

Portable Animal Wellness Sonography, Inc.

PATIENT

BellaHart Doncal

SPECIES

Canine

BREED

Labrador Retriever

PRESENTING CLINICAL SIGNS

History: Patient's name: Bella Hart Owner's first and last name: Sandra Doncal Species: Canine Gender (altered?): FS Age: 7 Yrs 4 mos Weight in #: 49#'s Breed: Labrador mix Chief Concern/Provisional Dx: Very pu/pd, weight loss, elevated HCT, RBC, Hgb History: Bella has been drinking drastic amounts of water. She is on Proin which doesn't seem to control her bladder well enough. More recently she is eating less and loosing weight Physical : Unremarkable exam findings except for weight loss. Senior Screen : Elevated HCT (63%), RBC 8.88 M/uL (5.39-8.7), Hgb 22.4 (13.4-20.7 g/dl). Creatinine 1.8 (0.5-1.5 mg/dl), Globulins 4.2 (2.4-4.0 g/dl), Anion Gap 28 (11-26 mmol/L), Urine sp gravity: 1.008 gm/dl Concerns for Diabetes insipidus, renal mass

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Spayed female

AGE

7 years 4 months

WEIGHT

49 pounds

Urinary System

The urinary bladder, trigone, cystourethral junction exhibited normal thickness and tone. The visible pelvic urethra exhibited mild decreased tone yet overall normal structure to a depth of 3 cm. 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 were noted.

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 5.8 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.82 cm width at the caudal pole and 0.59 cm width at the cranial pole. A subtle nonexpansive nodule was present in the caudal left adrenal gland measuring 0.88 cm x 0.65 cm. The right adrenal gland was uniform in size and contour with mild parenchyma heterogeneity and mild capsule asymmetry. The right adrenal gland measured 0.69 cm width at the caudal pole and 1.0 cm width at the cranial pole.

INTERPRETED BY

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

IMAGING BY

 Loetitia Saint-Jacques,
 LVT

HOSPITAL NAME

Marysville Veterinary

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.

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 moderate inspissated hyperechoic yet nonmineralized debris. No evidence of gallbladder or peripheral inflammation. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Grace Berg

INVOICE

10137ag

DATE

03/07/2022



PATIENT

BellaHart Doncal

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.

SPECIES

Canine

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.

BREED

Labrador Retriever

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 was evident.

SEX

Spayed female

Free Abdomen

Intermittent mildly prominent to enlarged mesenteric and medial iliac lymph nodes were present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of medial iliac lymph node measured 2 cm x 0.69 cm. An example of mesenteric lymph node measured 3 cm x 0.47 cm.

AGE

7 years 4 months

No omental masses or evidence of peritoneal effusion were noted.

WEIGHT

49 pounds

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable urinary bladder with mild decreased proximal urethral tone-consistent with incontinence.
- Normal bilateral kidneys.
- Mild nonhomogeneous adrenal glands with subtle left adrenal nodule. The left adrenal nodule may indicate functional vs nonfunctional adenoma or hyperplasia with the possibility of emerging neoplasia in the right or left adrenal gland although thought less likely, cannot be definitively excluded.
- Moderate inspissated gallbladder debris-non mucocele.
- Sonographically unremarkable gastrointestinal tract/pancreas.
- Intermittent subjectively benign/reactive mesenteric and medial iliac lymphadenopathy-not consistent with inflammatory or neoplastic criteria.

INTERPRETED BY

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

IMAGING BY

Loetitia Saint-Jacques,
LVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Marysville Veterinary

Screening BP and full adrenal workup is warranted if there is clinical suspicion of underlying adrenal hyper functionality. Sonographic monitoring of the adrenals for progressive parenchymal changes with initial recheck in 4 weeks would be ideal.

REFERRING VET

Dr. Grace Berg

Overall, the liver was not overtly suggestive of steroid hepatopathy.

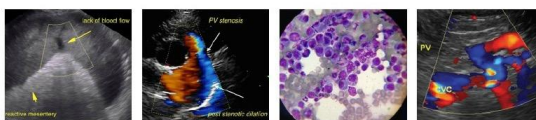
A full urinary workup including a urine C/S +/- baseline UPC if evidence of proteinuria is suggested. A leptospirosis titer/PCR may be considered.

