



PATIENT PRESENTING CLINICAL SIGNS

Majek Sovka History: Urine dribbling when sleeping and at rest, occasional vomiting, weight loss.

SPECIES Physical Examination: Grade III/VI murmur, grit caudal to os penis when catheterized which resolved with flushing.

Canine Urinalysis: SG1.014, transitional cells.

BREED CBC: Normal.

Shetland Sheepdog Serum Biochemistry: Elevated ALT activity and lipase.

Radiographic Findings: N/A.

SEX

MN

AGE

13 years

WEIGHT

8.6 kg

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, some loss cortico-medullary differentiation, and normal capsule and pelvis. Small focal cortical cysts.

Reproductive System

Small hypoechoic prostate with focal area of parenchymal mineralization.

Adrenal Glands

Normal shape, position, echogenic appearance, and size.

Spleen

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. Incidental myelolipoma.

Liver

Normal size with a mottled echogenic-to-fine nodular appearance, and some loss of portal markings. No masses evident. Full gall bladder containing moderate amount of adherent hyperechoic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

Dr Hayley Biederbeck,
DVM

INVOICE

302718

DATE

1/29/22



PATIENT

Majek Sovka

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

MN

AGE

13 years

WEIGHT

8.6 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

Dr Hayley Biederbeck,
DVM

INVOICE

302718

DATE

1/29/22

Gastrointestinal

Normal appearance of the stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Prominent hypoechogenic appearance of the submucosal layer of the duodenum and small intestine with mucosal stippling but no loss of layering or distension of the lumen.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Enteropathy.
- Nodular hepatopathy.
- Emerging mucocele.
- Renal disease.

Secondary findings:

- None.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the enteropathy would be primary lymphangectasia, inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity, with emerging lymphoma a far less likely differential diagnosis.

Etiologies for the nodular hepatopathy would be reactive (from the mucocele), vacuolar, metabolic, nodular regeneration, early cirrhosis, chronic hepatitis, granulomatous disease, and infiltrative neoplasia.

The mineralized area within the prostate is most likely a prostholith.

Further assessment would be fecal analysis, blood pressure, UPC, cobalamin assay, FNA cytology of the liver, and possible endoscopy of the upper GI tract with biopsies.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy of the enteropathy would be feeding a novel protein/hypoallergenic diet, course of fenbendazole and/or metronidazole, cobalamin supplementation, and possibly prednisolone. Management of the hepatopathy and gall bladder would be ursodiol.



PATIENT IMAGES

Majek Sovka **Prostate**

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

MN

AGE

13 years

WEIGHT

8.6 kg

INTERPRETED BY

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

Kidney

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

Dr Hayley Biederbeck,
DVM

INVOICE

302718

DATE

1/29/22





PATIENT

Liver

Majek Sovka

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

MN

AGE

13 years

WEIGHT

8.6 kg



INTERPRETED BY

Gall bladder

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

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

Dr Hayley Biederbeck,
DVM

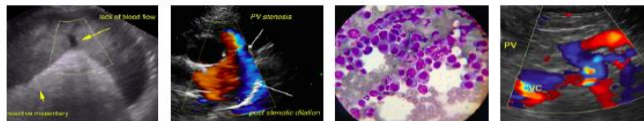
INVOICE

302718

DATE

1/29/22





PATIENT

Small intestine

Majek Sovka

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

MN

AGE

13 years

WEIGHT

8.6 kg



INTERPRETED BY

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

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)
rlobetti@mweb.co.za

IMAGING PERFORMED BY

Dr Hayley Biederbeck,
DVM

HOSPITAL NAME

Lomsnes Veterinary
Hospital

REFERRING VET

Dr Hayley Biederbeck,
DVM

INVOICE

302718

DATE

1/29/22