



PATIENT PRESENTING CLINICAL SIGNS

Sako Bourque Chronic low grade vomiting, ~ every 2 days for 5 weeks. Vomited water chestnuts up from stir fry 2 weeks after eating them. Good appetite. Vomit is usually digested food.
Abnormal PE/Chem/CBC/UA Results: Normal exam CBC: moderate eosinophilia (2.47), low cholesterol (2.72), mild high lipase (2101), mild high potassium (6.0, and mild low Na/K at 26; cPLi pending and ACTH stim test pending.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Nova Scotia Duck Tolling Retriever

Urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

Prostate (neutered) is normal in size, echotexture and echogenicity for a neutered male.

SEX

Neutered Male

Right kidney is normal in size (5.52 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

8 Years

Left kidney is normal in size (5.46 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Adrenal Glands

WEIGHT

17.3 kg

Right adrenal gland is subjectively small in size for this breed of dog (0.36 cm at cranial pole and 0.31 cm at caudal pole), with normal shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Left adrenal gland is subjectively small in size for this breed of dog (0.31 cm at cranial pole and 0.34 cm at caudal pole), with normal shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Spleen

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

HOSPITAL NAME

Cedarview AH

Liver

REFERRING VET

Dr. Nigel Gumley

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

INVOICE NUMBER

33967

DATE

1/4/22



PATIENT

Sako Bourque

Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

SPECIES

Canine

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

BREED

Nova Scotia Duck
Tolling Retriever

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

SEX

Neutered Male

Pancreas

Pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

AGE

8 Years

Free Abdomen

There is no evidence of peritoneal effusion. Medial iliac lymph nodes and mesenteric lymph nodes are mildly plump, most likely reactive.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

17.3 kg

- Subjectively small/flat adrenal glands – Rule outs include normal variant versus hypoadrenocorticism.
- Reactive lymphadenopathy

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given this patient's breed, clinical signs, laboratory changes, and ultrasound findings, hypoadrenocorticism is the top differential, and recommendations include the reportedly already pending ACTH stimulation test. The eosinophilia is likely secondary to hypoadrenocorticism. However, given the reactive lymphadenopathy, empirical deworming with a 4 day course of Panacur is also recommended.

HOSPITAL NAME

Cedarview AH

Depending on how long the ACTH stimulation test takes for results to be received, and given the high index of suspicion for hypoadrenocorticism and the clinical consequences of untreated hypoadrenocorticism, empirical physiologic to anti-inflammatory steroids as well as Aldosterone in the form of DOCP could be considered in the meantime.

