



PATIENT PRESENTING CLINICAL SIGNS

Chara Levesque History: CKD, cardiac arrhythmia, hypothyroidism – on Sotalol, levothyroxine, and renal diet. Been stable diseases for several years. Acute onset hyporexia and intermittent vomiting.

SPECIES

Physical Examination: Normal, stable weight.

Canine

Urinalysis: Hyposthenuria, proteinuria, negative sediment.

BREED

CBC: Mild non-regenerative anemia.

American bulldog Mix

Serum Biochemistry: Progressive azotemia, elevated amylase and lipase, abnormal Snap cPL.

Radiographic Findings: N/A

SEX

MN

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

AGE

Urinary System

9½ years

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT

Normal trigone area, proximal urethra, and iliac blood vessels.

22.2 kg

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

Small left kidney (3.9 cm) and normal size of right (5.6 cm) both with increased echogenic appearance, loss of cortico-medullary differentiation, irregular capsule, no pyelectasia, and non-obstructive renoliths.

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

Reproductive System

IMAGING PERFORMED BY

Small hypoechogenic prostate.

Dr Lee Gregory, DVM

Adrenal Glands

HOSPITAL NAME

Normal shape, echogenic appearance, size, and position. Left 0.71 cm, right 2.17 x 0.7/0.86 cm.

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Spleen

REFERRING VET

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver

INVOICE

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

302798

Gastrointestinal

DATE

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

3/7/22



PATIENT *Pancreas*

Chara Levesque Normal size with a diffuse mottled echogenic appearance. Irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

American bulldog Mix

SEX Primary Findings:
MN • Renal disease.
• Pancreatitis.

AGE Secondary Findings:

9½ years • None.

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

22.2 kg The appearance of the kidneys is consistent with chronic kidney disease.

INTERPRETED BY The appearance of the pancreas is consistent with pancreatitis with fibrosis a differential diagnosis.

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Further assessment would be urine culture, blood pressure, cPL/PSL assay, and serum phosphate.

IMAGING PERFORMED BY From the history and the ultrasound appearance of the kidneys, this would appear to be progressive chronic kidney disease.

Dr Lee Gregory, DVM

Further specific therapy would be dependent on an etiological diagnosis. Additional therapy would be fluid therapy, gastric protectants (sucralfate, omeprazole), and enteric phosphate binders.

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PATIENT

Chara Levesque

SPECIES

Canine

BREED

American bulldog Mix

SEX

MN

AGE

9½ years

WEIGHT

22.2 kg

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IMAGES

Left kidney



Pancreas



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.

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.

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