



## PATIENT

Jake Sindelar

## SPECIES

Canine

## BREED

Mix

## SEX

Neutered male

## AGE

12 years

## WEIGHT

42 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Gudrun Gunther

## HOSPITAL NAME

New Frontier Animal  
Medical Center

## REFERRING VET

Dr. Gunther

## INVOICE

69230

## DATE

12/12/25

## PRESENTING CLINICAL SIGNS

History: Patient has atypical Addison's and is on Prednisone 2.5mg SID Ultrasound to work up cause for progressive elevation ALT in the last year with most significant change occurring in last month  
Asymptomatic  
Abnormal PE/Chem/CBC/UA Results: December 2024 - ALT 99 (ALP 1500) November 2025 - ALT 299, ALP 2000 December 2025 - ALT 368, ALP 2000 ALB normal, glucose normal

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.9 cm.

### Adrenal Glands

Both **adrenal glands** were flattened and isoechoic. The right adrenal gland measured 1.94 x 0.3 cm at the cranial pole and 0.4 cm at the caudal pole. The left adrenal gland measured 0.44 cm in width.

### Spleen

The **spleen** was slightly heterogenous with mild irregular contour.

### Liver

The **liver** in this patient revealed an expansive, mixed echogenic 6.2 cm mass in the left lateral liver. Other minor heterogenous parenchymal changes were noted in the liver. A macronodular mass was noted in the right dorsal liver and measured 5.9 cm. A separate caudate mass was also noted and measured 8.0 cm. This mass deviated the stomach ventrally. The gallbladder was somewhat deviated.

### Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



## PATIENT

Jake Sindelar

## SPECIES

Canine

## BREED

Mix

## SEX

Neutered male

## AGE

12 years

## WEIGHT

42 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Gudrun Gunther

## HOSPITAL NAME

New Frontier Animal  
Medical Center

## REFERRING VET

Dr. Gunther

## INVOICE

69230

## DATE

12/12/25

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

## Pancreas

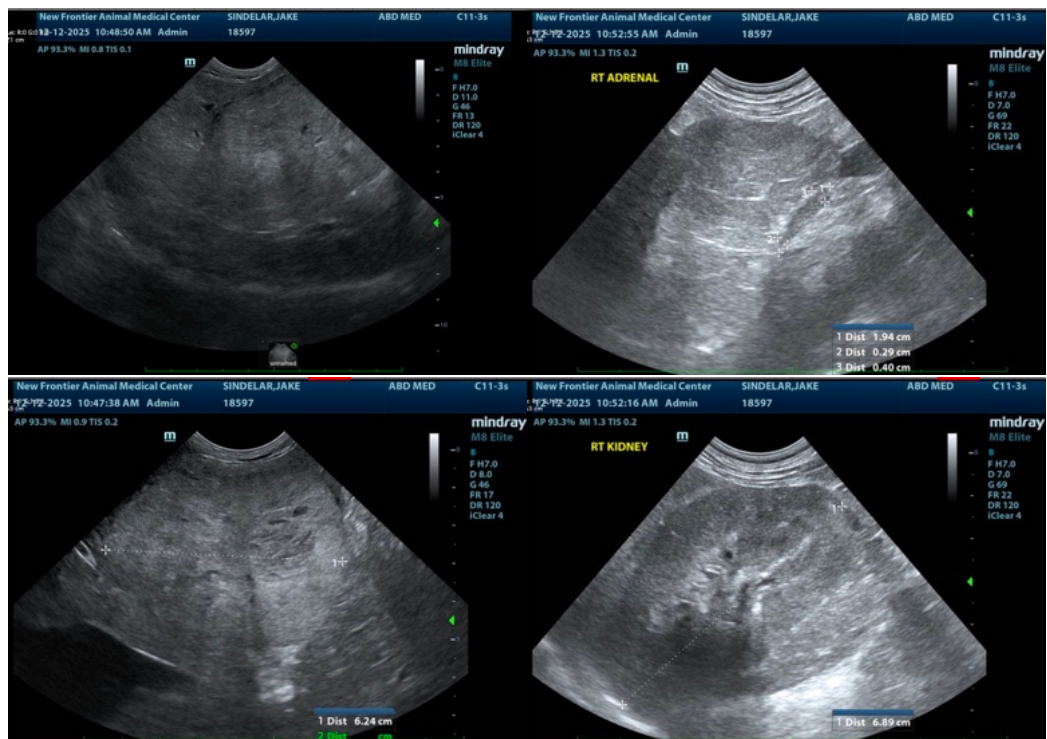
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## ULTRASONOGRAPHIC FINDINGS

Multi-focal hepatic neoplasia.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I suspect carcinoma, hemangiosarcoma and granulomatous disease are possible yet less likely. 25-gauge ultrasound-guided FNA of the various nodules and masses are recommended for further definition.





