



**PATIENT**

Zara Heydarioun

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Spayed female

**AGE**

15 years

**WEIGHT**

9.3 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Singh

**HOSPITAL NAME**

Balmy Beach Pet  
Hospital

**REFERRING VET**

Dr. Singh

**INVOICE**

31695

**DATE**

7/14/22

**PRESENTING CLINICAL SIGNS**

History: vomiting frequently since yesterday Previous ultrasound submitted to Sonopath in Sept 2021 for this patient - was diagnosed with triaditis, pancreatitis Cat still vomiting off and on Also has early kidney disease Marked hypokalemia  
Abnormal PE/Chem/CBC/UA Results: Marked hypokalemia GGT elevation Not eating, vomiting.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left and right kidney measured 3.0 cm.

**Adrenal Glands**

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 0.92 cm.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. The liver revealed slight coarse architecture. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder was unremarkable.



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**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**Pancreas**

The **pancreas** revealed coarse architecture with heterogenous parenchymal changes.

**ULTRASONOGRAPHIC FINDINGS**

Heterogenous pancreas.

Otherwise, unremarkable abdomen.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Subxiphoid palpation is recommended to assess for any discomfort. I suspect chronic active pancreatitis. Diet change, broad spectrum antibiotics and consideration for infectious agents are recommended.

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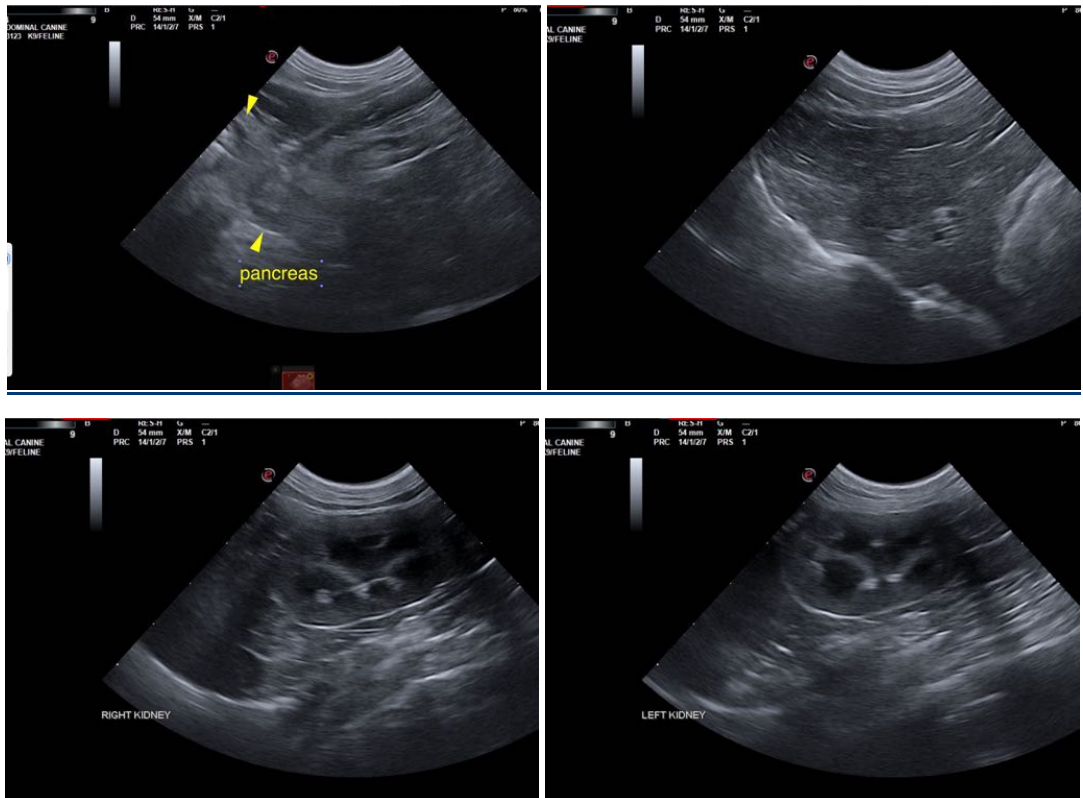
Dr. Singh

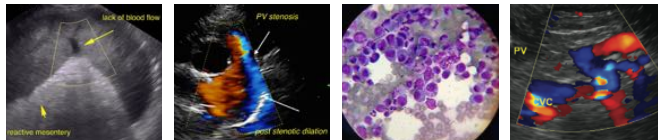
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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

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