



PATIENT	PRESENTING CLINICAL SIGNS
Kira Aglubat	AlkP still significantly elevated. Quizzed about Cushings signs. Always hungry but otherwise excessive thirst or increased urination not noted at home. Discussed cholestasis as most likely diagnosis or Cushings without outward symptoms. Recommend ultrasound to assess liver structure, gall bladder and adrenal glands. O would like to move forward and schedule. JG
SPECIES	
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Husky	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 was noted.
Spayed Female	
AGE	The area of the aortic trifurcation was free of pathology.
9 years 11 months	
WEIGHT	Normal size and margination was 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 6.9 cm in length. The right kidney measured 6.6 cm in length.
67 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Both adrenal glands were indistinctly visualized without overt evidence of enlargement or pathology. The left adrenal gland subjectively measured 0.45 cm at the cranial pole and 0.61 cm at the caudal pole width. The right adrenal gland subjectively measured 0.86 cm at the cranial pole and 0.67 cm at the caudal pole.
IMAGING PERFORMED BY	Spleen
Dr. Preston	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
HOSPITAL NAME	Liver/ Gallbladder
All Creatures AH of South Hill, Inc.	The liver presented enlarged 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 mild echogenic, yet mildly congealed yet non-organized gallbladder debris. No evidence of peripheral gallbladder inflammation. The cystic duct and common bile ducts were normal without evidence of dilation.
REFERRING VET	Gastrointestinal
Dr. Gonzales	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate, hyperechoic with progressive distal acoustic shadowing ingesta without signs of
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PATIENT	obstruction or foreign material. The visualized gastric walls were sonographically unremarkable. The gastric body wall measured 0.55 cm.
Kira Aglubat	
SPECIES	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. The jejunum wall measured 0.38 cm.
Canine	
BREED	Normal visible colon wall layers were present with apparent formed feces in lumen.
Husky	
SEX	<i>Pancreas</i>
Spayed Female	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	<i>Free Abdomen</i>
9 years 11 months	No overt lymphadenopathy or peritoneal effusion was present.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
67 lbs.	<ul style="list-style-type: none"> • Vacuolar hepatopathy pattern • Mild gallbladder debris (non-mucocele) • Early to mild age-related kidneys
INTERPRETED BY	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Overall liver consistent with benign hepatopathy/hepatomegaly with primary consideration for vacuolar hepatopathy and/or non-clinical cholestasis given the ALP elevation and presence of gallbladder debris. Potential for inflammatory hepatobiliary disease also possible yet thought less likely. No overt evidence of hepatobiliary neoplastic criteria or post-hepatic obstruction.
IMAGING PERFORMED BY	Hepatosupportive medications including denamarin and ursodiol are recommended and may prove beneficial. Hepatic sampling may be considered for further clarification pending additional diagnostics and if increasing hepatic enzymes are noted.
Dr. Preston	
HOSPITAL NAME	REFERRING VET
All Creatures AH of South Hill, Inc.	Given the subjective normal presentation of the bilateral adrenal glands as well as lack of significant reported clinical signs, potential for underlying endocrinopathy is considered unlikely. Screening UCCR may be considered with LDDST if clinically indicated, correlation with full urinalysis suggested with screening test considered if urine specific gravity is <1.020.
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PATIENT

Kira Aglubat

SPECIES

Canine

BREED

Husky

SEX

Spayed Female

AGE

9 years 11 months

WEIGHT

67 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Preston

HOSPITAL NAME

All Creatures AH of
South Hill, Inc.

