



## PATIENT

Simon Hayes

## PRESENTING CLINICAL SIGNS

Had convenia Monday (11/17), Depo medrol on Tuesday (11/18), was doing better, radiographs Monday and Wednesday were WNL, Today (11/21) dyspneic and lungs appear congested

## SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: Today started having difficulty breathing. repeated radiographs, Now has pleural effusion presumably due to depo medrol injection causing steroid induced DCM ultrasound for liver insult 11-17-2025 ALT 1,340 Total Bilirubin 1.4 CPK 8,746 treated with fluids and convenia and depomedrol 11-20-2025 ALT 575 Total Bilirubi 1.2 CPK 2,705

## BREED

DSH

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

## SEX

M

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

## AGE

8yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 4.2 cm in length. The right kidney measured 4.6 cm in length.

## WEIGHT

11.60lb

The area of the aortic trifurcation was free of pathology.

### *Adrenal Glands*

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.

### *Spleen*

## IMAGING PERFORMED BY

Dr. Ashley Whitesell

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

## HOSPITAL NAME

Dickson Animal Clinic

### *Liver/Gallbladder*

## REFERRING VET

Dr. Richard Hovis

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. Subjective emerging prominent hepatic musculature at the level of the hepatic vein caudal vena cava junction in conjunction with mildly prominent cranial abdomen caudal vena cava measuring 0.75 cm in diameter. The gallbladder was non-distended in size with primarily anechoic luminal content. The common bile duct was not visualized without overt evidence of dilation or post hepatic obstructive criteria.

## INVOICE

23007

### *Gastrointestinal*

## DATE

11/21/2025



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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with mild lumen gas and no signs of ileus, obstruction or foreign material.

## SPECIES

Feline

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

## Pancreas

## BREED

The area of the pancreas was sonographically normal.

## DSH

## Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

## SEX

No current ascites.

## M

Transdiaphragmatic view revealed subjective mild volume caudal pleural effusion with prominent to diffuse pulmonary comet tail artifact.

## AGE

## ULTRASONOGRAPHIC FINDINGS

8yr

## Primary

## WEIGHT

11.60lb

- Hepatomegaly with potential emerging hepatic congestion.
- Normal non-edematous gallbladder.
- Transdiaphragmatic pleural effusion and significant pulmonary comet tail artifact

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology could be considered primarily to assess for inflammatory criteria in conjunction with ALT elevation. Occult hepatic neoplasia thought less likely. No evidence of post-hepatic obstruction. Hepatosupportive medications, consideration for empirical cholangiohepatitis therapy and sonographic monitoring or reassessment if progressive hepatopathy or evidence of ascites is recommended.

## IMAGING PERFORMED BY

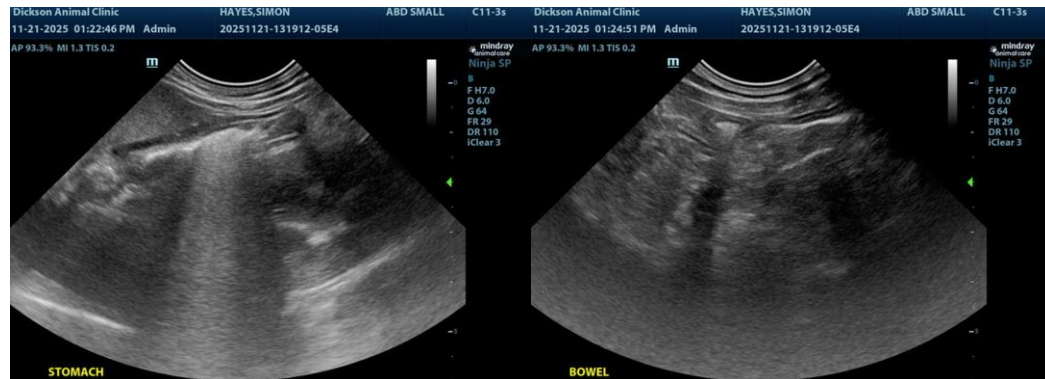
Dr. Ashley Whitesell

## HOSPITAL NAME

Dickson Animal Clinic

## REFERRING VET

Dr. Richard Hovis



## INVOICE 23007

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11/21/2025



**PATIENT**

Simon Hayes

**SPECIES**

Feline

**BREED**

DSH

**SEX**

M

**AGE**

8yr

**WEIGHT**

11.60lb

**INTERPRETED BY**

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DVM, DABVP  
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**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

