



PATIENT

Maggie Lagassie

PRESENTING CLINICAL SIGNS

Presented for mass removals, and LE elevation noted on pre-anesthetic. BW. Sedated with Butorphanol for the US, Dexdomitor for the liver FNA.
Abnormal PE/Chem/CBC/UA Results: BW: ALT 464, ALP 1,206, Glob 6.4.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

German Shorthair Pointer

Urinary System

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

AGE

10 years

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 6.11 cm. The left kidney measured 6.55 cm.

WEIGHT

58 lbs

Adrenal Glands

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 2.35 x 0.54 cm at the cranial pole and 0.55 cm at the caudal pole. The right adrenal gland measured 2.79 x 1.38 cm at the cranial pole and 0.64 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

Spleen

The **spleen** was uniformly enlarged with swollen contour. The splenic parenchyma was slightly heterogenous, yet there was no disruptive architecture present.

HOSPITAL NAME

Scanvet

Liver

The **liver** revealed coarse architecture with increased portal markings. Multi-focal, non-disruptive nodular changes were noted. Generalized hepatic enlargement was present. The gallbladder and common bile duct were unremarkable.

REFERRING VET

Dr. Kaltsas

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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

8/17/22



PATIENT

Pancreas

Maggie Lagassie

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

German Shorthair
Pointer

Pronounced, nodular hyperplasia hepatic remodeling pattern. History of inflammatory sediment is likely.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Bile acid profile is recommended or core biopsy. Core biopsy is more important if bile acid elevations are present. No overt suspicion of neoplasia. FNA should prove fruitful regarding eliminating the potential for underlying neoplasia. FNA was obtained without overt complication.

