



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Purl Zeilinger History: Treated for pneumonia two months ago – elevated ALP on bloods. Pneumonia resolved but ALP remained elevated despite Denamarin therapy. Currently asymptomatic.

SPECIES Canine Physical Examination: N/A.

BREED Shih Tzu Urinalysis: N/A.

SEX FS
AGE 12 years
WEIGHT 16.6 #
INTERPRETED BY Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM

CBC: N/A.
Serum Biochemistry: Elevated ALP.
Radiographic Findings: Normal abdomen.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra, and iliac blood vessels.
Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (both 3.8 cm), echogenic appearance, cortico-medullary differentiation, capsule, and pelvis.

Reproductive System

N/A.

Adrenal Glands

Normal shape, position, echogenic appearance, and size.

Spleen

Normal size with a diffuse hyperechogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with a diffuse increased echogenic appearance, and some loss of portal markings. No nodules or masses evident. Full gall bladder containing small amount of non-adherent hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

IMAGING PERFORMED BY

M Kermendy, CVT

HOSPITAL NAME

Wauwatosa Veterinary Clinic

REFERRING VET

Dr Jamie Oaks

INVOICE

302642

DATE

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PATIENT *Pancreas*

Purl Zeilinger Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

Shih Tzu

SEX Primary Findings:
• Hepatopathy.

FS Secondary Findings:

AGE • Gall bladder sediment.

12 years

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

16.6 # Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, early cirrhosis, and early nodular regeneration, with infiltrative neoplasia a far less likely differential diagnosis.

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Further assessment would be urinalysis and FNA cytology of the liver. Even though there is no adrenomegaly, with the chronic elevated ALP activity, adrenal function testing (ACTH/low dose dexamethasone suppression test) should be considered.

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Specific therapy would be dependent on an etiological diagnosis. Ideal supportive therapy for the liver and gall bladder would be ursodiol.

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PATIENT IMAGES

Purl Zeilinger **Liver**

SPECIES

Canine

BREED

Shih Tzu

SEX

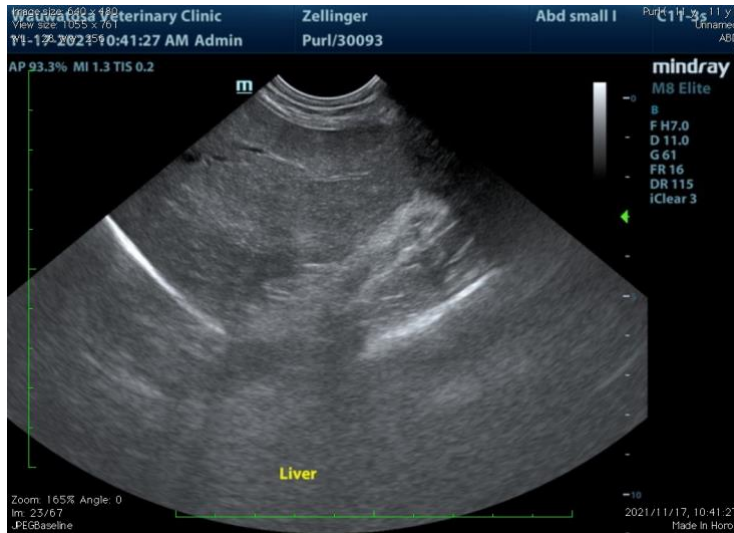
FS

AGE

12 years

WEIGHT

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Gall bladder



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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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