



PATIENT PRESENTING CLINICAL SIGNS

Lola Lynde Pt has had increasing liver enzymes over the past 6 months

SPECIES ALP elevated at 218 on 2/7/23
ALP elevated at 337 on 8/2/23
Canine ALT now elevated at 154 on 8/2/23 which was normal in feb

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Lab *Urinary System*

SEX The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.
Female, spayed

AGE The left kidney is normal size (7.58 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.
2/12/2023

WEIGHT The right kidney is normal size (7.65 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.
96.2 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (Small
Animal Internal
Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.64 cm at cranial pole) (0.71 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

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The right adrenal gland is normal size (1.28 cm at cranial pole) (0.79 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Spleen

Flowertown AH

The spleen is normal in size (2.02 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

REFERRING VET

Dr. Hawk

Liver

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The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen and slightly mottled in appearance. No distinct focal lesions are observed. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

DATE
8/9/23

Gastrointestinal



PATIENT	The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. No obstructive disease is noted.
Lola Lynde	
SPECIES	
Canine	
	<i>Pancreas</i>
BREED	
Lab	The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.
SEX	<i>Free Abdomen</i>
Female, spayed	The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.
AGE	
2/12/2023	<i>Other</i>
	A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.
WEIGHT	
96.2 lbs.	

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely.

Secondary Findings:

- Mild bilateral chronic renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Serial monitoring (i.e., every 3-4 months) of the patient's liver values is recommended. If liver values continue to increase, a repeat abdominal ultrasound +/- hepatic tissue sampling may be warranted.



PATIENT

Lola Lynde

SPECIES

Canine

BREED

Lab

SEX

Female, spayed

AGE

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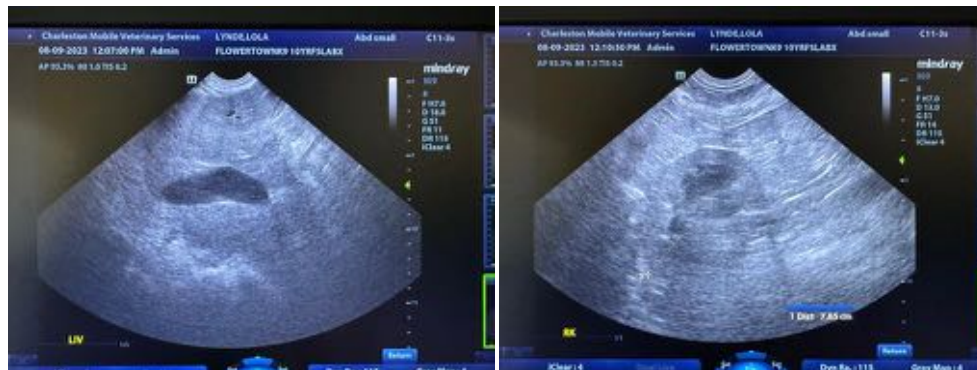
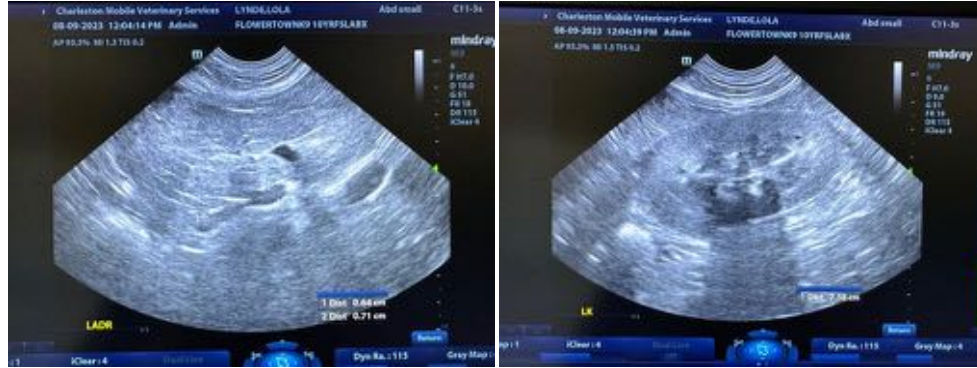
Dr. Hawk

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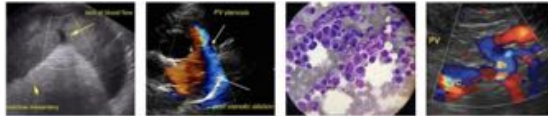
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DATE

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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



PATIENT in the image/video clips provided.

Lola Lynde 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.

SPECIES

Canine Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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BREED

Lab

SEX

Female, spayed

AGE

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