

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Griffey Fujihara History: Lethargy, hyporexia, hindlimb weakness. Mast cell tumor removed from prepuce at 1 year of age.

SPECIES Canine Physical Examination: N/A.

Urinalysis: N/A.

BREED Pitbull terrier CBC: Normal.

Serum Biochemistry: Elevated ALP and GGT activity and PSL. Hypoglycemia – most likely artifactual.

SEX MN Radiographic Findings: Lumbar-sacral disease.

AGE

12 years

WEIGHT

55.4 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Kenilworth Animal Hospital

REFERRING VET

Dr Mansour

INVOICE

303388

DATE

9/9/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 6.2 cm, right 7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, normal blood flow and capsule, and mild bilateral pyelectasia. Small cortical cyst in the left kidney. Two parenchymal masses in the right kidney – one in the middle (1.6 x 1.9 cm) with areas of calcification and the other one in the caudal pole (1.6 x 1.8 cm).

Reproductive System

Small hypoechogenic prostate.

Adrenal Glands

Left – normal shape, echogenic appearance, and position but enlarged – 3.10 x 0.97/1.46 cm, especially the caudal pole.

Right – normal shape, echogenic appearance, position, and size (2.72 x 0.74 cm).

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

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



PATIENT *Gastrointestinal*

Griffey Fujihara Normal appearance of the gastro-esophageal junction, stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Prominent hypoechoic appearance of the submucosal layer of the small intestine with normal thickness (0.46 cm), no loss of layering or distension of the lumen.

SPECIES

Canine

Pancreas

BREED

Pitbull terrier

Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

MN

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

AGE

12 years

Irregular mottled echogenic non-vascularized mass (2.2 x 2.8 cm) caudal to the urinary bladder.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

55.4 #

Primary findings:

- Caudal abdominal mass.
- Renal masses.
- Left adrenomegaly.

INTERPRETED BY

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

Secondary findings:

- Enteropathy?
- Age-related renal changes.

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Etiologies for the caudal abdominal mass would be neoplasia, granuloma, abscess, lymph node (infiltrative neoplasia, lymphadenitis).

Kenilworth Animal Hospital

Etiologies for the right kidney would be neoplasia, granuloma, abscessation.

REFERRING VET

Dr Mansour

Etiologies for the left adrenal would be disease, emerging Cushing's disease, and emerging neoplasia.

INVOICE

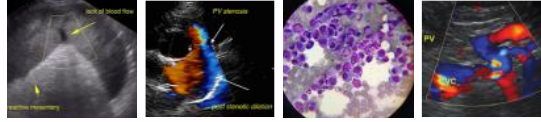
303388

Although the appearance of the small intestine is most likely incidental and age-related, inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity needs to be considered.

DATE

9/9/22

Further assessment/therapy needs to be based on the pending cytology results but could include 3-view thoracic radiographs, CT scan, adrenal function testing (ACTH stimulation/LDDS test), and laparotomy.



PATIENT IMAGES

Griffey Fujihara **Mass**

SPECIES

Canine

BREED

Pitbull terrier

SEX

MN

AGE

12 years

WEIGHT

55.4 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Kenilworth Animal Hospital

REFERRING VET

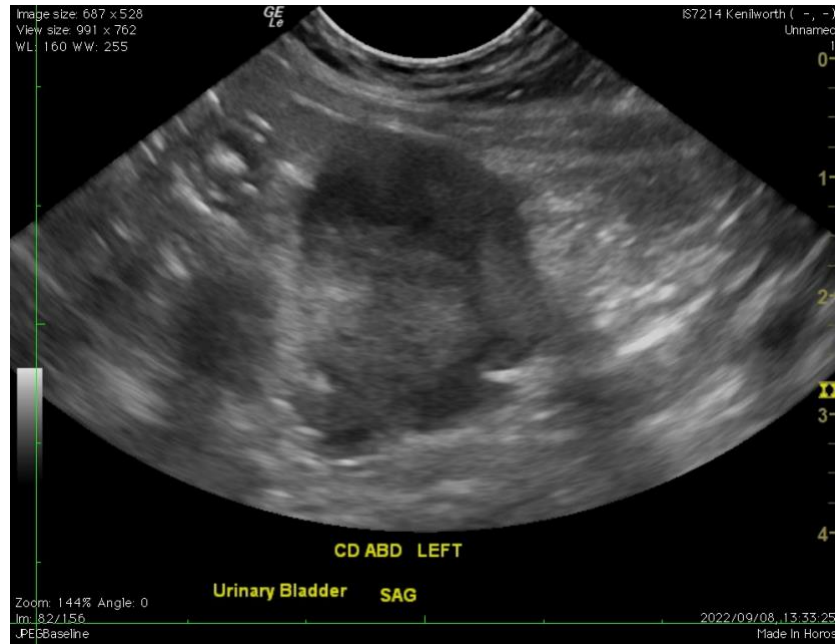
Dr Mansour

INVOICE

303388

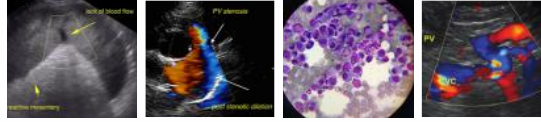
DATE

9/9/22



Right kidney





PATIENT Left adrenal

Griffey Fujihara

SPECIES

Canine

BREED

Pitbull terrier

SEX

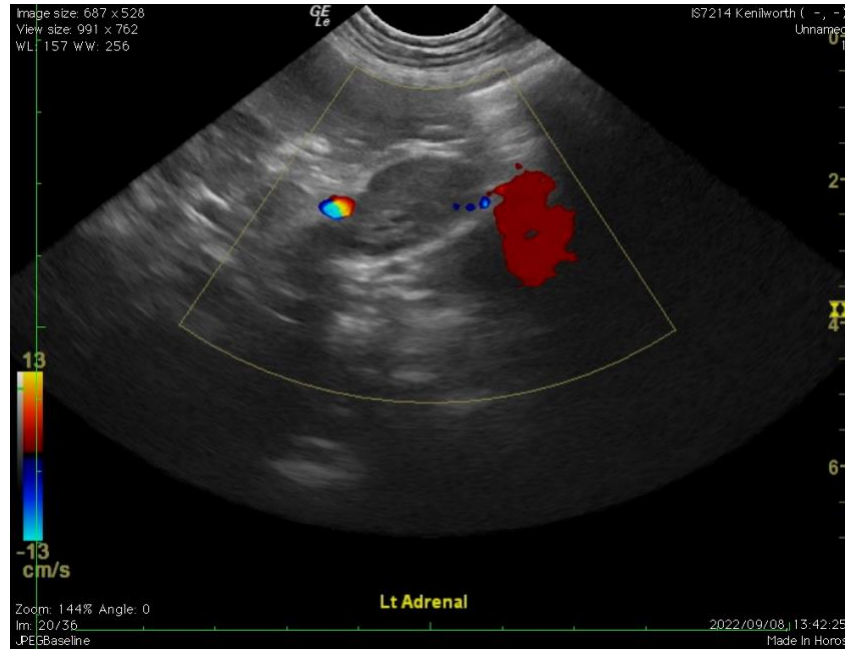
MN

AGE

12 years

WEIGHT

55.4 #



INTERPRETED BY

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

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Kenilworth Animal Hospital

REFERRING VET

Dr Mansour

INVOICE

303388

DATE

9/9/22

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za