



**PATIENT PRESENTING CLINICAL SIGNS**

**Manolo Aguilés** History: The patient came as a referral for an abdominal ultrasound. Hx of low appetite 2 months ago. No vomiting or diarrhea. Wanted to perform an abdominal ultrasound to rule out any major abnormalities.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: CBC: PLT: 270 (300-800) CHEM: GLU: 121 (60-110) FIV: Negative  
FeLV: Negative

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** *Urinary System*

**DLH** The urinary bladder is empty. The wall is moderately thickened (up to 0.46 cm) and irregular. Luminal contents appear anechoic. No cystic calculi are observed. The visible portion of the proximal urethra is normal.

**SEX**

**Neutered Male** The left kidney is normal in size (4.11 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is hyperechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**AGE**

**7 years** The right kidney is normal in size (4.39 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is hyperechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**WEIGHT**

**11.5 lbs** *Adrenal Glands*  
The left adrenal gland is normal in size (0.26 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature appear normal.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM (*Small  
Animal Internal Medicine*)

The right adrenal gland is normal in size (0.28 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature appear normal.

**IMAGING PERFORMED BY**

Dr. Ferrer, DVM

*Spleen*

The spleen is normal in size (0.69 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature appears normal.

**HOSPITAL NAME**

Paseos VC

*Liver*

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion.

**REFERRING VET**

Dra. Yolanda  
Sierra Archilla

The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**INVOICE**

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*Gastrointestinal*

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

**DATE**

6.13.23



**PATIENT** *Pancreas*

Manolo Aguilés

The right limb of the pancreas is normal in size with normal curvilinear peripheral contours. The parenchyma is largely hyperechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

**SPECIES**

Feline

*Free Abdomen*

Trace free fluid is observed. One-to-two prominent lymph node are observed adjacent to the ileocecolic junction (the largest measuring 0.48 cm in diameter). Surrounding mesentery is hyperechoic.

**BREED**

**ULTRASONOGRAPHIC FINDINGS**

DLH

**Findings**

**SEX**

Neutered Male

- Minor bilateral chronic renal changes
- The urinary bladder wall thickening is likely artifactual due to lack of full repletion. Cystitis is also a possibility. Correlation with the patient's clinical history is recommended.

**AGE**

7 years

- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.
- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

**WEIGHT**

11.5 lbs

- Trace ascites
- \*An obvious cause for the patient's inappetence is not definitively identified in this study. A wide variety of differentials are possible, including microscopic gastrointestinal disease, orthopedic or neurologic disease, occult neoplasia, underlying metabolic issue, other.

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**IMAGING  
PERFORMED BY**

Dr. Ferrer, DVM

**HOSPITAL NAME**

Paseos VC

**REFERRING VET**

Dra. Yolanda  
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- If the patient's appetite is still decreased, further work-up may be warranted and could include the following:
  1. Orthopedic and neurologic examinations to assess for nonmetabolic causes for inappetence.
  2. Thoracic radiographs to assess for occult disease in the chest
  3. Texas GI panel including serum cobalamin and folate, TLI and PLI
  4. +/- endoscopic or surgical GI biopsies.



**PATIENT**

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**SPECIES**

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**BREED**

DLH

**SEX**

Neutered Male

**AGE**

7 years

**WEIGHT**

11.5 lbs

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**REFERRING VET**

Dra. Yolanda Sierra Archilla

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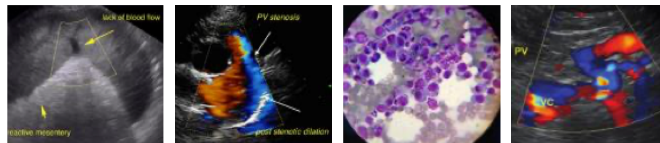
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



**PATIENT**

Manolo Aguilés

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.

**SPECIES**

Feline

**Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)**  
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**BREED**

DLH

**SEX**

Neutered Male

**AGE**

7 years

**WEIGHT**

11.5 lbs

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