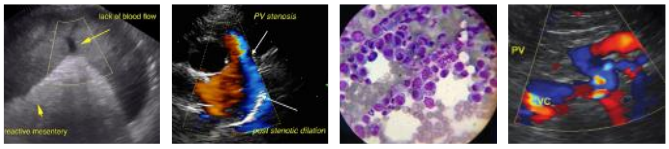
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Ishta Czpionka

SPECIES

Canine

BREED

Belgian Shep

SEX

F/S

AGE

17

WEIGHT

18.7 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Legacy VC

REFERRING VET

Dr. Jajouei

INVOICE

16732

DATE

5/2/23

PRESENTING CLINICAL SIGNS

Splenic mass seen onPOCUS

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

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 was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.6 cm in length. The right kidney measured 6.4 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 0.68 cm width at the caudal pole and 0.49 cm width at the cranial pole. The right adrenal gland was indistinctly visualized yet no overt pathology was noted. The right adrenal gland subjectively measured 0.39 cm width at the caudal pole.

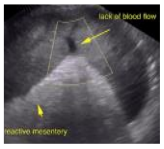
Spleen

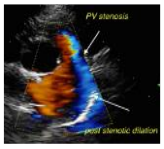
A moderately sized to expansive mass involving the caudal spleen resulting in distortion of the regional splenic capsule was present measuring ≈5.0-6.0 cm in diameter. The parenchyma of the mass was nonhomogeneous to nodular, mixed echogenic without areas of cavitation. Concurrent separate nondisruptive hypoechoic splenic nodules were present with an example measuring 0.66 cm in diameter. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

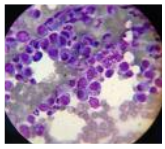
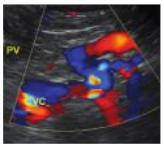
Liver/ Gallbladder

The liver exhibited generalized enlargement with normal structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature was normal in appearance without signs of congestion. Mild to moderately sized nonhomogeneous mid-liver mass was present measuring ≈6.0-7.0 cm in diameter. The gallbladder was non-distended in size containing anechoic content with mild, nonorganized gallbladder debris primarily in the caudal lumen and area of the gallbladder neck. No evidence of peripheral gallbladder inflammation was noted. The cystic and common bile ducts were normal.

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





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

PATIENT

Ishta Czpionka

SPECIES

Canine

BREED

Belgian Shep

SEX

F/S

AGE

17

WEIGHT

18.7 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Legacy VC

REFERRING VET

Dr. Jajouei

INVOICE

16732

DATE

5/2/23

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

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

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, consistent with age-related pancreatic changes and incidental. No signs of active inflammation or neoplasia.

Free Abdomen

No omental masses, evidence of lymphadenopathy, or peritoneal effusion were noted.

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

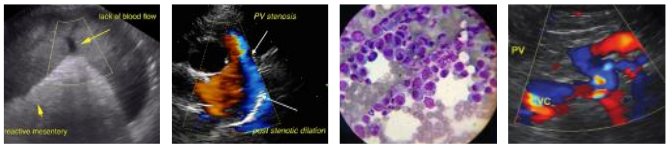
- Nonhomogeneous mixed echogenic splenic mass to possible coalescing masses with concurrent separate nondisruptive splenic nodules
- Nonhomogeneous liver with mid-intraparenchymal nonhomogeneous mass
- Mild gallbladder debris (non-mucoele)
- Moderate chronic renal changes
- Mild pancreatic remodeling
- Mild urinary bladder sediment

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The splenic mass is nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). Neoplastic criteria is favored. The concurrent hepatic mass may indicate benign etiology, i.e., hyperplasia, hematopoiesis, granuloma, etc., although concurrent primary or potential metastatic hepatic neoplasia is possible.

Assuming normal clotting status, screening hepatic mass FNA cytology could be considered for further clarification. If no evidence of hepatic neoplastic criteria, laparotomy with expectation towards splenectomy and with liver biopsies, assuming normal clotting status and without evidence of thoracic pathology on three view chest radiographs, could be considered.

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Ishta Czpionka

SPECIES

Canine

BREED

Belgian Shep

SEX

F/S

AGE

17

WEIGHT

18.7 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Legacy VC

REFERRING VET

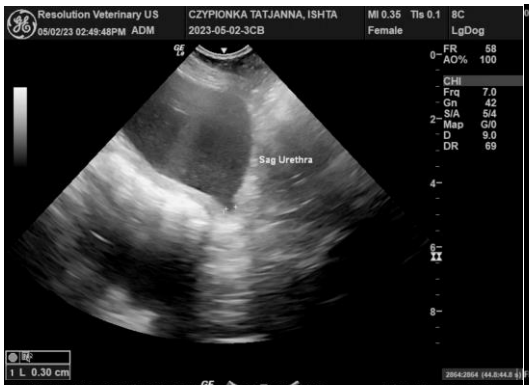
Dr. Jajouei

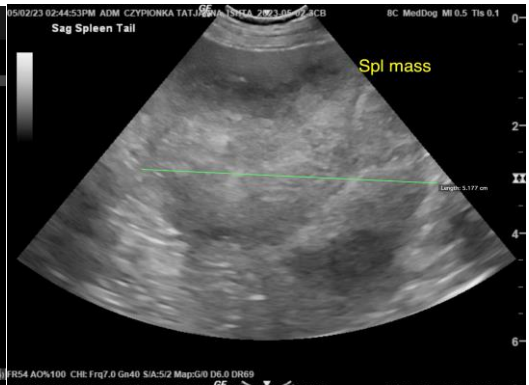
INVOICE

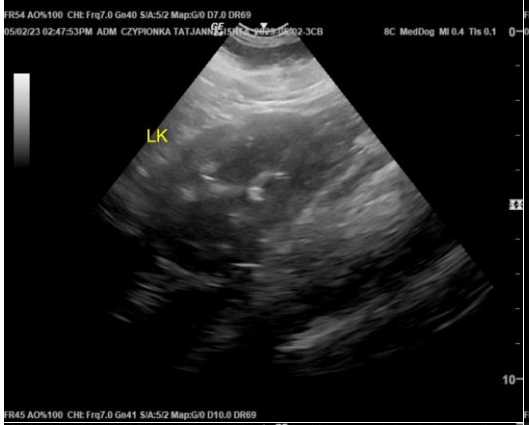
16732

DATE

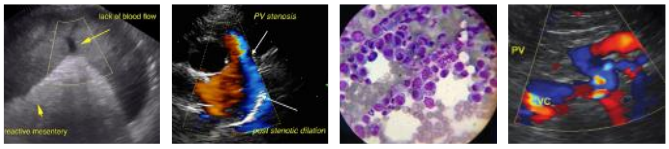
5/2/23







SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Ishta Czpionka

SPECIES

Canine

BREED

Belgian Shep

SEX

F/S

AGE

17

WEIGHT

18.7 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Legacy VC

REFERRING VET

Dr. Jajouei

INVOICE

16732

DATE

5/2/23

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