

**DATE**

03-06-2023

**PRESENTING CLINICAL SIGNS**

P presented for skin issues that started about 1.5 weeks ago. P started with a blister on his LH foot that ruptured, then another lesion appeared on his R upper lip followed by his RF foot. P has been licking and bothering the area. P has been lethargic and sluggish. O has been feeding table food -doesn't want to eat dog food. Decreased appt and lethargy started after noticing the first lesion. Discussed possible allergy flare-up vs systemic dz such as lupus vs cancerous process. P has also lost about 10# since last visit.

**PATIENT**

Zeus Peisinger

**SPECIES**

Canine

Current Medications: Convenia injection 4.3mL given 3/2/23, Carprofen injection 3.7mL given 3/2/23, Carprofen (Vetprofen) 100mg tablet Give 1 tablet by mouth every 12 hours. Give with food. 3/2/23

**BREED**

Unknown

Lab Results: SDMA 15, ALT 464, AST 69, ALP 549, GGT 16, Total Bilirubin 0.6, Lipase 315, CK 202

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Telazol IV.

Stat Report: Not requested.

Imaging Performed By: Stephanie Warga RDCS, RVT.

**SEX**

MN

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****AGE**

2014

**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.

**WEIGHT**

95.5lb

The right kidney revealed normal size and structure, corticomedullary definition and ratio for this age. The cortex presented a largely uniform texture with a normal echogenic relationship to liver and spleen.

Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The right kidney measured 7.55 cm in length.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The left kidney revealed a hypoechoic expansive nodule measuring 2.39 cm with irregular contour and pericapsular inflammatory pattern.

**HOSPITAL NAME**

Warm &amp; Fuzzy VC

**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 2.79 cm in length by 0.74 cm caudal pole width by 0.54 cm cranial pole width. The right adrenal gland measured 2.75 cm in length by 0.66 cm caudal pole width by 0.63 cm cranial pole width.

**REFERRING VET**

Dr. Weber

**Spleen**

The spleen presented relatively normal size with minor heterogenous parenchymal changes and may be involved in the presumed neoplastic process.

**INVOICE**

13117ag

**Liver**

The liver presented heterogenous parenchyma with increased portal markings and coarse architecture. Swollen irregular capsular contour was noted. A mixed hypoechoic nodule/cyst measuring 2.7 cm x 2.0 cm was present. Isoechoic nodular hepatic changes noted. The gallbladder and common bile duct were unremarkable.

### ***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.

### ***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.

### ***Free Abdomen/Other***

Multifocal hypoechoic lung nodules noted measuring up to 1.45 cm in the visible field.

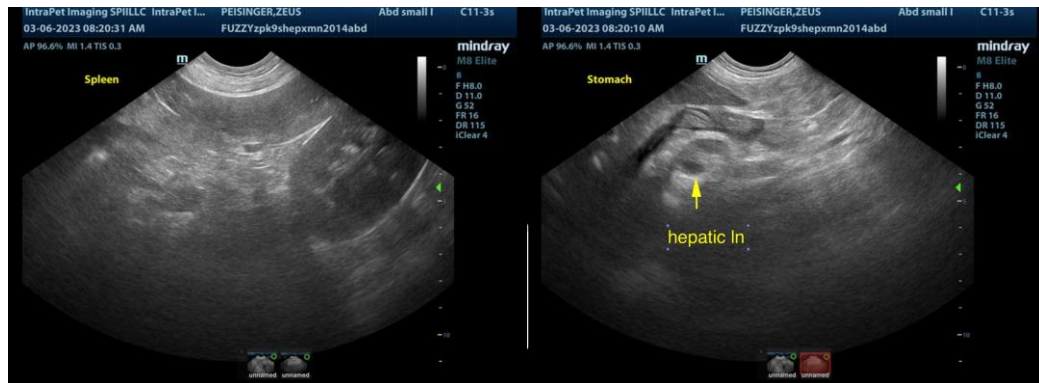
Slight abdominal free fluid was noted. The mesenteric and hepatic lymph nodes were enlarged and rounded measuring up to 1.5 cm.

