



PATIENT PRESENTING CLINICAL SIGNS

Barret Fournier History: Enlarged spleen on exam. Sedated with Butorphanol and microdose Acepromazine.
Abnormal PE/Chem/CBC/UA Results: Full geriatric workup - stable with only slight lipase increase

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

German Shepherd

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.

SEX

Neutered male

The residual prostate measured 1.64 cm.

AGE

8 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.77 cm.

WEIGHT

81 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.14 cm at the cranial pole and 0.56 cm at the caudal pole. The left adrenal gland measured 0.65 cm at the caudal pole and 0.67 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** was mildly enlarged, uniform and slightly heterogenous. There was no evidence of masses.

IMAGING PERFORMED BY

Dr. Ebersole

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

HOSPITAL NAME

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REFERRING VET

Dr. Kaltsas

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Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine

DATE

9/14/22



PATIENT

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Barret Fournier

SPECIES

Pancreas

Canine

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.

BREED

German Shepherd

ULTRASONOGRAPHIC FINDINGS

SEX

Hypersplenism, typical for the breed.

Neutered male

Subtle, micronodular changes.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

8 years

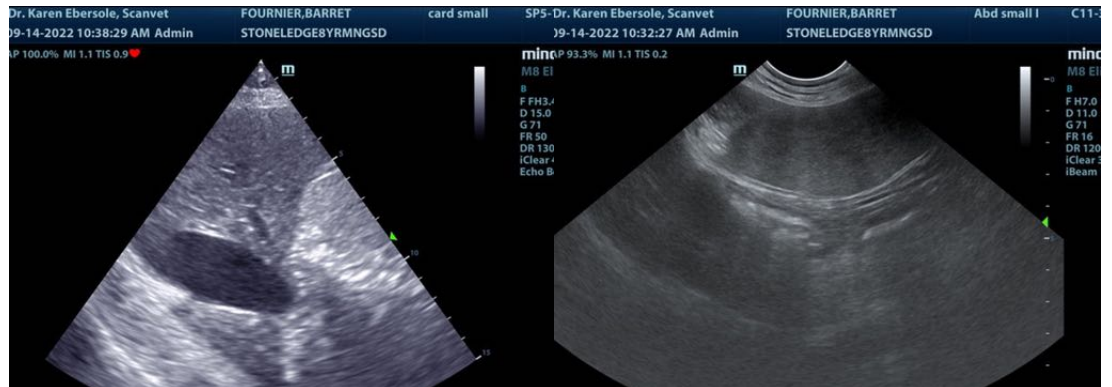
If any weight loss is present then FNA is indicated. Otherwise, there was no evidence of pathology. This is a normal variant. The sedation may be playing a role in the splenic presentation.

WEIGHT

81 lbs

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PATIENT

Barret Fournier

SPECIES

Canine

BREED

German Shepherd

SEX

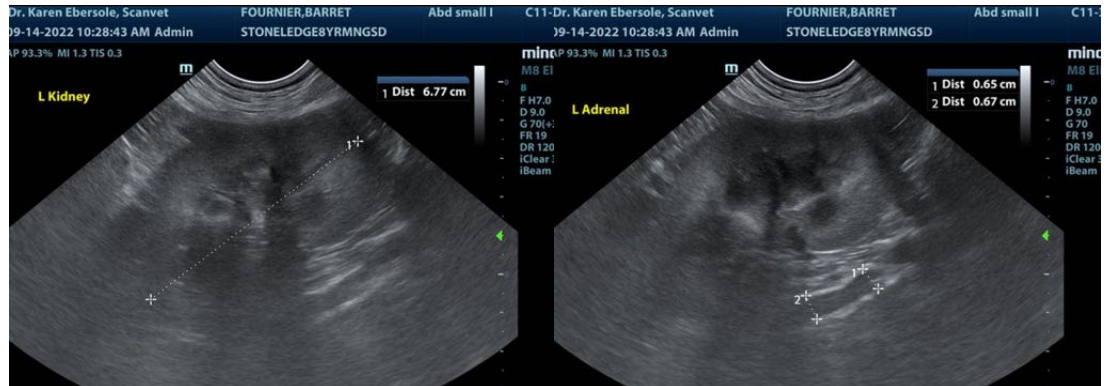
Neutered male

AGE

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WEIGHT

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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