



**PATIENT PRESENTING CLINICAL SIGNS**

**Karma Armellino**  
History: Reason for Visit: Vomiting History: Presented to CSAH yesterday for vomiting, still eating well. CBC/Chem, HCT 62.9, ALT 173 Normal Ab Rads other than bilateral DJD stifles Txd with SQ fluids, Ondansetron SQ, Famotidine SQ and sent home with Drontal, Omeprazole, and Cerenia and bland diet. Was recommended to have an abdominal ultrasound, dropped off today for us to do an Ab US, has never been here before. Has not vomited since leaving CSAH

**SPECIES**

Canine

**BREED**

Pit Bull

Abnormal PE/Chem/CBC/UA Results: Hydration: N Mentation: N EENT: N Oral Cavity: N Lymph Nodes: N Skin: N CV/Respiratory: N Abd/GI: Not painful, no palpable FB or mass. Rectal exam - normal brown stool Uro/Perineum: N Musculoskeletal: N Neurological: N

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX Urinary System**

Spayed female

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.

**AGE**

4 years 2 months

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. The left kidney measured 6.8 cm in length. The right kidney measured 6.2 cm in length.

**WEIGHT**

64 pounds

The area of the aortic trifurcation was free of pathology.

**INTERPRETED BY Adrenal Glands**

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

The left and right adrenal glands were indistinctly visualized yet without overt pathology. The left adrenal gland measured 0.63 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 0.58 cm width at the caudal pole.

**IMAGING PERFORMED BY Spleen**

Michaleen

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**

DPC Veterinary  
Hospital

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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.

**INVOICE Gastrointestinal**

10406ag

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained minor retained anechoic fluid with no signs of ileus, obstruction or foreign material. The gastric body wall measured 0.57 cm in width.

**DATE**

04/16/2022



**PATIENT**

Karma Armellino

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 0.31 cm in width.

**SPECIES**

Canine

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

**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 was evident.

**BREED**

Pit Bull

**Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

**SEX**

Spayed female

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

4 years 2 months

- Mild gastritis, potential hypomotile gastritis.
- Unremarkable small bowel.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of mechanical or metabolic GI ileus or foreign material. Empirical therapy for gastritis which may include current gastric protectants, canned hydrolyzed diet trial over the next 3-4 weeks with assessment of clinical response should prove beneficial. Sonographic reassessment of the stomach +/- a resting cortisol level to rule out occult Addison's disease could be considered if persistent/progressive vomiting continues.

**WEIGHT**

64 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**  
Michaleen

**HOSPITAL NAME**

DPC Veterinary  
Hospital

**REFERRING VET**

Dr. Feldt

**INVOICE**

10406ag

**DATE**

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**PATIENT**

Karma Armellino

**SPECIES**

Canine

**BREED**

Pit Bull

**SEX**

Spayed female

**AGE**

4 years 2 months

**WEIGHT**

64 pounds

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DVM, DABVP  
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**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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**REFERRING VET**

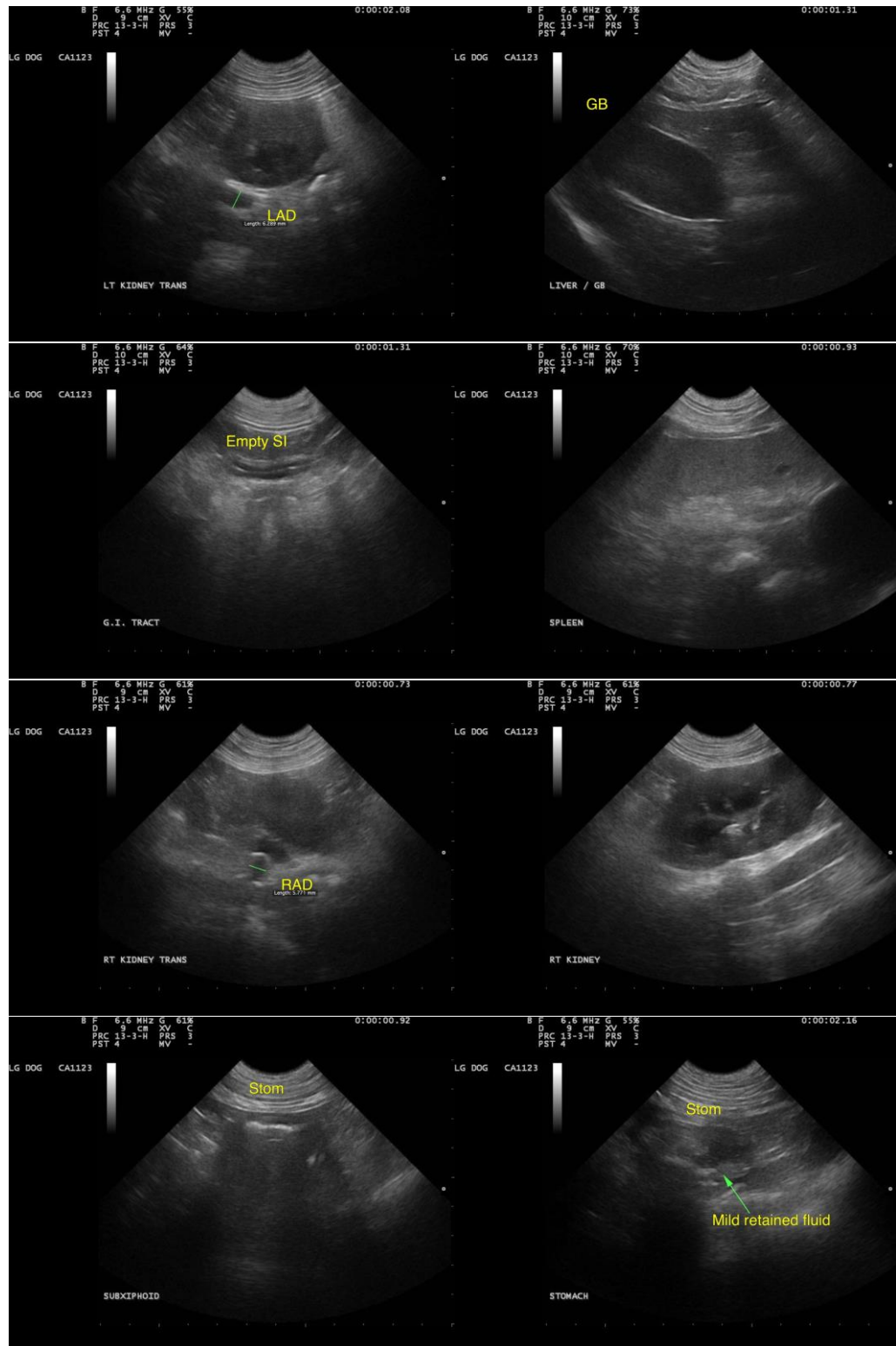
Dr. Feldt

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## PATIENT

Karma Armellino

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

Pit Bull

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

info@SonoPath.com

## SEX

Spayed female

## AGE

4 years 2 months

## WEIGHT

64 pounds

## INTERPRETED BY

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DVM, DABVP  
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## IMAGING PERFORMED BY

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Dr. Feldt

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## DATE

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