

**DATE PRESENTING CLINICAL SIGNS**

8.5.2022 Mild bilirubin elevation on pre-dental blood panel. Persistent, despite Ursodiol.

PATIENT

Sin-Jaba Kane
 Current Medications: Ursodiol 300mg SID since 6/23.
 Lab Results: Tbili results 0.8, 1.3, 1.7.
 Date of Previous IntraPet Ultrasound: No previous.
 Sedation: Patient sedated with Dexdomitor.
 Stat Report: Not requested.

SPECIES

Canine

Imaging Performed By: Andi Parkinson, BS, RDMS.

BREED

Carolina Dog

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The **urinary bladder** wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Spayed Female

The **left kidney** is normal size (5.52cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

AGE

3/30/2015

The **right kidney** is normal size (5.49 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

43lbs

Adrenal Glands

The **left adrenal gland** is normal size (0.48 cm at cranial pole) (0.62 cm at caudal pole) (1.88 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DMV,
 Diplomate DACVIM
 (Small Animal
 Internal Medicine)

The **right adrenal gland** is normal size (0.48 cm at cranial pole) (0.45 cm at caudal pole) (1.74 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Timonium Animal
 Hospital

Spleen

The **spleen** is normal in size (1.87 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 is normal.

REFERRING VET

Dr. Stephens

Liver

The **liver** is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

INVOICE

11349

The **gall bladder** lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

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 thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

Pancreas

The region of the **pancreas** is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Free Abdomen

The **peritoneal cavity** is normal. There is no evidence of inflammation or effusion. The abdominal **lymph nodes** are normal/not visible.

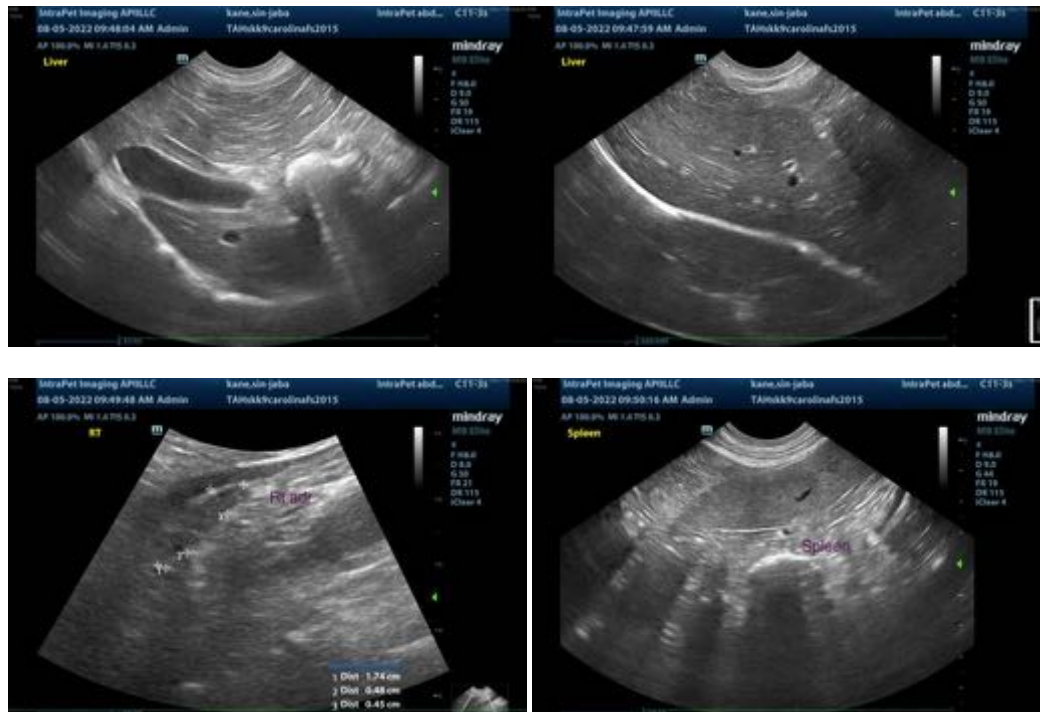
ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Minor bilateral age-related renal changes. The abdomen is otherwise unremarkable.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A mildly elevated total bilirubin in the face of a normal hematocrit and normal liver enzymes typically indicates artifact (i.e., hemolysis) during sampling. To help rule out this possibility, perform a jugular venipuncture using a vacutainer and run a total bilirubin on the blood sample collected. If the value is still elevated, and no hemolysis is present, consider pre-and postprandial serum bile acids to assess hepatic function.





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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