



PATIENT PRESENTING CLINICAL SIGNS

Jaeger Allen History: Cushing's disease.

SPECIES Physical Examination: N/A

Canine Urinalysis: N/A.

CBC: Anemia.

BREED Serum Biochemistry: N/A.

Yorkshire terrier Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN **Urinary System**

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

7 years Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes (1.8 cm). Ureters not visualized.

13 # Normal renal size (left 4.5 cm, right 4.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY **Reproductive System**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM Small hypoechogenic prostate (0.7 cm).

IMAGING PERFORMED BY **Adrenal Glands**

Sonya Myers, DVM Normal position with rounded shape, hypoechogenic appearance, and enlarged. Left 0.72/0.52 cm, right 0.76/0.45 cm.

HOSPITAL NAME **Spleen**

Oviedo Veterinary Care and Emergency Normal size (1.3 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET **Liver**

Dr Kim Enlarged with rounded edges, diffuse hyperechogenic appearance, some loss of 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 (0.2 cm).

INVOICE **Gastrointestinal**

303681 Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.45 cm, duodenum 0.45 cm, jejunum 0.34 cm, colon 0.13 cm) and peristaltic activity, and no distension of the lumen.

DATE
12/17/22



PATIENT *Pancreas*

Jaeger Allen Normal size (right 0.7 cm, right 0.8 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Normal mesenteric lymph nodes (1.4 cm).
No ascites.

BREED

Yorkshire terrier

ULTRASONOGRAPHIC FINDINGS

SEX

Primary Findings:

MN

- Bilateral adrenomegaly.
- Hepatopathy.

Age

7 years

Secondary Findings:

- None.

WEIGHT

13 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

The appearance of the adrenal glands is typical for pituitary-dependent Cushing's disease and in line with the history.

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

The most likely etiology for the hepatopathy would be metabolic secondary to the Cushing's disease with reactive, hepatitis, and infiltrative neoplasia differential diagnoses.

IMAGING PERFORMED BY

Sonya Myers, DVM

Further assessment/therapy needs to be based on presenting clinical signs, mediations used, serum biochemistry, and adrenal function testing.

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Kim

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PATIENT

Jaeger Allen

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

Age

7 years

WEIGHT

13 #

IMAGES

Left adrenal



Right adrenal



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PATIENT Liver

Jaeger Allen

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

Age

7 years

WEIGHT

13 #



INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Sonya Myers, DVM

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