



PATIENT

Stax Hernandez

PRESENTING CLINICAL SIGNS

History: Pleural effusion, abdominal effusion noted on 7/19 at the emergency center. 350ml of fluid removed. Increased respiratory effort.

SPECIES

Ferret

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

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 **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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present.

AGE

3 years

WEIGHT

1.38 kg

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 left adrenal gland was round and hypoechoic measuring 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed mixed, hypoechoic 1.5 cm mass with other heterogenous parenchymal changes.

IMAGING PERFORMED BY

Dr. Parker

Liver

The **liver** revealed heterogenous nodular changes. This may be related to the splenic pathology. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

Dr. Parker

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 demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. The mesenteric lymph nodes were enlarged, rounded and measured up to 0.5 cm.

INVOICE

76417

DATE

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Pancreas

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.

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Free Abdomen

Free fluid was noted in the cranial abdomen with echogenic debris.

BREED

Thorax

SEX

Neutered male

The thorax revealed a large amount of pleural effusion with volume contracted heart.

ULTRASONOGRAPHIC FINDINGS

AGE

3 years

Splenic +/- hepatic neoplasia with ascites and pleural effusion.

WEIGHT

1.38 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multi-centric neoplasia is suspected. Pleurocentesis, abdominocentesis and 25-gauge FNA of the splenic and hepatic lesions can be considered for further definition. However, the prognosis long term is poor.

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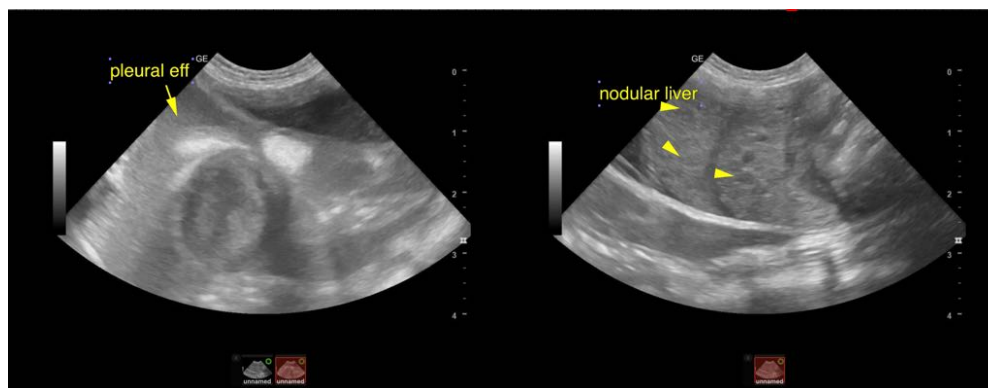
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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