



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Sadie Battilana
History: Acute onset lethargy and anorexia. Ascites and possible mass on previous ultrasound.

SPECIES
Canine
Physical Examination: Arrhythmia.

BREED
Malamute Mix
Urinalysis: N/A.
CBC: Anemia.
Serum Biochemistry: Elevated ALT activity, phosphate, and urea.
Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX
FS

AGE
11 years
Urinary System
Small urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT
36 kg
Normal trigone area, proximal urethra, and iliac blood vessels.
Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY
Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM
Normal renal size (left 6.8 cm, right 7.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal position, shape, echogenic, and size. Left 0.45 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Large cavitary mottled echogenic mass in the head of the spleen with bulging of the overlying capsule.

Liver

Enlarged with rounded edges, mottled echogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are parenchymal, hypoechogenic, and small in size. No masses evident.

Gall bladder

Full containing normal anechoic bile. Normal thickness and appearance of the wall. Normal bile duct.

IMAGING PERFORMED BY

Dr Goeres

HOSPITAL NAME

Kelowna Veterinary Hospital

REFERRING VET

Dr Seefeldt

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PATIENT *Gastrointestinal*

Sadie Battilana Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.47 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine *Pancreas*

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Malamute Mix *Free Abdomen*

SEX No mesenteric lymphadenomegaly.
Small amount of ascites present around the spleen.

FS

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

36 kg

- Splenic mass.
- Hepatopathy.
- Ascites

Secondary Findings:

- None.

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MMedVet (Med), PhD, Dipl.
ECVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Dr Goeres

The most likely etiology for the splenic mass would be neoplasia (hemangiosarcoma, hemangioma, splenic sarcoma) with granuloma and hematoma, differential diagnoses.

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Etiologies for the nodular hepatopathy would be nodular hyperplasia, chronic hepatitis, granulomatous disease, and infiltrative neoplasia.

REFERRING VET

Dr Seefeldt

Further assessment would be 3-view thoracic radiographs, echocardiography, FNA cytology of the liver and splenic mass, and possibly a laparotomy; with the latter potentially being both diagnostic and therapeutic.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Sadie Battilana **Spleen**

SPECIES

Canine

BREED

Malamute Mix

SEX

FS

AGE

11 years

WEIGHT

36 kg

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Liver



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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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