



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Ruby Williams History: Estrus despite being spayed, diarrhea.

SPECIES Physical Examination: Soft tissue mass mid-abdomen.

Feline Urinalysis: N/A.

BREED DSH CBC: Normal.

Serum Biochemistry: Mildly elevated SDMA.

DSH Radiographic Findings: N/A.

SEX

Fs

AGE

2 years

WEIGHT

7.8 #

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.3 cm, right 3.6 cm), echogenic appearance, cortico-medullary differentiation, pelvis, capsule and blood flow.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.66/0.38cm, right 0.71/0.31 cm.

Spleen

Enlarged (1 cm) with an increased echogenic and nodular appearance. Nodules are small, parenchymal, and hypoechogenic. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature.

Liver

Normal size and echogenic appearance with prominent portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Thickened (0.2 cm) and hyperechogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristalsis, and no distension of the lumen. Ingesta within the stomach and small intestine.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Veterinary House Call

REFERRING VET

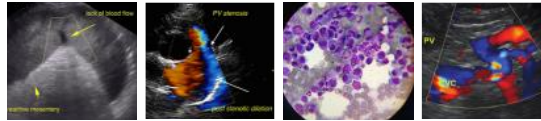
Dr Lowenstein

INVOICE

303080

DATE

6/29/22



PATIENT *Pancreas*

Ruby Williams Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline No mesenteric lymphadenomegaly.

BREED Small amount of acellular ascites.
DSH Large cystic structure (3.2 x 7.8 cm) within the mid-abdomen containing small amount of hyperechogenic sediment and possibly associated with the small intestine.
SEX Irregular hypoechogenic and cystic and poorly vascularized nodule (1.1 x 1.7 cm) caudal to the bladder neck and possibly associated with the colon.

AGE **ULTRASONOGRAPHIC FINDINGS**

Fs Primary findings:

- Abdominal cyst.
- Cholangio-hepatitis.
- Caudal abdominal nodule.
- Nodular splenomegaly.

WEIGHT Secondary findings:

- Ascites.

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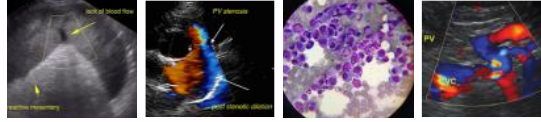
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the history the most likely etiology for the caudal abdominal nodule would be a stump granuloma.

Etiologies for the spleen would be reactive, hyperplasia, granulomas, and neoplasia.

Further assessment would be FNA cytology of the spleen and liver and a laparotomy, which could be both diagnostic and therapeutic as it would allow for removal of the cyst and caudal abdominal mass, splenic biopsy/splenectomy, and obtaining a wedge biopsy of the liver.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Ruby Williams

SPECIES

Feline

BREED

DSH

SEX

Fs

AGE

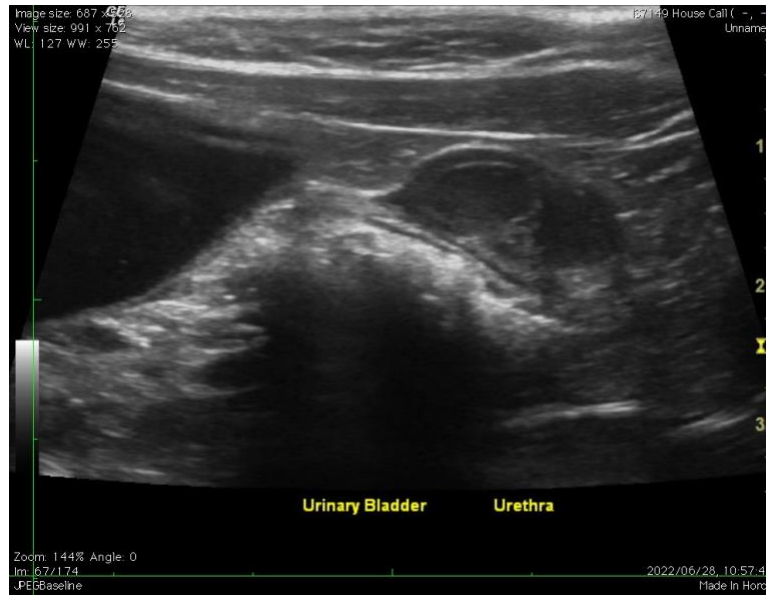
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IMAGES

Caudal abdomen



Spleen



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PATIENT Abdominal cyst

Ruby Williams

SPECIES

Feline

BREED

DSH

SEX

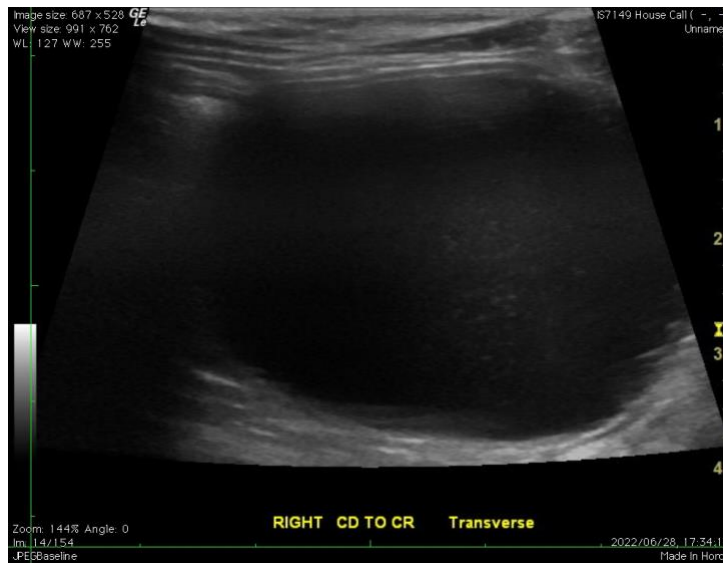
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Liver/gall bladder



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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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