



PATIENT	PRESENTING CLINICAL SIGNS
Bitsy Ulrey	bar dental calcul- presented for pre-op and had found abnormalities Primary Question/Differential to Be Answered in This Exam is this pet fit for anes for dental procedure.
SPECIES	Abnormal PE/Chem/CBC/UA Results: ecg-rt axis deviation, low voltage r wave cbc-hct 57, hgb-22.4, mchc-39.6, rbd-9.22 che-all wnl rads-mild cardiomegally small liver, enlarged spleen
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Chihuahua	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with sediment or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
FS	
AGE	The area of the aortic trifurcation was free of pathology.
5 years	
WEIGHT	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. Pinpoint areas of medullary mineral were noted in both kidneys. The left kidney measured 3.1 cm in length. The right kidney measured 3.2 cm in length.
4 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.1 cm length x 0.36 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.3 cm length x 0.41 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Jenna Walsh, CVT	The spleen was mildly enlarged with mild rounded cranial splenic contour. The spleen maintained a finely textured homogeneous parenchyma exhibiting overall normal parenchyma echogenicity and normal vascularity.
HOSPITAL NAME	Liver/ Gallbladder
Edgewood AC	The liver exhibited mild subnormal size with normal structure and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. Subjective normal hepatportal vascular volume was present. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
REFERRING VET	
Edgewood AC	
INVOICE	
13659	
DATE	
4/13/22	



PATIENT

Gastrointestinal

Bitsy Ulrey

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

BREED

Chihuahua

Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

FS

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

AGE

5 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

4 lbs.

ULTRASONOGRAPHIC FINDINGS

- Mild splenomegaly with rounded cranial capsule contour
- Mild subnormal liver
- Pinpoint renal medullary mineral

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mild splenomegaly, although nonspecific, was not overtly consistent with splenic pathology or neoplastic criteria with considerations including patient variant, incidental hematopoiesis, hyperplasia, or potential splenitis. Obvious evidence of a portosystemic vascular anomaly or other hepatic pathology was not overtly evident. No other clinical issues such as renomegaly or evidence of significant renal mineralization or cystic calculi were noted.

HOSPITAL NAME

Edgewood AC

If elevated liver enzymes, further assessment may include bile acids if clinically indicated. Hepatic functionality is likely normal assuming normal BUN, cholesterol, albumin, and glucose levels.

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Assuming normal clotting status, ultrasound-guided FNA of the spleen using a 25-gauge needle could be considered for screening cytology primarily to ensure only benign changes are present, yet no overt evidence of significant hepatosplenic pathology.

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SPECIES

Canine

BREED

Chihuahua

SEX

FS

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WEIGHT

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IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

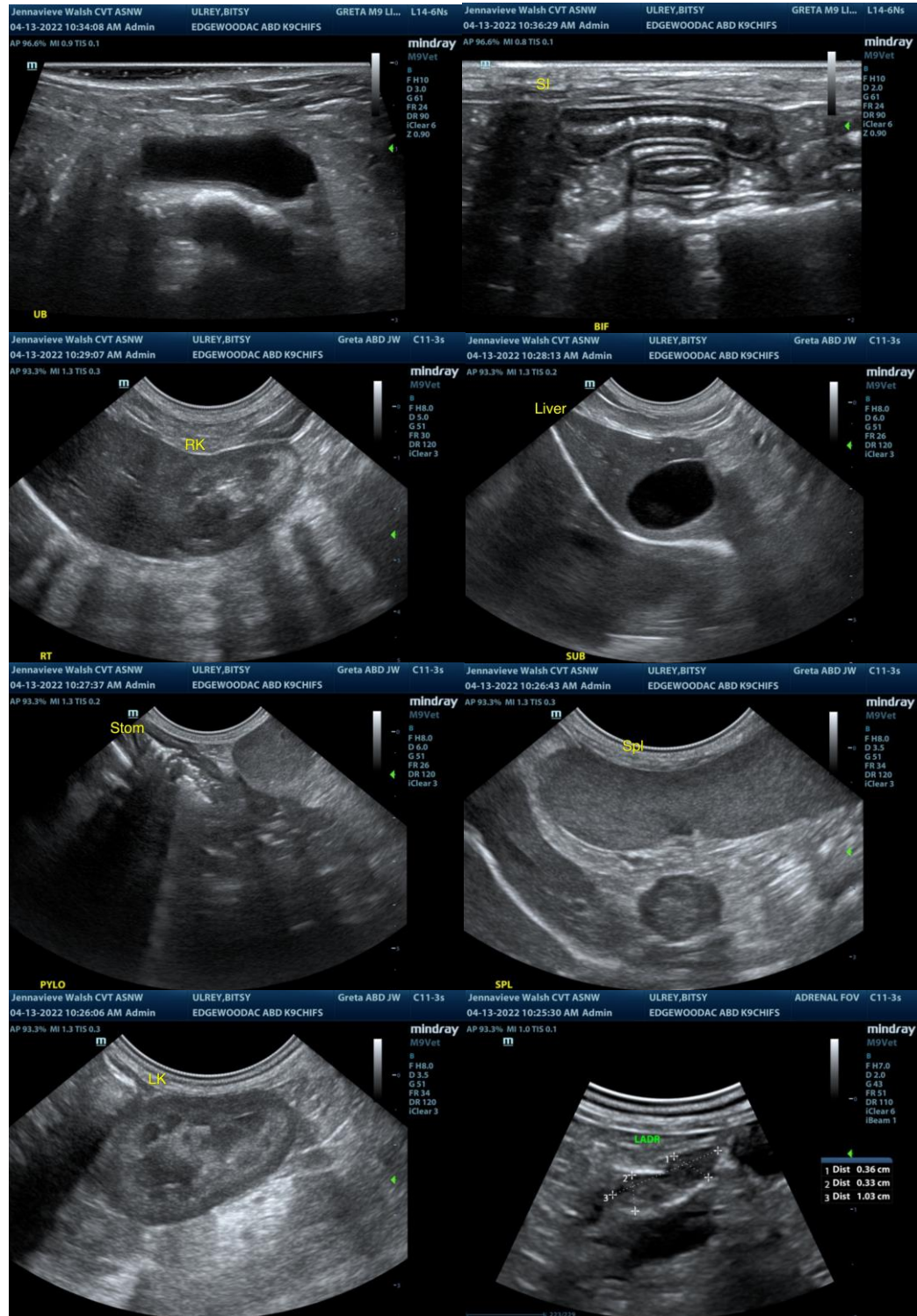
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PATIENT

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SPECIES

Canine

BREED

Chihuahua

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AGE

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WEIGHT

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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.

INTERPRETED BY

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(Canine and Feline)

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