

**DATE PRESENTING CLINICAL SIGNS**

10/5/21

Diarrhea &amp; Referral.

**PATIENT**

History: Date: 10-05-2021 Notes: Owner has had Tiny for 2 weeks and was the runt of the litter. Has her sister as well who is much bigger.

Tiny Hall

Got from a breeder and just had stickers of vaccines hasn't had a rDVM appointment. Tiny does shake alot. She was eating Purina One with breeder and owner switched to puppy food. Was having diarrhea but, still ate last night and a little this morning. Had an appointment at 5

**SPECIES**

Canine

and on the car ride there to urgent care started to decline looked like she was seizing. Had a BG of 21 on presentation. Temp was also 95

**BREED**

Chihuahua X

Did full bloodwork there and got 3 boluses of dextrose and IV fluids. Abnormalities: HCT 20% WBC 26K Neutrophils 15k with bands lymphs

6.9K Monocytes 4.25k PLT 679 BUN/creat 41/0.2 TP 3.9 Alb 2.0 Glob 1.9 Amyl &gt;2500, Lipase 5883.

**SEX**

Female

Current Medications: Dextrose 50% Solution Injection (Per mL), Pyrantel Pamoate Suspension 50mg/mL, Maropitant Citrate (Cerenia) 10mg/mL Solution Injection (Per mL), Metronidazole Oral Susp 100mg/mL Lab Results: Alb 1.8, Glucose 42, variable hypoglycemic episodes.

Parvo = Negative

Date of Previous IntraPet Ultrasound: No previous

Sedation: not preformed, required if further imaging

Stat Report: not requested

**AGE**

7/26/21

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****WEIGHT**

0.89 Pounds

**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.**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSSThe **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 2.52 cm. The left kidney measured 2.4 cm.**HOSPITAL NAME**Animal Emergency  
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 right adrenal gland measured 0.97 cm x 0.23 cm at the caudal pole and 0.24 cm at the cranial pole. The left adrenal gland measured 0.58 cm x 0.28 cm at the cranial pole and 0.29 cm at the caudal pole.**REFERRING VET**

Dr. Silva

**Spleen**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.**INVOICE**

26074

**Liver**The **liver** presented uniform parenchyma and measured 2.84 cm in width. Slight oarse hepatic architecture noted with collapsed gallbladder. Trace physiologic free fluid noted. The gallbladder and common bile duct

were unremarkable. Portal vein/vena cava ratio was 1:1. No evidence of extrahepatic shunting. Hepatic vein inflow into the vena cava was normal. No evidence of intrahepatic shunting.

### ***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. Soft stool noted in the colon.

### ***Pancreas***

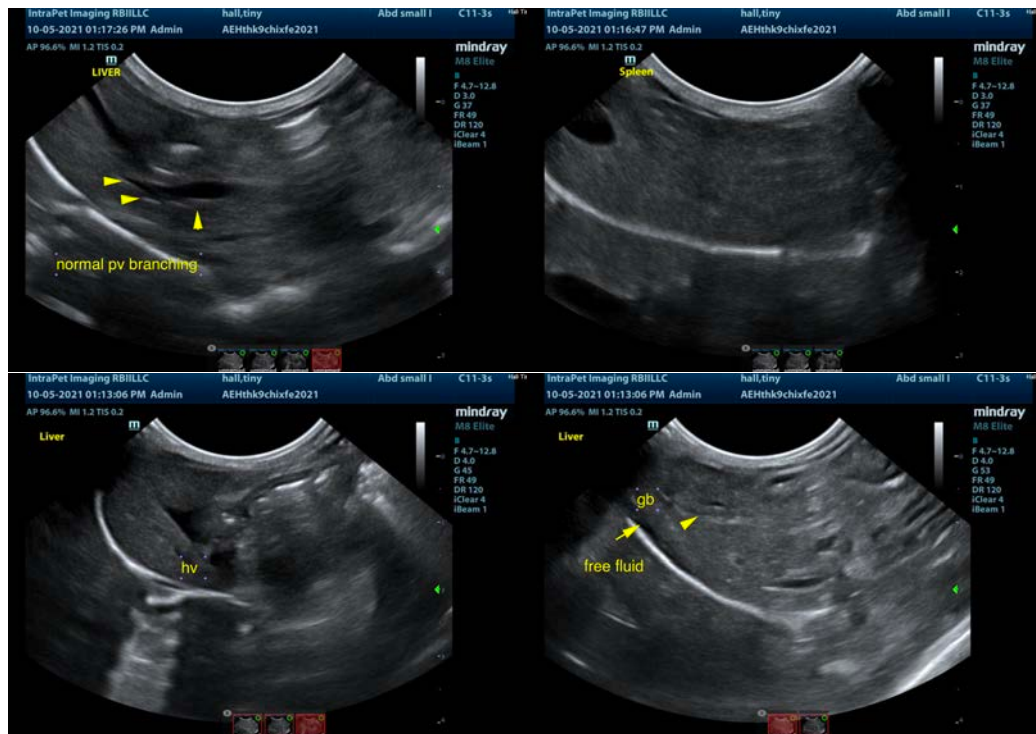
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

