

**PATIENT**

Turba Weyrauch

**PRESENTING CLINICAL SIGNS**

History: 1. Patient initially diagnosed with pancreatitis but was asymptomatic on 9/7/22. 2. Seen again 11/23/22 diagnosed with chronic pancreatitis. Current Medications Denamarin 425 mg 1 tablet SID- last received on 12/15/22 in the afternoon.

**SPECIES**

Canine Abnormal PE/Chem/CBC/UA Results: 9/7/22 CBC, Chemistry, and CPL snap test done, results: Amy = 1463 H, CPL - abnormal, ALP = 238 H, ALT = 165 H 11/23/22 Amy= 1311, ALP= 222, ALT= 66, CPL abnormal

**BREED**

Border Collie X

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**SEX**

Spayed Female

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. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

**AGE**

10 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.45 cm.

**WEIGHT**

51 Pounds

**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 2.5 cm x 0.51 cm at the cranial pole and 0.68 cm at the caudal pole. The right adrenal gland measured 2.43 cm x 1.13 cm at the cranial pole and 0.82 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV, DABVP, Cert. IVUSS

**Spleen**

**HOSPITAL NAME**

Echo Hollow VH & UC

The **spleen** has been previously removed. The region of the splenic fossa was unremarkable with no return of prior pathology.

**Liver**

**REFERRING VET**

Dr. Penfold

The **liver** was diffusely hyperechoic to falciform fat with hypoechoic remodeling. The gallbladder and common bile ducts were unremarkable. Attenuating sound beam was noted, owing to diffuse lipidosis or similar pathology. Bile acid profile is warranted.

**Gastrointestinal**

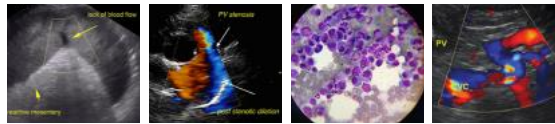
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20132

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. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool

**DATE**

12/16/22



**PATIENT** consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Turba Weyrauch

**Pancreas**

**SPECIES**

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.

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Border Collie X

- Metabolic hepatopathy/lipidosis with remodeling
- Partially full stomach
- Age-related renal changes
- Unremarkable abdomen otherwise

**SEX**

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

10 Years

FNA is warranted for further definition to assess for suppurative hepatitis. Bile acid profile is indicated. No suspicion of neoplasia.

**WEIGHT**

51 Pounds

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Eric Lindquist, DMV, DABVP, Cert. IVUS

