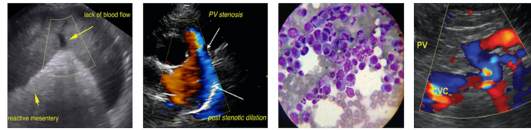


PATIENT	PRESENTING CLINICAL SIGNS
Hurricane Cepeda	History: 16# weight loss in 1 year, slow Alkp increase
	ALP 551
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited 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 were noted.
Pitbull	
SEX	The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 1.5 cm diameter.
Neutered Male	The area of the aortic trifurcation was free of pathology.
AGE	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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.0 cm. The right kidney measured 7.0 cm.
11 years	
WEIGHT	Adrenal Glands
69 Pounds	The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. No evidence of enlargement or neoplastic criteria. The left adrenal gland measured 0.85 cm at the cranial pole and 0.77 cm at the caudal pole. The right adrenal gland measured 1.2 cm at the cranial pole and 0.63 cm at the caudal pole.
INTERPRETED BY	Spleen
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	
Rebekah Jakum, CVT ARDMS/RVT	
HOSPITAL NAME	Liver
Stanglein Vc	The liver exhibited subjective normal to potential mildly enlarged 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. No hepatic masses or nodules noted. 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. The cystic and common bile ducts were normal.
REFERRING VET	
Dr. Hoffman	
INVOICE	Gastrointestinal
35435	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate retained ingesta with luminal gas. Subjective curvilinear shadowing echo present in the area of the gastric body, measuring approximately 2.0-2.5 cm in diameter. The visualized gastric walls were overtly normal, exhibiting intact wall layering and without evidence of mural hypertrophy. Ventral gastric body wall measured 0.48 cm.
DATE	
2.3.2022	



PATIENT

Hurricane Cepeda

The small intestine presented intact wall layering with primarily maintained 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained digesta/chyme along with segmental gas pattern. Duodenum wall measured 0.45 cm. Jejunum wall measured 0.37 cm. No overt evidence of loss of small intestinal wall layering, mechanical obstruction, or intestinal tumors.

SPECIES

Canine

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

Pancreas

BREED

Pitbull

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 was evident.

Free Abdomen

SEX

Neutered Male

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

AGE

11 years

- Moderate retained gastric ingesta with non-specific shadowing luminal echo
- Overtly normal small bowel with segmental digesta/chyme and mild to moderate gas pattern
- Mild age related kidneys
- Normal splenic size exhibiting mild parenchymal heterogeneity – subjectively benign.
- Hepatopathy – subjectively benign.

WEIGHT

69 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although non-specific, the liver is suggestive of vacuolar hepatic changes or potential mild non-clinical hepatic cholestasis given the ALP elevation. No overt evidence of hepatic neoplastic criteria. Likewise, the mild splenic parenchymal heterogeneity is suggestive of age related parenchymal changes, hematopoiesis, or similar.

INTERPRETED BY

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

Assuming normal clotting status, hepatosplenic FNA using 25-gauge needle could be considered for screening cytology given the patient's weight loss.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

The gastric ingesta and non-specific luminal echo may indicate recent meal ingesta. However, if documented NPO, some degree of delayed gastric emptying or stasis may be possible. Possibility of a gastric luminal foreign body cannot be definitively excluded. Monitoring for evidence of normal gastric emptying following documented fast, or for persistent presence of the luminal echo is recommended.

HOSPITAL NAME

Stanglein Vc

A GI panel to include PLI/TLI/Cobalamin/Folate as well as three view chest radiographs and neurological examination are recommended to assess for or rule out occult disease which may cause weight loss.

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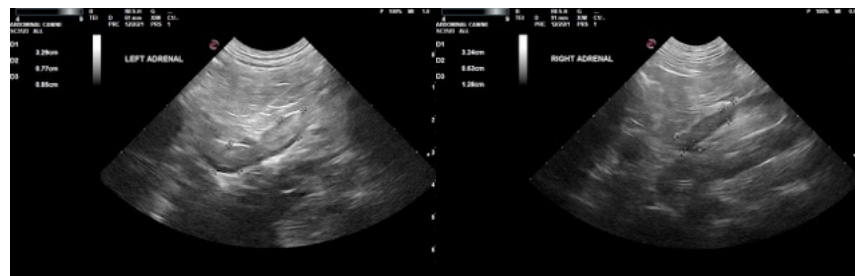
Dr. Hoffman

