



PATIENT	PRESENTING CLINICAL SIGNS
Jezabelle Talbot	Follow up to scan done in Aug Invoice number14494
SPECIES	Abnormal PE/Chem/CBC/UA Results: ACTH stim done in 2020 and normal then.
Canine	ULTRASONOGRAPHIC RECHECK EXAMINATION OF THE ABDOMEN
BREED	Urinary System
English Bulldog	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
SEX	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.9 cm in length. The right kidney measured 6.0 cm in length
FS	
AGE	The area of the aortic trifurcation was free of pathology.
11	Adrenal Glands
WEIGHT	The bilateral adrenal glands exhibited mild prominent size and asymmetrical capsule contour with non-homogeneous to discrete nodular parenchyma. No evidence of mineralization or overt vascular invasion. Previously noted indistinct mid to cranial left adrenal nodule measuring 1.4 cm x 1.1 cm was present.
20kg	
INTERPRETED BY	The left adrenal gland measured 0.92 cm width at the caudal pole and 3.1 cm length. The right adrenal gland measured 1.0 cm width at the caudal pole and 2.3 cm length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.
Dr. Belan	Liver
HOSPITAL NAME	The liver presented normal in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and mild non-dependent non-organized echogenic debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.
Legacy Vet Clinic	Gastrointestinal
REFERRING VET	
Dr. Flaig	
INVOICE	
12471ag	
DATE	
12/19/2022	



PATIENT

Jezabelle Talbot

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained minor nonshadowing echogenic ingesta/chyme and luminal gas 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.

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

BREED

English Bulldog

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, likely consistent with age related changes and considered incidental. No signs of active inflammation or neoplasia.

SEX

FS

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

AGE

11

ULTRASONOGRAPHIC FINDINGS

- Bilateral irregular to non-homogeneous/indistinctly nodular adrenomegaly-subjectively static
- Benign hepatopathy
- Mild gallbladder debris (non-mucocele)
- Sonographically unremarkable GI tract with minor gastric ingesta/chyme
- Static mild chronic renal changes

WEIGHT

20kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although some mild measurement variability is possible the overall adrenal glands appear to be sonographically similar to previous study without overt evidence of progressive enlargement or parenchymal changes. Previously mentioned adrenal etiologies are still applicable. A screening BP is advised to assess for evidence of hypertension which may allude to emerging adrenal neoplastic criteria i.e. pheochromocytoma. A full adrenal workup if clinical signs suggest Cushing's syndrome is recommended. Assuming normal clotting status and using a 25g needle, a FNA for screening cytology could be considered for further assessment.

INTERPRETED BY

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

Empirically, hepatosupportive medications such as Denamarin and Ursodiol, hydrolyzed diet trial with potential long term dietary therapy and high colony count probiotic (Provable or Visbiome), may prove beneficial.

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

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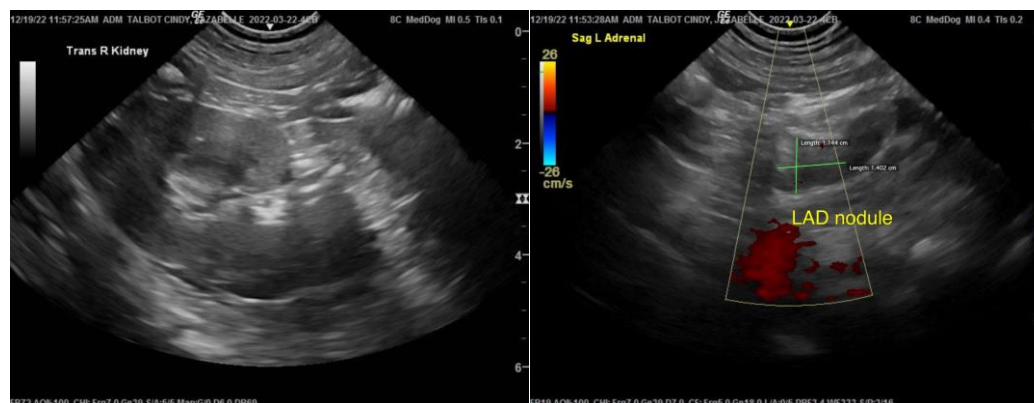
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SPECIES

