

**PATIENT**

Fernandez Jack-O

**SPECIES**

Canine

**BREED**

Jack Russell Terrier

**SEX**

N

**AGE**

14 Years

**WEIGHT**

24.5 lbs

**INTERPRETED BY**

Sebastian Jawinski,  
German Board Certified  
Vet Specialist in  
Diagnostic Imaging

**IMAGING PERFORMED BY**

Dr. Ferrer

**HOSPITAL NAME**

Paseos Veterinary  
Center

**REFERRING VET**

Dr. Ortiz

**INVOICE**

48071

**DATE**

10-28-21

**PRESENTING CLINICAL SIGNS**

PATIENT apparently continues to have "convulsions" in spite of keppra 250 mg po Q8hrs owner is concerned with vomiting and diarrhea? (keppra?) patient is OBESE 10/10 cbc - wnl chem - mild alk phos elevation recommended head CT but owner is worried to do anesthesia -- will do abdominal ultrasound to rule out other dzs \*\*\*

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary system**

The urinary bladder presents normal findings without evidence of uroliths or sediment. Wall layering is intact on all views without focal or diffuse thickening. Ureters are not visualized and considered to be normal. No evidence of an inflammatory or neoplastic process are noted.

Both kidneys are age appropriate with a fuzzy corticomedullary transition. Renal pelvises and exits to the ureters are unremarkable.

**Reproductive tract**

The prostate is small and inconspicuous.

**Adrenal glands**

Both adrenal glands are normal.

**Spleen**

The spleen is inconspicuous in terms of size, surface and echotexture and shows diameters of 0.9 cm. Splenic vasculature presents normal course of vessels and unremarkable perfusion of the splenic veins. There are no signs of nodular/focal changes are noted.

**Liver/Gallbladder**

The liver shows a subtle rounding of liver edges and a mildly undulating liver surface. Liver echogenic texture appears generally and moderately hyperechoic and is inhomogeneous/coarse with multiple small hyperechoic ill-defined areas.

The gallbladder shows a mild amount of sludge. The gallbladder wall is unremarkable without signs of a florid process or cholestasis.

**Gastrointestinal**

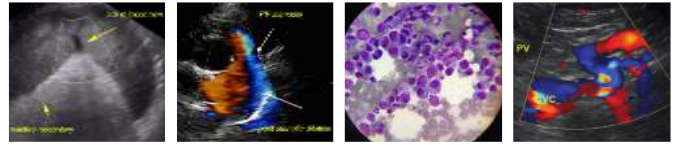
The stomach, the small intestine and colon present intact wall layers being normal in width and echogenicity. Adjacent mesentery and fat tissue are of normal appearance. There is no overt evidence of an ileus, a florid or even neoplastic process. Mesenteric, epigastric and portal lymph nodes are considered to be normal.

**Pancreas**

All pancreatic parts displayed show isoechoic echogenicity to the surrounding omental fat. Signs of inflammatory changes or focal lesions are missing.

**Free Abdomen**

There is no evidence peritoneal or retroperitoneal effusion noted.



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Abdominal fat and great vessels show no pathological findings.

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**ULTRASONOGRAPHIC FINDINGS**

- Mild hepatomegaly and signs of a chronic hepatopathy

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasonographic findings of the liver likely represent chronic liver disease such as chronic hepatitis, vacuolar liver disease and/or fatty infiltration since there no signs of nodular or focal changes that are suspicious for neoplasia. Findings are somehow expected, age-appropriate and could be due to long term treatment with cortisone, phenobarbital and other drugs. Clinical relevance is questionable. Infiltrative disease is a differential diagnosis but not suspected. FNA is needed for further evaluation.

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Especially stomach and small intestine including pancreas and gallbladder represent normal findings. Normal sonographic appearance does not fully exclude gastritis/pancreatitis or functional problems.

