



PATIENT	PRESENTING CLINICAL SIGNS
Mac Kerames	p presented for evaluation as a transfer from rDVM for abdominal mass +/- effusion ***The submitted study contained 38 still images for review.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.
Golden Retriever	
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 7.6 cm in length. The right kidney measured 8.0 cm in length.
M	
AGE	Adrenal Glands
11yr	The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.
WEIGHT	Spleen
71.2lb	The spleen exhibited normal size and contour with subtle parenchyma heterogeneity. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. No visualized masses/nodules.
INTERPRETED BY	Liver/Gallbladder
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The liver presented overtly 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 moderate non-organized hyperechoic debris. The common bile ducts was not definitively visualized. No overt evidence of post hepatic obstruction.
IMAGING PERFORMED BY	Gastrointestinal
Diane Johnson	The visualized stomach presented intact wall layering with possible mild hyperechoic ingesta in the gastric lumen.
HOSPITAL NAME	Free Abdomen
Animal Emergency Hospital Deland	The small intestine segmental visualized presented intact wall layering with 1:3 muscularis/mucosa ratio and no overt signs of ileus, obstruction or foreign material.
REFERRING VET	Pancreas
Diane Johnson	The pancreas was not visualized.
INVOICE	
13058ag	
DATE	
02/22/2023	



PATIENT

Mac Kerames

The visualized free abdomen revealed no obvious or visualized evidence of intra-abdominal omental masses, overt lymphadenopathy or peritoneal effusion.

ULTRASONOGRAPHIC FINDINGS

SPECIES

Canine

- Mild age related renal changes
- Subjective mild hepatic parenchyma remodeling
- Gallbladder debris (non-mucocele)
- Overtly normal spleen

BREED

Golden Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No definitive or visualized evidence of intra-abdominal masses or peritoneal effusion was present. However given the limited abdominal study, the possibility of non-visualized pathology or mild volume peritoneal effusion cannot be definitively excluded. Ideally sonographic reassessment with a complete abdominal study including primarily multiple cine loops is recommended for further assessment.

SEX

M

AGE

11yr

WEIGHT

71.2lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane Johnson

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

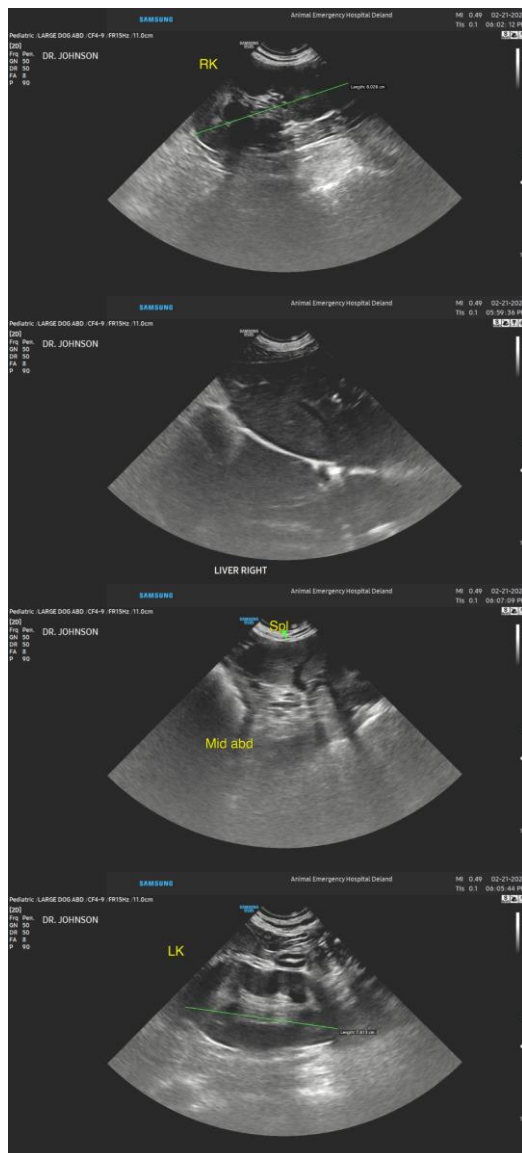
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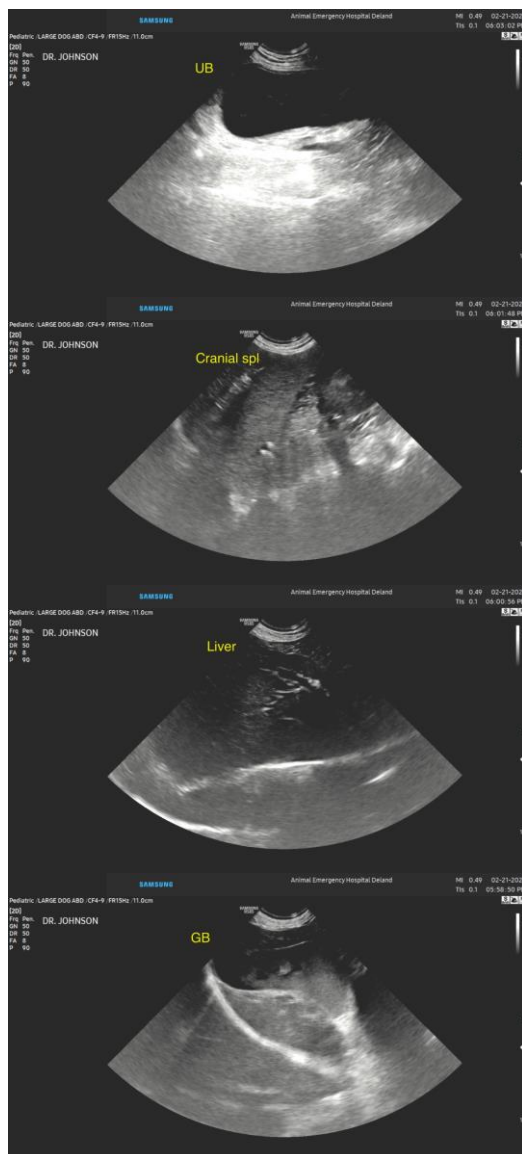
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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