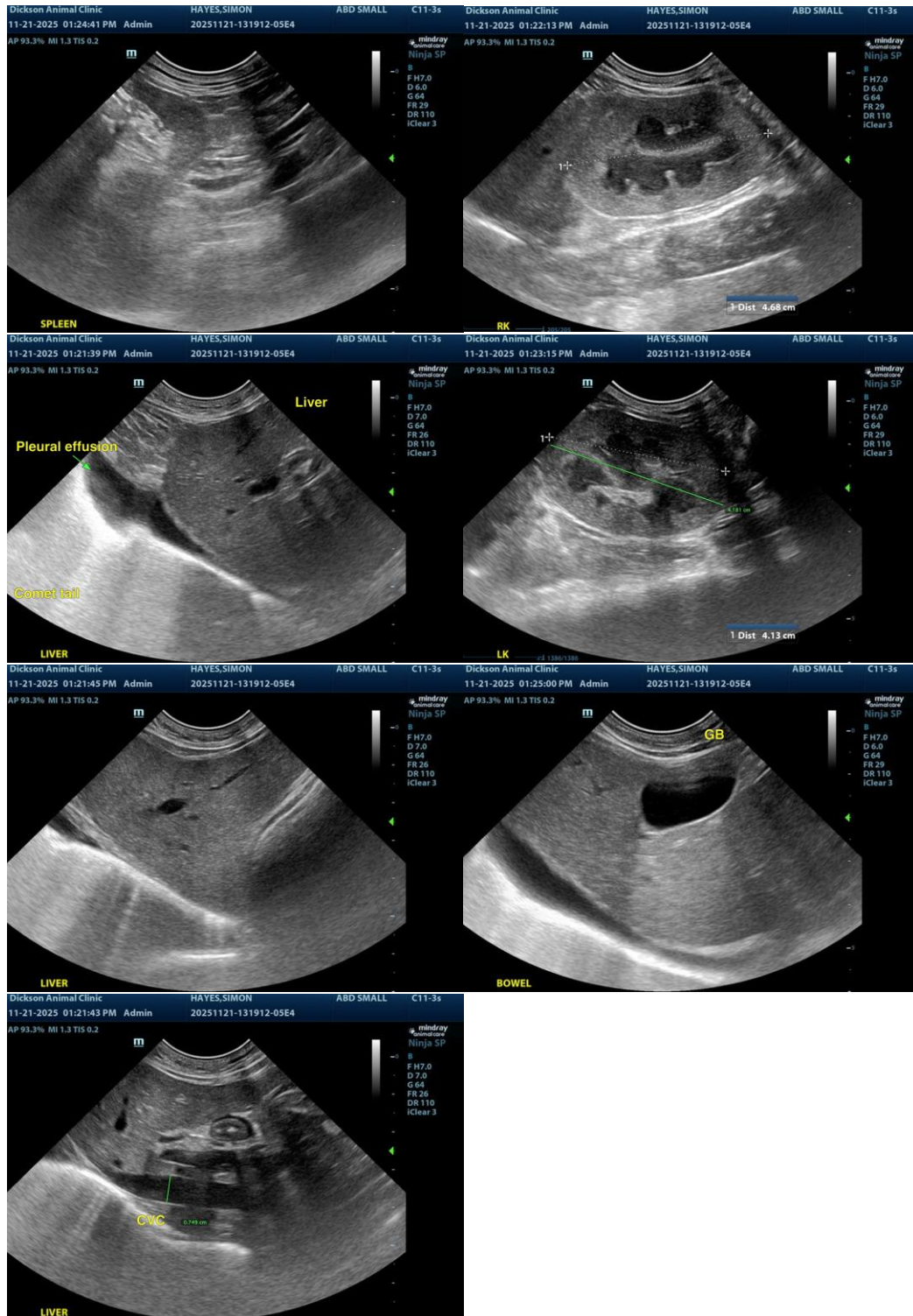
Dickson Animal Clinic

**REFERRING VET**

Dr. Richard Hovis

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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



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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.

## SPECIES

Feline

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

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

## BREED

DSH

## SEX

M

## AGE

8yr

## WEIGHT

11.60lb

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