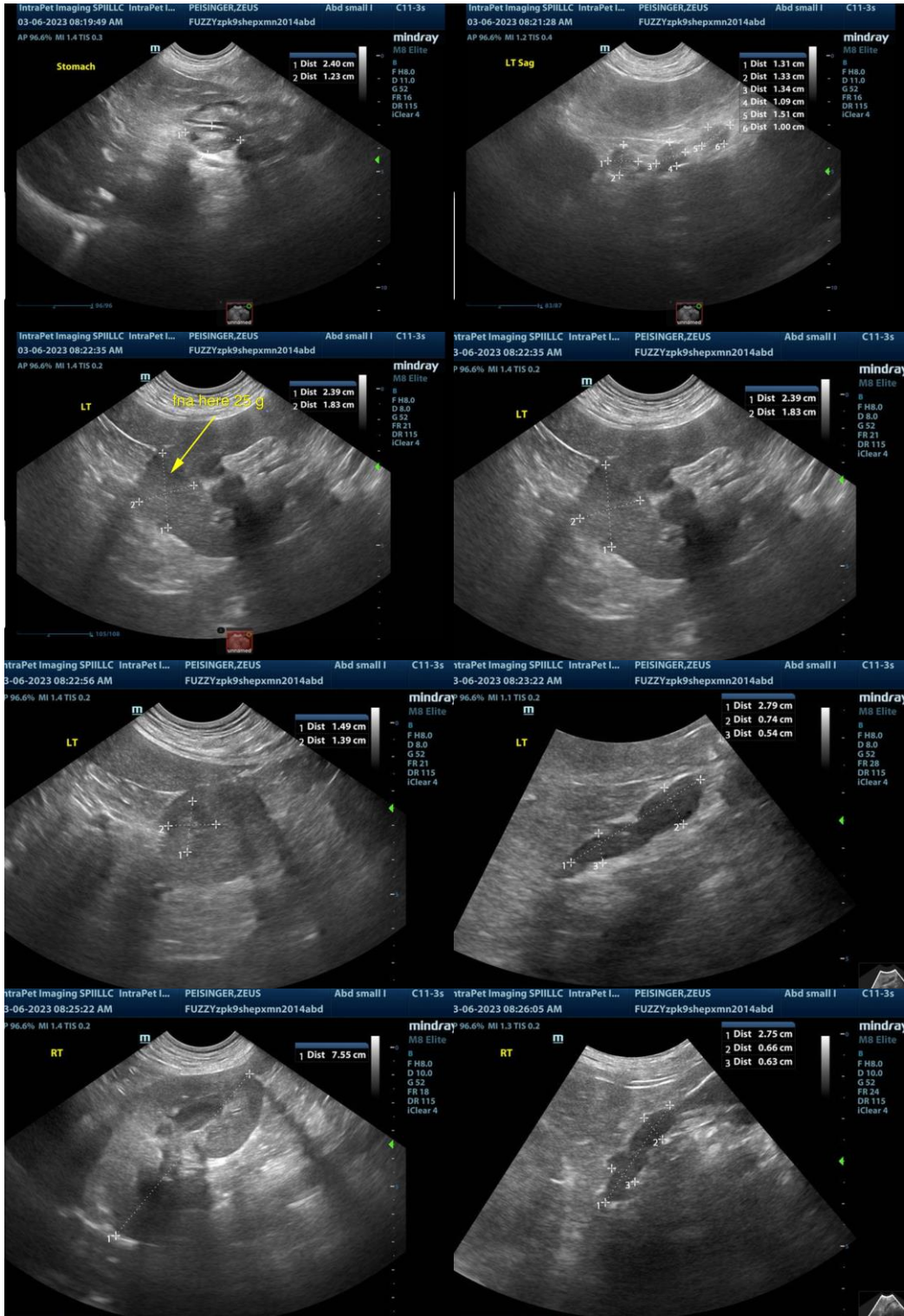
### **ULTRASONOGRAPHIC FINDINGS**

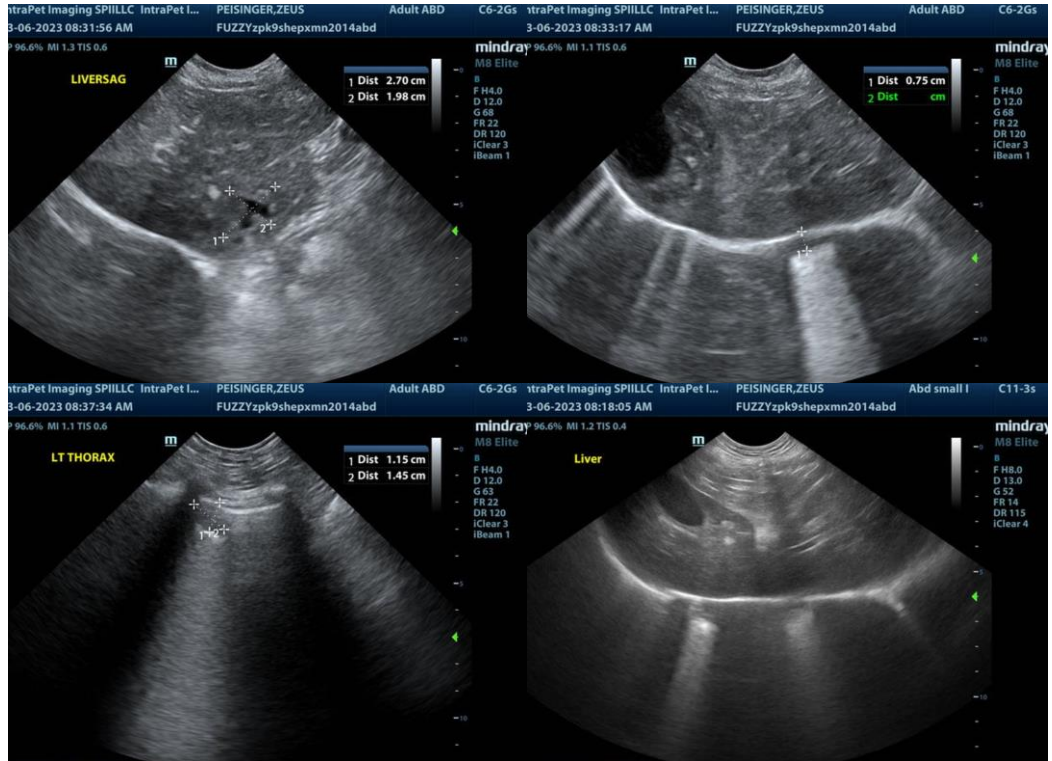
- Multicentric lymphadenopathy
- Left renal nodule
- Nodular splenic and hepatic changes
- Metastatic lung pattern

### **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Assuming normal clotting status, ultrasound guided left renal nodule/spleen/liver and accessible LN FNA for screening cytology is warranted for further assessment and possible oncology consult. Early infiltrative hepatic disease is suspected. Fungal infection is technically possible in this patient and can mimic neoplastic presentation hence sampling is essential. Fungal titers may be appropriate. A very guarded to poor prognosis is indicated pending cytology review.







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.

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