

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Amy Sirvent History: Bilateral renal cysts, liver masses, hyperthyroid.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

BREED CBC: N/A.

DSH Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

FS

AGE

20 years

WEIGHT

9.8 #

INTERPRETED BY

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ECVIM

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Forest Hills Animal Clinic

REFERRING VET

Dr Cortes

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DATE

4/6/23

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

Normal lymph nodes. Ureters not visualized.

Normal renal size (left 3 cm, right 3.8 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, normal blood flow and pelvis, and irregular capsule. Bilateral foci of mineralization present. Bilateral peri-nephritic cysts – left 8.1 x 8.6 cm, right 7.3 x 8.4 cm with both cysts incompletely drained.

Reproductive System

N/A.

Adrenal Glands

Not visualized.

Spleen

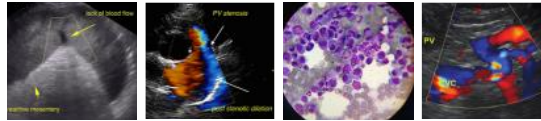
Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with a mottled echogenic appearance, loss of portal markings, and regular curvilinear capsule. No nodules evident. Irregular hyperechogenic parenchymal masses in the right lobe (3.8 x 4.5 cm) and left lobe (3.6 x 6.5 cm) with bulging of the overlying capsule.

Gall bladder

Small containing normal anechoic bile. Normal thickness and appearance of the wall. Normal bile duct.



PATIENT *Gastrointestinal*

Amy Sirvent Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.28 cm) and peristalsis, and no distension of the lumen.

SPECIES

Feline *Pancreas*

BREED

Normal size (1 cm) with a hypoechogenic appearance. Visible pancreatic duct (0.2 cm). Regular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

DSH

Free Abdomen

SEX

No mesenteric lymphadenomegaly.
Small amount of ascites present around the liver.

FS

AGE

ULTRASONOGRAPHIC FINDINGS

20 years

Primary findings:

WEIGHT

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- Bilateral peri-nephric cysts.
- Renal disease vs age-related renal changes.
- Chronic pancreatitis.
- Hepatopathy.
- Hepatic masses.
- Ascites.

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Secondary findings:

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The peri-nephric cysts can be considered incidental findings but may cause intermittent abdominal pain.

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Etiologies for the hepatopathy would be reactive, metabolic, secondary to the hepatic masses, cholangio-hepatitis complex, and infiltrative neoplasia.

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The most likely etiology for the hepatic masses would be neoplasia with organized hematomas and granulomas differential diagnoses.

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The ascites can be ascribed to the liver changes.

With the patients age, further assessment that could be considered would be urinalysis, renal function (urea, creatinine, SDMA), fPL/PSL assay, and FNA cytology of the liver and hepatic masses.

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Specific therapy would be dependent on an etiological diagnosis.



