

PATIENT PRESENTING CLINICAL SIGNS

Blitz Korth History: Scabbed while sedated Iso/O2 for dental- Asymptomatic- Rechecked liver values pre dental since last AUS and numbers were higher- Discussed poss aspirates but did not do at the time of AUS unless advised by internist-recheck AUS

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: ALT 128 (10-125), ALP 243 (23-212), GGT 21 (0-11), Lipase 2080 (200-1800)

BREED MEDS- Hills Low-fat, milk thistle, No Scoot

Boxer Mix **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

SEX *Urinary System*

Neutered Male The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

AGE

11 years The left kidney is normal in size (6.87 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

72 lbs The right kidney is normal in size (7.28 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

INTERPRETED BY

Andrea Nicastro,
 DVM, Diplomate
 ACVIM (Small Animal
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Adrenal Glands

The left adrenal gland is normal in size (0.97 cm at cranial pole) (0.79 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Loetitia Saint-
 Jacques,
 LVT

The right adrenal gland is borderline enlarged (0.95 cm at cranial pole) (0.87 cm at caudal pole) (3.17 cm in length) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME *Spleen*

MountainView AH The spleen is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is diffusely mottled in appearance with ill-defined hypoechoic areas. A 2.74 x 3.80 cm irregular hypoechoic-to-heterogenous nodule is observed approximately mid-spleen. Splenic vasculature appears normal with no evidence of thrombosis.

REFERRING VET

Dr Ashlie Brown *Liver*

The liver is subjectively normal in size with normal contours and structure. The parenchyma is hypoechoic relative to the spleen. A 2.40 x 1.65 cm hypoechoic nodule/mass is observed on the right side. The lesion does not appear to cause capsular expansion. The remaining parenchyma is homogenous. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.

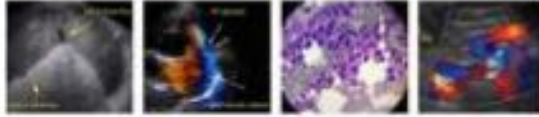
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The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.



PATIENT *Gastrointestinal*

Blitz Korth The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

SPECIES

Canine *Pancreas*

BREED The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Boxer Mix

SEX *Free Abdomen*

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. One-to-two prominent mesenteric lymph nodes are visualized (the largest measuring 2.35 x 0.43 cm).

Neutered Male

AGE *Other*

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

11 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

Primary Findings

72 lbs

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- The splenic nodule is similar in size to slightly larger compared to the previous sonogram. Differentials include focus of lymphoid hyperplasia or similar, or an emerging tumor. The diffuse splenic parenchymal changes are nonspecific and could be secondary to lymphoid hyperplasia, extramedullary hematopoiesis, splenitis, antigenic stimulation or infiltrative neoplasia. Given the patient's asymptomatic state, a non-neoplastic process is favored.
- The hepatic nodule is similar in size to slightly larger compared to the previous sonogram. Differentials include regenerative nodule, inflammatory focus or emerging tumor (i.e., adenoma, adenocarcinoma, round cell tumor).

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HOSPITAL NAME

Secondary Findings

- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

MountainView AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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- Consider a fine-needle aspirate of the splenic nodule (if clotting status is appropriate). A 25-gauge needle should be used.
- The hepatic nodule is unlikely to be accessible for aspiration due to its subcostal location. Therefore, serial sonographic monitoring (i.e., every 3-4 months) or biopsies (i.e., laparoscopic, or surgical) can be considered.

Dr Ashlie Brown

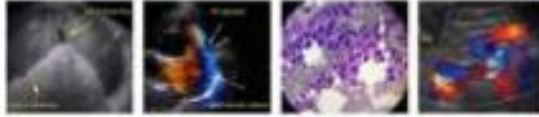
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- Given the patient's age, three-view thoracic radiographs are recommended to assess cardiopulmonary status.

