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Clinical Sonography & Telecytology
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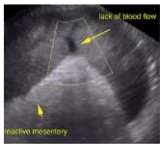

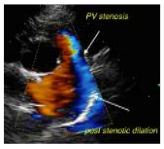

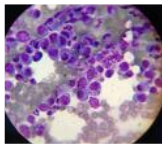
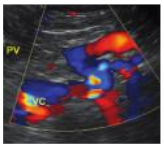

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Atlas Priest

SPECIES

Canine

BREED

Lab

SEX

Male Neuter

AGE

8

WEIGHT

40 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

SAVE

REFERRING VET

Dr. Thomas

INVOICE

14240

DATE

7/6/22

PRESENTING CLINICAL SIGNS

Multiple subcutaneous masses the 2 largest one adjacent to the sheath and the second on the left thorax- palpate like lipomas. Non clinical
Abnormal PE/Chem/CBC/UA Results: None recent

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.3 cm in diameter.

The area of the aortic trifurcation was free of pathology.

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 left kidney measured 7.0 cm in length. The right kidney measured 6.2 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.43 cm width at the caudal pole and 0.4 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.50 cm width at the caudal pole and 0.41 cm width at the cranial pole.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted. Potential for mild splenic folding, which is likely a patient variant and not considered pathological, was present.

Liver/ Gallbladder

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 mild, echogenic, nonmineralized biliary sludge. The gallbladder debris is likely incidental unless evidence of cholestasis. The cystic duct and common bile ducts were normal without evidence of dilation.

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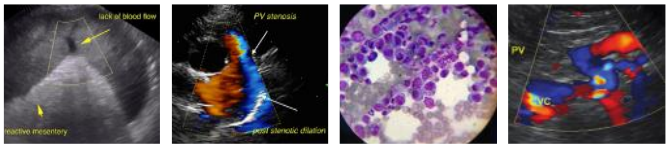

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate, variably echogenic, nonshadowing ingesta suggestive of recent meal Ingestion without signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Mild segmental chyme was present.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

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 were evident.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present. Several uniform symmetrical-appearing subcutaneous masses were present. The echogenicity and uniformity of the masses are consistent with fat. An example measured 6.0-6.5 cm in diameter. The masses did not appear to Invade the peritoneal cavity.

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable abdomen
- Uniform subcutaneous masses suggestive of fat echogenicity - consistent with probable benign lipomas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of abdominal visceral pathology was noted.

Assessment of hepatic enzymes may be considered for evidence of cholestasis. Hepatosupportive medications are suggested if cholestasis is noted.

Ultrasound-guided FNA of the subcutaneous masses for definitive assessment could be considered.

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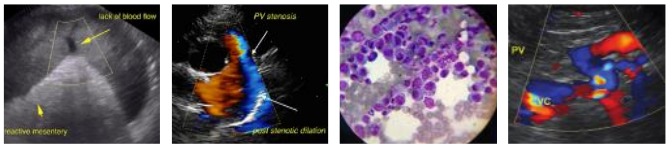

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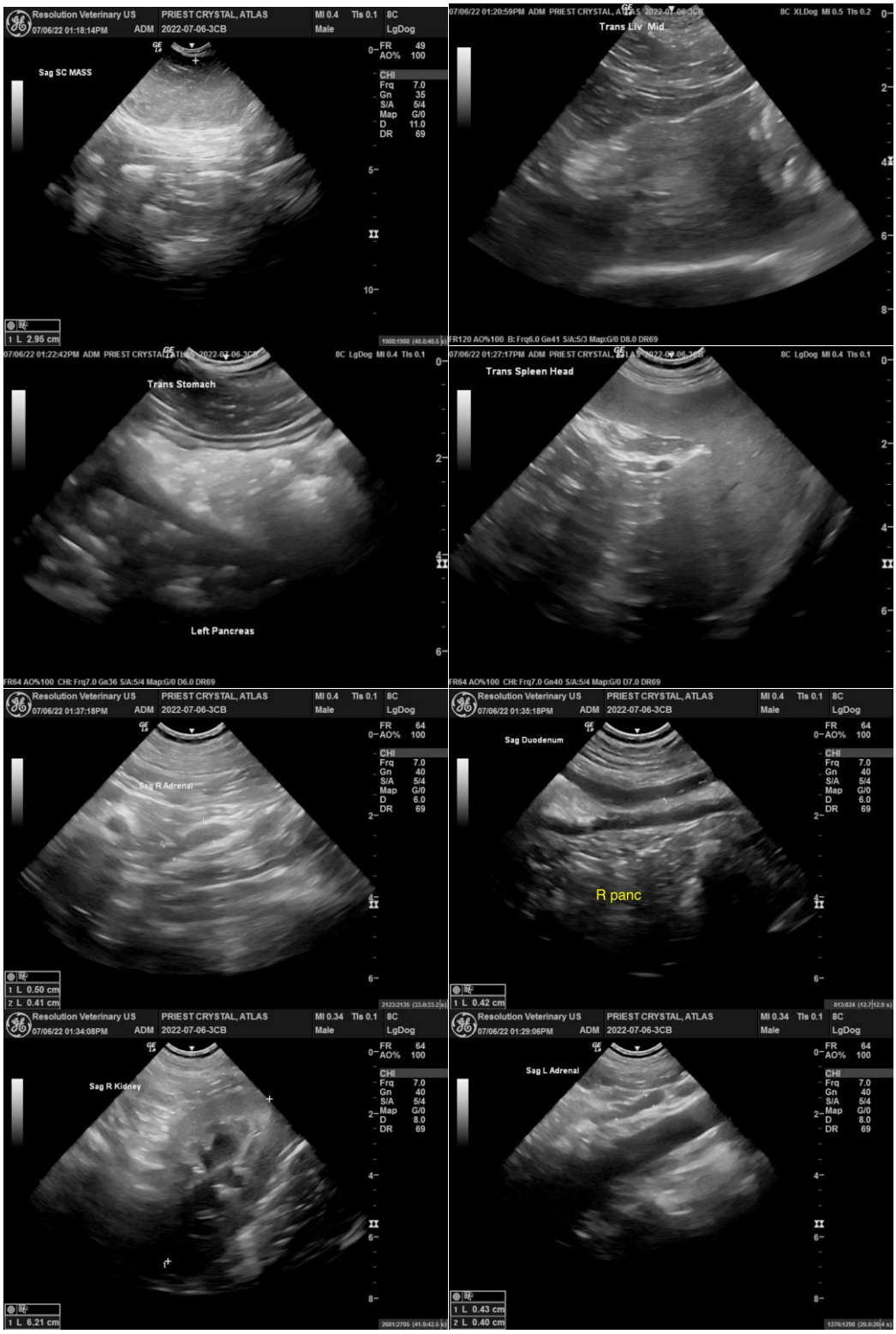

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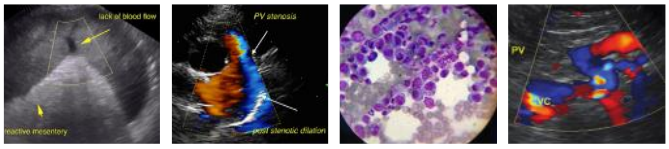

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com