



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kelso Bluette
SPECIES Canine
BREED Pyrenees
SEX Neutered male
AGE 8 years
WEIGHT 40.4 kg

PRESENTING CLINICAL SIGNS
 History: Ultrasound for neighboring clinic. Not doing well, brought in to clinic and large mass palpable.
 Abnormal PE/Chem/CBC/UA Results: Chem-nsf. Abnormal CBC findings : RBC 5.16 10⁶/mm³ L 5.50 8.5 MCH 26.00 pg H 19.50 24.50 MCHC 38.60 g/dL H 34.00 38.00 RDW 17.40 % H 12.00 16.00 PLT 147.00 10³/mm³ L 200.00 500.00

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

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 right kidney measured 7.0 cm. The left kidney measured 7.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed an expansive, mixed, hypoechoic 8.0+ cm mass with regional inflammation. The mass appears to extend into the regional omentum. Clean resection is likely unlikely.

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. Subtle hypoechoic nodules are noted and non-disruptive. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

INTERPRETED BY

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IMAGING PERFORMED BY

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REFERRING VET

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Gastrointestinal

Some **gastric** stasis was noted. The visibility was poor. However, the small intestines and colon were unremarkable.



PATIENT

Pancreas

Kelso Blulette

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.

SPECIES

Canine

Free Abdomen

BREED

Pyrenees

Free fluid was noted throughout the abdomen.

SEX

Neutered male

Splenomegaly with undifferentiated mass and free fluid.

AGE

8 years

Omental changes are consistent with potential omental seeding.

WEIGHT

40.4 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Either screening FNA of the splenic mass, general spleen and liver could be considered or direct exploratory surgery after echocardiogram and chest radiographs to assess for metastatic disease. Sarcoma, hemangiosarcoma or round cell neoplasia is likely. The prognosis is guarded to poor.

INTERPRETED BY

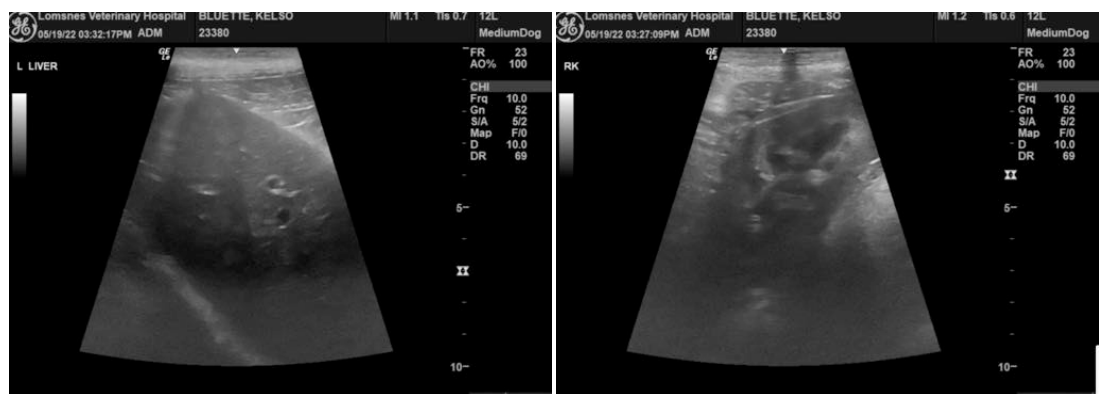
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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