


PATIENT PRESENTING CLINICAL SIGNS

Nyda Fellows History: Elevated liver enzyme activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Elevated ALT and ALP activity.

Pointer Mix Radiographic Findings: N/A.

SEX

FS

Age

11 years

WEIGHT

55 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

Full urinary bladder with a normal thickness appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

Normal iliac lymph nodes (1.7 cm). Ureters not visualized.

Normal renal size (left 6.7 cm, right 6.5 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.59/0.5 cm, right 0.64 cm.

HOSPITAL NAME

Palm Coast Pet Clinic

Spleen

Normal size (2.8 cm) with a hypoechoic appearance. Smooth homogenous parenchyma, normal vasculature, and regular curvilinear capsule. Focal hypoechoic parenchymal nodule (1 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Dr Sheffield

Liver
INVOICE

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Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechoic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

DATE

2/22/23



PATIENT

Gastrointestinal

Nyda Fellows

Normal appearance of the stomach, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.42 cm, jejunum 0.42 cm, colon 0.29 cm) and peristaltic activity, and no distension of the lumen. Thickening of the duodenum (0.61 cm) with no loss of layering or distension of the lumen.

SPECIES

Canine

Pancreas

BREED

Pointer Mix

Enlarged (left 2.5 cm, right 1.9 cm) with a hyperechogenic and irregular appearance. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

FS

Normal mesenteric lymph nodes (2.4 cm).
No ascites.

Age

11 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

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Primary Findings:

- Pancreatitis.
- Splenic nodule.
- Duodenal thickening.

Secondary Findings:

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Sonya Myers, DVM

Etiologies for the pancreas would be chronic pancreatitis and fibrosis.

HOSPITAL NAME

Palm Coast Pet Clinic

Etiology for the splenic nodule would be focal hyperplasia, hematoma, granuloma, abscess, and neoplasia.

REFERRING VET

Dr Sheffield

Etiologies for the duodenum would be non-specific (dietary indiscretion, toxins), parasitic enteritis, inflammatory bowel disease, and dietary hypersensitivity, with neoplasia a less likely differential diagnosis.

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Although the liver appears ultrasonographically normal, hepatopathy still needs to be considered.

Further assessment would be fecal analysis, cPL/PSL assay, FNA cytology of the liver and splenic nodule, and possibly endoscopy of the upper GI tract with biopsies.

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Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Nyda Fellows

SPECIES

Canine

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Pointer Mix

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IMAGING PERFORMED BY

Sonya Myers, DVM

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REFERRING VET

Dr Sheffield

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DATE

2/22/23

IMAGES

Pancreas



Spleen



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.

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