



**PATIENT PRESENTING CLINICAL SIGNS**

Angus Hale History: Recent surgery for GDV, splenectomy and gastropexy correction. Hepatic nodule found at surgery – FNA pending.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

**BREED** CBC: N/A.

Standard Poodle Serum Biochemistry: N/A.

Radiographic Findings: N/A.

**SEX**

MN

**AGE**

12 years

**WEIGHT**

26.6 kg

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full 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 (1.6 cm). Ureters not visualized.

Normal renal size (left 7.1 cm, right 7.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal blood flow, capsule, and pelvis.

**Reproductive System**

Small hypoechogenic prostate (2.5 cm).

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 2.26 x 0.29/0.58, right 2.46 x 0.58/0.59 cm.

**HOSPITAL NAME**

**Spleen**

Absent – previous splenectomy.

**REFERRING VET**

**Liver**

Dr Alastair Westcott,  
DVM

Normal size, echogenic appearance, and portal markings. Two well circumscribed parenchymal mottled echogenic masses (largest 3 cm). Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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**Gastrointestinal**

**DATE**

3/1/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.3 cm) and peristaltic activity, and no distension of the lumen. Large amount of ingesta within the stomach, fecal material in the colon.



**PATIENT** *Pancreas*

Angus Hale Normal size (right 1.4 cm, left 1.5 cm) with a diffuse hyperechogenic appearance. Visible pancreatic duct (0.3 cm). Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES**

Canine *Free Abdomen*

**BREED**

Standard Poodle No mesenteric lymphadenomegaly.  
No ascites.  
Focal poorly vascularized well circumscribed mass (1.8 x 2.7 cm) in the cranial abdomen

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**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Abdominal mass.
- Hepatic masses.

Secondary Findings:

- Pancreatic fibrosis.
- Age-related renal changes.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The two most likely etiologies for the abdominal and hepatic masses would be neoplasia and granulomas.

Although the appearance of the pancreas is typical for fibrosis, chronic pancreatitis would be a differential diagnosis.

Further assessment needs to be based on the results of the FNA cytology of the hepatic mass but could include cPL/PSL assay, FNA cytology of the abdominal masses, and 3-view thoracic radiographs.

Specific therapy would be dependent on an etiological diagnosis.

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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**PATIENT IMAGES**

Angus Hale **Liver**

**SPECIES**

Canine

**BREED**

Standard Poodle

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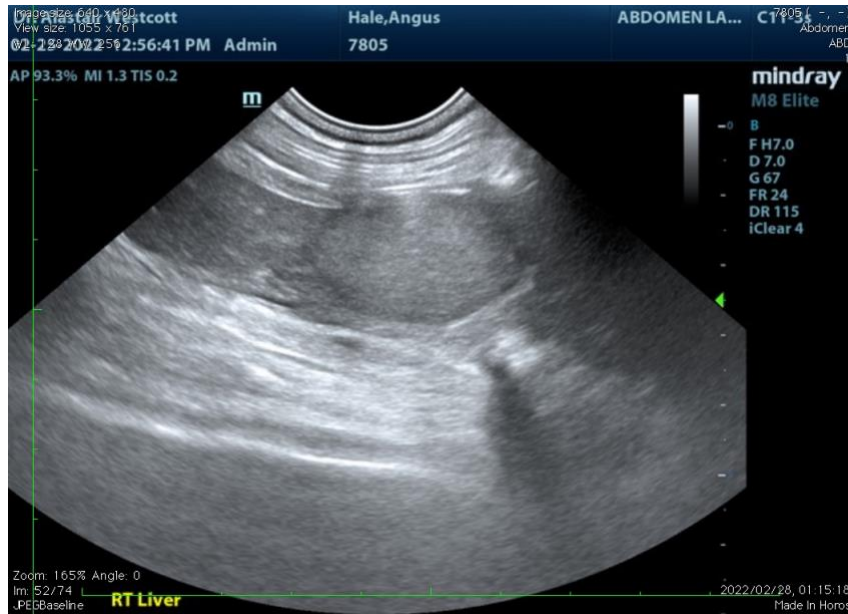
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**Gall bladder**





**PATIENT Abdominal mass**

Angus Hale

**SPECIES**

Canine

**BREED**

Standard Poodle

**SEX**

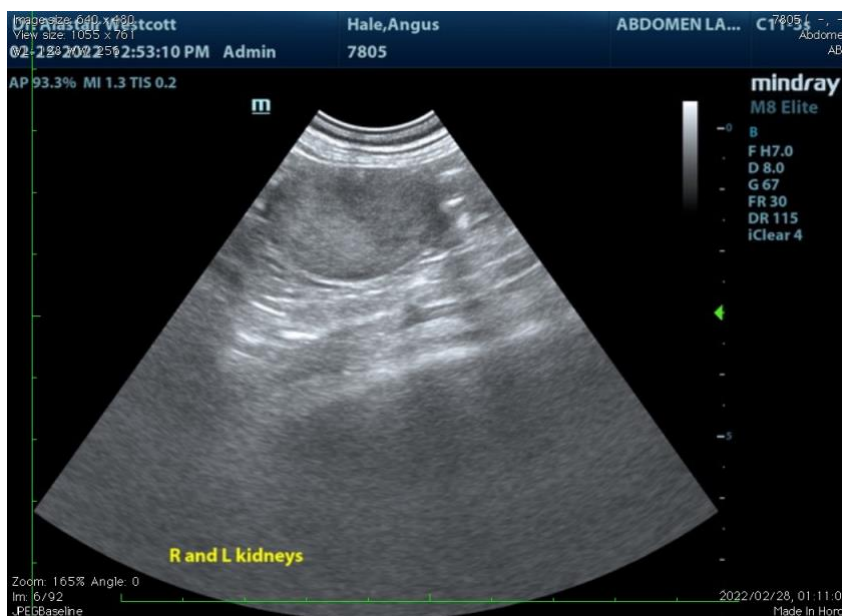
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**IMAGING PERFORMED BY**

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