



PATIENT PRESENTING CLINICAL SIGNS

Bertha Sinegal Acute abd restless panting, concern for abnormalities to spleen Current meds P-Lyte Metro Unasyn, Buprenex. Bloodwork normal including cPL and 4DX.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine *Urinary System*

BREED The urinary bladder is moderately distended. The wall is normal in thickness. A 3.47 cm mineralized focus/calculus is observed within the lumen. The remaining luminal contents are mostly anechoic. The region of the trigone and visible portion of the proximal urethra are normal.

Akita

SEX

Female, spayed

The left kidney is normal size (7.15 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. Trace pyelectasia is present. There is no evidence of nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

7 Yrs.

The right kidney is normal size (7.35 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

103.5 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.64 cm at cranial pole) (0.61 cm at caudal pole) (1.72 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, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

The right adrenal gland is normal size (1.23 cm at cranial pole) (0.77 cm at caudal pole) (2.37 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.

IMAGING PERFORMED BY

Jenn

Spleen

The spleen is subjectively normal in size (2.71 cm in width at the level of the hilus) with a folded contour and normal curvilinear peripheral margins. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

Rockaway AH

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. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

REFERRING VET

Dr. Ascot

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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal

DATE

8/21/21



PATIENT

Bertha Sinegal

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. No obstructive disease is noted.

SPECIES

Canine

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.

BREED

Akita

Free Abdomen

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

SEX

Female, spayed

ULTRASONOGRAPHIC FINDINGS

AGE

7 Yrs.

- Large cystic calculus.
- The trace pyelectasia in the left kidney could be consistent with IV fluid therapy, age-related remodeling, pyelonephritis, other. Correlation with clinical findings is recommended.
- The remainder of the abdomen is unremarkable.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

- A urine culture and sensitivity is recommended to assess for pyelonephritis.
- A cystotomy with stone removal, analysis and culture is recommended. Alternatively, medical dissolution of the stones can be considered with a prescription renal diet and broad-spectrum antibiotic therapy. If there is no improvement in stone size after 4 weeks of therapy, a cystotomy should be reconsidered. If the stone size is reduced, continue therapy until complete dissolution has been achieved.
- Thorough orthopedic and neurologic evaluations are recommended to assess for non-abdominal causes of pain/discomfort.
- Consider three-view thoracic radiographs to assess cardiopulmonary status and to assess for occult esophageal disease.

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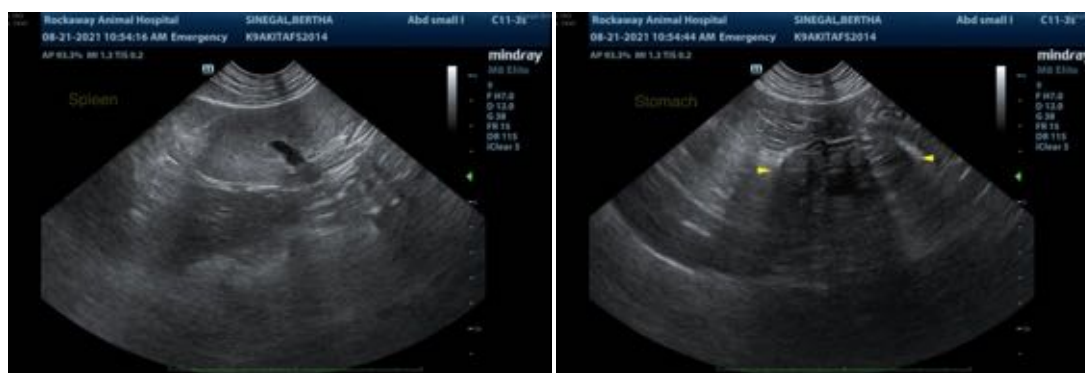
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the



PATIENT

image/video clips provided.

Bertha Sinegal

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

Canine

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Andrea.nicastro@sonopath.com

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