

PATIENT

Rascal Bellanca

SPECIES

Canine

BREED

Mixed breed

SEX

MN

AGE

14 years

WEIGHT

10.8 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Seth Mitchell, DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

INVOICE

303052

DATE

6/22/22

PRESENTING CLINICAL SIGNS

History: Stranguria.

Physical Examination: N/A.

Urinalysis: Abnormal cells on sediment?

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: Possible right adrenal mass.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Irregular mottled echogenic mass (2.1 cm) in the trigone area extending into the lumen of the bladder. Normal anechoic urine with no sediment or uroliths evident.

Normal proximal urethra and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 5.2 cm, right 5.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Small hypoechoic prostate.

Adrenal Glands

Left gland – normal shape, echogenic appearance, position, and size (0.6 cm).

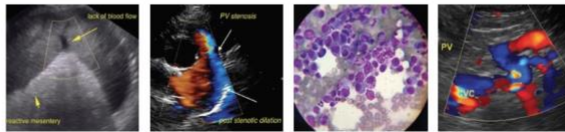
Right gland – mottled echogenic irregular mass with areas of mineralization. Involvement/invasion of the surrounding vasculature could not be determined.

Spleen

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

Liver

Normal size, with a diffuse mottled echogenic and nodular appearance, and some loss of portal markings. Nodules are faint hypoechoic, irregular, and parenchymal. No masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.



PATIENT

Rascal Bellanca

SPECIES

Canine

BREED

Mixed breed

SEX

MN

AGE

14 years

WEIGHT

10.8 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Seth Mitchell, DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

INVOICE

303052

DATE

6/22/22

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.47 cm, jejunum 0.4 cm) and peristaltic activity, and no distension of the lumen. Gas within the stomach, fecal material within the colon.

Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Urinary bladder mass.
- Hepatopathy.
- Right adrenal mass.

Secondary findings:

- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the urinary bladder mass would be a transitional cell carcinoma.

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, nodular regeneration, chronic hepatitis, granulomatous disease, and infiltrative neoplasia.

Etiologies for the right adrenal gland would be functional/non-functional carcinoma and pheochromocytoma.

Further assessment would be 3-view thoracic radiographs, catheter-assisted aspirate/biopsy of the urinary bladder mass, FNA cytology of the liver and right adrenal, and if there are compatible clinical signs of either Cushing's disease or pheochromocytoma then adrenal function testing (ACTH stimulation/LDDS test, blood pressure, urine catecholamines).

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy of the transitional cell carcinoma would be NASIDs.



PATIENT

Rascal Bellanca

SPECIES

Canine

BREED

Mixed breed

SEX

MN

AGE

14 years

WEIGHT

10.8 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Seth Mitchell, DVM

HOSPITAL NAME

Treasure Coast
 Animal Emergency

REFERRING VET

INVOICE

303052

DATE

6/22/22

IMAGES

Urinary bladder



Liver





PATIENT

Rascal Bellanca

SPECIES

Canine

BREED

Mixed breed

SEX

MN

AGE

14 years

WEIGHT

10.8 kg

Right adrenal gland



INTERPRETED BY

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

IMAGING PERFORMED BY

Seth Mitchell, DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

INVOICE

303052

DATE

6/22/22

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