



**PATIENT**

Scratchy Jenner

**PRESENTING CLINICAL SIGNS**

Large abdomen attending suspects abdominal mass  
Abnormal PE/Chem/CBC/UA Results: Moderate elevation of ALT ALP neutrophilia and elevated TP

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Terrier X

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.

**SEX**

Neutered Male

The prostate was enlarged, irregular and mineralized with pericapsular inflammatory pattern, measuring 2.04 cm, strongly suggestive for prostatic carcinoma.

**AGE**

11 Years

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 and no evidence of pelvic dilation was present. The right kidney measured 4.42 cm. The left kidney measured 4.62 cm.

**WEIGHT**

7 kg

**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 right adrenal gland measured 0.63 cm at maximum width. The left adrenal gland measured 0.70 cm at maximum width.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself cranially and caudally. This may be palpable mass effect, yet is a benign positional variant. 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.

**IMAGING PERFORMED BY**

Dr. Belan

**HOSPITAL NAME**

Properties AC

**Liver**

The **liver** presented multifocal heterogeneous hypoechoic nodular changes with an overt hyperechoic and mixed echogenic 3.4 cm mass in the mid liver. Nodular changes noted elsewhere. The mass impinged upon the diaphragm cranially. The common bile duct, portal vein and vena cava were free of evident pathology.

**REFERRING VET**

Dr. Morley

**INVOICE**

36839

**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.

**DATE**

4/12/22



**PATIENT**

**Pancreas**

Scratchy Jenner

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**SPECIES**

Canine

**BREED**

Terrier X

**ULTRASONOGRAPHIC FINDINGS**

- Hepatic mass
- Prostatic mass

**SEX**

Neutered Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Prostatic carcinoma and hepatocellular carcinoma likely, yet likely unrelated. Geriatric abdominal changes otherwise. The liver mass does not appear resectable. FNA of both the prostate and liver recommended for further definition. Minor potential for tumor trailing in the prostate.

**AGE**

11 Years

**WEIGHT**

7 kg

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Eric Lindquist, DMV

DABVP, Cert. IVUSS

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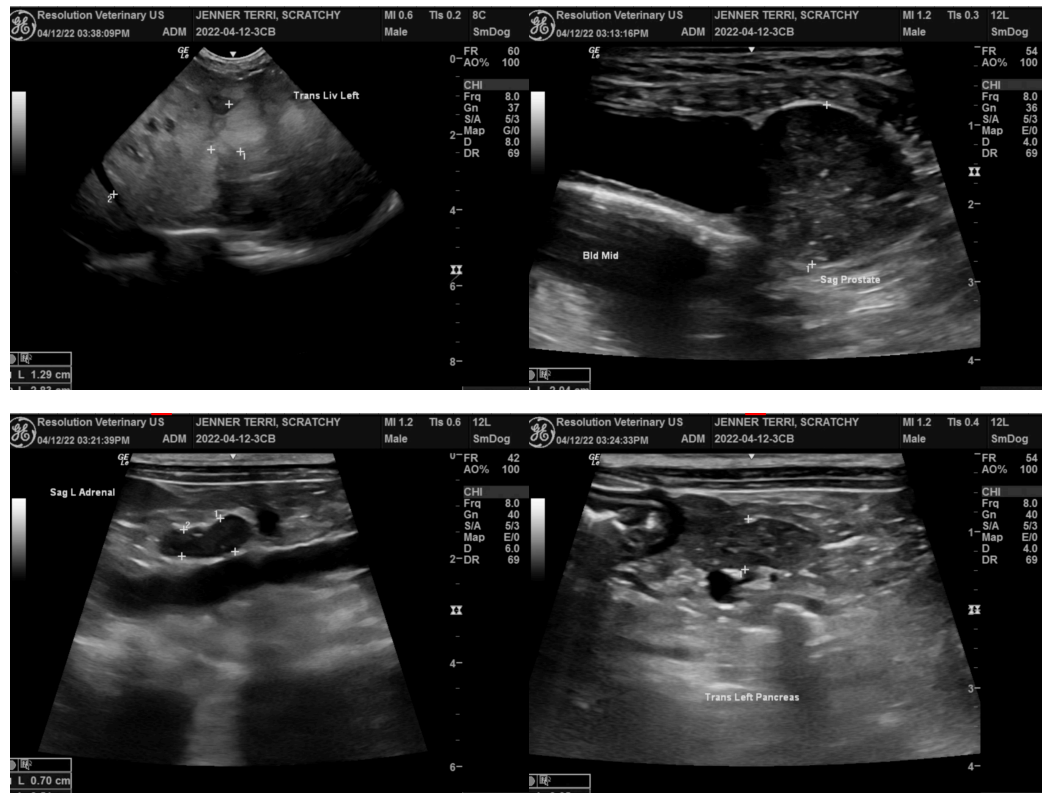
Dr. Morley