PATIENT IMAGES

Amy Sirvent **Liver**

SPECIES

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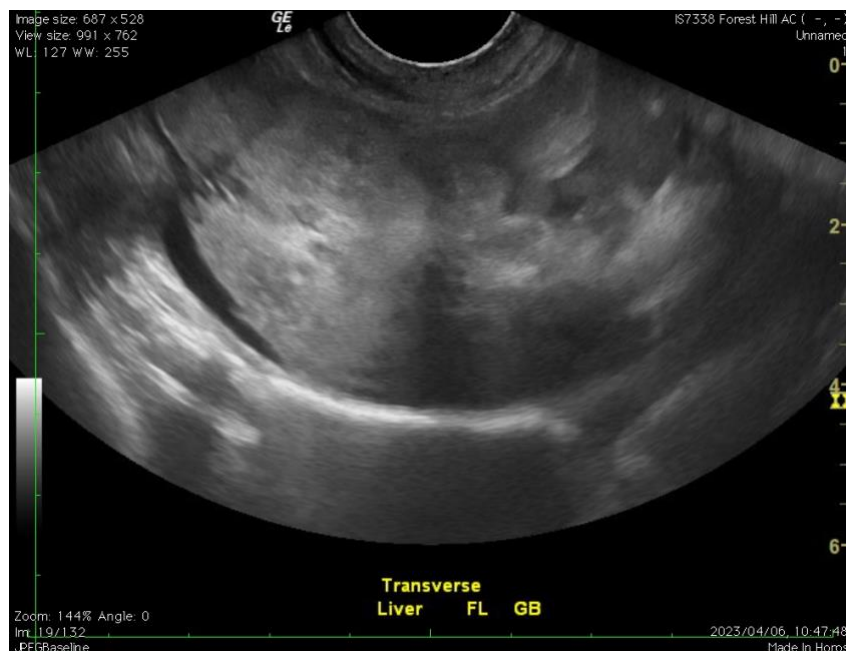
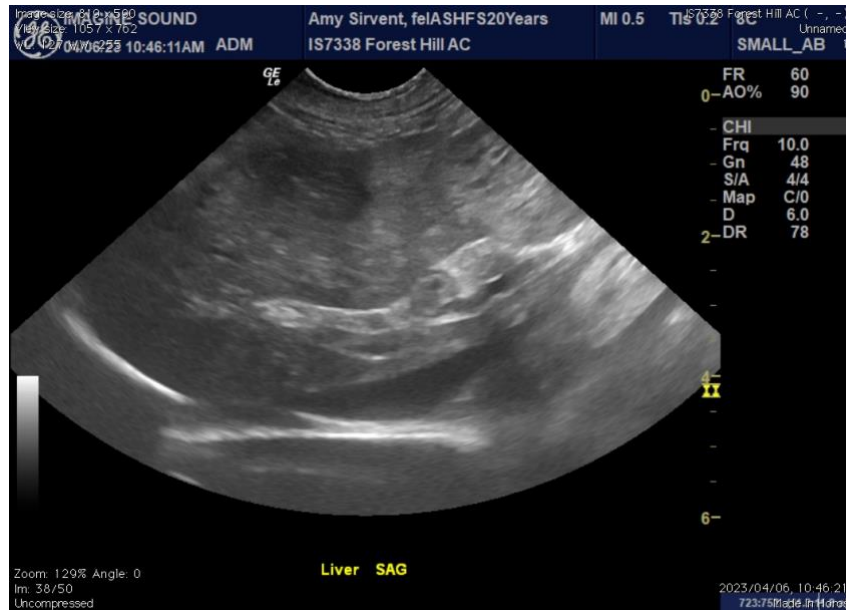
Dr Cortes

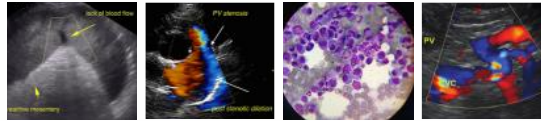
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PATIENT Right kidney

Amy Sirvent

SPECIES

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Pancreas

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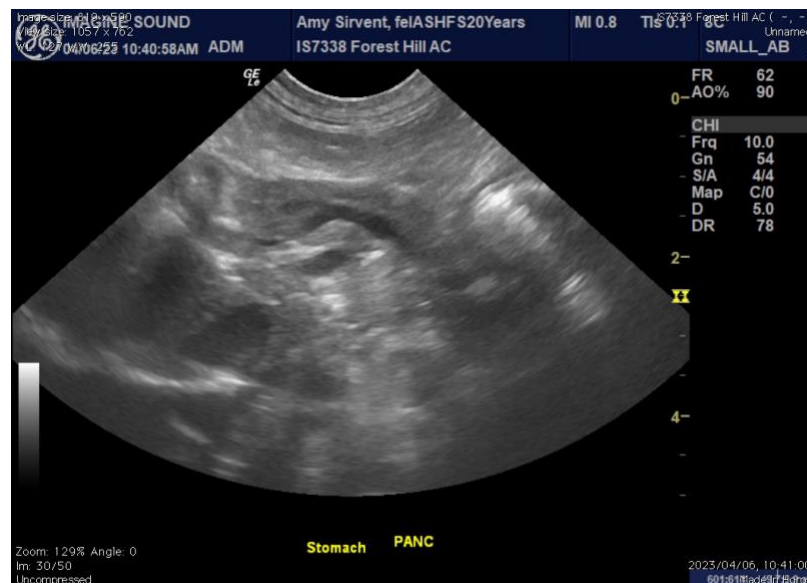
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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