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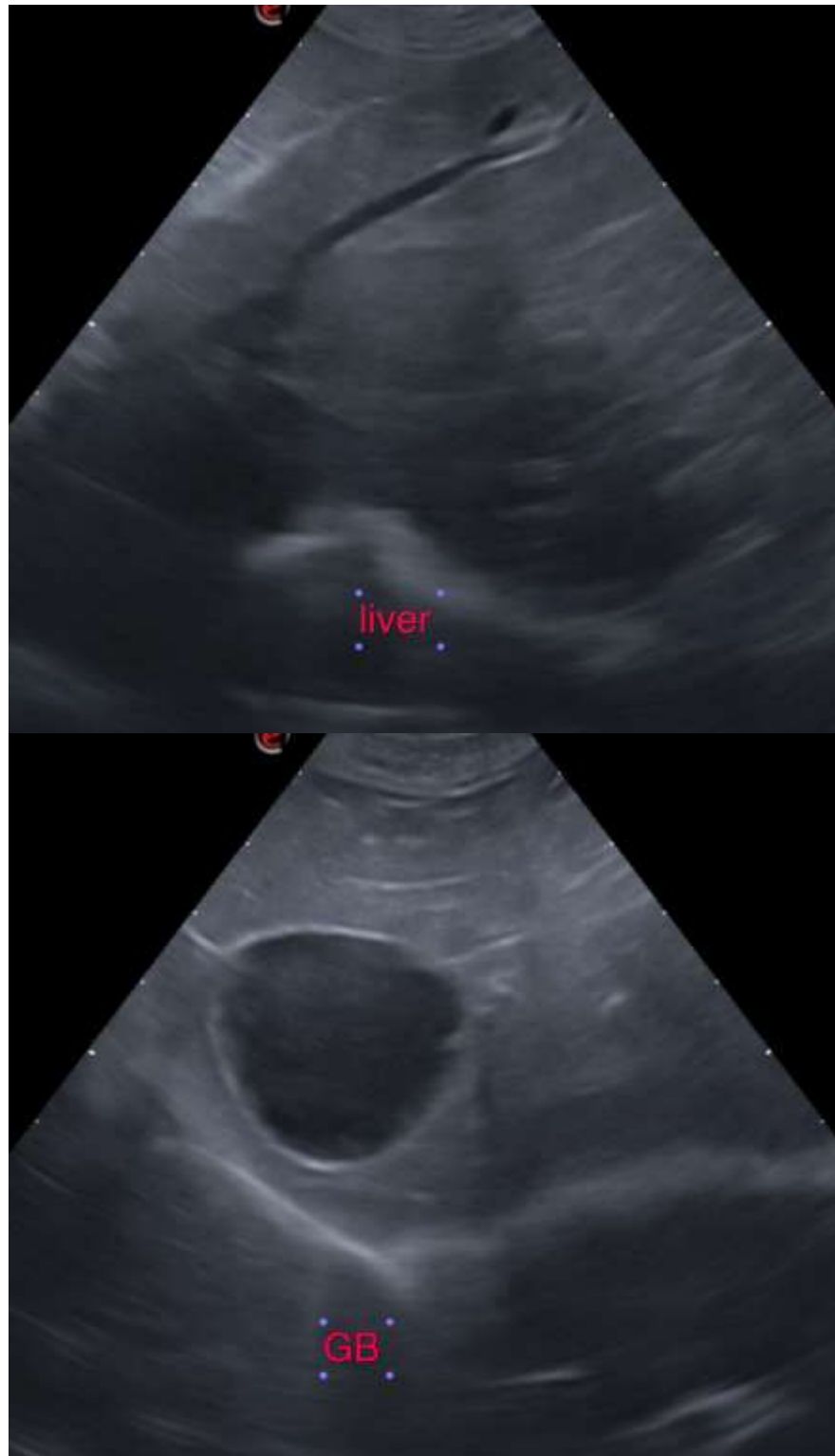
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The information and recommendations provided are based on the images presented by the referring



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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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info@sonopath.com

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