

**DATE PRESENTING CLINICAL SIGNS**

3/3/22

2/19/22- PE w/ O complaining patient recently urinating and defecating in house over night. Owner said stools seem small/flattened. Rectal exam reveals slightly pronounced, yet soft, symmetric prostate- but larger than expected in dog neutered at <6 months of age.

PATIENT

Clovis Fleckenstein

Current Medications: None.

Lab Results: UA: 4-10 RBC/hpf and clusters of well differentiated transitional epithelial cells interpreted as normal/hyperplastic proliferation.

SPECIES

Canine

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Aussie-Doodle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System****SEX**

Neutered Male

The **urinary bladder** itself was unremarkable. The prostate revealed a mineralizing mass with peripheral inflammation. The mass measured approximately 3.24 cm. Complete disruption of the prostatic urethra, which was largely unrecognizable. The prostatic mass appeared to infiltrate into the proximal urethra as well as the post-prostatic urethra. However, significant inflammation was noted around the mass.

AGE

1/19/13

Iliac lymph nodes were enlarged, rounded and hypoechoic, suggestive for metastatic disease, measuring up to 1.0 cm in width.

WEIGHT

50 Pounds

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.24 cm. The right kidney measured 6.0 cm.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**Adrenal Glands****IMAGING PERFORMED BY**

Rachel Brilhart RDMS

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 left adrenal gland measured 2.31 cm x 0.76 cm at the caudal pole and 0.69 cm at the cranial pole. The right adrenal gland measured 2.4 cm x 0.67 cm at the caudal pole and 0.62 cm at the cranial pole.

HOSPITAL NAME

Alexander AH

Spleen**REFERRING VET**

Dr. Alexander

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 were noted.

INVOICE

35888

Liver

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.

Gastrointestinal

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

Pancreas

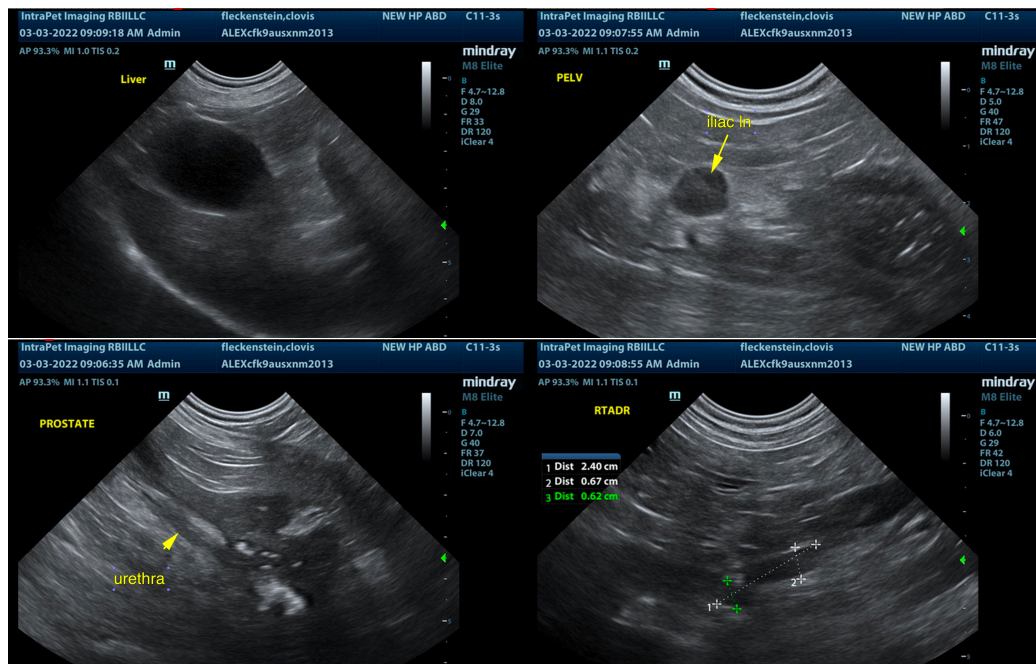
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

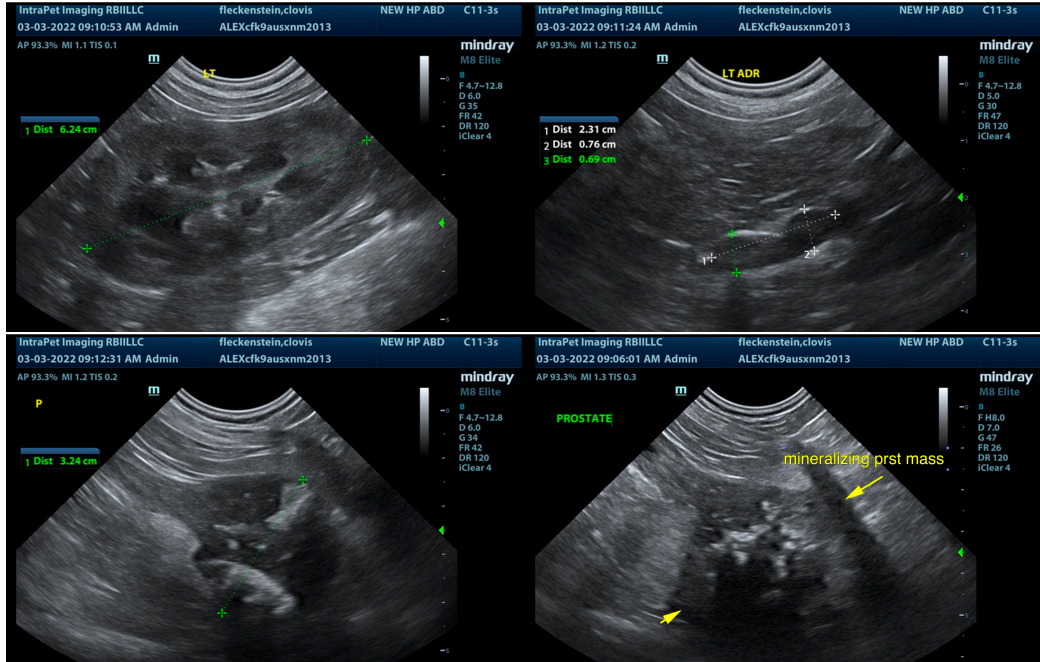
ULTRASONOGRAPHIC FINDINGS

- Prostatic mass with iliac lymph node metastatic pattern
- Unremarkable abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Referral for oncological intervention +/- urethral stent placement indicated.





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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