



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Sugar Bastian

SPECIES
Canine

BREED
Terrier Mix

SEX
Spayed Female

AGE
13 years

WEIGHT
22 lbs

History: previous CHF diagnosed October 2020. currently on enalapril 5mg 1 po bid, furosemide 20mg 2 po bid, vetmedin 5mg 1/2 po bid. no recent followup since April 2021 at same dosage since dyspnea and early hilar edema, moderate left atrial enlargement. uroliths noted- no therapy at that time 4/18/22 weight loss of 4 pounds, wheezes some but no coughing reported by owner. not eating well, weak in rear limbs, gives out at times.

Abnormal PE/Chem/CBC/UA Results: PE: Abdomen pot belly, appears more distended right abdomen, thin skin. Systolic murmur 2/6, lungs clear, pulses synchronous blood pressure= 160 cbc/chem: incr alt=356, incr alp=844, inc bun=134, creat=3, phosp=7.3, ca=12.7, incr mg=2.7, decr cl=96, incr chole=425, incr trigl=890, incr psl=199, incr platelets=755,103 T4=1.1ug/dl UA: sg 1.008, ph=6, quiet sediment xrays: large urinary bladder, fine uroliths noted. moderate hepatomegally with rounding of caudal margin. lack of detail right abdomen. stomach displaced laterally on vd view. lungs clear. radiology consult pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented a grouping of approximately 6.0 mm of calculi. Micropolypoid changes were noted elsewhere in the bladder.

The **kidneys** presented chronic interstitial nephrosis pattern with minor pyelectasia in the left kidney. The kidneys both measured 4.5 cm.

INTERPRETED BY Adrenal Glands

Eric Lindquist, DMV DABVP, Cert. IVUSS

The **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 0.6 cm and was heterogenous. The right adrenal gland measured 0.8 cm.

IMAGING PERFORMED BY

Dr. White

Spleen

HOSPITAL NAME

Lone Mountain AH

The **spleen** was mildly enlarged and uniform with coarse architecture.

REFERRING VET

Dr. White

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile. However, excessive sludge was present. The gallbladder is most consistent with an emerging mucocele. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. Hepatic lymph node was enlarged, cystic and mildly irregular measuring 1.5 x 1.0 cm.

INVOICE

99351

DATE

4/18/22



PATIENT

Gastrointestinal

Sugar Bastian

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.

SPECIES

Canine

BREED

Terrier Mix

Pancreas

The **pancreas** was hypoechoic to the surrounding fat and undulating contour.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Bladder calculi, mild cystitis pattern.

Moderate, degenerative renal changes with minor pyelectasia.

AGE

13 years

Emerging gallbladder mucocele with hepatic remodeling and hepatic lymphadenopathy likely owing to chronic inflammation.

Likely low-grade pancreatitis.

WEIGHT

22 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient may be passing calculi periodically causing the recent renal failure. 72-hour IV fluid protocol is recommended along with urine culture and sensitivity and blood pressure measurements are all indicated. Ursodiol therapy is warranted over the next 6 weeks if the patient can be stabilized. Assessment of the cardiac medications are recommended given the azotemia in this patient as there may be a prerenal effect as well as the renal issues.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. White

