



PATIENT

Oscar Fagan

SPECIES

Canine

BREED

Aussiedoodle

SEX

MN

AGE

7

WEIGHT

32.6

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Dr. Lucy Will

HOSPITAL NAME

Viking Veterinary
Hospital – Idaho Falls

REFERRING VET

Dr. Lucy Will

INVOICE

11996

DATE

5/25/2026

PRESENTING CLINICAL SIGNS

Newly diagnosed diabetic, presented as a DKA. He has been vomiting and not eating for a few days prior to presentation.

Abnormal PE/Chem/CBC/UA Results: PE wnl Lab work hyponatremia, elevated liver enzymes, tbil and cholesterol.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

The left kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The left kidney measured 6.6 cm in length.

The right kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 7.1 cm in length.

Adrenal Glands

The adrenal glands are not clearly visualized.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

Liver is subjectively enlarged (swollen contour) without disruption of architecture. It has a normal homogenous echotexture. Parenchyma is diffusely hyperechoic characterized by less prominent than normal portal vein walls and increased echogenicity relative to the spleen and falciform fat. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

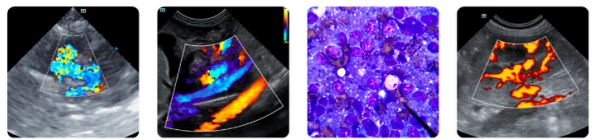
Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

Free Abdomen



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There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

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ULTRASONOGRAPHIC FINDINGS

SPECIES

- Hyperechoic hepatomegaly – This appearance is non-specific and most consistent with a benign steroid (endocrine) or vacuolar hepatopathy or reactive or idiopathic hepatopathy. Inflammatory and/or infiltrative disease (such as round cell neoplasia) are also possible but considered less likely. This is consistent with newly diagnosed diabetes mellitus causing a glycogen type vacuolar hepatopathy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Aussiedoodle

The appearance of the liver is expected in a diabetic patient. There are no obvious GI signs for the patient's reported vomiting and anorexia are observed on this exam. I suspect these disorders are due to the patient's metabolic disturbances from the newly diagnosed diabetes mellitus, and diabetic ketoacidosis.

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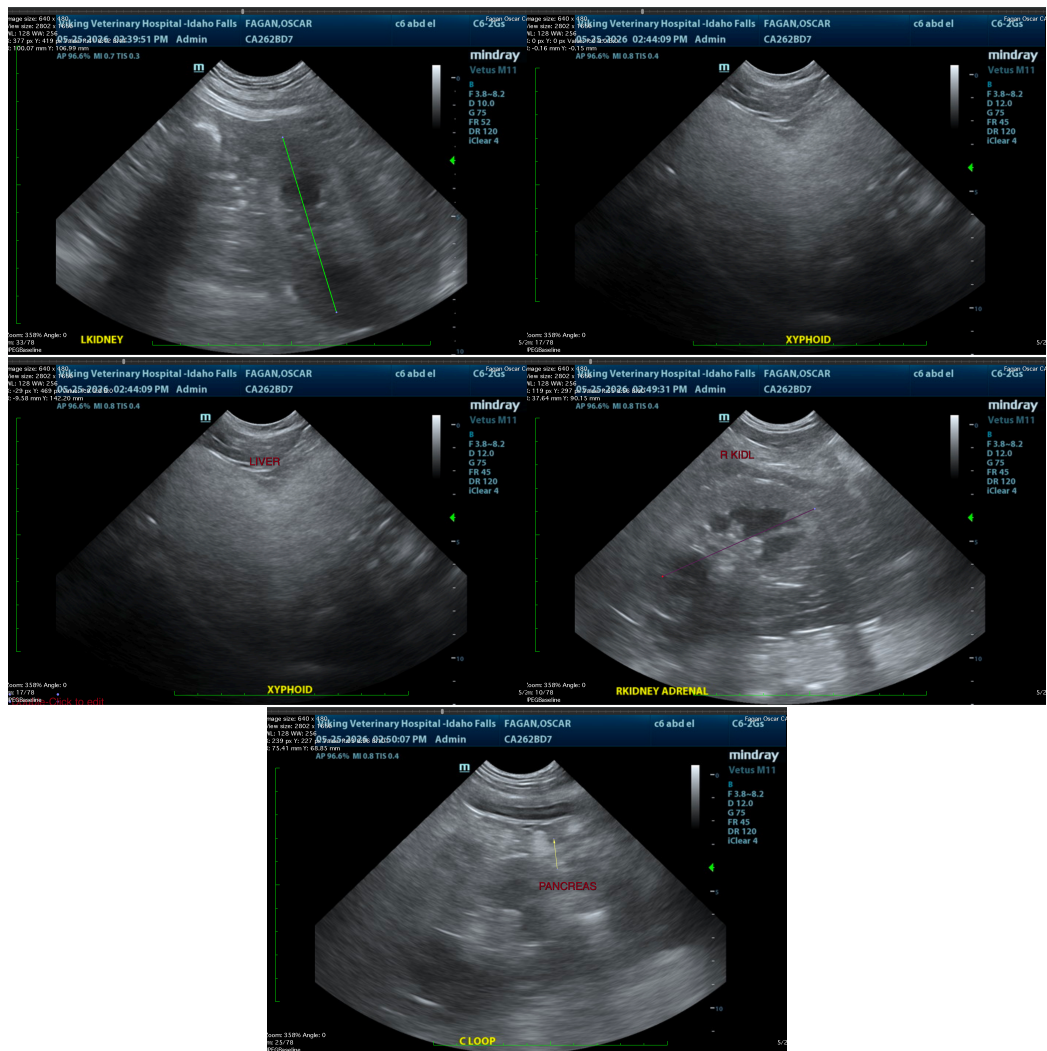
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist
info@SonoPath.com