

**DATE PRESENTING CLINICAL SIGNS**

2/2/22

History: Free abdominal fluid, not eating, no obvious mass in abdomen on radiograph. Increased high bilirubin levels despite 2 days of IV fluids.

**PATIENT**

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

George Burke

Sedation: Patient sedated with Torbugesic & Ace.

Stat Report: Not requested.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System****BREED**

Bovier des Flandres

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 **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 7.66 cm. The left kidney measured 7.77 cm.

**AGE**

10/17/13

**Adrenal Glands****WEIGHT**

120.2 Pounds

The **adrenal glands** were not visualized.

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**Spleen**

The **spleen** was mildly enlarged with subtle micronodular changes. Mild to moderate disruptive architecture noted. Mixed echogenicities noted in the spleen, suggestive for infarcts or infiltrate.

**IMAGING PERFORMED BY**

Andi Parkinson RDMS

**Liver**

The **liver** was severely enlarged with multifocal disruptive nodules and masses. Surrounding free fluid noted owing to lymphatic obstruction or portal hypertension. The gallbladder was thickened, unremarkable otherwise. Overt cavitated masses noted in the liver as well.

**HOSPITAL NAME**

Advanced Vet Complex

**GI & Pancreas**

Enhanced mesentery obscured visibility of the **pancreas** and portions of the upper **GI** tract, yet subjectively appeared unremarkable other than being enveloped by free fluid and enhanced mesentery.

**REFERRING VET**

Dr. Benson

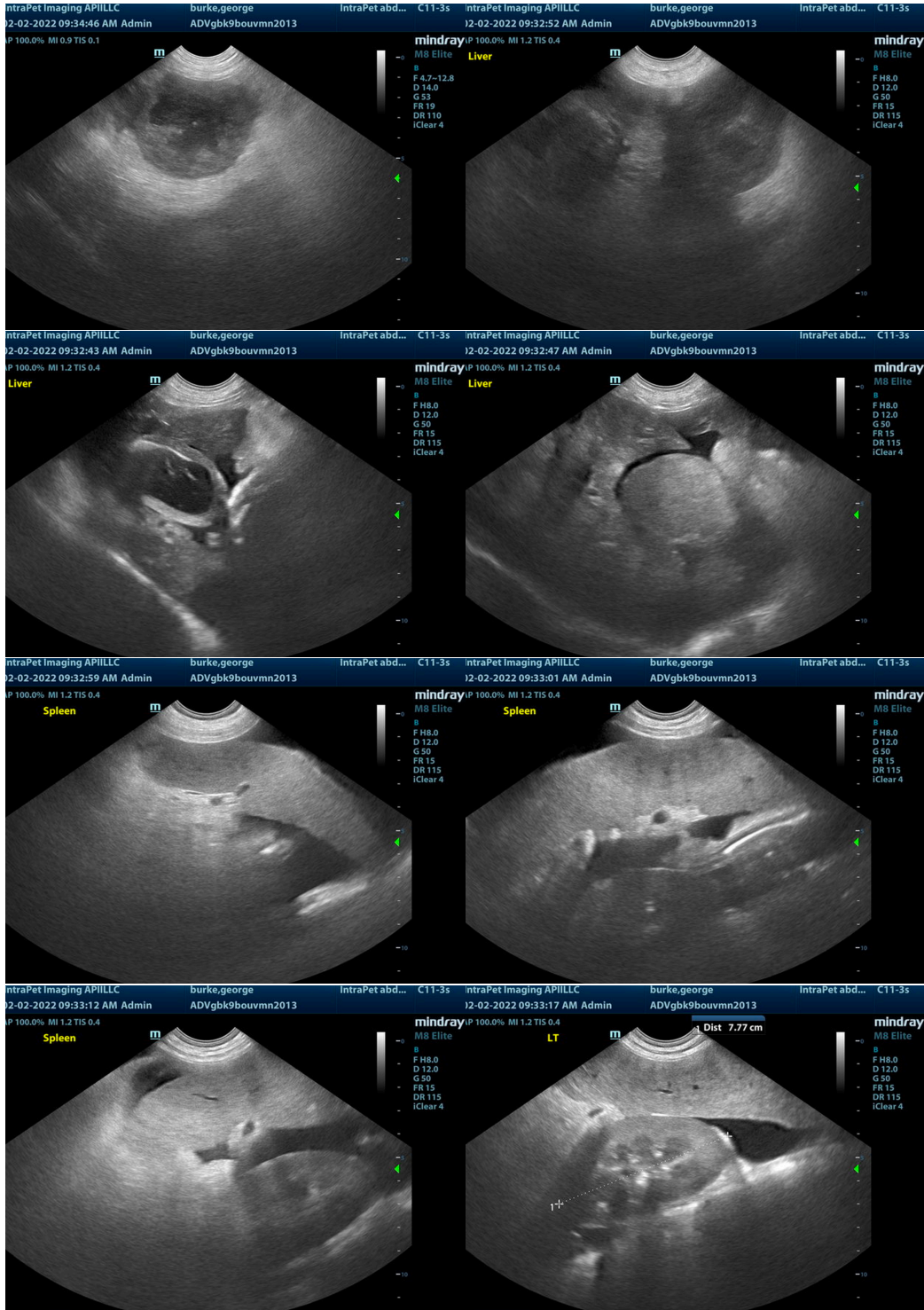
**ULTRASONOGRAPHIC FINDINGS****INVOICE**

