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Clinical Sonography & Telemetry

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DATE

9/23/22

PATIENT

Luna Ortez-Rivera

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

9/22/18

WEIGHT

10.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rachel Brilhart RDMS

HOSPITAL NAME

Animal Emergency
Hospital

REFERRING VET

Dr. Martinoli

INVOICE

41612

PRESENTING CLINICAL SIGNS

Dehydrated, icterus, elevated liver values.

Current Medications: None listed.

Lab Results: ALT-393, ALKP-342, tBili- 6.0, CBC normal

Radiographs: NSF.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

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 were 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. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.0 cm with slight pyelectasia noted. The right kidney measured 4.0 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 right adrenal gland measured 0.45 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 were noted.

Liver

The **liver** was diffusely hyperechoic to falciform fat. The gallbladder and common bile duct were unremarkable.

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

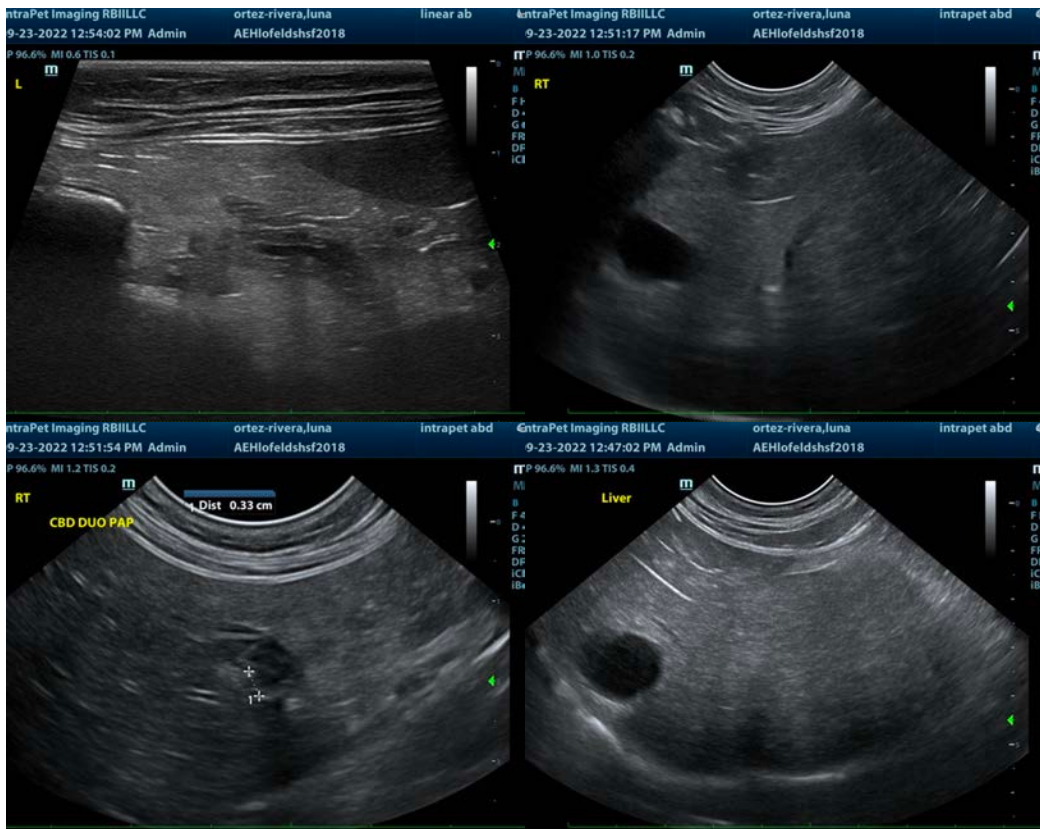
The **pancreas** presented coarse architecture and heterogeneous parenchyma, measuring up to 1.04 cm on the left limb. Dilated duct noted.

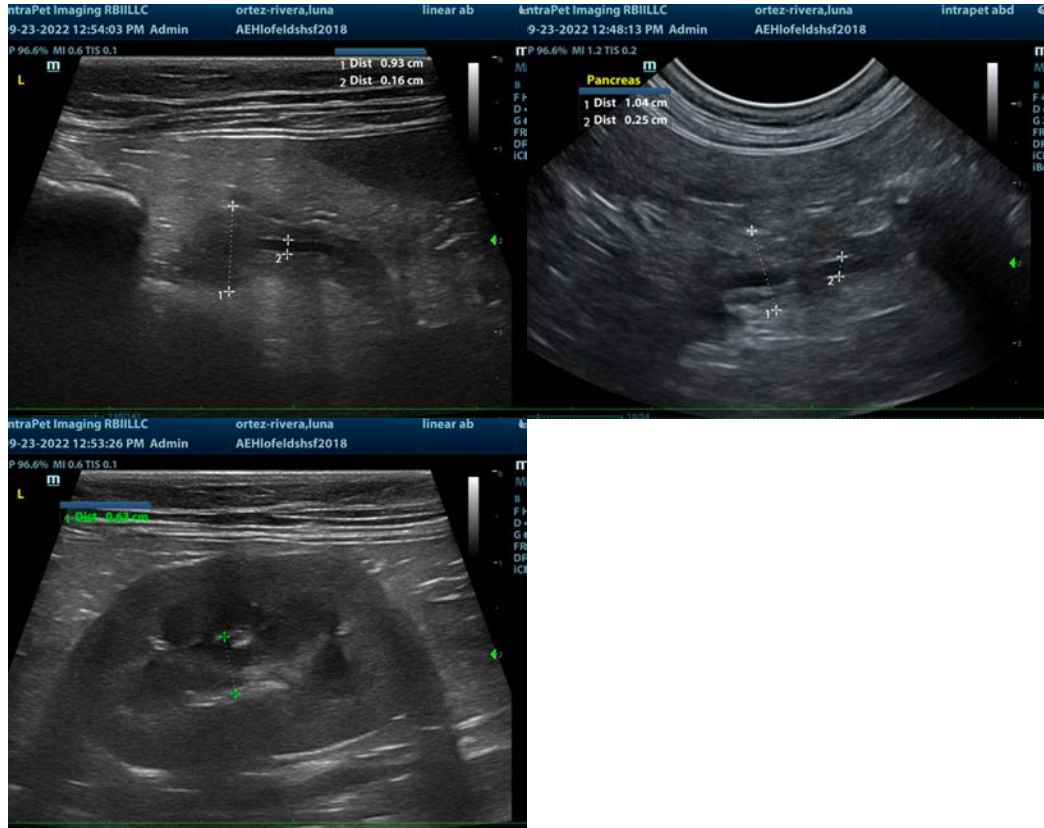
ULTRASONOGRAPHIC FINDINGS

- Chronic pancreatic changes
- Hepatic lipidosis pattern
- Left renal pyelectasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver warranted to confirm suspicion of lipidosis. Subxiphoid palpation is recommended to assess for pain or discomfort associated with the pancreas. Chronic active pancreatitis with secondary lipidosis likely. Minor potential for underlying more significant disease in the liver. FNA of the liver indicated to confirm lipidosis and assess any inflammatory cell type. Lipidosis and pancreatitis protocol warranted in the meantime. Urinary workup warranted, given the minor renal pyelectasia, to rule out underlying UTI.





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.

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