



## PATIENT

Paige Inserra

## SPECIES

Canine

## BREED

Doberman Pinscher

## SEX

Female

## AGE

2 years

## WEIGHT

53 lbs

## INTERPRETED BY

Remo Lobetti, BVSc,  
MMedVet (Med),  
PhD, Dipl. ECVIM

## IMAGING PERFORMED BY

Shari Reffi, CVT

## HOSPITAL NAME

Animal Health Center

## REFERRING VET

Dr. Blease

## INVOICE

71119

## DATE

2/2/26

## PRESENTING CLINICAL SIGNS

- Continuing to a significant amount of weight, yellow stool
- Current Medications: Interceptor + 50-100lbs, Denamarin 425mg, Pancreazyme 425mg, (Torb/Midaz sedation for u/s)
- Abnormal PE/Chem/CBC/UA Results: AST 90; ALT 522; ALKP 368; Prec. PSL 15

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 5.7 cm, right measured 5.7 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Both kidneys have a normal color flow pattern.

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.2 cm in length x 0.45 cm and 0.5 cm in width. The right adrenal gland measured 1.76 cm in length x 0.6 cm and 0.47 cm in width.

### *Spleen*

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 2.3 cm in width.

### *Liver*

Normal size with a diffuse, increased echogenic and coarse appearance, normal portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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## ***Gallbladder***

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

## ***Gastrointestinal***

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

## ***Pancreas***

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

## ***Free Abdomen***

Normal mesenteric lymph nodes.

No ascites evident.

## ***Thorax***

Normal appearance of the heart. No pericardial or pleural effusion evident.

## **ULTRASONOGRAPHIC FINDINGS**

- Hepatopathy.

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

The likely etiologies for the hepatopathy would be breed specific hepatitis and chronic active hepatitis. Reactive hyperplasia, vacuolar and metabolic would be less likely differential diagnosis.

Further assessment would be FNA cytology of the liver. However, a tru cut or wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management would be to continue with the current therapy and to add Ursodiol with regular monitoring of liver enzyme activity.



