



**PATIENT**

Sophie Toong

**PRESENTING CLINICAL SIGNS**

anal gland removal bx came back as Apocrine Gland Carcinoma with recommended BW and U/S. BW sent to Idexx today 12/3

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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 were noted. Ureteral papillae were normal. The iliac trifurcation was unremarkable, no evidence of pathology.

**BREED**

Havanese

**SEX**

Spayed Female

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.9 cm. The left kidney measured 4.1 2 cm.

**AGE**

6 Years

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.8 cm at the cranial pole and 0.5 cm at the caudal pole. The left adrenal gland measured 0.5 cm.

**WEIGHT**

18.2 Pounds

**Spleen**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The **spleen** revealed a hypoechoic expansive nodule at the caudal pole, measuring 1.17 cm x 1.04 cm. Minor heterogeneous changes noted elsewhere in the spleen.

**Liver**

**IMAGING PERFORMED BY**

Kayla Hanson

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**HOSPITAL NAME**

Yorkville AH

**Gastrointestinal**

**REFERRING VET**

Dr. Long

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

**INVOICE**

33241

**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.

**DATE**

12/3/21



**PATIENT**

Sophie Toong

**ULTRASONOGRAPHIC FINDINGS**

- Focal splenic nodule – hyperplasia, round cell neoplasia, hemangiosarcoma all possible.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA of the splenic nodule indicated, or direct splenectomy could be justified after 3-view chest radiographs and echocardiogram to assess for metastatic disease. No evidence of metastatic disease related to the anal gland pathology.

**BREED**

Havanese

**SEX**

Spayed Female

**AGE**

6 Years

**WEIGHT**

18.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Kayla Hanson

**HOSPITAL NAME**

Yorkville AH

**REFERRING VET**

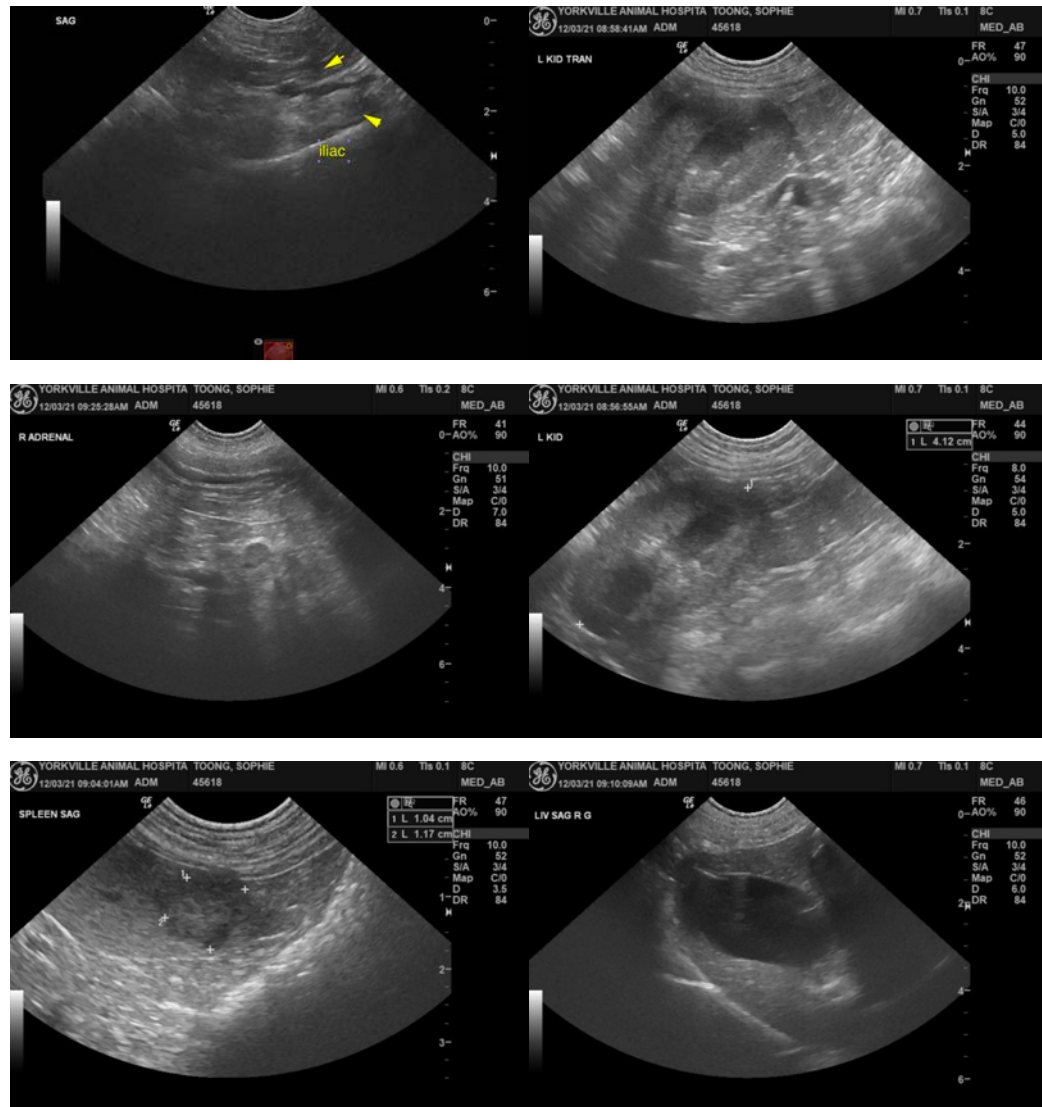
Dr. Long

**INVOICE**

33241

**DATE**

12/3/21





**PATIENT**

Sophie Toong

**SPECIES**

Canine

**BREED**

Havanese

**SEX**

Spayed Female

**AGE**

6 Years

**WEIGHT**

18.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Kayla Hanson

**HOSPITAL NAME**

Yorkville AH

**REFERRING VET**

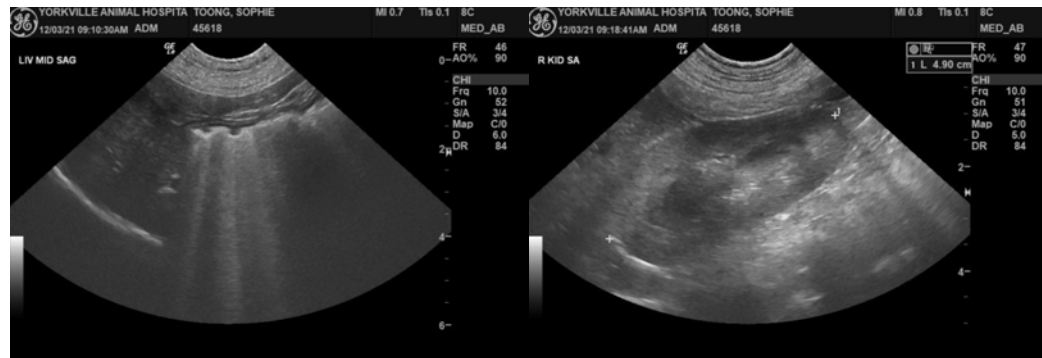
Dr. Long

**INVOICE**

33241

**DATE**

12/3/21



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)