Canine

BREED

English Bulldog

SEX

FS

AGE

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WEIGHT

20kg

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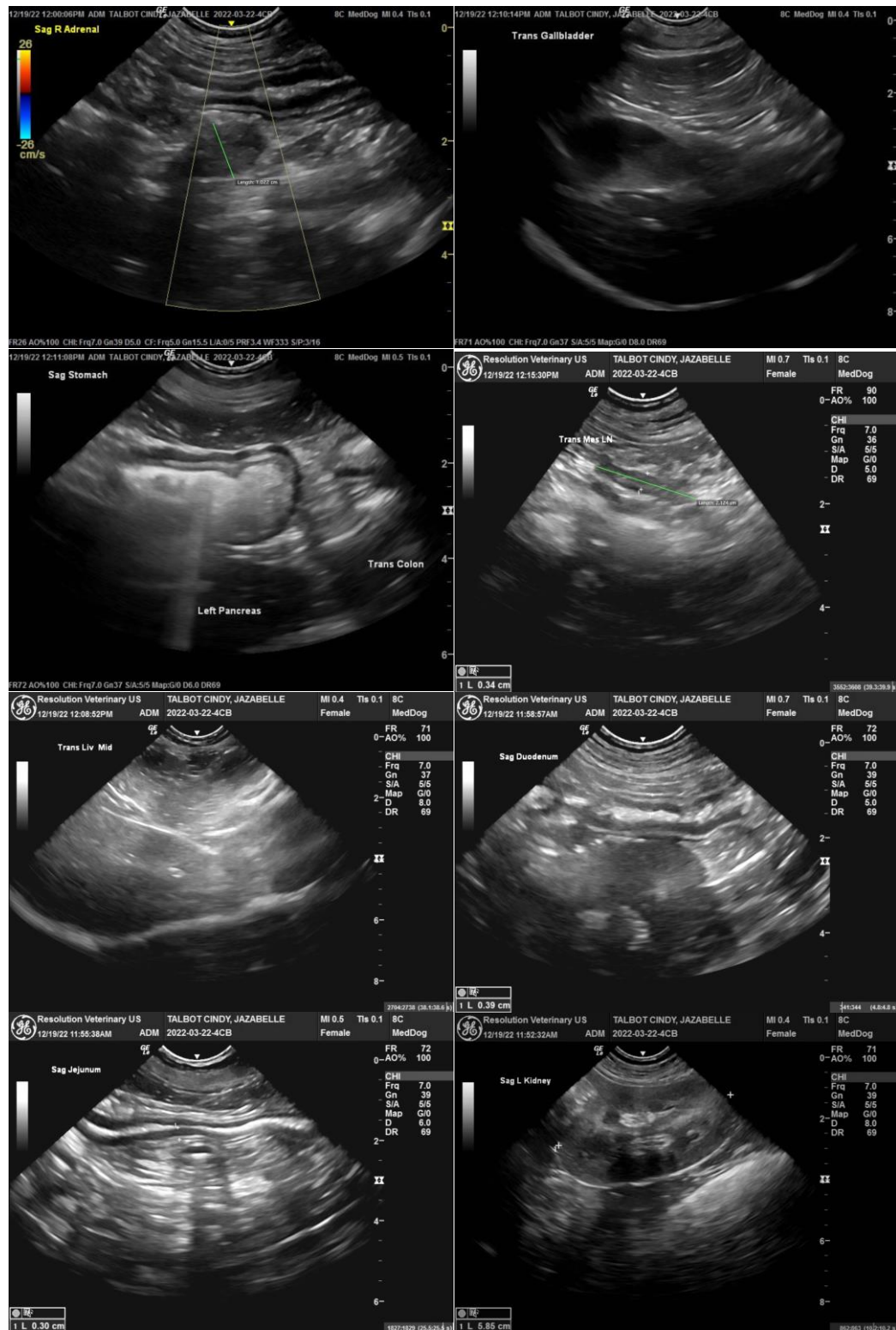
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Jezabelle Talbot

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.

SPECIES

Canine

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

mac.daniel@sonopath.com

BREED

English Bulldog

SEX

FS

AGE

11

WEIGHT

20kg

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