

**DATE**

08/05/2022

**PRESENTING CLINICAL SIGNS**

P presented for routine OVH; preanesthetic labwork showed elevated ALT (249; upper end of normal 125). Ran bile acids and started 2w of amoxicillin and metronidazole. Bile acids normal. Recheck ALT 1 month later still elevated; now 358. P has no clinical signs per o; on interceptor and credelio.

**PATIENT**

Beatrix Kman

Current Medications: 2w course of amoxicillin 11mg/kg BID; and metronidazole 20mg/kg BID.

Lab Results: ALT 249 (H) 6/16, ALT 358 (H) 7/15. bile acids normal (pre <1; post 23.3 (upper end of normal 29.9))

**SPECIES**

Canine

Radiographs:

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Stephanie Warga RDCS, RVT.

**BREED**

Parsons Terrier

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****SEX**

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**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.

**AGE**

2016

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 left kidney measured 3.83 cm in length. The right kidney measured 3.41 cm in length.

**WEIGHT**

12lb

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

The right ovary was uniform measuring 1.2 cm x 0.6 cm. The left ovary measured 1.21 cm x 0.5 cm.

The uterus presented in the upper limits of normal size with a trace amount of luminal fluid measuring 0.73 cm.

**HOSPITAL NAME**Hickory Veterinary  
Hospital**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 1.61 cm in length by 0.44 cm caudal pole width by 0.44 cm cranial pole width. The right adrenal gland measured 1.5 cm in length by 0.38 cm caudal pole width by 0.46 cm cranial pole width.

**REFERRING VET**

Dr. McCourt

**Spleen****INVOICE**

11289ag

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.

**Liver**

The liver images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

### ***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.

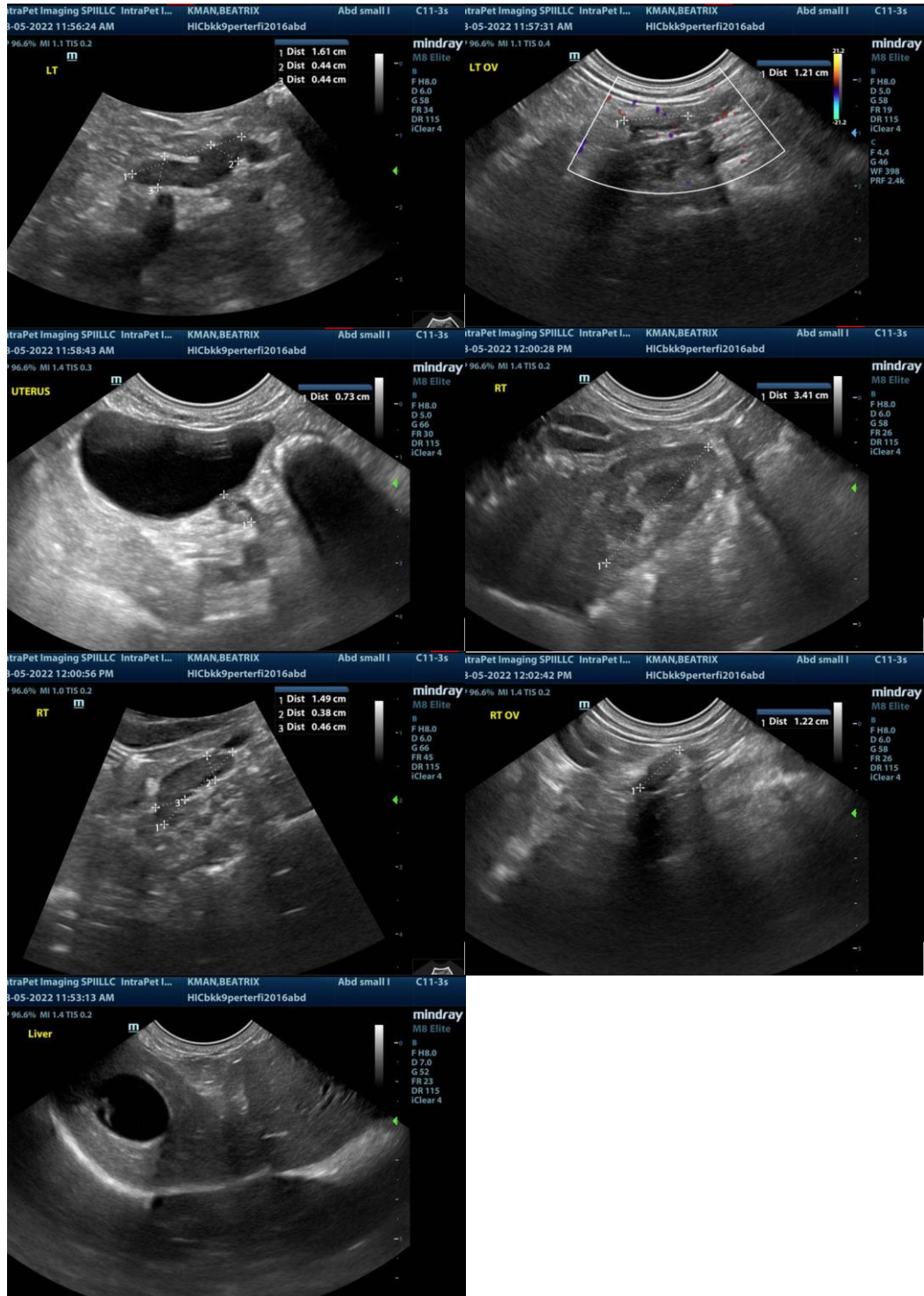
## **ULTRASONOGRAPHIC FINDINGS**

- Slightly prominent uterine base with slight fluid
- Unremarkable abdomen otherwise

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

Given the presentation of the uterus, OVH should be considered unless the patient is destined for reproductive activity. A normal abdomen otherwise.





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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