

PATIENT	PRESENTING CLINICAL SIGNS
Ollie Chamberlain	Urinary incontinence, persistent liver enzyme elevation.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Will have available: ALT 213, ALP1637
Canine	Current Medications SAME, Proin Radiographic Findings None
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Boxer X	Urinary System
SEX	The urinary bladder presented uniformly mild thickened urinary bladder wall isoechoic to the adjacent normal urinary bladder wall. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. The ventroapical urinary bladder wall thickness measured 0.7 cm. Mineralization or echogenic foci within the thickened areas of urinary bladder wall was not present. The urinary bladder, trigone, and cystourethral junction exhibited normal tone. Anechoic urine was present in the lumen with no uroliths, sediment, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No urinary bladder tumors were present.
M/N	
AGE	
13 years	
WEIGHT	The area of the residual prostate was free of overt pathology.
60 lbs.	The area of the aortic trifurcation was free of pathology.
INTERPRETED BY	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 minor 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 in length. The right kidney measured 6.5 cm in length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Adrenal Glands
IMAGING PERFORMED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.62 cm width at the caudal pole and 0.79 cm width at the cranial pole. The right adrenal gland was not definitively visualized secondary to the patient's size / conformation and overlaying intestinal gas.
Sara Hansen	Spleen
HOSPITAL NAME	The spleen exhibited subjective mild subnormal size, possibly consistent with volume contraction vs. patient variant. The spleen presented a subjective maintained finely textured homogeneous parenchyma and normal capsule symmetry. No evidence of splenic masses or neoplastic criteria was noted.
Cottage Grove VH	Liver/ Gallbladder
REFERRING VET	The liver revealed a moderately sized, primarily spherical, homogeneous, solid mass in the subjective caudal aspect of the mid-liver extending into the area of the gastric axis measuring 10.0-12.0 cm in
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PATIENT	diameter. The mass exhibited similar echogenicity compared to adjacent hepatic parenchyma. No evidence of perihepatic reactive or inflamed mesentery was noted. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The gallbladder exhibited potential mild displacement dorsally secondary to the liver mass. The common bile duct was normal. No evidence of post hepatic obstructive criteria was noted.
Ollie Chamberlain	
SPECIES	
Canine	Gastrointestinal
BREED	The stomach presented intact normal wall layering with possible secondary gastric displacement dorsally.
Boxer X	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.
SEX	Normal visible colon wall layers were present with apparent formed feces in lumen.
M/N	
AGE	Pancreas
13 years	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.
WEIGHT	Free Abdomen
60 lbs.	No evidence of perihepatic or peritoneal free fluid was noted.
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<ul style="list-style-type: none">• Mild cystitis pattern• Age-related kidneys• Nonspecific liver mass - benign vs. neoplastic etiologies possible• Sonographically unremarkable possibly mildly displaced gallbladder
IMAGING PERFORMED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Sara Hansen	Assuming normal clotting status, FNA cytology of the liver mass could be considered for further clarification. Subjectively, the hepatic mass appears to be amendable to complete surgical resection. No overt evidence of intraabdominal metastasis was noted. Three-view chest radiographs are recommended. Empirically, continued hepatosupportive medications would be appropriate.
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Ollie Chamberlain

SPECIES

Canine

BREED

Boxer X

SEX

M/N

AGE

13 years

WEIGHT

60 lbs.

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(Canine and Feline)

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HOSPITAL NAME

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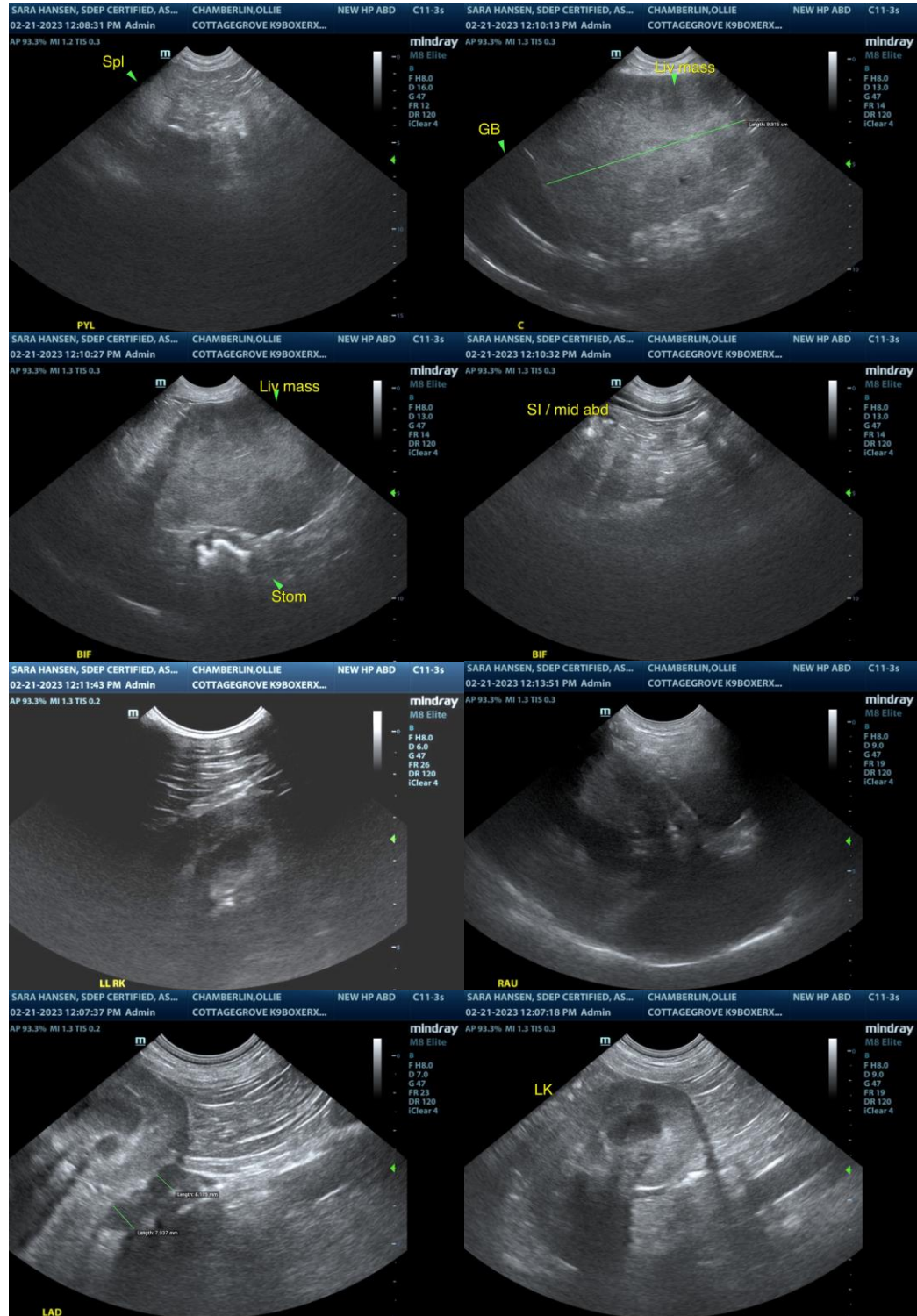
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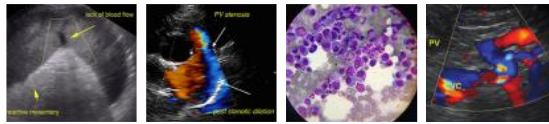
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
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