

PATIENT

Mia Watkins

PRESENTING CLINICAL SIGNS

Patient presents for one event of "not herself", otherwise no clinical signs. Geriatric scan/cancer hunt. Abnormal PE/Chem/CBC/UA Results: U/A: persistent calcium oxalate crystals.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and visible pelvic urethra were of normal thickness. The ureters were not visible which is normal. There was normal wall layering with no masses, uroliths or abnormal thickening visualized. Urine was anechoic. No evidence of inflammatory or neoplastic changes were noted.

BREED

Portugese Water Dog

SEX

Spayed female

The kidneys were both normal size and structure, with smooth capsule and normal corticomedullary definition and ratio (cortex 1/3 of medulla). Medullary structure differed distinctly from that of the cortex. No evidence of pelvic dilation was present. The right kidney measured 5.2 cm. The left kidney measured 6.1 cm.

AGE

8 years

Adrenal Glands

WEIGHT

44.5 lbs

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 3.11 cm in length and 0.69 cm at the cranial pole and 0.7 cm at the caudal pole. The right adrenal gland measured 3.42 cm in length 1.3 cm at the cranial pole and 0.73 cm at the caudal pole.

INTERPRETED BY

Dr Brittany Sinclair, BVSc(hons), DACVECC

Spleen

IMAGING PERFORMED BY

Kelly Vazquez, CVT

The spleen was normal with a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma and smooth capsule, with normal splenic vasculature with no signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarct changes were noted.

HOSPITAL NAME

Companion AH

Liver

REFERRING VET

Dr. Tsai

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. Gallbladder is moderately distended with normal wall thickness and anechoic contents. Common bile duct is non-distended and tapers normally

INVOICE

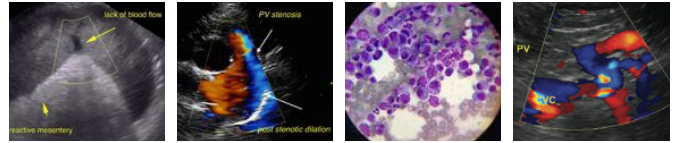
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Gastrointestinal

DATE

3/7/23

The stomach contains minimal luminal contents. It measures at a normal thickness of with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.



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The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SPECIES

Canine

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness.

BREED

Portugese Water Dog

Sections of colon are visualized with soft/diarrhea fecal material distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

SEX

Spayed female

The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour and parenchyma were normal. No overt evidence of active inflammatory or neoplastic disease was noted.

AGE

8 years

Lymph Nodes

No clinically significant lymphadenopathy or abnormalities noted.

WEIGHT

44.5 lbs

Free Abdomen

No masses or free fluid were noted.

INTERPRETED BY

Dr Brittany Sinclair,
BVSc(hons), DACVECC

ULTRASONOGRAPHIC FINDINGS

Primary Findings

IMAGING PERFORMED BY

Kelly Vazquez, CVT

1. Diarrhea
2. Normal abdomen

HOSPITAL NAME

Companion AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no ultrasonographically evident cause of ADR in this abdominal study. No signs of neoplasia or significant changes to organ structure suggestive of disease. Colonic contents are consistent with pending diarrhea. Pancreas and GI tract are otherwise within normal limits. Consideration for dietary indiscretion, food sensitivity/allergy or mild inflammatory bowel disease is reasonable. While not sonographically evident, pancreatitis cannot be completely ruled out. If signs are persistent or recurrent, additional diagnostics to be considered include GI panel (TLI/PLI/cobalamin/folate), baseline cortisol +/- ACTH stimulation test, fecal pathogen panel, thyroid testing, bile acid profile, and thoracic radiographs to rule out occult neoplasia, cardiac disease and esophageal disease as potential causes.

REFERRING VET

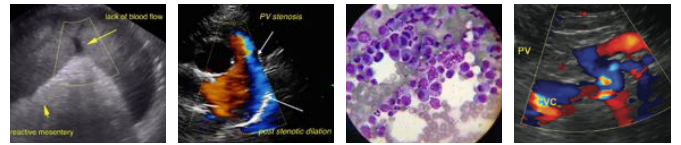
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BREED

Portugese Water Dog

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WEIGHT

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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.

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.

Dr Brittany Sinclair, BVSc(hons), DACVECC
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