REFERRING VET

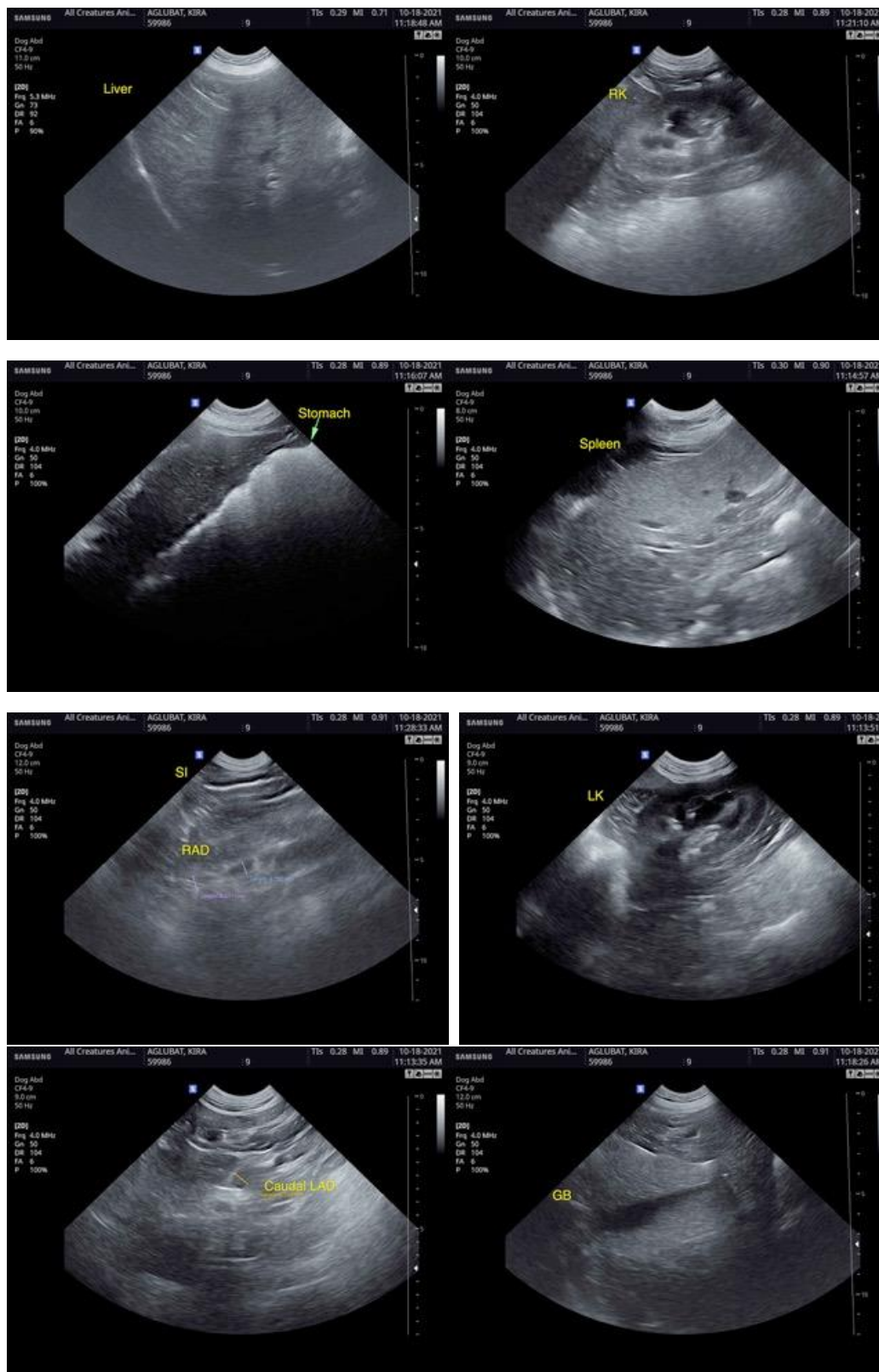
Dr. Gonzales

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PATIENT

Kira Aglubat

The information and recommendations provided are based on the images presented by the referring veterinarian. 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

Husky

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

Spayed Female

AGE

9 years 11 months

WEIGHT

67 lbs.

INTERPRETED BY

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DVM, DABVP
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**IMAGING
PERFORMED BY**

Dr. Preston

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