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

Dr. White

INVOICE

99351

DATE

4/18/22





PATIENT

Sugar Bastian

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. White

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

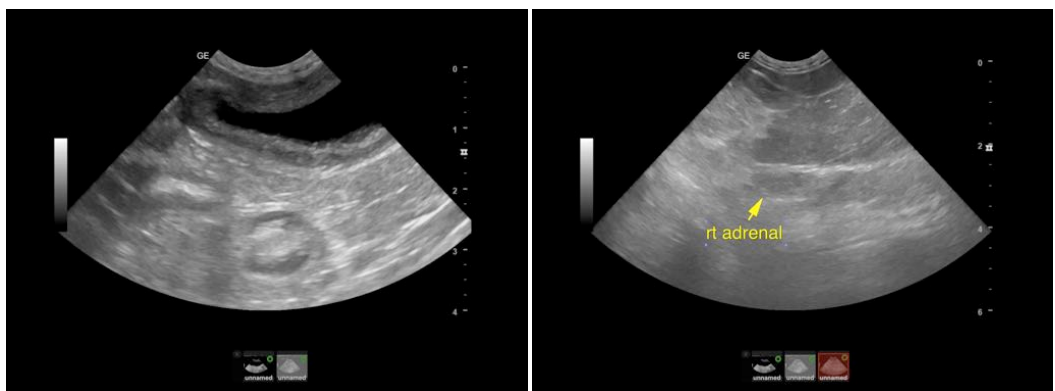
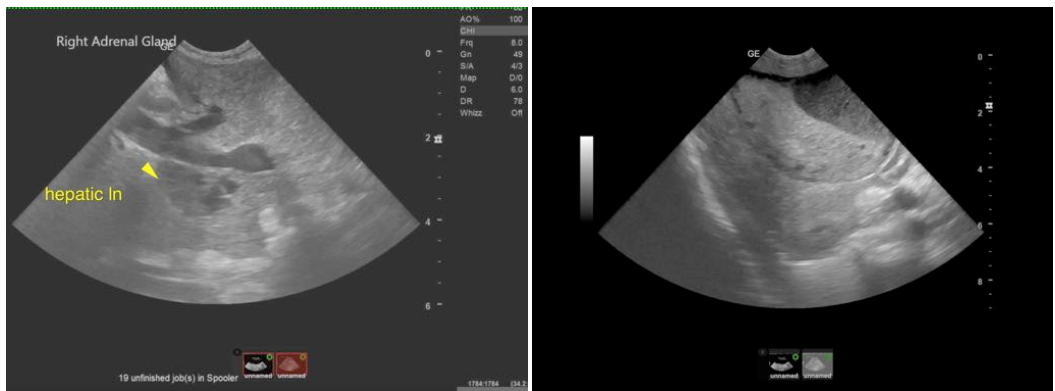
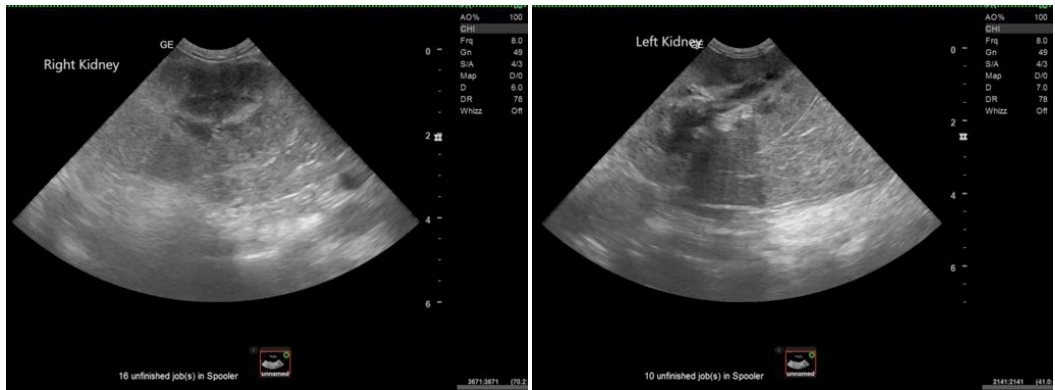
Dr. White

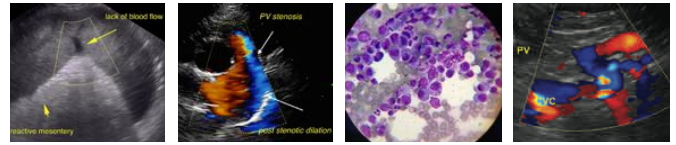
INVOICE

99351

DATE

4/18/22





PATIENT

Sugar Bastian

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. White

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

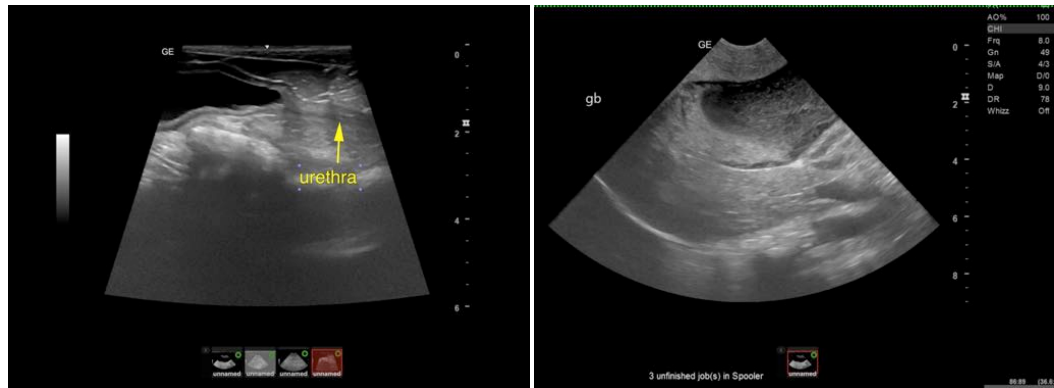
Dr. White

INVOICE

99351

DATE

4/18/22



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
info@SonoPath.com