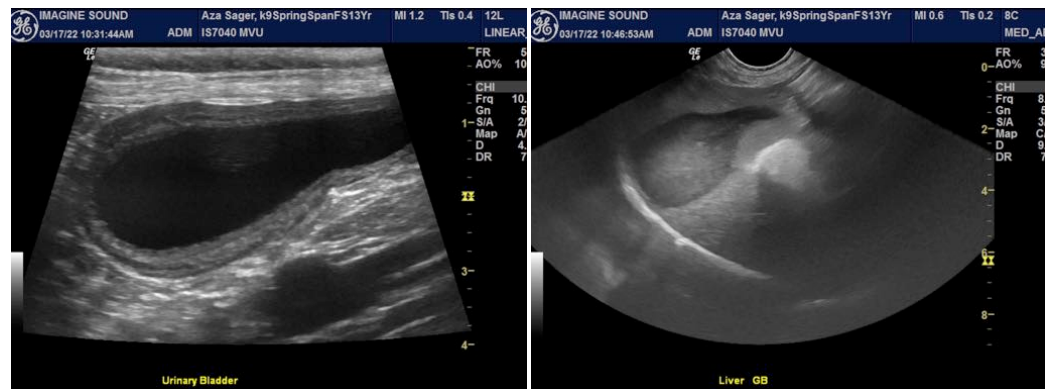
AGE

13 years

If the patient appears Cushingoid then work-up for adrenal dependent Cushing's is indicated. Left adrenalectomy is indicated with liver inspection, biopsy and gallbladder expression. Serial blood pressure measurements are warranted. If hypertension is present then urine catecholamine is indicated. Ursodiol therapy is warranted if the patient is to be managed medically.

WEIGHT

42.7 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

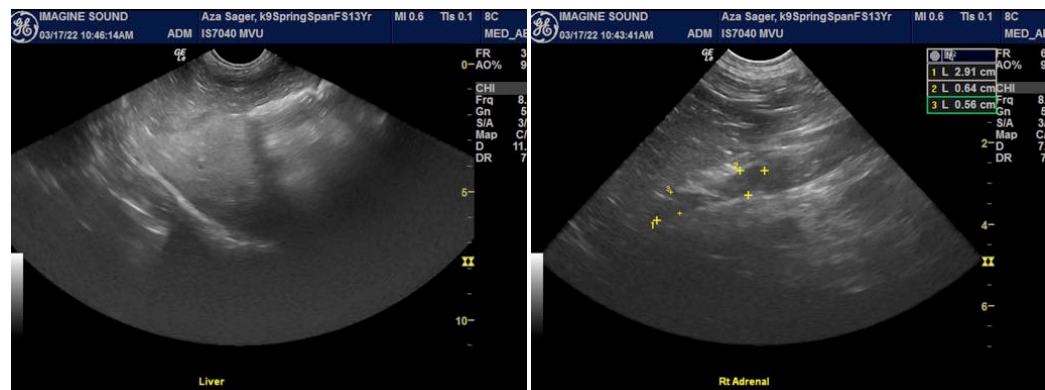
Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Mobile Vet
Ultrasound

REFERRING VET

Dr. Cortes

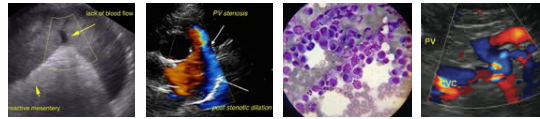


INVOICE

96978

DATE

3/17/22



PATIENT

Aza Sager

SPECIES

Canine

BREED

Springer Spaniel

SEX

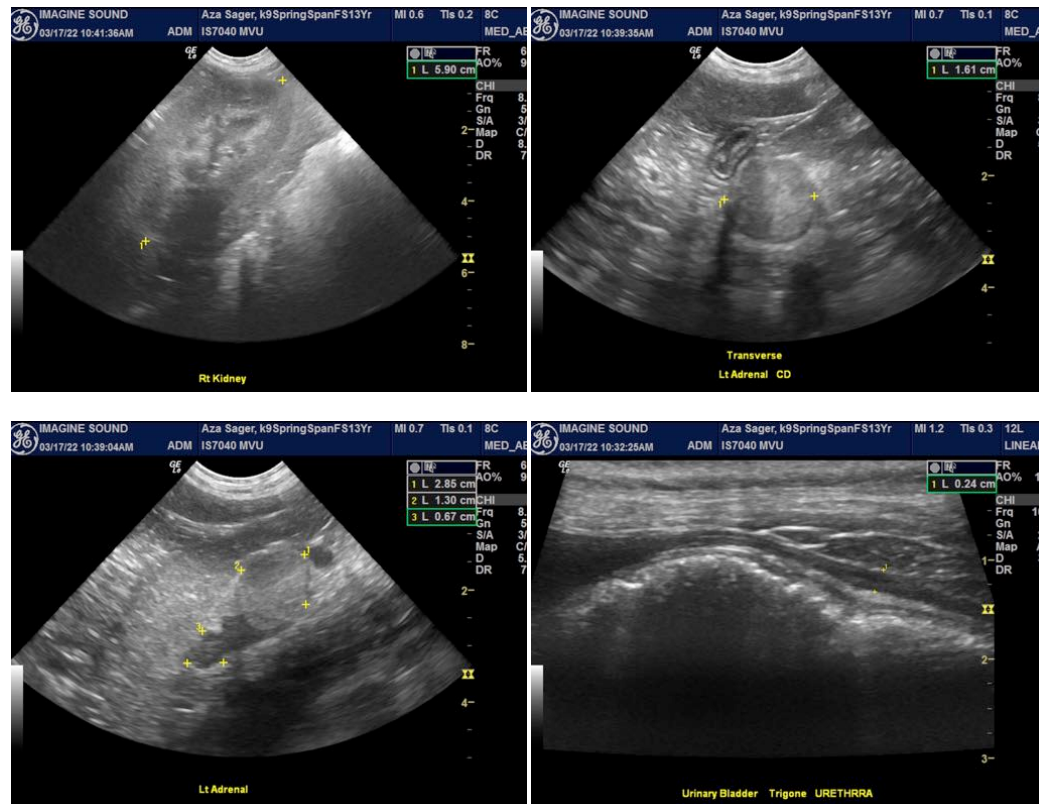
Spayed Female

AGE

13 years

WEIGHT

42.7 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Mobile Vet
Ultrasound

REFERRING VET

Dr. Cortes

INVOICE

96978

DATE

3/17/22

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
Eric.Lindquist@SonoPath.com