



**PATIENT**

Jack Price

**PRESENTING CLINICAL SIGNS**

Chronic URI. U/S due to bloodwork. Intermittent on steroids  
Abnormal PE/Chem/CBC/UA Results: ALT; 260, Alk Phos: 933, GGT 49, PSL: 3177WBX: 15.2, low T4

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

American Eskimo

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**

Male

The prostate was uniform at 2.75 cm.

**AGE**

12 Years

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 4.5 cm. The left kidney measured 4.87 cm.

**Adrenal Glands**

**WEIGHT**

23.8 Pounds

Both **adrenal glands** were subnormal in size. The right adrenal gland measured 0.57 cm. The left adrenal gland measured 0.59 cm.

**Spleen**

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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.

**IMAGING PERFORMED BY**

Dr. Rodriguez

**Liver**

**HOSPITAL NAME**

Foxfield Vet Services

The **liver** was diffusely hyperechoic to falciform fat. Occasional hypoechoic nodule measuring 2.35 cm x 1.8 cm. A separate nodule measured 2.94 cm x 2.24 cm. The hepatic nodules were somewhat disruptive. The remainder of the liver revealed coarse architecture and increased portal markings. The gallbladder and common bile duct were unremarkable.

**Gastrointestinal**

**REFERRING VET**

Dr. Rodriguez

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.

**INVOICE**

40008

**Pancreas**

**DATE**

8/1/22

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.



**PATIENT**

Jack Price

**ULTRASONOGRAPHIC FINDINGS**

- Undefined hepatic nodules with mild hepatic remodeling
- Flattened adrenal glands – likely owing to steroid use.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA, cytology and culture of the hepatic nodules indicated. Pronounced nodular hyperplasia, abscessation possible, round cell or metastatic neoplasia less likely.

**BREED**

American Eskimo

**SEX**

Male

**AGE**

12 Years

**WEIGHT**

23.8 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

Foxfield Vet Services

**REFERRING VET**

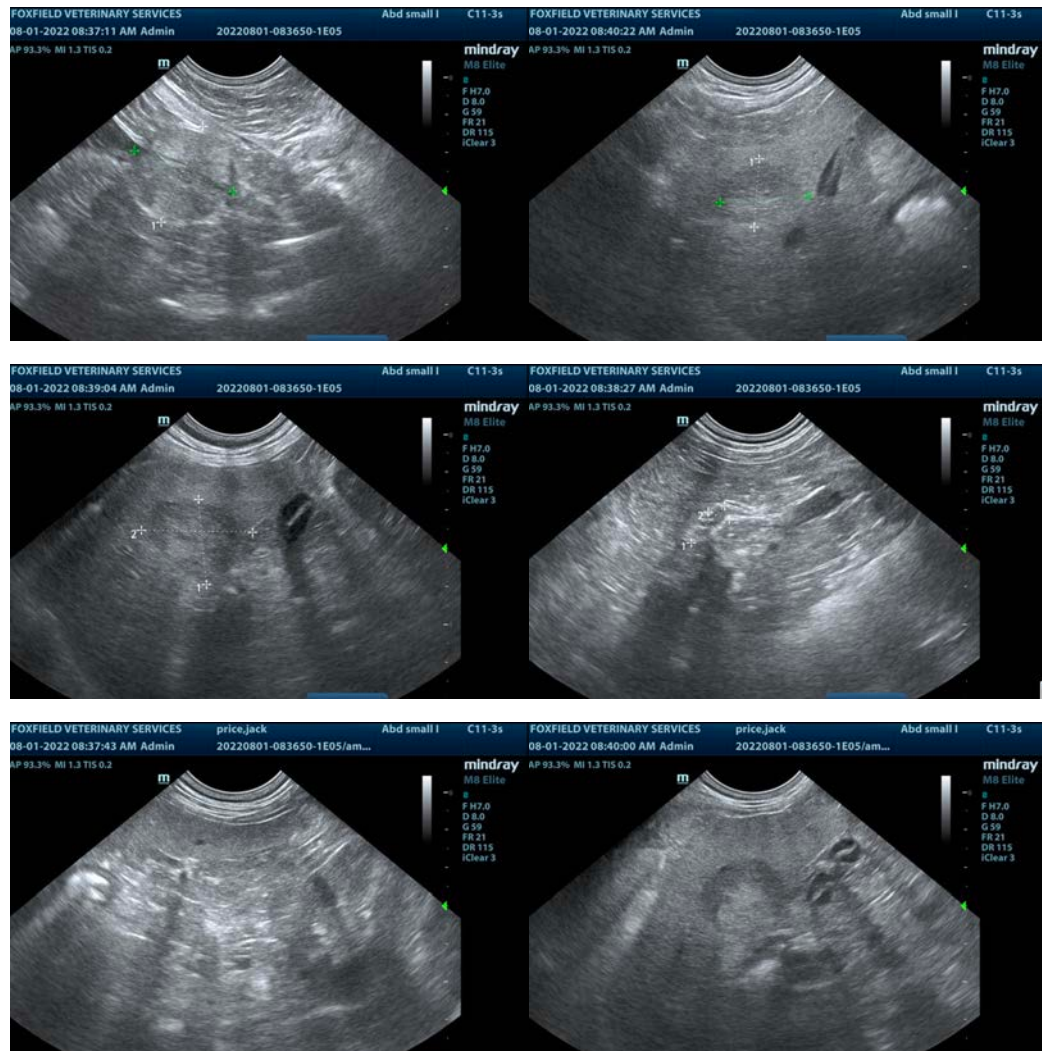
Dr. Rodriguez

**INVOICE**

40008

**DATE**

8/1/22





**PATIENT**

Jack Price

**SPECIES**

Canine

**BREED**

American Eskimo

**SEX**

Male

**AGE**

12 Years

**WEIGHT**

23.8 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

Foxfield Vet Services

**REFERRING VET**

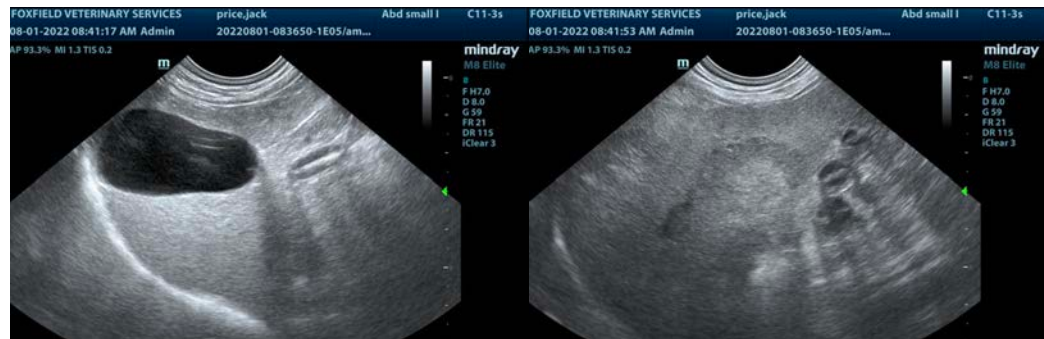
Dr. Rodriguez

**INVOICE**

40008

**DATE**

8/1/22



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](mailto:info@SonoPath.com)