**HOSPITAL NAME**

Echo Hollow VH & UC

**REFERRING VET**

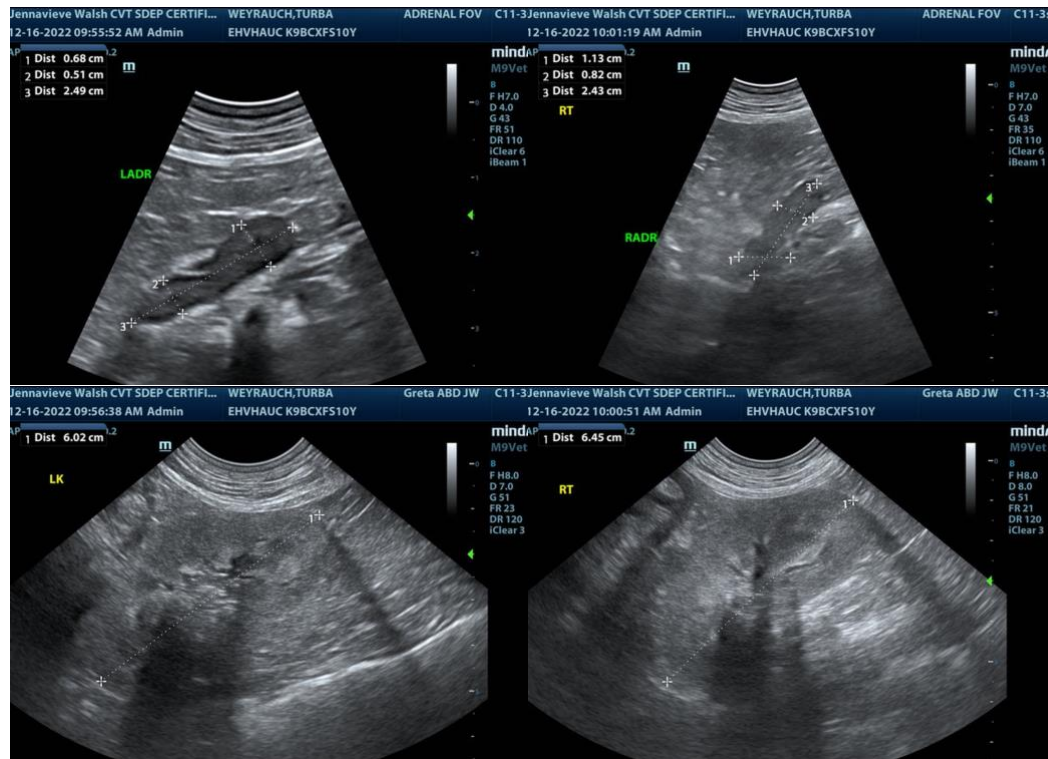
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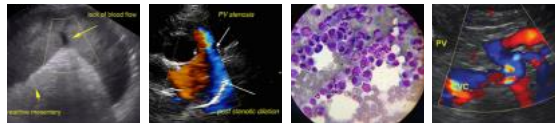
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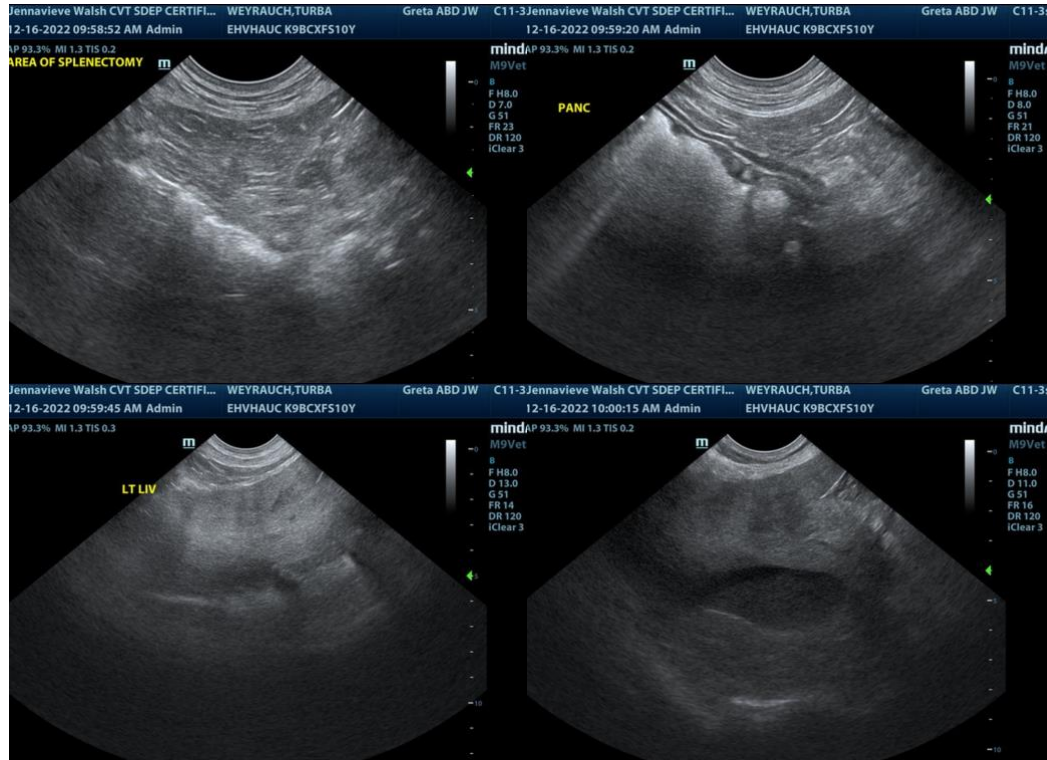
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Turba Weyrauch

**SPECIES**  
Canine

**BREED**  
Border Collie X

**SEX**  
Spayed Female

**AGE**  
10 Years



**WEIGHT**  
51 Pounds

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.

**INTERPRETED BY**

Eric Lindquist, DMV, DABVP, Cert. IVUSS

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  
Eric.Lindquist@SonoPath.com

**HOSPITAL NAME**

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