


PATIENT PRESENTING CLINICAL SIGNS

Beanie Tremblay History: Weakness/unable to stand. On prednisone for SLE. Previous history of arthritis.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Greyhound Mix Radiographic Findings: Suspected bicavitary effusion

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN *Urinary System*

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

10 years Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

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

66 # Normal size (left 7 cm, right 7.1 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY *Reproductive System*

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Small hypoechoic prostate (0.7 cm).

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.55/0.48 cm, right 0.5/0.65 cm.

Spleen

Normal size (2.4 cm) with a mottled echogenic appearance and irregular capsule. Smooth homogenous parenchyma and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident. Incidental myelolipoma.

Liver

Enlarged with rounded edges, hyperechogenic appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident.

Gall bladder

Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

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Dr Hecker

Lake Emma Animal Hospital

Sonya Myers, DVM

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PATIENT
Gastrointestinal

Beanie Tremblay

Normal appearance of the duodenum, small intestine, ileocecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.47 cm, jejunum 0.35 cm, colon 0.2 cm) and peristalsis, and no distension of the lumen. Thickening of the gastric wall (0.85 cm) with no loss of layering. Fluid-filled section of small intestine with a normal appearance of the wall, no evidence of obstruction, and hyperechogenic appearance of the surrounding mesentery.

SPECIES

Canine

BREED
Pancreas

Greyhound Mix

Normal size (left 0.8 cm, right 1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX
Free Abdomen

MN

Normal mesenteric lymph nodes (1.9 cm).

Age

Small amount of ascites present.

10 years

ULTRASONOGRAPHIC FINDINGS
WEIGHT

Primary Findings:

66 #

- Hepatopathy.
- Splenic pathology.
- Gastroenteropathy.
- Ascites.
- Mesenteric inflammation

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Secondary Findings:

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Lake Emma Animal Hospital

Etiologies for the hepatopathy would be secondary to the prednisolone therapy, reactive, hyperplasia, vacuolar, hepatitis, and infiltrative neoplasia.

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Etiologies for the spleen would be reactive, hyperplasia, splenitis, and infiltrative neoplasia.

Dr Hecker

Etiologies for the gastroenteropathy would be non-specific (dietary indiscretion, toxins, viral), *Helicobacter* gastritis, parasitic, ulcerative disease, inflammatory bowel disease, dietary hypersensitivity, and emerging neoplasia.

INVOICE

The ascites and mesenteric inflammation can be ascribed to the gastroenteropathy.

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Further assessment would be orthopedic and neurological examination, fecal analysis, FNA cytology of the liver and spleen, and endoscopy of the upper GI tract with biopsies.

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Beanie Tremblay

SPECIES

Canine

BREED

Greyhound Mix

SEX

MN

Age

10 years

WEIGHT

66 #

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DATE

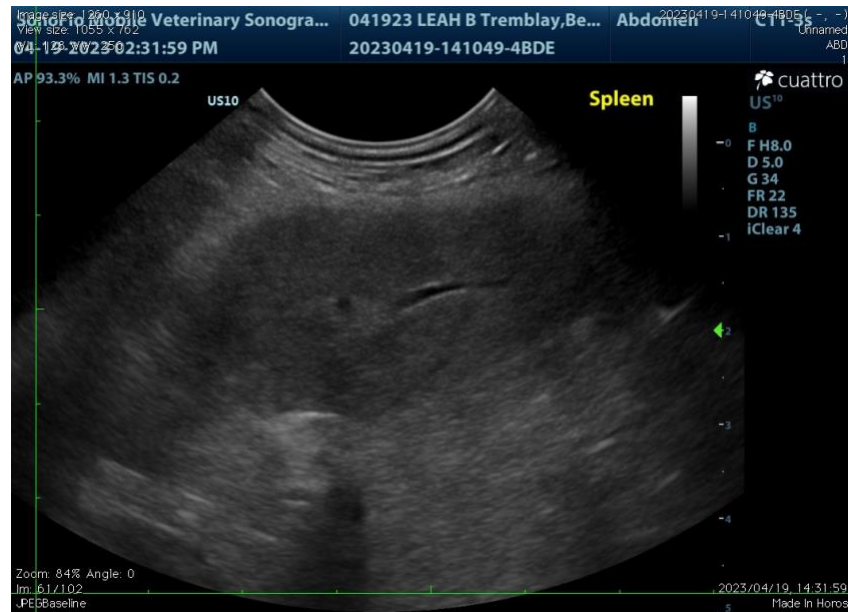
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IMAGES

Liver



Spleen





PATIENT Stomach

Beanie Tremblay

SPECIES

Canine

BREED

Greyhound Mix

SEX

MN

Age

10 years

WEIGHT

66 #



Small intestine

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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.

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