



PATIENT

Samwise Baker

SPECIES

Canine

BREED

Poodle Mix

SEX

Male

AGE

6 Years

WEIGHT

44.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Neuhaus

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Neuhaus

INVOICE

23819

DATE

8/7/23

PRESENTING CLINICAL SIGNS

The pt has been doing well with his szr, has not had one since mid june per O. Then yesterday at 10p he had a szr that lasted for one minute, and lost his UR. The pt had another SZR at 2am which lasted less than a minute as the O gave a midazolam rescue dose Intra nasally. Due to how close the szr were together O wanted to bring the pt in to be seen. The O said they did have a house guest last week which is stressful for Samwise. She also said the city is redoing the water pipe line which makes alot of noise and shakes the house which is very stressful for the pt. The pt otherwise is doing well and no other concerns. The pt is E/D/UR/BM wnl and no signs Csvd. Current RXs include Keppra 2T 500mg q8hr(5am,1p,8p), Comocalm q24hr, Gaba 300mg 1C Q24hr. Tylosin 1/8 tsp q12hr, Kbromide 700mg q12hr, Melatonin Q24hr, Budesonide 2mg 1T q24hrs

Abnormal PE/Chem/CBC/UA Results: PCV/TS- 52%, 7.8 LAC- 1.79 Chem 17- ALT 773 H, AMYL 369 L, hypercholoridemia 132, hypoglycemia 65, hypernatremia 164 CBC- wnl Blood work re-run: EPOC- hypercholoridemia (128), GLU (68) wnl, hypernatremia (152), LAC (1.67) wnl Chem 17- ALT (807) H, AMYL (408) L, GLU (74) wnl PT/PTT WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. Iliac trifurcation was unremarkable.

The **prostate** was uniformly enlarged (3.0 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 mild and 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.

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 6.9 cm. The right kidney measured 6.9 cm.

Adrenal Glands

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 0.5 cm. The right adrenal gland measured 0.6 cm.

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



PATIENT

Samwise Baker

congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted. Cranial folding of the spleen was noted.

Liver

SPECIES

Canine

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.

BREED

Poodle Mix

Gastrointestinal

SEX

Male

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.

AGE

6 Years

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.

WEIGHT

44.4 Pounds

Other

The **testicles** were imaged and some level of remodeling was noted without overt pathology.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

ULTRASONOGRAPHIC FINDINGS

- Nonspecific inflammatory hepatopathy given the liver enzyme elevations.
- BPH prostate
- Testicular remodeling
- Unremarkable abdomen otherwise

IMAGING PERFORMED BY

Dr. Neuhaus

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Willamette VH

No gross evidence of pathology. No evidence of predisposing disease responsible for the seizure activity. Skull CT with contrast would be recommended. FNA of the liver could be considered for further definition.

REFERRING VET

Dr. Neuhaus

INVOICE

23819

DATE

8/7/23



PATIENT

Samwise Baker

SPECIES

Canine

BREED

Poodle Mix

SEX

Male

AGE

6 Years

WEIGHT

44.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Neuhaus

HOSPITAL NAME

Willamette VH

REFERRING VET

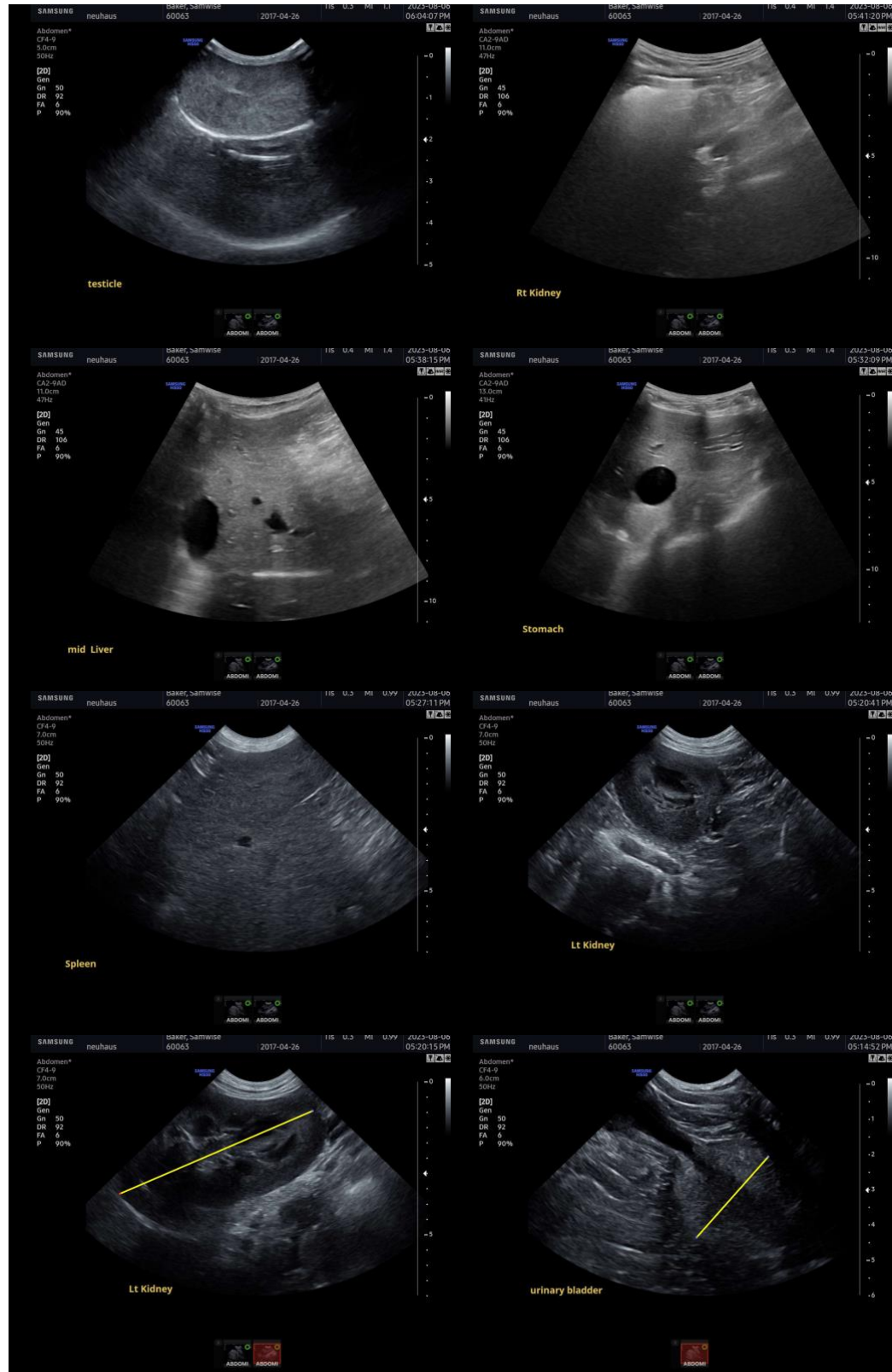
Dr. Neuhaus

INVOICE

23819

DATE

8/7/23



The information and recommendations provided are based on the images presented by the



PATIENT

Samwise Baker

referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Poodle Mix

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

SEX

Male

AGE

6 Years

WEIGHT

44.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Neuhaus

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Neuhaus

INVOICE

23819

DATE

8/7/23