



PATIENT PRESENTING CLINICAL SIGNS

Ellie Cobb History: presented for a dental cleaning. Her physical exam is within normal limits, other than her periodontal disease. Her pre-anesthetic bloodwork was normal, other than an ALP of 1327.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shih Tzu Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 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. Cortical mineralization was noted, yet not overtly pathological and possibly related to endocrinopathy. The left kidney measured 4.07 cm. The right kidney measured 4.3 cm.

AGE

10 years

WEIGHT

15.8 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 right adrenal gland measured 0.6 cm at the cranial pole and 0.4 cm at the caudal pole. The left adrenal gland measured 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Dorris

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.

HOSPITAL NAME

County Line VC

REFERRING VET

Dr. Dorris

Liver

The **liver** was diffusely hyperechoic to the falciform fat. The gallbladder and common bile duct was unremarkable.

INVOICE

44087

Gastrointestinal

DATE

5/1/23

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

Ellie Cobb

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

BREED

Shih Tzu Mix

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

Benign hepatopathy.

Renal mineralization.

AGE

10 years

Unremarkable abdomen.

WEIGHT

15.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of contraindication to anesthetic procedure.

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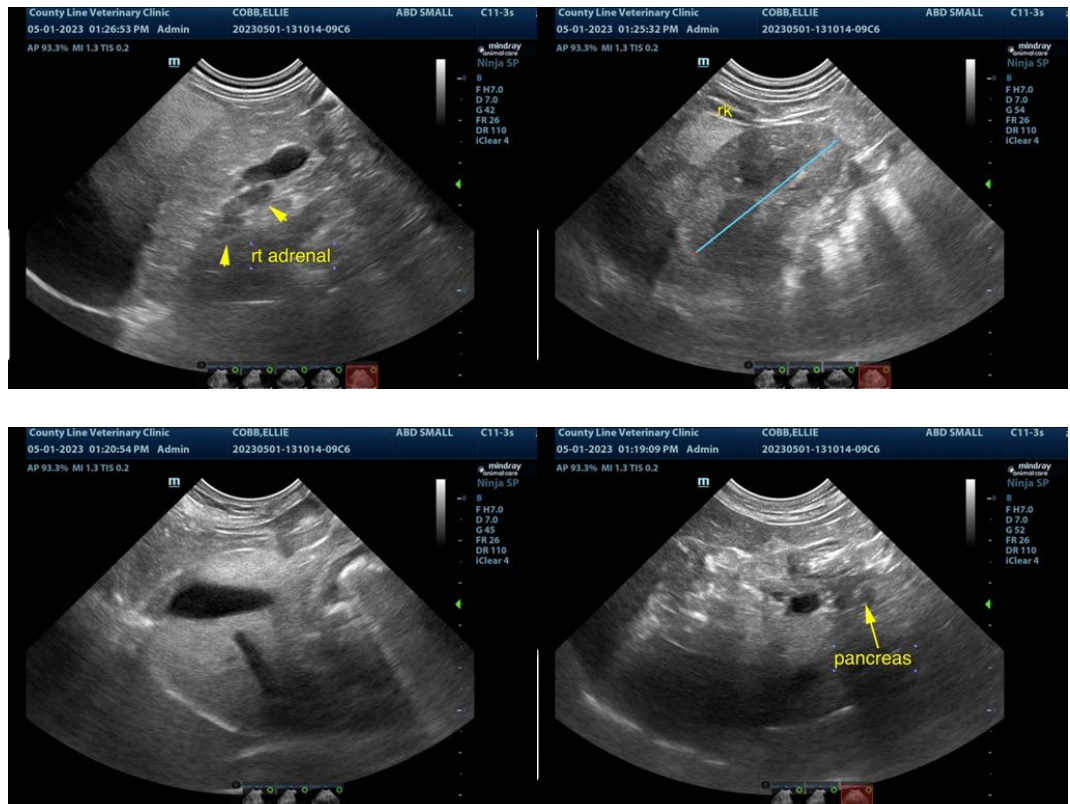
Dr. Dorris