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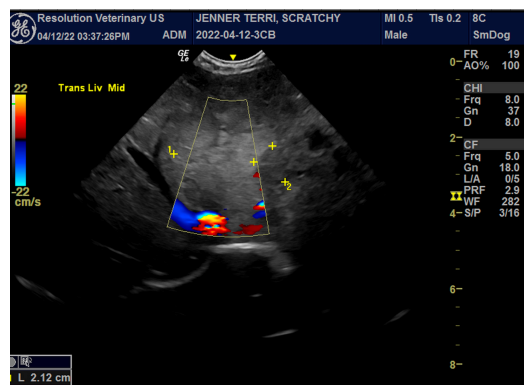
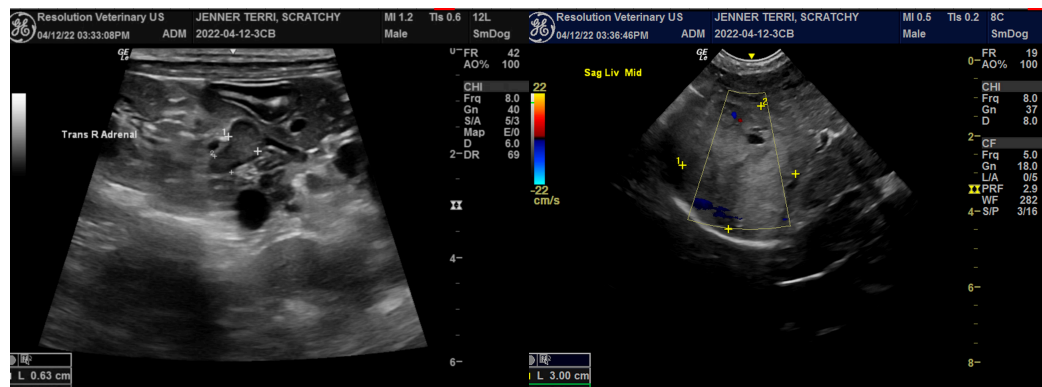
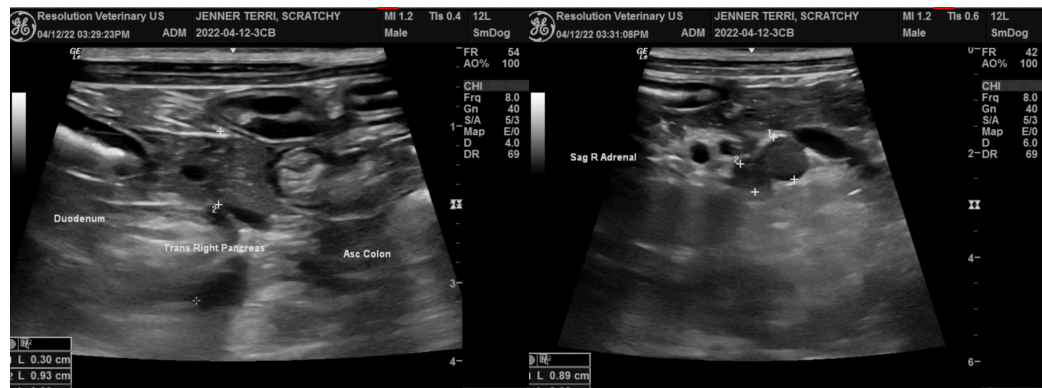
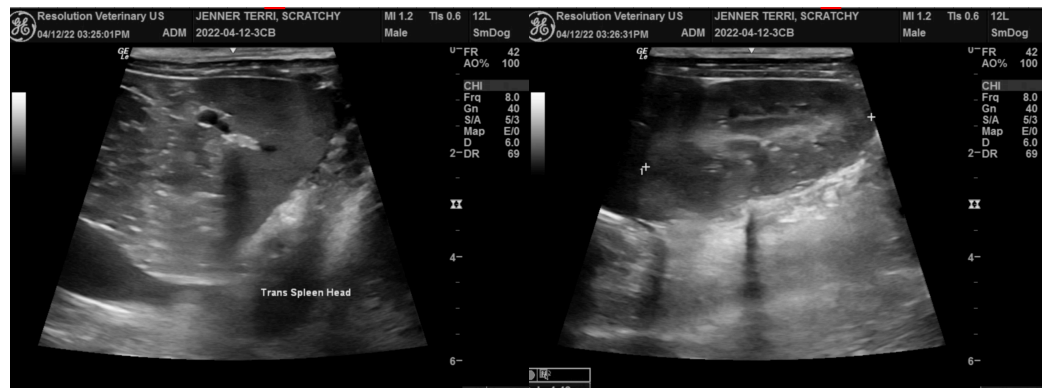
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**PATIENT**

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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.

**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**

Terrier X

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

[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Neutered Male

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