



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Elle Concha

Pt not eating for 2 days, Elle been very lethargic which is very unusual for her, no vomiting or diarrhea, her last period was few days ago. this morning owner noticed a vaginal DC , Rx: by rDVM amoxi/clav 200mg/28.5 mg 1 ml po bid 14 days,

**SPECIES**

Feline

Abnormal PE/Chem/CBC/UA Results: Hyperemia, ( T 104.10 F), a lump felt in caudal abdomen, purulent sanguineous vaginal DC on 6/15/22. BW: 6/14/2022 CBC: WBC: 4.93 (L) 5.50-19.50 LYM: 0.39 (L) 0.73-7.86 NEU: 84.8 (H) 38-80.0 CHEM: BUN: 14.9 (L) 15.0-32.0 CREA: 0.7 (L) 0.8-1.8 GLUCOSE: 182 (H) 70-130

**BREED**

DSH

**SEX**

Female Intact

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**AGE**

2 years

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

**WEIGHT**

5.50 lbs.

The area of the aortic trifurcation was free of pathology, Including no evidence of medial Iliac or sublumbar lymphadenopathy.

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

The uterus exhibited mild to possible moderate distention containing anechoic fluid exhibiting mild echogenic changes suggestive of cellularity. Example of uterine horn measured 1.0 cm in diameter. No overt pathology was noted in the area of the left and right ovaries, although not definitively visualized.

**IMAGING PERFORMED BY**

Jose

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.2 cm in length. The right kidney measured 3.6 cm in length.

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Emergency Hospital

**Adrenal Glands**

No overt pathology was noted in the area of the left or right adrenal glands, although not definitively visualized.

**REFERRING VET**

Ayman, Hanna DVM

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

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**Liver/ Gallbladder**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



**PATIENT**

***Gastrointestinal***

Elle Concha

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

**SPECIES**

Feline

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

**BREED**

DSH

Normal visible colon wall layers were present with apparent formed feces in lumen.

**SEX**

Female Intact

***Pancreas***

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

**AGE**

2 years

***Free Abdomen***

No omental masses, significant lymphadenopathy or evidence of peritoneal effusion was present.

**WEIGHT**

5.50 lbs.

**ULTRASONOGRAPHIC FINDINGS**

- Mild moderate fluid distended uterus - consistent with pyometra

**INTERPRETED BY**

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DVM, DABVP  
(Canine and Feline)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ovariohysterectomy is recommended. No evidence of concurrent gastrointestinal pathology, mechanical obstructive pattern, or evidence of foreign material. As-needed gastrointestinal supportive care is recommended.

