



**PATIENT**

Oregon Antonucci

**PRESENTING CLINICAL SIGNS**

History: painful abdomen

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Labrador

The **urinary bladder** was not in proper position. The bladder was herniated into the perineum.

Tissue consistent with **prostate** was also herniated.

**SEX**

Neutered male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. Pyelectasia was noted in both kidneys. The left kidney measured 7.2 cm. The right kidney measured 7.8 cm.

**AGE**

13 years

**Adrenal Glands**

**WEIGHT**

85.5 lbs

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.8 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

**IMAGING PERFORMED BY**

Jenn

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**HOSPITAL NAME**

Rockaway

**Liver**

**REFERRING VET**

Dr. Maniar

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**INVOICE**

42464

**Gastrointestinal**

**DATE**

1/3/23

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**SPECIES**

Canine

**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**BREED**

Labrador

**Free Abdomen**

**SEX**

Neutered male

The iliac trifurcation was unremarkable.

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

13 years

Geriatric abdomen with perineal hernia of the bladder and prostate.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

85.5 lbs

Ultrasound-guided FNA of the tissue within the herniation is recommended to ensure that this is prostate and not neoplastic. If the patient is neutered then I am more concerned for neoplasia; however, if not neutered then neutering and perineal hernia correction is indicated. Urine culture and sensitivity is warranted as underlying pyelectasia in both kidneys may be related to pyelonephritis.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway

**REFERRING VET**

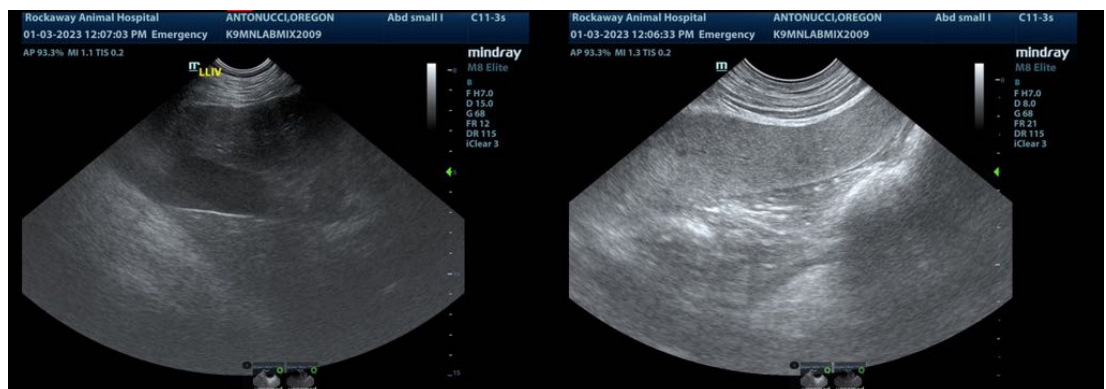
Dr. Maniar

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**PATIENT**

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**SPECIES**

Canine

**BREED**

Labrador

**SEX**

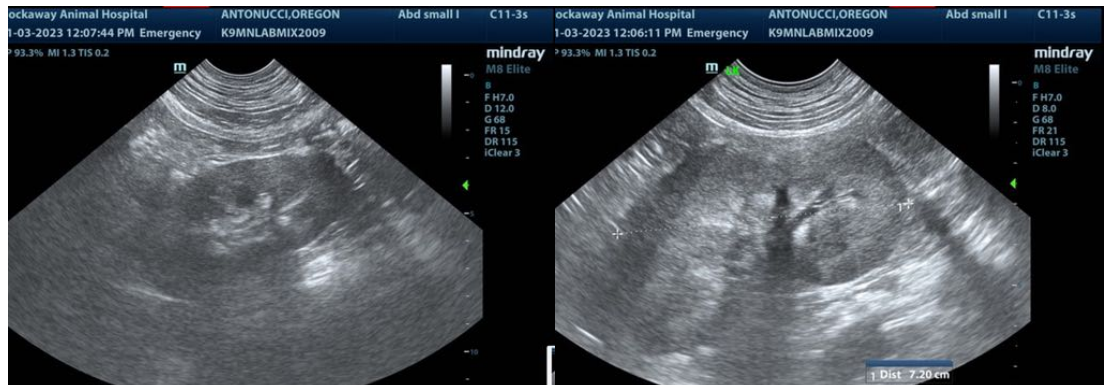
Neutered male

**AGE**

13 years

**WEIGHT**

85.5 lbs



**INTERPRETED BY**

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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