



PATIENT PRESENTING CLINICAL SIGNS

Sonya Garcia
Patient presented to the hospital due to loss of appetite, diarrhea and vaginal discharge. Patient was BAR at presentation, small amount of vaginal discharge was shown on picture and patient had been eating less than usual for the past few days and drinking excessive amount of water. Bloodwork was unremarkable and abdominal ultrasound was recommended due to possible pyometra.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Pit Bull

****The submitted study contained 27 still images and 4 videos for review.**

Urinary System

The urinary bladder was normal in size and tone. Mild anechoic urine present. No overt evidence of sediment, calculi, inflammatory or neoplastic mural changes.

SEX

Female

The area of the aortic trifurcation was free of pathology.

AGE

9 Years

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The kidneys measured 7.0 cm each.

Adrenal Glands

The left adrenal gland was overtly normal in size, position, and shape, subjectively measuring 0.62 cm at the caudal pole. The right adrenal gland was not definitively visualized.

WEIGHT

76.2 Pounds

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

IMAGING PERFORMED BY

Dr. Kim

HOSPITAL NAME

Ridgefield Park AH

Gastrointestinal

The stomach presented intact and sonographically unremarkable visualized wall layering. Ventral gastric body wall measured 0.36 cm. The lumen of the stomach contained moderate ingesta exhibiting subtle progressive distal acoustic shadowing.

REFERRING VET

Dr. Chun

INVOICE

42295

The small intestine was not definitively visualized.

The visualized segments of distal descending colon in the area of the urinary bladder appeared to contain suggestive formed fecal matter.

DATE

10/22/22



PATIENT

Pancreas

Sonya Garcia

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Canine

Other

The visualized uterus exhibited potential for mild prominent size, measuring 1.57 cm in width. It exhibited empty lumen without evidence of overt luminal fluid accumulation. The left and right ovaries were not definitively visualized.

BREED

Pit Bull

No overt evidence of peritoneal effusion or visualized lymphadenopathy.

SEX

Female

- Subjective mildly prominent uterus without overt uterine fluid accumulation
- Gastric ingesta

AGE

9 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The visualized uterus was non-specific yet exhibited subjective mild prominent size, which potentially could indicate normal patient variant or estrus if clinically applicable. Potential for endometrial hyperplasia or potential endometritis, given the presence of mild reported vaginal discharge. The uterus appearance was not classic for definitive pyometra, although emerging low-grade pyometra cannot be definitively excluded in this case.

WEIGHT

76.2 Pounds

The presence of gastric ingesta likewise is non-specific and may indicate recent meal ingestion. However, given reported inappetence, some degree of metabolic versus mechanical gastric stasis could be present. Monitoring for evidence of gastric emptying versus persistent retained gastric ingesta is recommended.

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A resting cortisol level could be considered to assess for or rule out occult Addison's disease.

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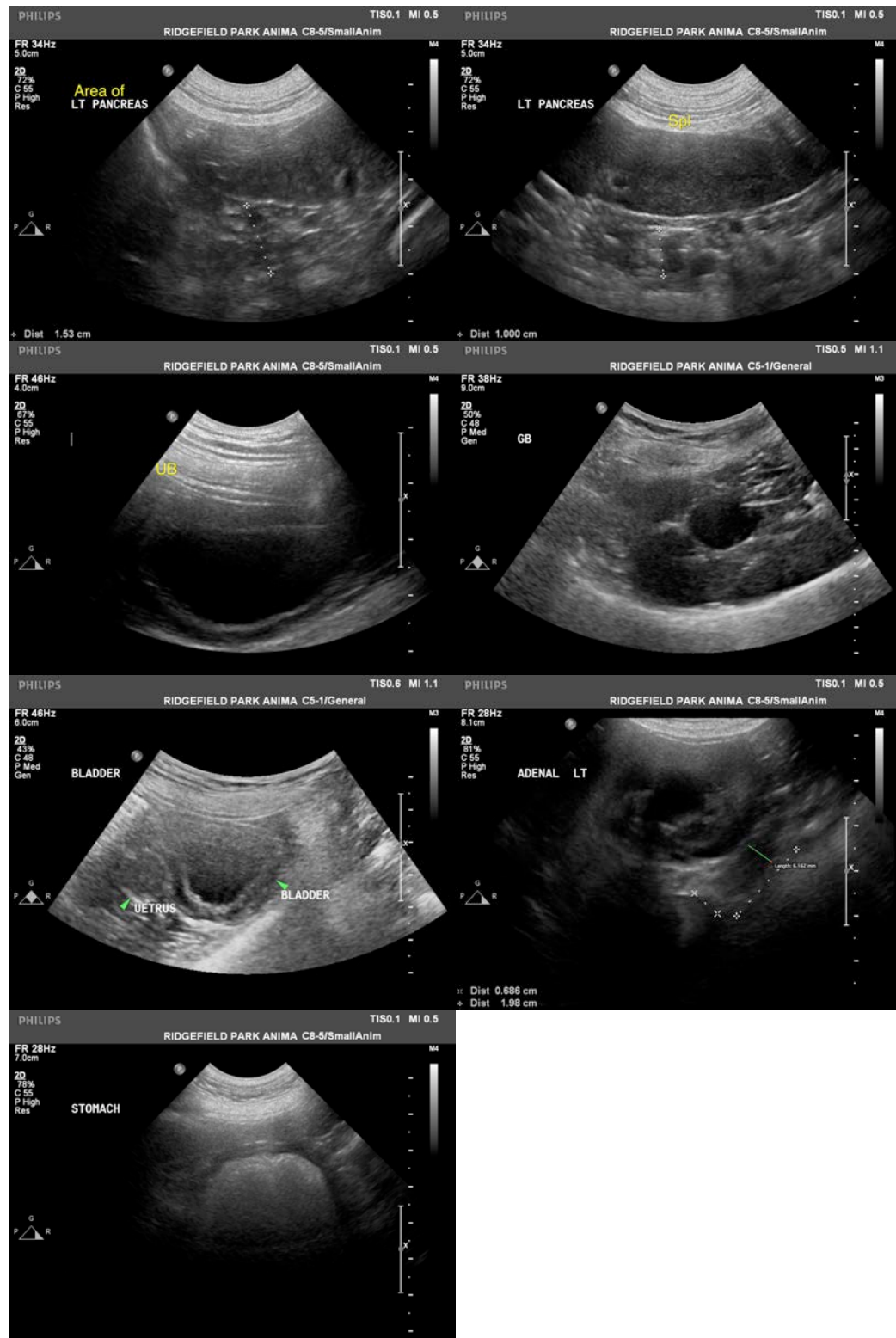
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PATIENT

Sonya Garcia

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.

SPECIES

Canine

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

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