



PATIENT PRESENTING CLINICAL SIGNS

Keanu Ota
Patient presents for weight loss. Owner feels weight loss has been sudden and rapid. Owner moved into a new house with a roommate and 2 other dogs. Owner does home cook diet with no supplementations. Owner is feeding 200grams of food per day but does not know calorie content of diet fed. Recommended consult with a boarded veterinary nutritionist to formulate a more balanced diet.

SPECIES

Canine

BREED

Boston Terrier

SEX

Intact Male

AGE

3 Years

WEIGHT

16.4 Pounds

Abnormal PE/Chem/CBC/UA Results: Lab work -NSF Ova and Parasite negative

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The 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 is normal in size for an intact male. Parenchyma is diffusely homogenous and relatively hyperechoic. Normal distinct margins and symmetrical bilobed shape are maintained.

The right kidney is normal in size (5.05 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.

The left kidney is normal in size (4.94 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

The right adrenal gland is normal in size (0.81 cm at the cranial pole and 0.71 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

The left adrenal gland is normal in size (0.51 cm at the cranial pole and 0.61 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Spleen

The 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.

Liver

The 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.

The 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.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Desert Hills AH

REFERRING VET

Dr. Michelle Caldwell

INVOICE

43601

DATE

12/20/22



PATIENT *Gastrointestinal*

Keanu Ota The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with 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

Boston Terrier

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

SEX

Intact Male

Pancreas

The 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

3 Years

Free Abdomen

WEIGHT

16.4 Pounds

There is no evidence of free peritoneal effusion noted in these images.

The mesenteric and medial iliac lymph nodes are prominent in size with swollen capsular contour. Normal elongated shape (length to width ratio) is maintained. There is no loss of parenchymal detail.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Both testicles are examined without evident pathology.

ULTRASONOGRAPHIC FINDINGS

- **Reactive mesenteric and medial lymph nodes** – infiltrative neoplastic disease cannot be ruled out but is considered less likely.
- Otherwise, unremarkable/normal abdomen without an ultrasonographically visible cause for this patient's reported weight loss.

IMAGING PERFORMED BY

Loetitia Saint-Jacques,
LVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Desert Hills AH

Given this patient's change in weight after a change in living arrangements and housemates, assessing caloric intake, especially investigating possible competitive eating habits, etc. is recommended. If caloric intake is adequate and the patient continues to lose weight, next recommended steps are:

REFERRING VET

Dr. Michelle Caldwell

A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function, followed by empirical deworming with a 5-day course of Panacur.

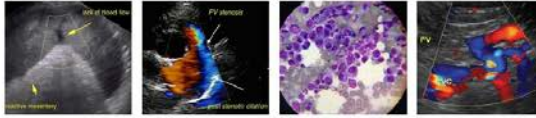
INVOICE

43601

In the meantime, regardless, increasing calories is recommended to prevent further weight loss and hopefully promote weight gain back to a healthy weight.