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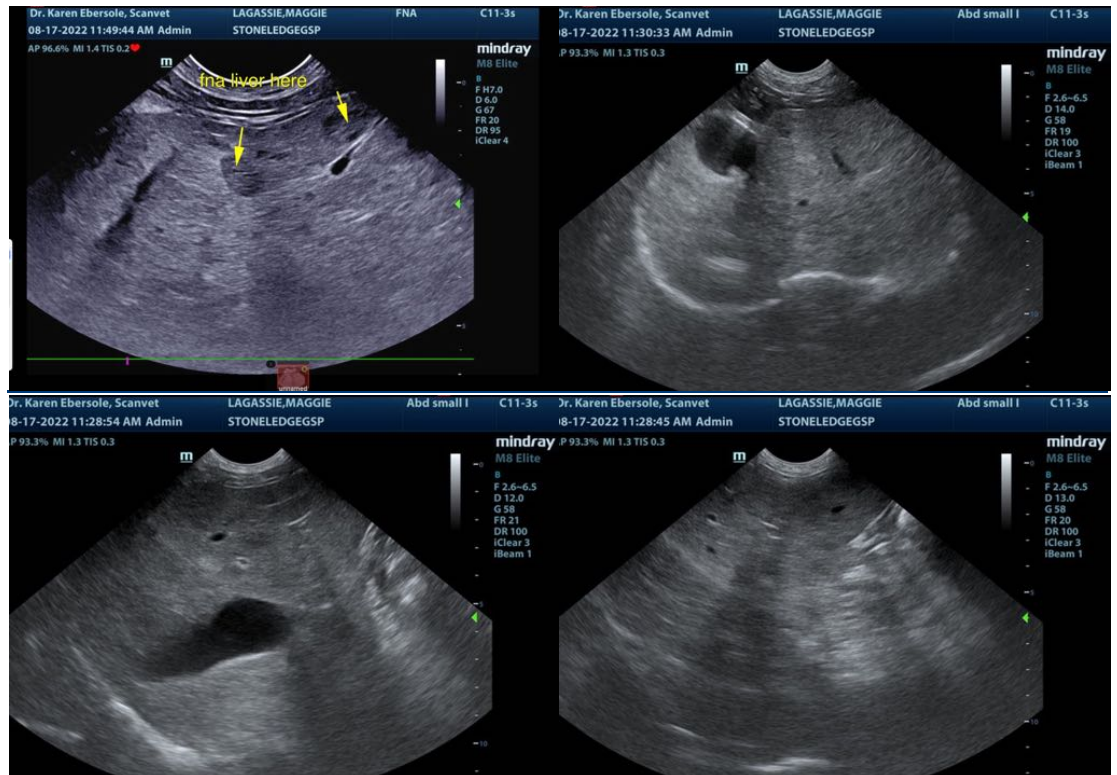
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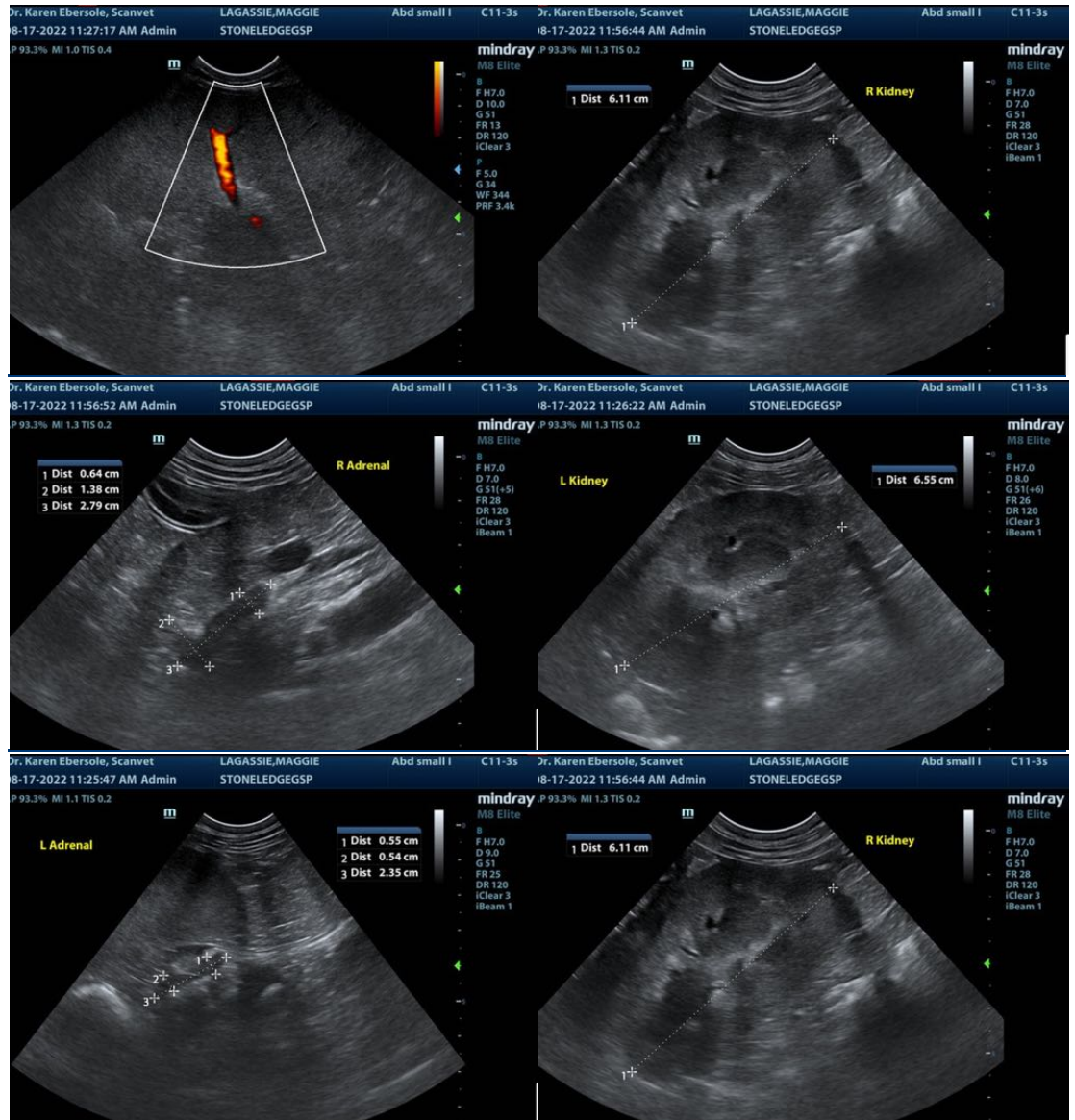
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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