**IMAGING PERFORMED BY**

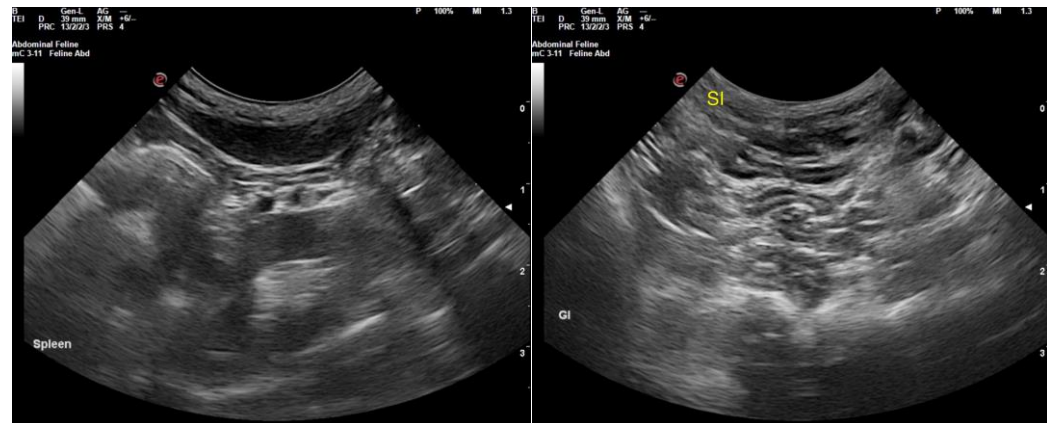
Jose

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Elle Concha

## SPECIES

Feline

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DSH

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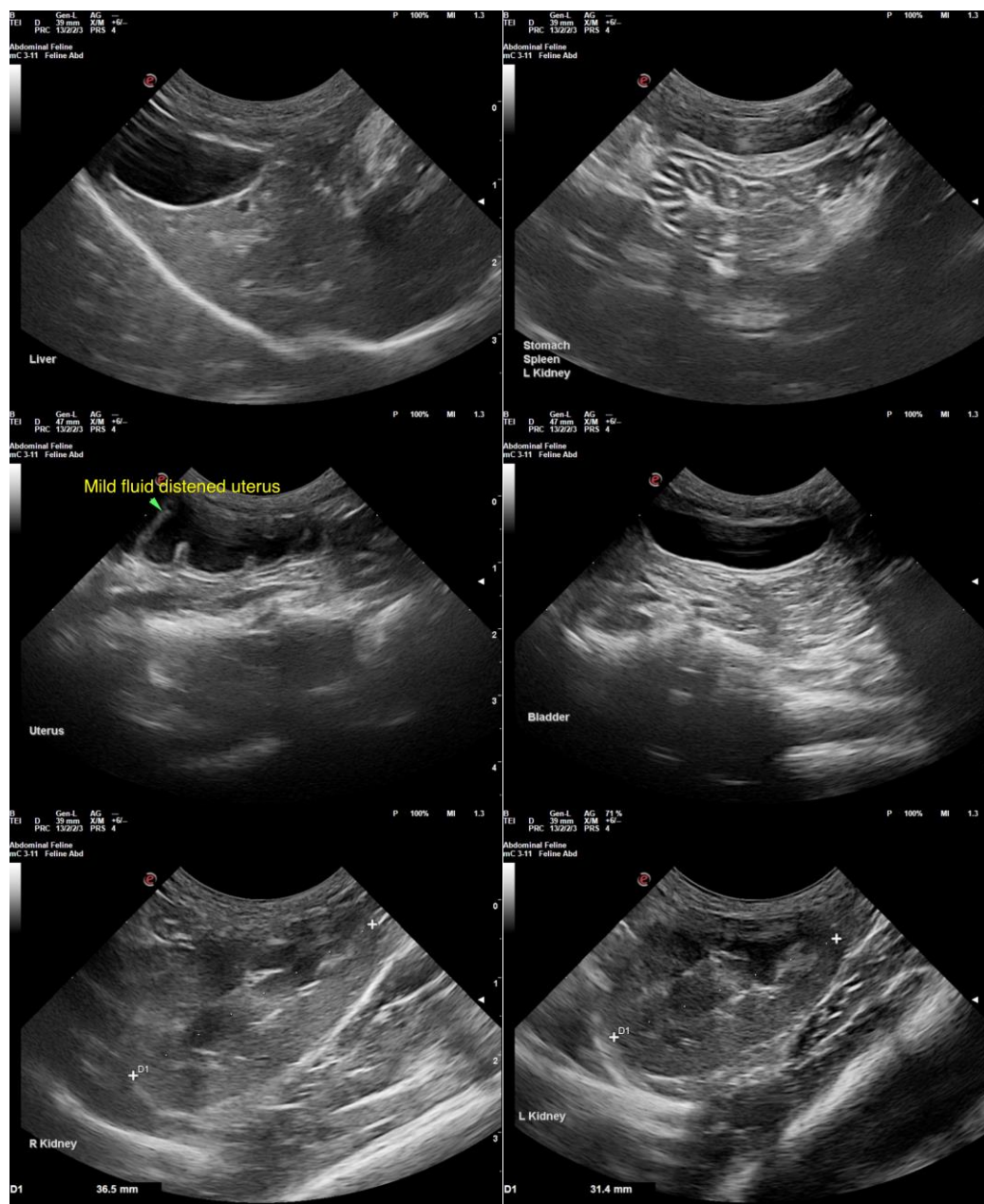
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)  
info@SonoPath.com