DATE

12/20/22



PATIENT

Keanu Ota

SPECIES

Canine

BREED

Boston Terrier

SEX

Intact Male

AGE

3 Years

WEIGHT

16.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Desert Hills AH

REFERRING VET

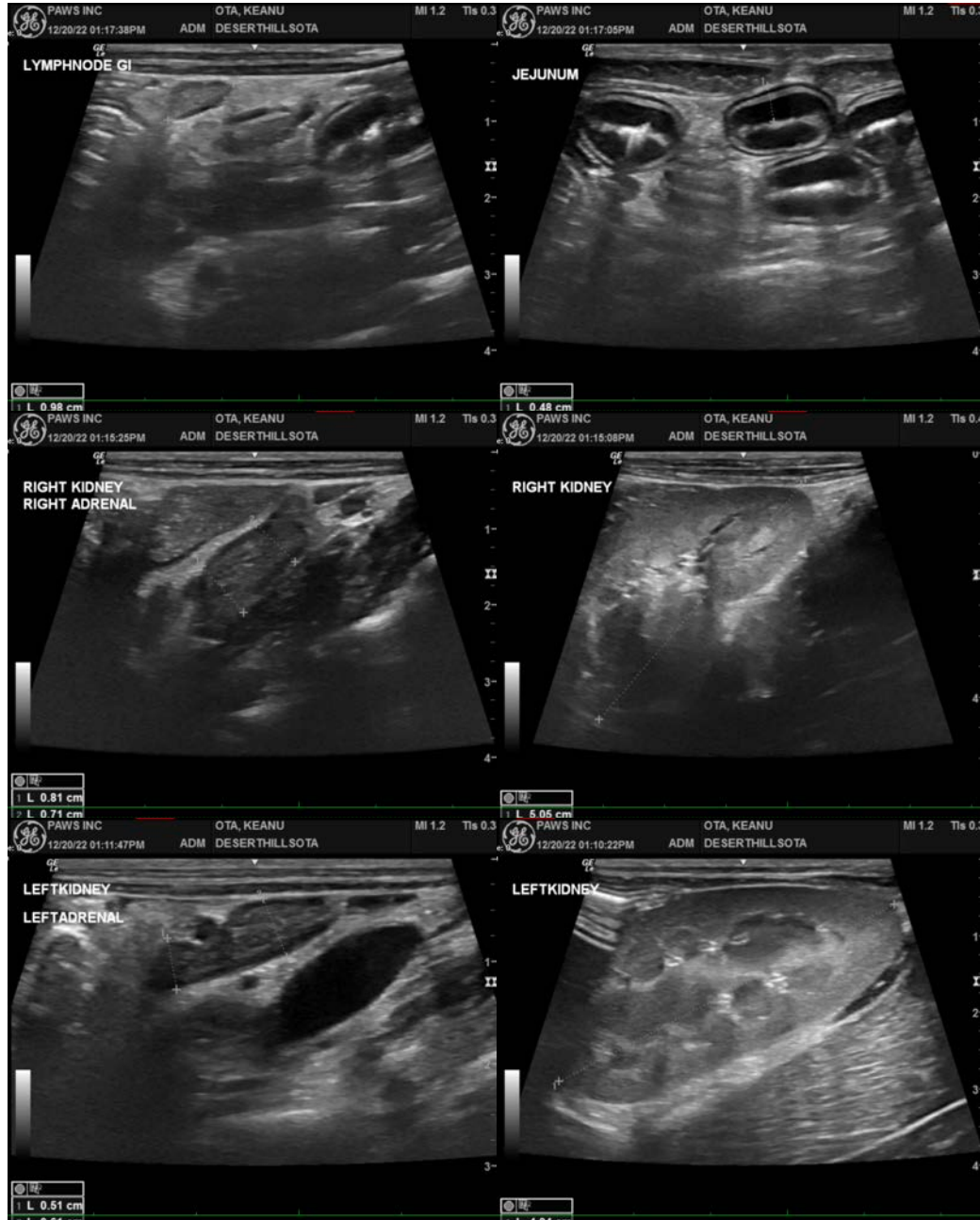
Dr. Michelle Caldwell

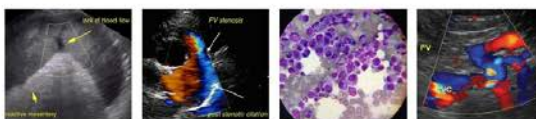
INVOICE

43601

DATE

12/20/22





PATIENT

Keanu Ota

SPECIES

Canine

BREED

Boston Terrier

SEX

Intact Male

AGE

3 Years

WEIGHT

16.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Loetitia Saint-Jacques,
LVT

HOSPITAL NAME

Desert Hills AH

REFERRING VET

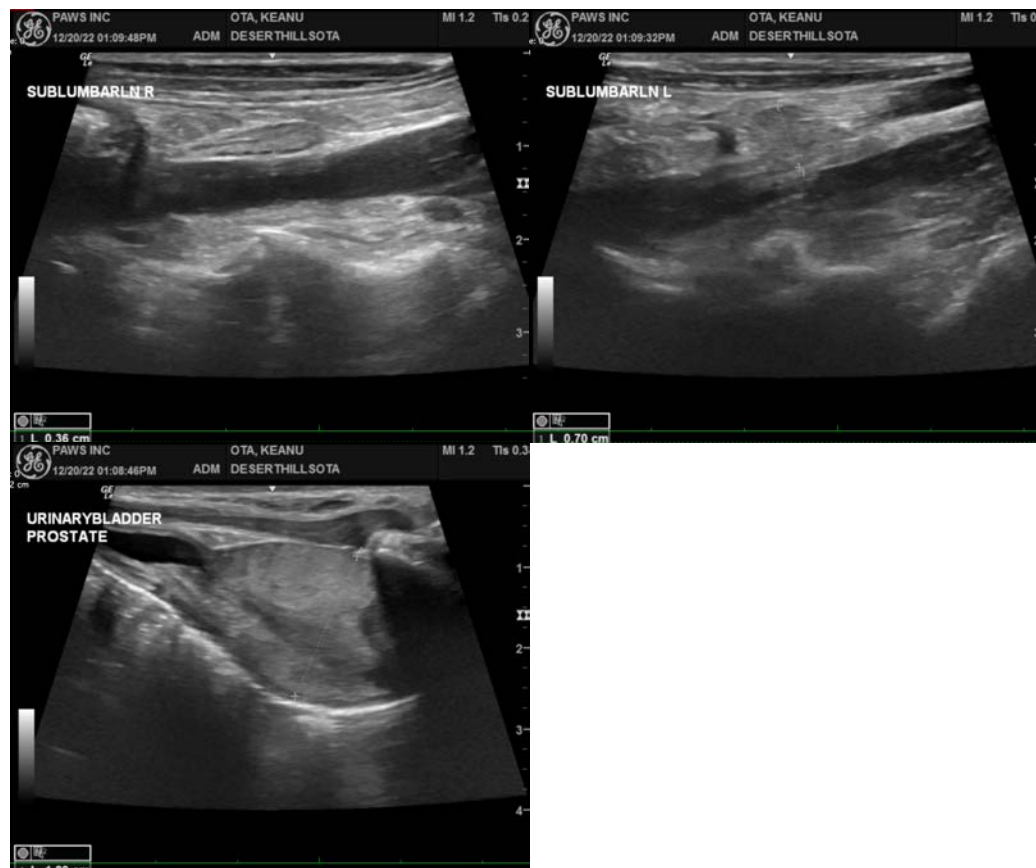
Dr. Michelle Caldwell

INVOICE

43601

DATE

12/20/22



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.

Beth Johnson, DVM, DACVIM

Beth.Johnson@sonopath.com