



**PATIENT PRESENTING CLINICAL SIGNS**

Figgy Hunt Panting and PU/PD recently.  
Abnormal PE/Chem/CBC/UA Results: ALT= 165, ALKP= 1514. Dilute urine. See attached.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED**

Springer Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

**SEX**

Spayed female

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 6.45 cm.

**AGE**

10 ½ years

**WEIGHT**

54 lbs

**Adrenal Glands**

A right adrenal mass was noted and measured 5.0 x 3.0 cm at the caudal pole and 1.62 cm at the cranial pole. Capsular expansion without capsular escape was noted. Mineralization was noted. Impingement upon the vena cava by both adrenal masses was noted. Normal left adrenal gland was not visualized and obscured by the right adrenal mass.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

**IMAGING PERFORMED BY**

Dr. Christensen

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 was noted.

**HOSPITAL NAME**

Tranquility VC

**Liver**

**REFERRING VET**

Dr. Antonelli

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

**INVOICE**

76005

**Gastrointestinal**

**DATE**

7/7/23

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal.



**PATIENT**

Figgy Hunt

Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

**SPECIES**

Canine

**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.

**BREED**

Springer Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Spayed female

Right adrenal mass with mineralization. Suspect carcinoma.

Shadowing gastric material.

**AGE**

10 ½ years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT evaluation or potential surgical planning would be warranted. Blood pressure measurements are recommended. If hypertension is an issue then urine catecholamine is indicated. The adrenal mass is potentially resectable.

**WEIGHT**

54 lbs

**ABOUT SONOPATH CT SERVICES:**

**SonoPath CT Services** are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/vetimaging/>

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

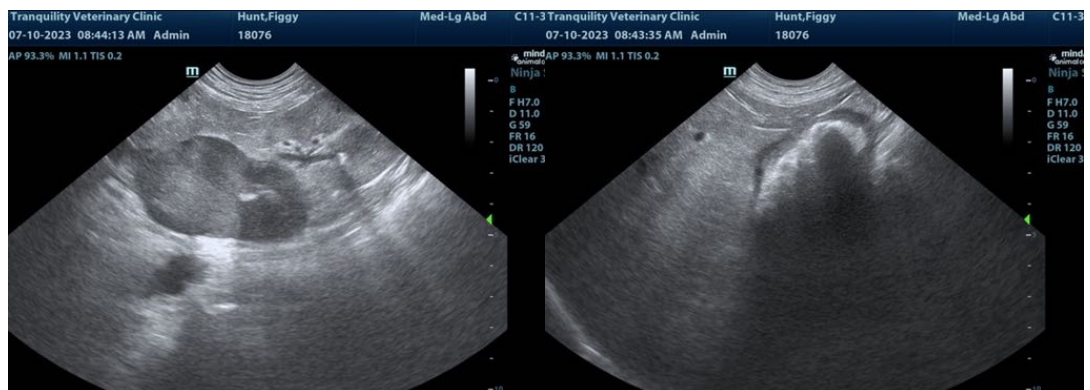
Dr. Christensen

**HOSPITAL NAME**

Tranquility VC

**REFERRING VET**

Dr. Antonelli



**INVOICE**

76005

**DATE**

7/7/23



**PATIENT**

Figgy Hunt

**SPECIES**

Canine

**BREED**

Springer Mix

**SEX**

Spayed female

**AGE**

10 ½ years

**WEIGHT**

54 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Christensen

**HOSPITAL NAME**

Tranquility VC

**REFERRING VET**

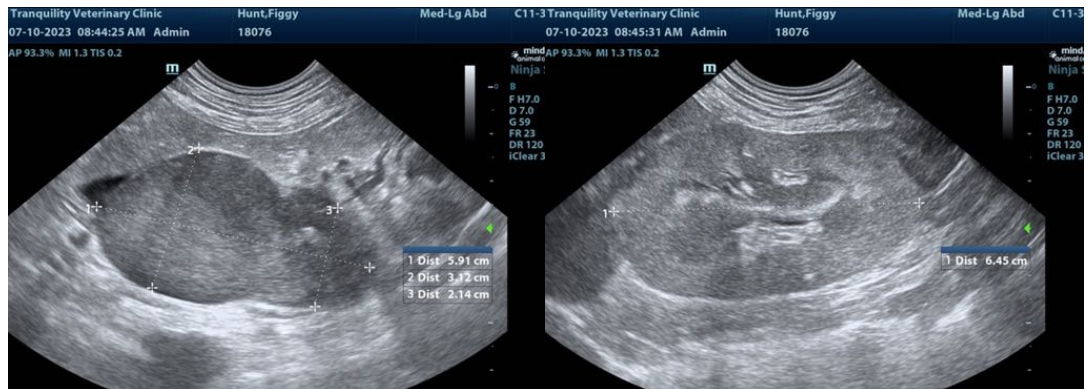
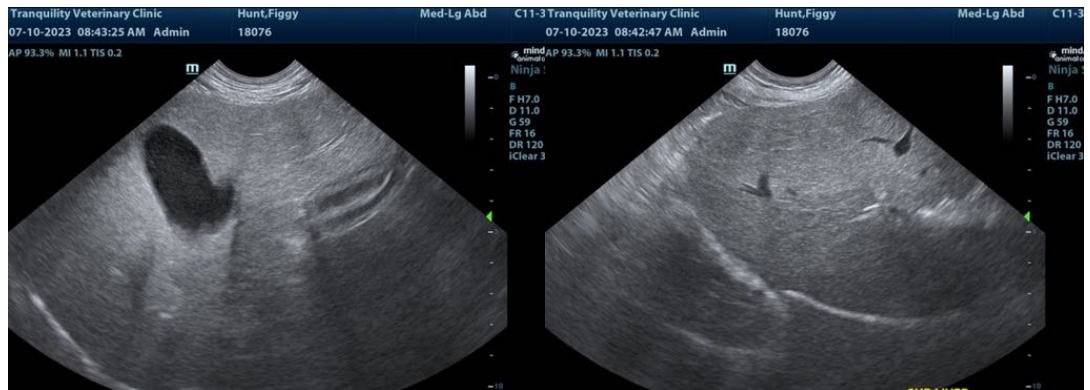
Dr. Antonelli

**INVOICE**

76005

**DATE**

7/7/23



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