



PATIENT PRESENTING CLINICAL SIGNS

Zeus Beasley History: Recently neutered for prostamegaly. Ascites, weight loss. Normal echocardiogram.

SPECIES Physical Examination: Heart murmur.

Canine Urinalysis: N/A

Boxer CBC: Neutrophilia.

BREED Serum Biochemistry: Azotemia, hyperkalemia, normal albumin and cortisol.

Boxer Radiographic Findings: Gastric foreign body.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

Age Full urinary bladder with a thickened and irregular appearance of the wall. Small amount of floating hyperechogenic sediment present. No uroliths evident.

10 years Normal trigone area, proximal urethra (1 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes (1.7 cm). Ureters not visualized.

63 # Normal renal size (left 7.2 cm, right 7.5 cm), echogenic appearance, cortico-medullary differentiation pelvis, and capsule.

INTERPRETED BY *Reproductive System*

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

Prostamegaly with a diffuse hyperechogenic and cystic appearance. Regular capsule. Normal appearance of the peri-prostatic tissue.

IMAGING PERFORMED BY *Adrenal Glands*

Sonya Myers, DVM

Normal position, echogenic appearance, and shape but plump in size. Left 0.71/0.93 cm, right 0.66/0.88 cm.

HOSPITAL NAME *Spleen*

Oviedo Veterinary Care and
Emergency

Normal size (1.5 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 Rivera

INVOICE 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 (0.2 cm).

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1/18/23



PATIENT *Gastrointestinal*

Zeus Beasley Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.55 cm, duodenum 0.45 cm, jejunum 0.45 cm, colon 0.2 cm) and peristaltic activity, and no distension of the lumen. Small shadowing gastric foreign body (2.2 cm) president.

SPECIES

Canine

Pancreas

BREED

Boxer

Enlarged (1.9 cm) with a hypoechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas. FNA taken.

Free Abdomen

SEX

Normal mesenteric lymph nodes (2.1 cm).

MN

Moderate amount of acellular ascites.

Age

Hyperechogenic and nodular appearance of the mesentery. FNA taken.

10 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

63 #

Primary Findings:

- Pancreatitis.
- Nodular mesentery.
- Ascites.
- Cystitis.
- Adrenomegaly

INTERPRETED BY

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Secondary Findings:

- Cystic prostatic hyperplasia.
- Gastric foreign body.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the pancreas would be chronic-active pancreatitis and neoplasia.

Etiologies for the ascites and mesentery would be peritonitis, granulomatous disease, and carcinomatosis.

REFERRING VET

Dr Rivera

The most likely etiology for the adrenomegaly would be disease stress with emerging Cushing's disease, a differential diagnosis.

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Although the kidneys appear ultrasonographically normal, with the azotemia and hyperkalemia, acute kidney injury (toxins, hypoxia, drug-induced) and bacterial nephritis needs to be considered.

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The appearance of the pancreas is typical for cystic prostatic hyperplasia and in line with the history.

The gastric foreign body is most likely incidental but needs to be monitored for possible development of pyloric/intestinal obstruction.



PATIENT

Zeus Beasley

Further assessment needs to be based on the pending cytology results but could urinalysis, urine culture, 3-view thoracic radiographs, and cPL/PSL assay.

Specific therapy would be dependent on an etiological diagnosis.

SPECIES

Canine

IMAGES

BREED

Boxer

Pancreas

SEX

MN

Age

10 years

WEIGHT

63 #

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Mesentery

IMAGING PERFORMED BY

Sonya Myers, DVM



HOSPITAL NAME

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REFERRING VET

Dr Rivera

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PATIENT Urinary bladder

Zeus Beasley

SPECIES

Canine

BREED

Boxer

SEX

MN

Age

10 years

WEIGHT

63 #

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HOSPITAL NAME

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REFERRING VET

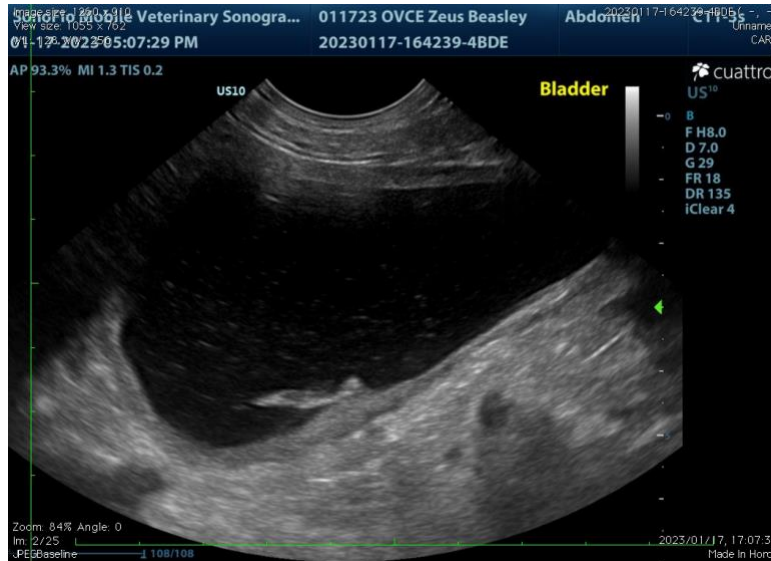
Dr Rivera

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Stomach



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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