



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kona Damewood
History of acute hepatic failure 2016, currently hyperthyroid and diabetic. Losing weight, appetite poor. Recently difficult to regulate diabetes. Palpable abdominal mass.

SPECIES Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings None recently.

Feline Current Medications Methimazole 2.5mg BID, Amitriptyline 5mg SID, glargine insulin

BREED Radiographic Findings None

DSH ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX *Urinary System*

MN 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 were noted. Ureteral papillae were normal.

AGE

15yr

WEIGHT

11.96lb

The kidneys presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous, and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with moderate chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Left kidney cortical infarcts were noted with irregular left kidney contour and corticomedullary calculus. Potential emerging left kidney infiltrative event possible. The left kidney measured 3.82 cm in length. The right kidney measured 3.29 cm in length.

Adrenal Glands

IMAGING PERFORMED BY

Sara Hansen

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 measured 0.37 cm. The right adrenal gland measured 0.32 cm.

HOSPITAL NAME

Cottage Grove
Veterinary Hospital

Spleen

The spleen was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma. 25-gauge FNA would be ideal if weight loss is an issue to differentiate early round cell neoplasia versus splenitis or reactive spleen all of which can present in this manner.

REFERRING VET

Dr. Damewood

INVOICE

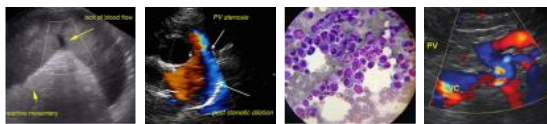
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Liver

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.

DATE

02/13/2023



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Gastrointestinal

Examination of the gastrointestinal tract revealed variable gastrointestinal thickening.

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.

Free Abdomen

A hyperechoic mid abdominal undifferentiated 3.7 cm mass was noted with regional inflammation and free fluid present. Free fluid noted in the pleural space through the diaphragm.

Multiple mesenteric lymph nodes were enlarged and irregular.

Regional omental nodules were noted.

ULTRASONOGRAPHIC FINDINGS

- Lymph node mass with infiltrative intestinal pattern and likely splenic and possible renal involvement
- Secondary ascites and pleural effusion likely owing to lymphatic congestion
- Bilateral interstitial renal pattern with irregular left kidney
- Scalloped splenic contour
- Variable gastrointestinal thickening

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A FNA of the spleen and lymph node mass could be considered as well as pleurocentesis and cytospin to assess for potential chemotherapeutic intervention. Lymphoma is considered likely given the age of the patient; small cell lymphoma may be the underlying issue. A poor prognosis is indicated.





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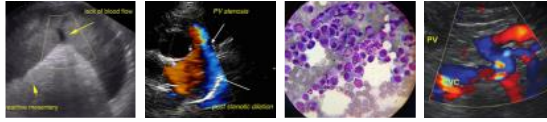
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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.

BREED

DSH

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