
PATIENT PRESENTING CLINICAL SIGNS

Commissioner Costello

History: Cystic calculi. Previous history of prostatic mineralization prior to being neutered.

SPECIES

Physical Examination: N/A.

Canine

Urinalysis: N/A.

CBC: N/A.

BREED

Serum Biochemistry: N/A.

Pit bull 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. Small amount of floating sediment and multiple uroliths (1 cm) present.

12 years

Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

WEIGHT

Iliac lymphadenomegaly (left 0.9 x 2.3 cm, right 0.8 x 1.8 cm) with normal shape and echogenic appearance. Ureters not visualized.

INTERPRETED BY

Normal renal size (left 6.3 cm, right 6.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

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Reproductive System

Prostamegaly (2.2 x 5.2 cm) with a mottled echogenic appearance, irregular capsule, and foci areas of mineralization.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands
HOSPITAL NAME

Normal position, echogenic appearance, and shape. Normal size of right gland (0.63/0.58 cm), enlarged left gland (0.74 cm).

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Spleen
REFERRING VET

Normal size with a nodular echogenic appearance. Nodules are faint, parenchymal, hypoechoic and approximately 0.6 cm in size. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature.

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Liver
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 (0.3 cm).

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DATE

2/28/23


PATIENT
Gastrointestinal

Commissioner Costello

Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.53 cm, jejunum 0.35 cm, colon 0.17 cm) and peristalsis, and no distension of the lumen. Segmental thickening of the stomach (0.87 cm) with no loss of layering.

SPECIES

Canine

Pancreas
BREED

Pit bull terrier

Normal size (right 1.6 cm) echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

MN

Free Abdomen

Mesenteric lymphadenomegaly (0.5 x 2.8 cm) with normal shape and echogenic appearance. Small amount of ascites present.

Age

12 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Prostategaly.
- Uroliths.
- Lymphadenomegaly.
- Splenic nodules.
- Gastritis.
- Left adrenomegaly.

WEIGHT
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Secondary Findings:

- Age-relate renal changes.

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HOSPITAL NAME

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although the appearance of the prostate may be incidental and associated with the previous history of mineralization, neoplasia would be an important consideration as he was neutered a while ago.

REFERRING VET

Dr Chow

Etiologies for the lymph nodes and spleen would be reactive, lymphadenitis/splenitis, and infiltrative neoplasia.

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Etiologies for the gastritis would be non-specific (dietary indiscretion, toxins, helminths), *Helicobacter* gastritis, ulcerative gastritis, granulomatous disease, inflammatory bowel disease, and emerging neoplasia.

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The most likely etiology for the left adrenomegaly would be disease stress with emerging pituitary-dependent Cushing's disease a less likely differential diagnosis.

Further assessment would be urine and fecal analyses, urine culture, prostatic wash cytology, FNA cytology of the lymph nodes and spleen, and possibly gastroscopy with biopsies.

Specific therapy would be dependent on an etiological diagnosis



PATIENT IMAGES

Commissioner Costello

Prostate

SPECIES

Canine

BREED

Pit bull terrier

SEX

MN

Age

12 years

WEIGHT



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Urinary bladder

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PATIENT Iliac lymph node

Commissioner Costello

SPECIES

Canine

BREED

Pit bull terrier

SEX

MN

Age

12 years

WEIGHT



Spleen

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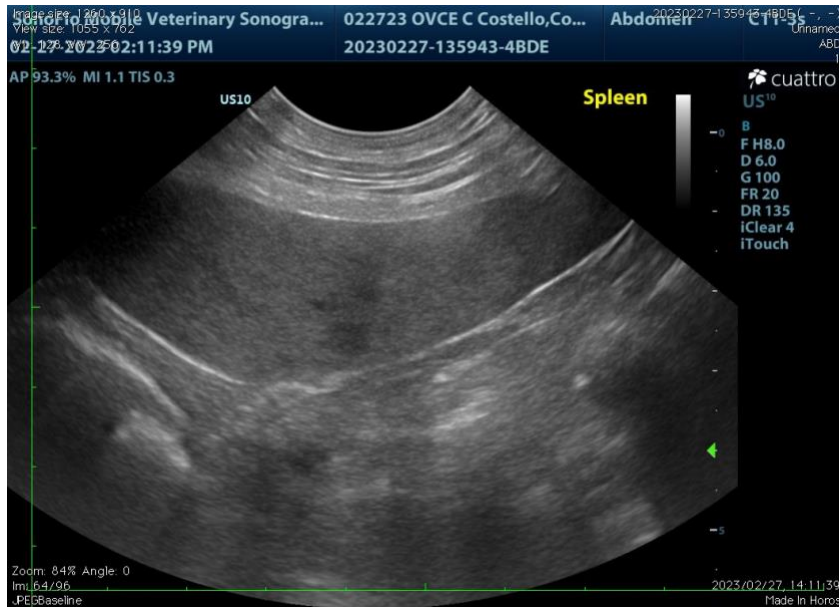
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PATIENT Stomach

Commissioner Costello

SPECIES

Canine

BREED

Pit bull terrier

SEX

MN

Age

12 years

WEIGHT



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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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