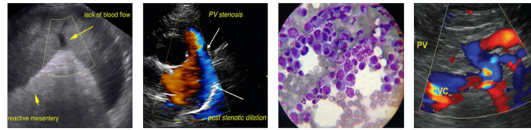
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PATIENT

Hurricane Cepeda

SPECIES

Canine

BREED

Pitbull

SEX

Neutered Male

AGE

11 years

WEIGHT

69 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein Vc

REFERRING VET

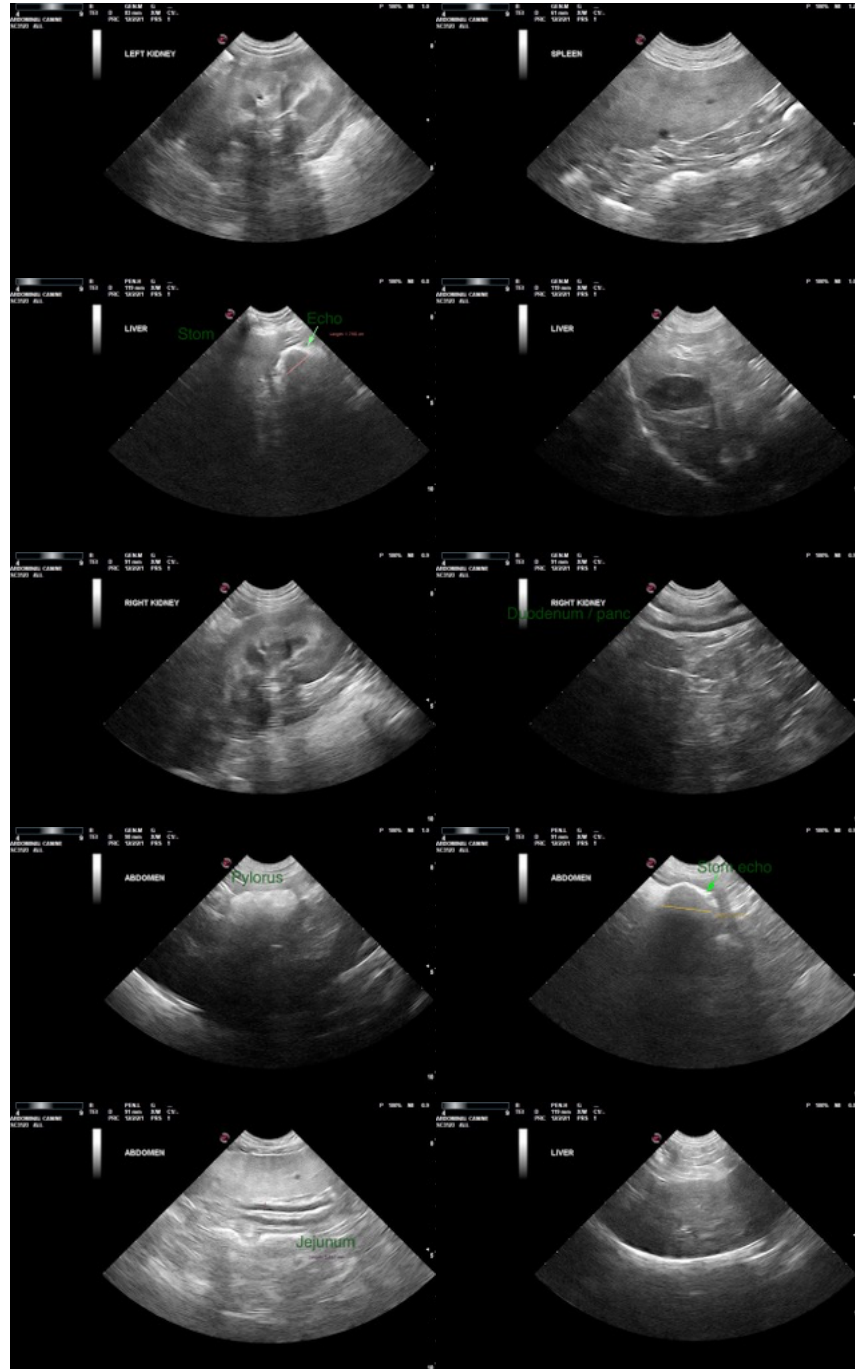
Dr. Hoffman

INVOICE

35435

DATE

2.3.2022



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.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com