INVOICE

10137ag

DATE

03/07/2022



PATIENT

BellaHart Doncal A GI panel to include PLI/TLI/Cobalamin/Folate as well as three view chest radiographs and neurological / musculoskeletal examination are recommended to assess for or rule out occult disease which may cause weight loss.

SPECIES

Canine

No overt evidence of intra-abdominal neoplastic criteria was noted.

BREED

Labrador Retriever

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

SEX

Spayed female

AGE

7 years 4 months

WEIGHT

49 pounds

INTERPRETED BY

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

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Marysville Veterinary

REFERRING VET

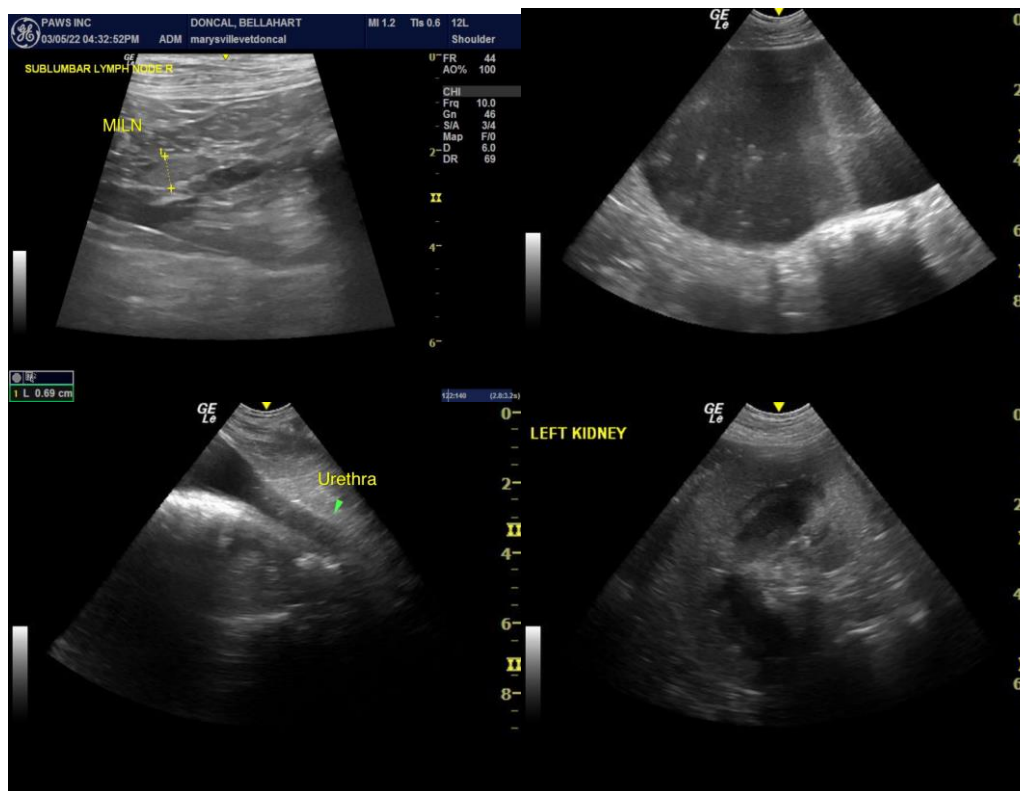
Dr. Grace Berg

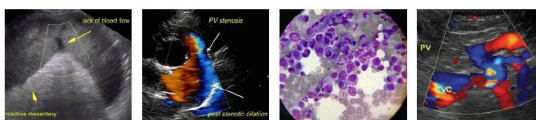
INVOICE

10137ag

DATE

03/07/2022





PATIENT

BellaHart Doncal