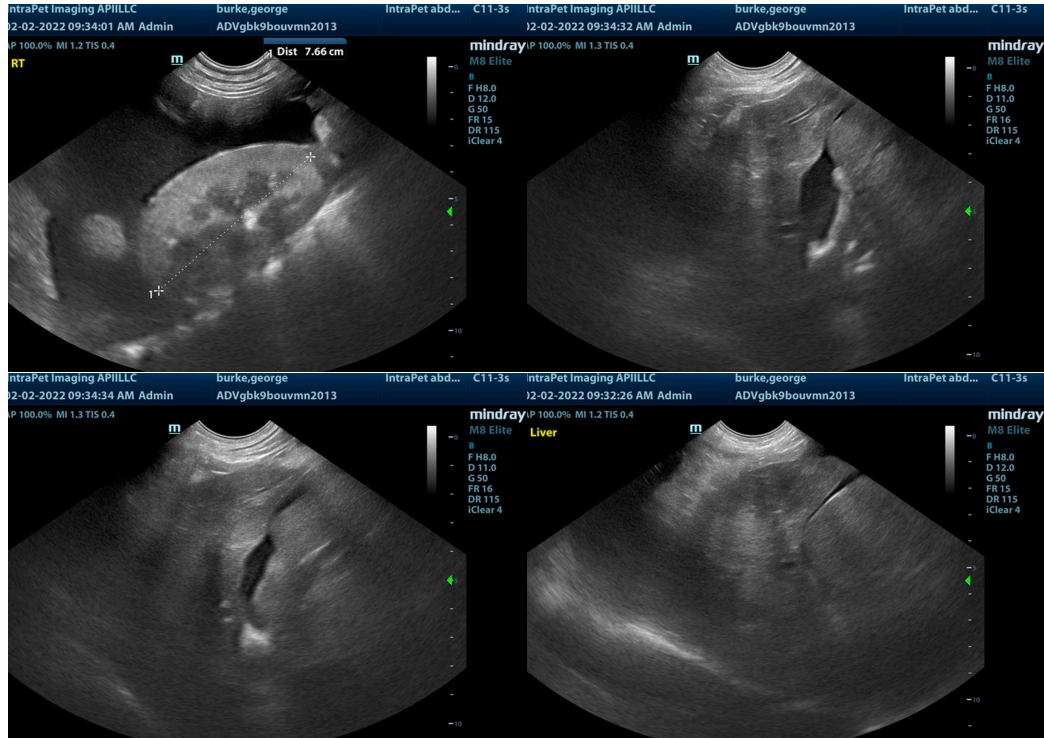
35401

- Diffuse hepatic neoplasia
- Heterogeneous spleen
- Free fluid owing to portal hypertension and/or lymphatic obstruction

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA spleen and liver and abdominocentesis and cytospin recommended to confirm suspicion of neoplasia. Round cell neoplasia pattern. Humane euthanasia should be considered in this patient.





The information and recommendations provided are based on the images presented by the referring veterinarian. 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)