



PATIENT	PRESENTING CLINICAL SIGNS
Luna Hoelscher	History: Recently adopted and initially showed diarrhea and inappetence. Blood work showed renal and liver changes and initially anemia which has subsequently improved. Currently doing well with normal appetite. On renal diet.
SPECIES	
Canine	Physical Examination: N/A.
BREED	Urinalysis: N/A.
Chihuahua Mix	CBC: Eosinophilia.
SEX	Serum Biochemistry: Elevated SDMA, phosphate, and ALT and GGT activity.
FS	Radiographic Findings: N/A.
AGE	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
15 years	Urinary System
WEIGHT	Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
7.2 #	Normal trigone area, proximal urethra, and iliac blood vessels.
INTERPRETED BY	Normal iliac lymph nodes. Ureters not visualized.
Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM	Normal renal size (right 3.7), with increased echogenic appearance, loss of cortico-medullary differentiation, irregular capsule and normal pelvis.
IMAGING PERFORMED BY	Adrenal Glands
Dr Jo Goodman	Poorly visualized but appear to be of normal size, shape, position, and echogenic appearance.
HOSPITAL NAME	Spleen
Evendale Blue Ash Pet Hospital	Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.
REFERRING VET	Liver
Dr Jo Goodman	Normal size with a mottled and coarse echogenic appearance and prominent portal markings. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.
INVOICE	Gastrointestinal
302586	Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no lumen distension.
DATE	Pancreas
10/5/21	Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.



PATIENT *Free Abdomen*

Luna Hoelscher No mesenteric lymphadenomegaly.
No ascites.

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

15 years

WEIGHT

7.2 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Chronic kidney disease.
- Hepatopathy.

Secondary Findings:

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys is typical for chronic kidney disease.

Etiologies for the hepatopathy would be age-related changes, vacuolar, reactive, early nodular regeneration, early cirrhosis, chronic hepatitis; with infiltrative neoplasia an unlikely differential diagnosis.

Further assessment would be blood pressure, fecal analysis, urinalysis, UPC, and FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the hepatopathy would be ursodiol.

IMAGING PERFORMED BY

Dr Jo Goodman

HOSPITAL NAME

Evendale Blue Ash Pet
Hospital

REFERRING VET

Dr Jo Goodman

INVOICE

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PATIENT IMAGES

Luna Hoelscher **Kidney**

SPECIES

Canine

BREED

Chihuahua Mix

SEX

FS

AGE

15 years

WEIGHT

7.2 #



Liver



INTERPRETED BY

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Dr Jo Goodman

HOSPITAL NAME

Evendale Blue Ash Pet Hospital

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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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
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