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SPECIES

Canine

BREED

Boxer Mix

SEX

Neutered Male

AGE

11 years

WEIGHT

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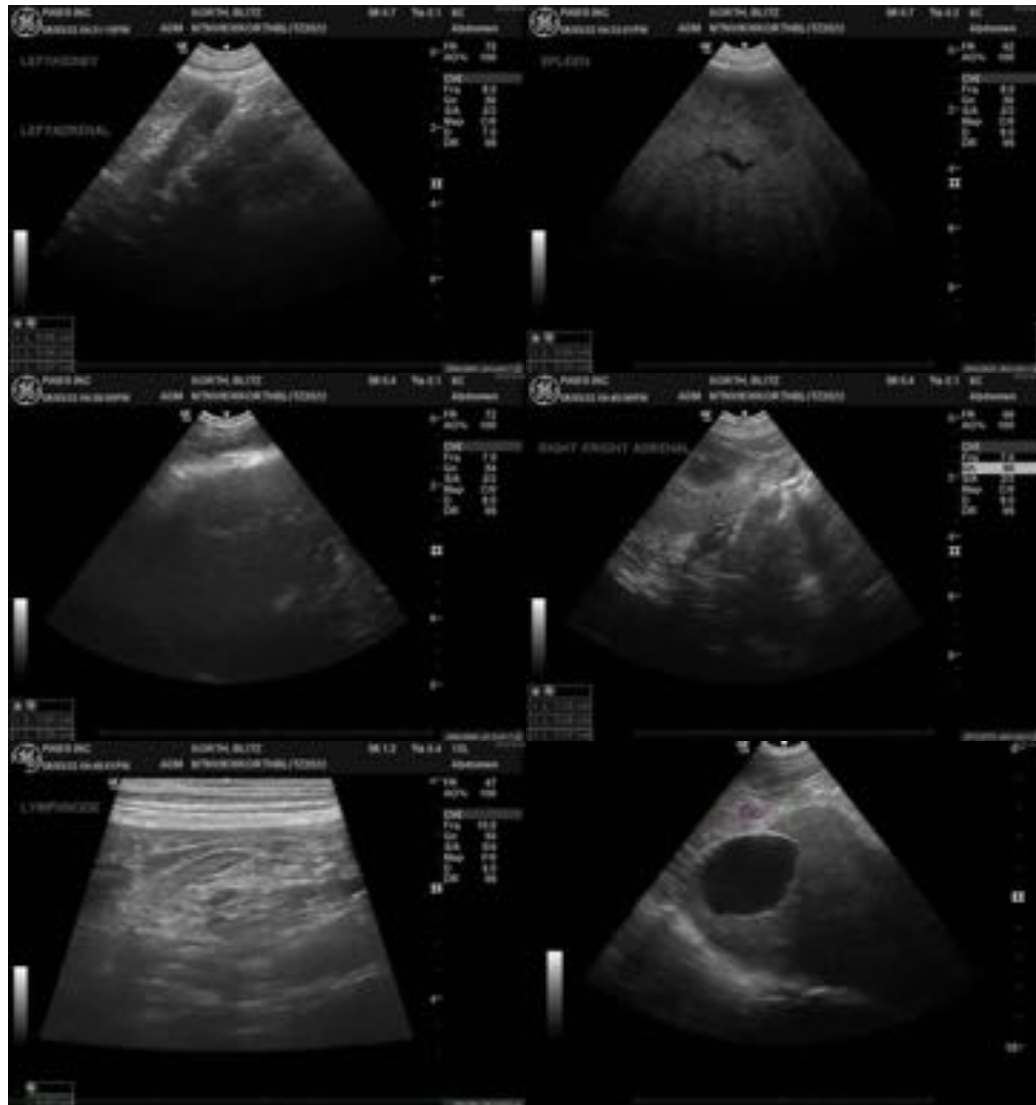
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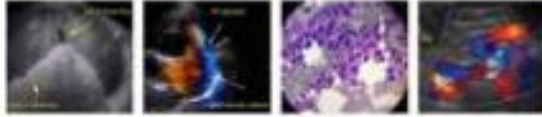
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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PATIENT

Blitz Korth

SPECIES

Canine

BREED

Boxer Mix

SEX

Neutered Male

AGE

11 years

WEIGHT

72 lbs

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