REFERRING VET

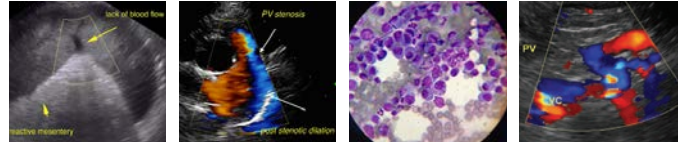
Dr. Nigel Gumley

INVOICE NUMBER

33967

DATE

1/4/22



PATIENT

Sako Bourque

SPECIES

Canine

BREED

Nova Scotia Duck
Tolling Retriever

SEX

Neutered Male

AGE

8 Years

WEIGHT

17.3 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

HOSPITAL NAME

Cedarview AH

REFERRING VET

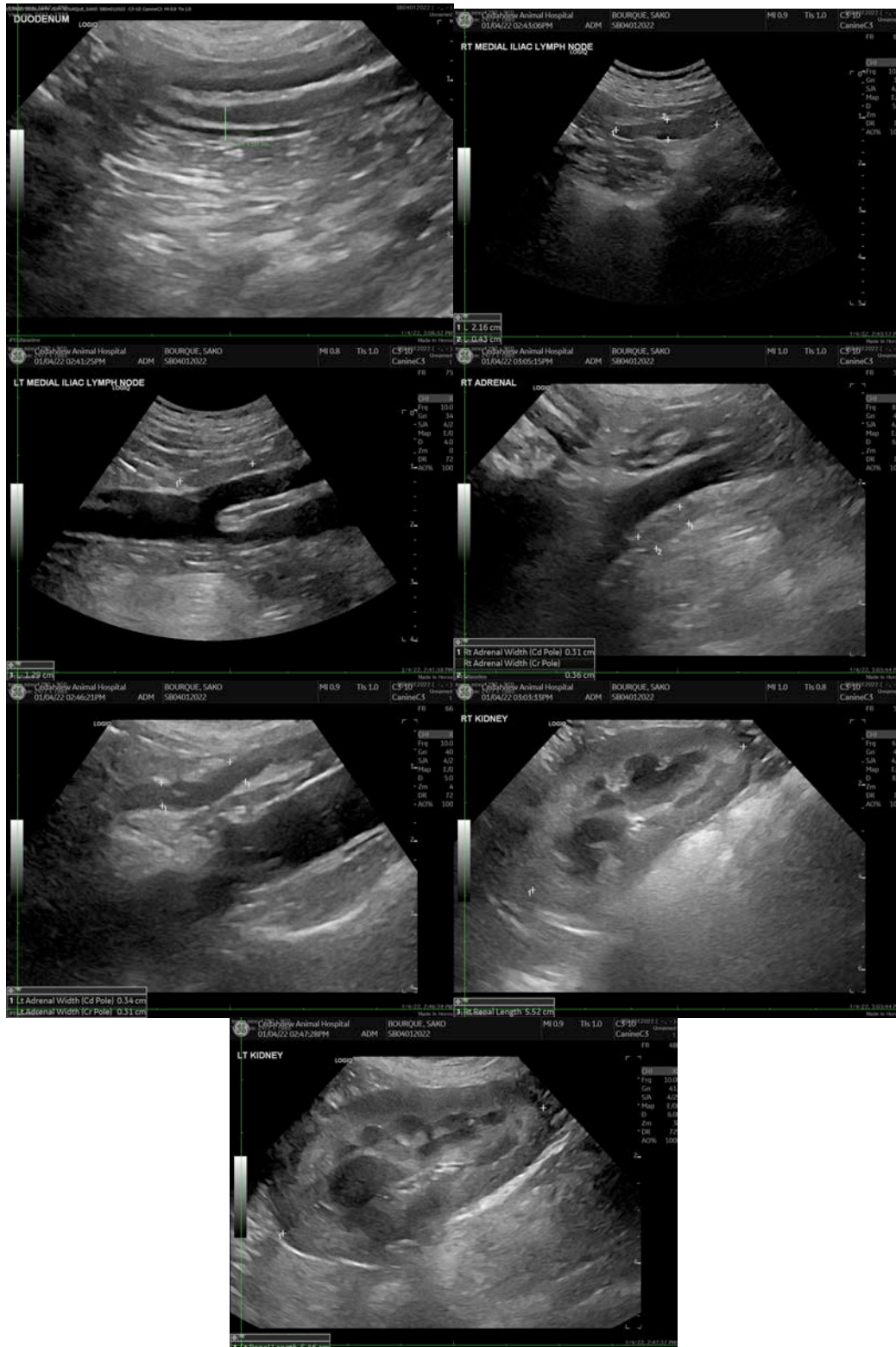
Dr. Nigel Gumley

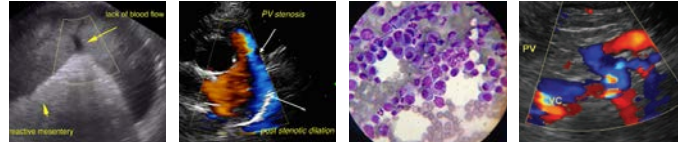
INVOICE NUMBER

33967

DATE

1/4/22





PATIENT

Sako Bourque

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 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.

BREED

Nova Scotia Duck
Tolling Retriever

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com

SEX

Neutered Male

AGE

8 Years

WEIGHT

17.3 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

HOSPITAL NAME

Cedarview AH

REFERRING VET

Dr. Nigel Gumley

INVOICE NUMBER

33967

DATE

1/4/22