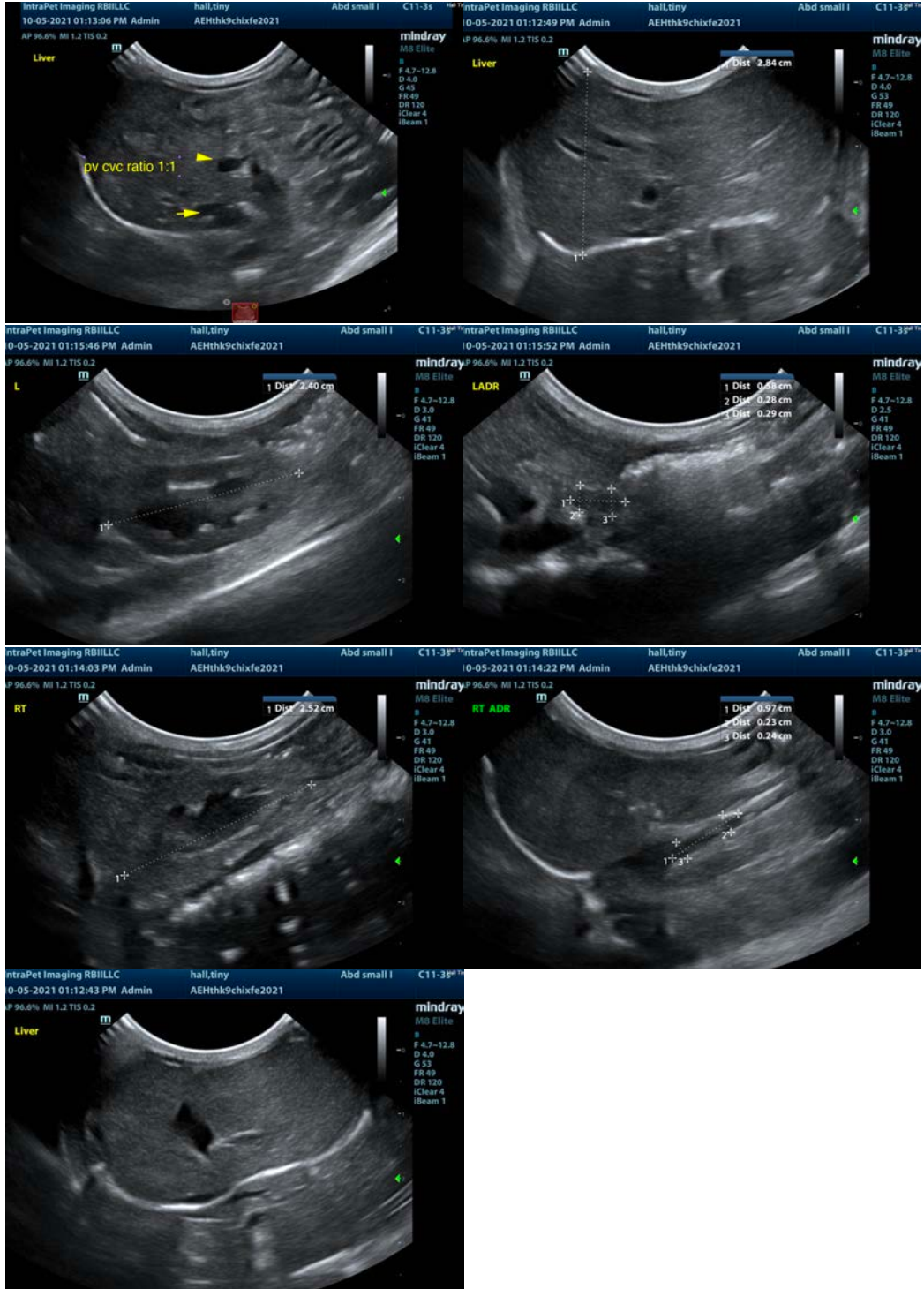
## **ULTRASONOGRAPHIC FINDINGS**

- Structurally unremarkable abdomen

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

No evidence of intrahepatic or extrahepatic shunting. Hypoglycemic syndrome likely playing a role in this patient. No evidence of structural pathology. Supportive care should prove effective. Bile acid profile would be warranted to assess for possibilities of portal hypoplasia/microvascular dysplasia, yet no macroscopic shunting is present. Normal branching of the portal vein noted without issue.





**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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