INVOICE

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DATE

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PATIENT

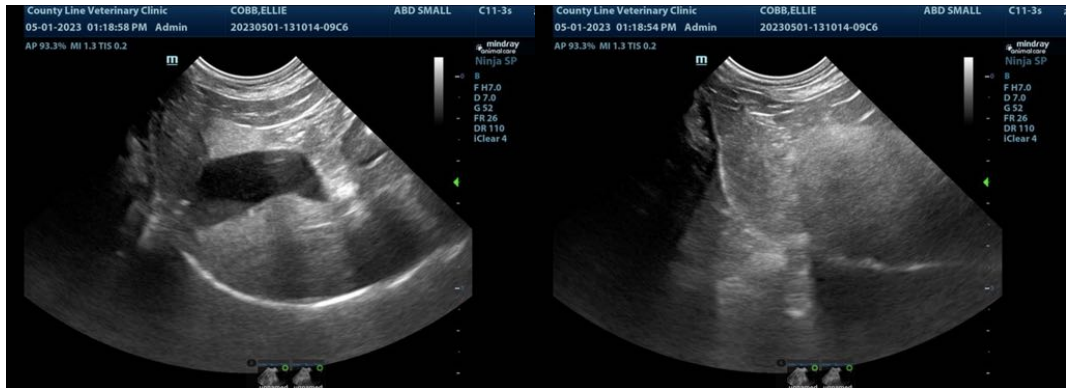
Ellie Cobb

SPECIES

Canine

BREED

Shih Tzu Mix



SEX

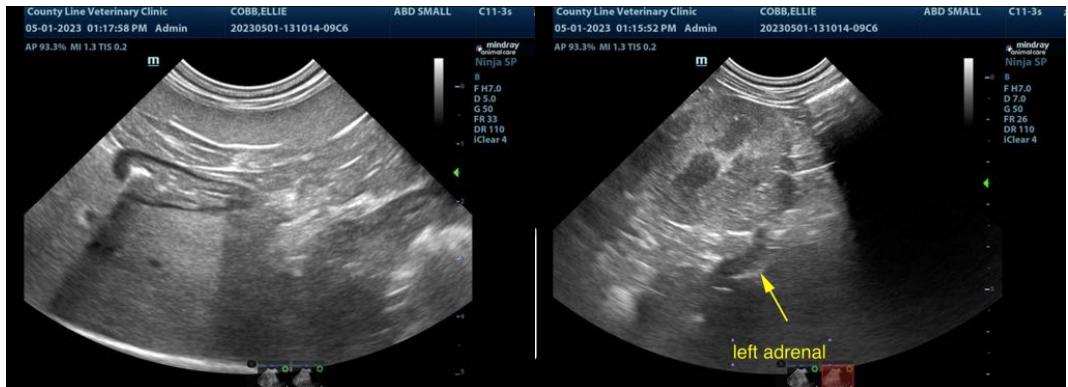
Spayed female

AGE

10 years

WEIGHT

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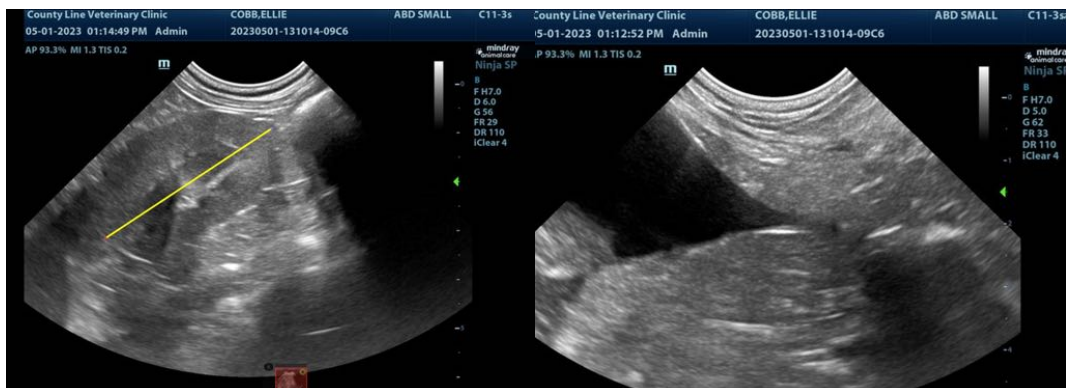
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PATIENT

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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.

SPECIES

Canine

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.

BREED

Shih Tzu Mix

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Spayed female

AGE

10 years

WEIGHT

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