



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Simba Goss
Hx of run over by car ~2 years ago under care of previous owner. No records for that incident, unsure extent of external/internal injuries. Recently P has had a poor appetite and diminished body condition. No c/s/v/d/PUPD

SPECIES

Canine
Abnormal PE/Chem/CBC/UA Results: Unremarkable PE except underweight. ALT of 800. AUS, UA, and Lepto testing sent out today. Bile acids testing tbd based on results.

BREED

French Bulldog

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Male

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

AGE

4 Years

The **prostate** was uniformly enlarged (4.0 cm) with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture.

WEIGHT

10 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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 right kidney measured 5.0 cm. The left kidney measured 5.0 cm.

IMAGING PERFORMED BY

Dr. Matthew Olcha

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

HOSPITAL NAME

East Meadow Vet Center

Spleen

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.

REFERRING VET

Dr. Matthew Olcha

Liver

INVOICE

42887

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.

DATE

11/19/22



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Gastrointestinal

Some hard shadowing material was noted in the stomach with a structure measuring 6.0 cm. This may represent medications or foreign matter. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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

- Structurally unremarkable abdomen, likely reactive hepatopathy
- Urinary bladder debris
- BPH prostate
- Some shadowing material in the stomach (particularly hard shadowing)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Feeding history should be evaluated. Recheck sonogram at full NPO status. FNA of the liver would be ideal for further definition, yet structurally the liver appears unremarkable, indicative of either subacute insult or reactive hepatopathy. No evidence of structural changes.

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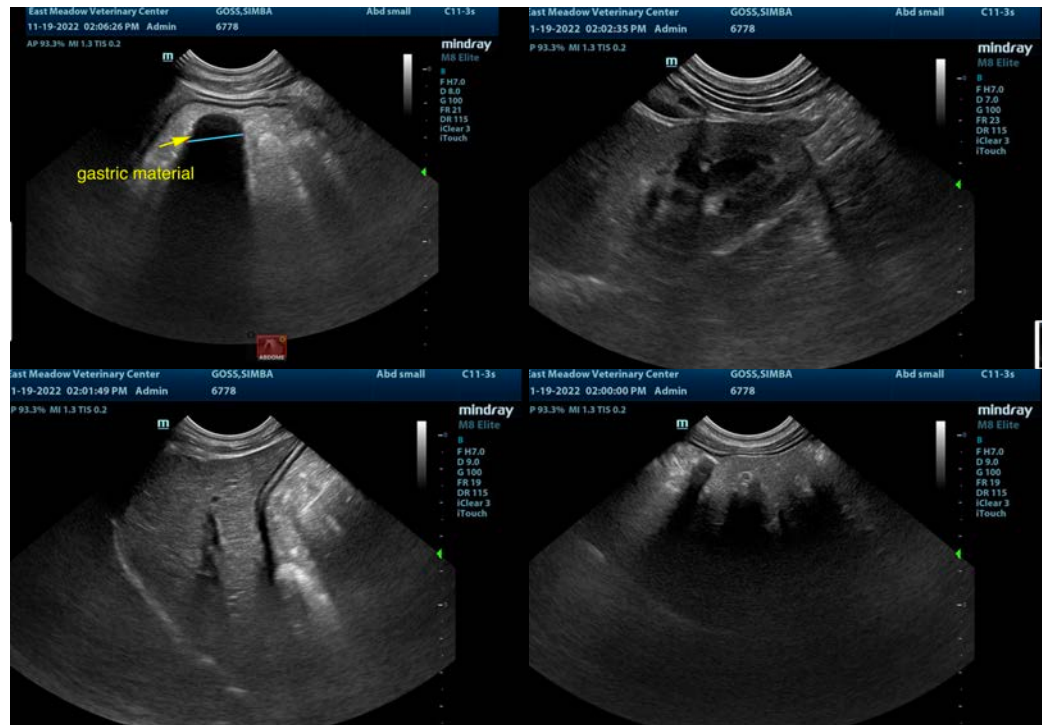
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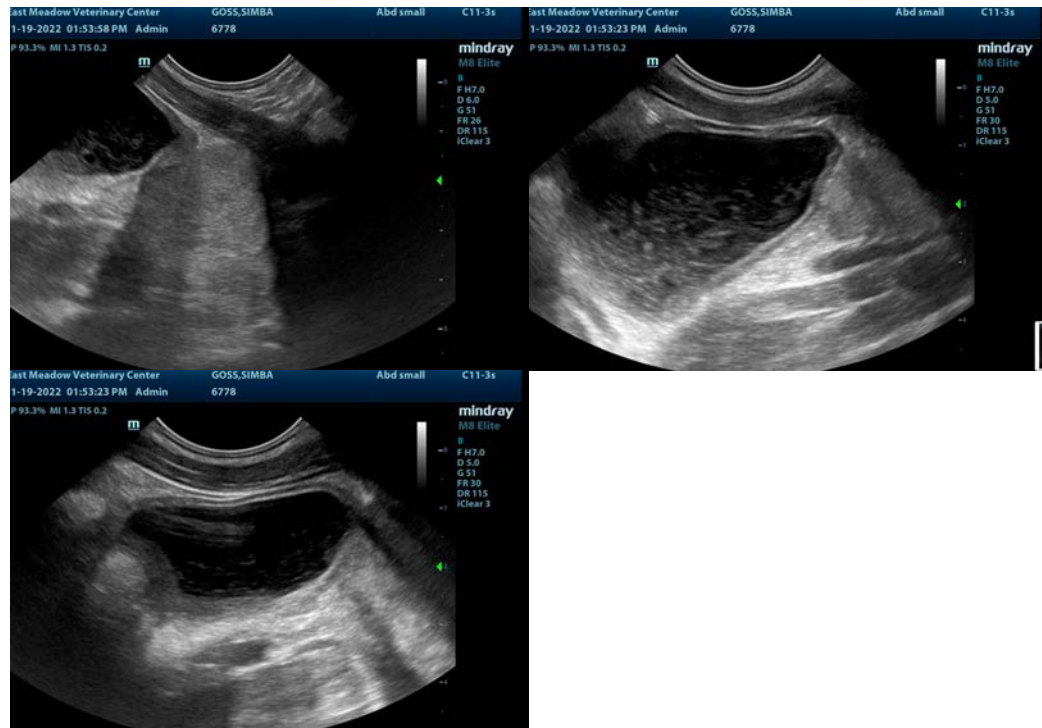
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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