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed female

AGE

7 years 4 months

WEIGHT

49 pounds

INTERPRETED BY

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

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Marysville Veterinary

REFERRING VET

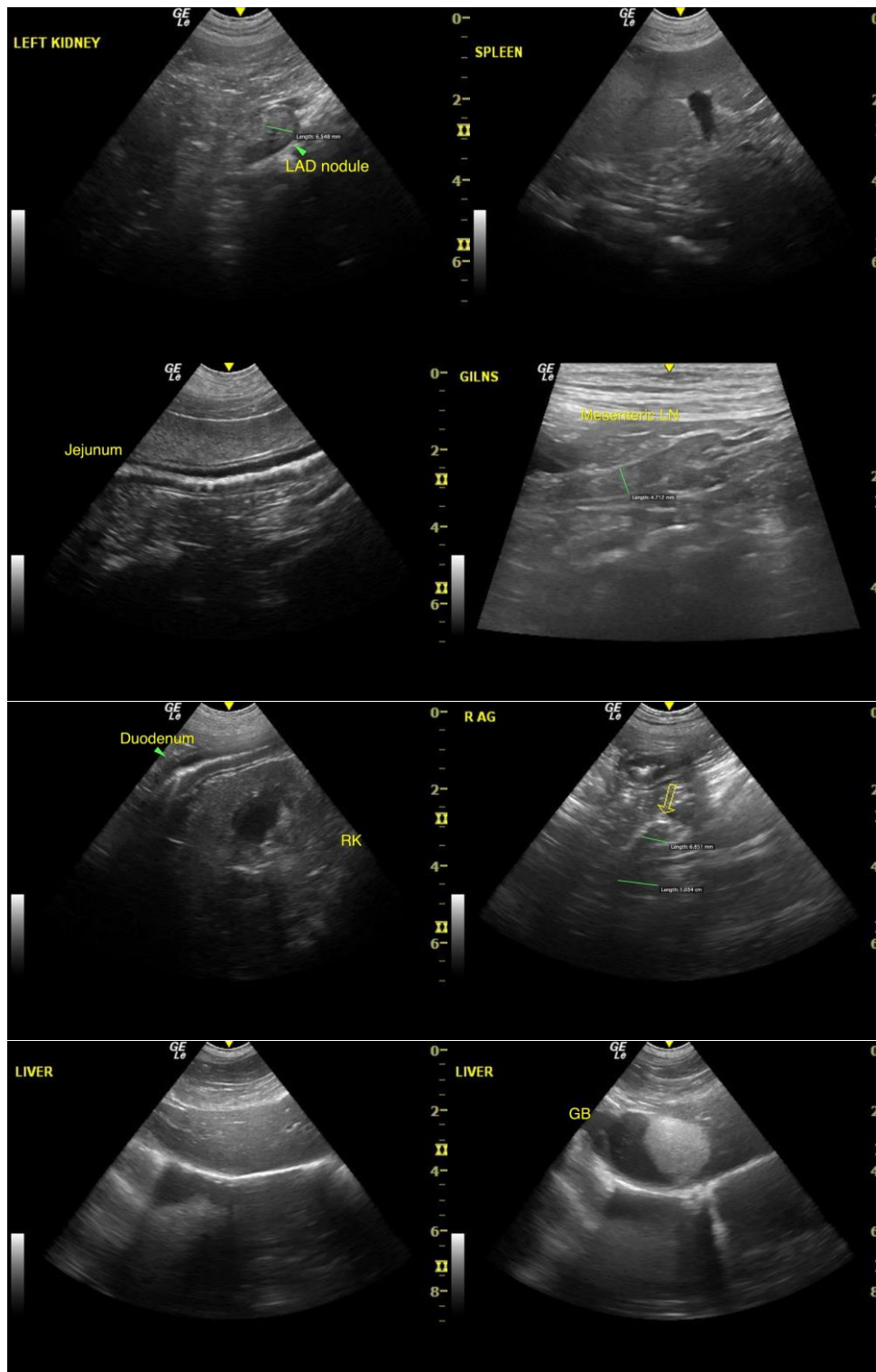
Dr. Grace Berg

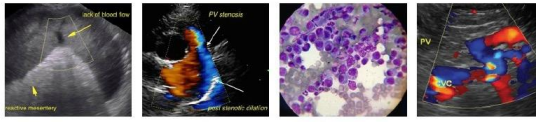
INVOICE

10137ag

DATE

03/07/2022





PATIENT

BellaHart Doncal

SPECIES

Canine

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.

BREED

Labrador Retriever

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

SEX

Spayed female

AGE

7 years 4 months

WEIGHT

49 pounds

INTERPRETED BY

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

IMAGING BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Marysville Veterinary

REFERRING VET

Dr. Grace Berg

INVOICE

10137ag

DATE

03/07/2022