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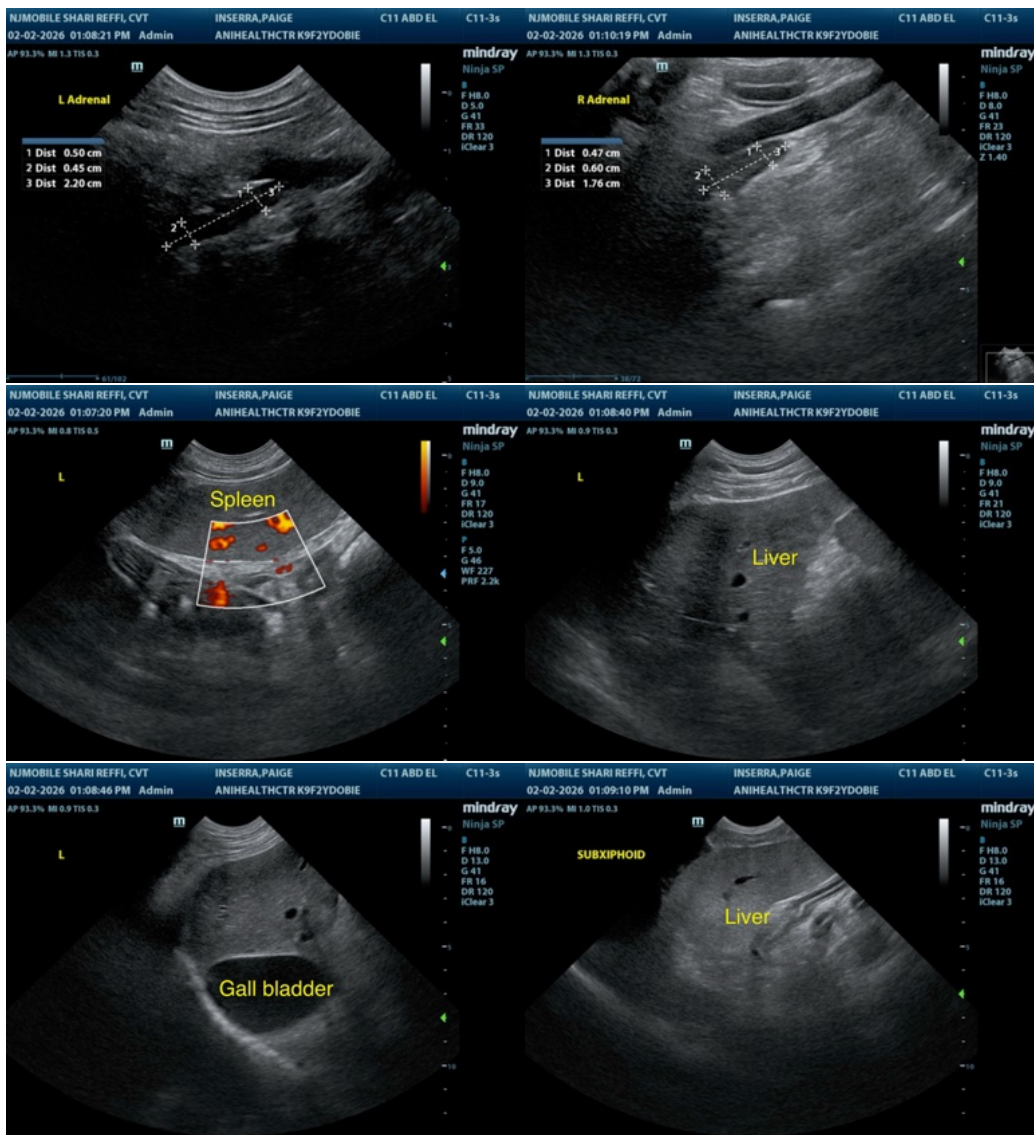
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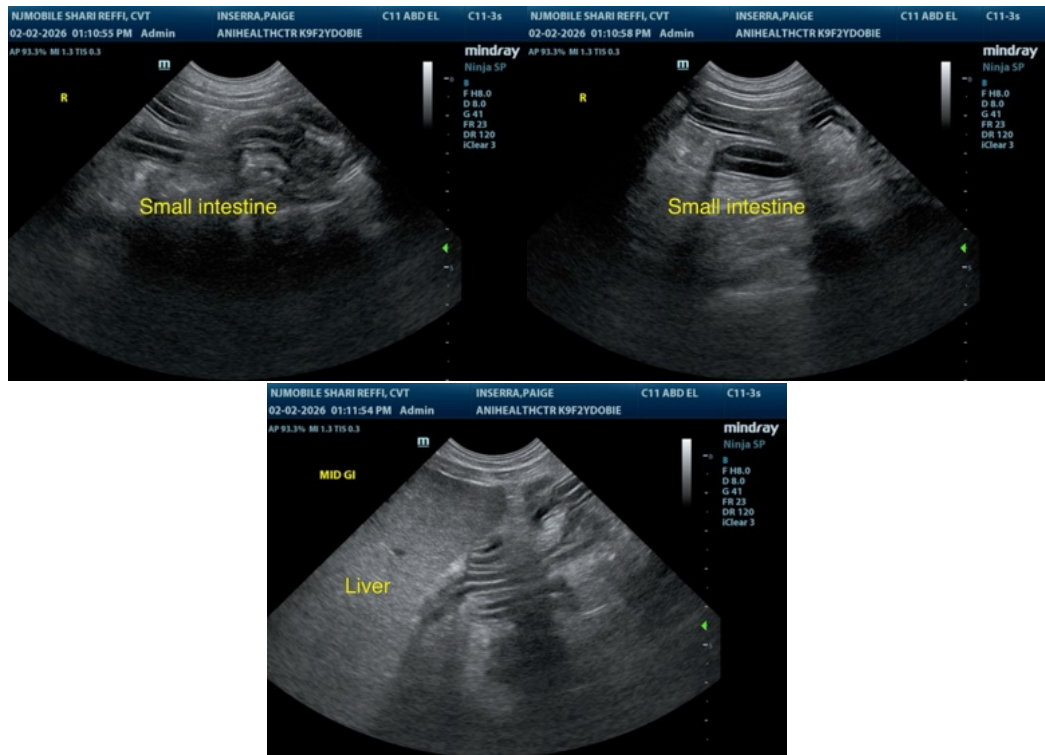
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

[info@sonopath.com](mailto:info@sonopath.com)