**PATIENT**

Jake Sindelar

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Neutered male

**AGE**

12 years

**WEIGHT**

42 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Gudrun Gunther

**HOSPITAL NAME**

New Frontier Animal  
Medical Center

**REFERRING VET**

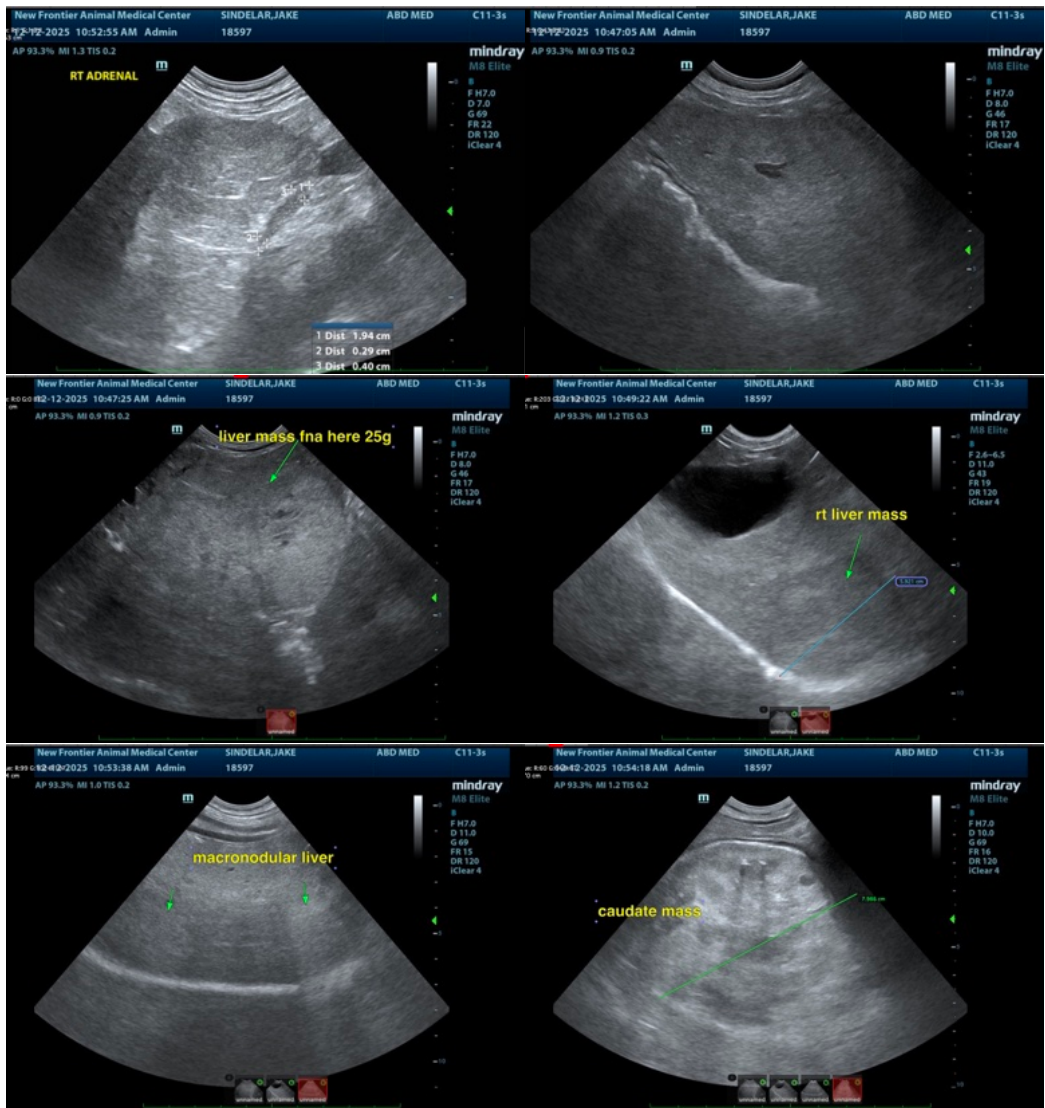
Dr. Gunther

**INVOICE**

69230

**DATE**

12/12/25



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.

Eric Lindquist, DMV, DABVP (CFM), Cert. IVUSS, CEO of SonoPath.com

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