



PATIENT PRESENTING CLINICAL SIGNS

Mac Forsmann

History: Presented for ultrasound following work up for PU/PD, weight gain, polyphagia. Historical, intermittent soft stools with working diagnosis of inflammatory bowel disease.

SPECIES

Abnormal PE/Chem/CBC/UA Results: BCS 9/9, periodontal disease, epidermal collarettes and hyperpigmentation of ventral abdominal skin. June 2021 - CBC WNL, ALP >2000, owner declines recheck bloodwork. ACTH stimulation test 11/21 - WNL

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Scottish Terrier

Urinary System

SEX

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

Neutered male

AGE

The iliac trifurcation was unremarkable.

9 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.3 cm. The left kidney measured 6.1 cm.

WEIGHT

18.8 kgs

INTERPRETED BY

Adrenal Glands

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The caudal pole of the left adrenal is slightly enlarged. The left adrenal gland measured 2.1 x 0.7 cm at the caudal pole and 0.35 cm at the cranial pole.

IMAGING PERFORMED BY

Spleen

Dr. Stegemoller

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

HOSPITAL NAME

North Idaho AH

REFERRING VET

Dr. Neher

Liver

INVOICE

Exam of the cranial abdomen demonstrated excessive **liver** size and swollen contour. Mild, coarse architecture was noted with increased portal markings and minor parenchymal remodeling is suggestive of an inflammatory component. Minor excessive GB debris was noted with the presence gall bladder dilation and precipitate without the overt formation of mucocele but this may be an issue in the future. This type of liver presentation typically is associated with slow and gradual SAP elevations with low-grade ALT rise. USG-FNA sampling is encouraged if more aggressive LE profiles are present such as ALT > 200 or rapid rise in SAP. These presentations are usually reactive hepatopathies owing to other

94414

DATE

12/8/21



PATIENT

disease processes either endocrine (Diabetes, Hypothyroidism, Cushing's disease), "antigen surveillance" from the gut/pancreas, or idiopathic breed predisposed progressions.

Mac Forsmann

SPECIES

Gastrointestinal

Canine

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. There was some retention of ingesta noted in the stomach. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively.

BREED

Scottish Terrier

SEX

Pancreas

Neutered male

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

AGE

9 years

Free Abdomen

WEIGHT

18.8 kgs

A large amount of abdominal fat was noted in this patient, particularly in the pelvis and sublumbar regions.

INTERPRETED BY

ULTRASONOGRAPHIC FINDINGS

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Structurally unremarkable abdomen.

IMAGING PERFORMED BY

Excessive body score.

Dr. Stegemoller

Age related abdominal changes.

Structurally normal adrenal glands.

HOSPITAL NAME

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

North Idaho AH

Dietary indiscretion, food intolerance/indiscretion, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Thyroid testing is warranted if not already performed. Atypical Cushing's is a potential. Full adrenal panel to the University of Tennessee could be considered. However, there was no evidence of significant visceral pathology.

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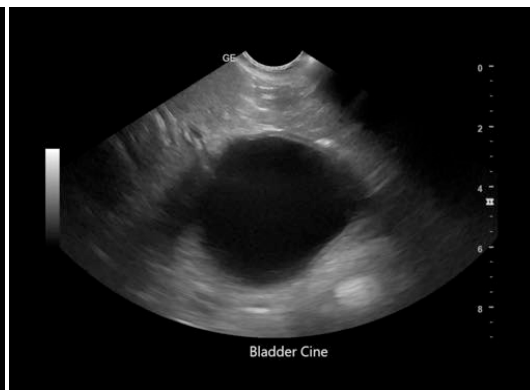
Mac Forsmann

SPECIES

Canine

BREED

Scottish Terrier



SEX

Neutered male

AGE

9 years

WEIGHT

18.8 kgs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Stegemoller

HOSPITAL NAME

North Idaho AH



REFERRING VET

Dr. Neher

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.

INVOICE

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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.

DATE

12/8/21

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com