



**PATIENT**

Tiger Sugiharto

**PRESENTING CLINICAL SIGNS**

Patient presents for abdominal mass.

**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.

**BREED**

Morkie

**SEX**

Neutered Male

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 3.66 cm. The left kidney measured 4.01 cm.

**AGE**

12 Years

**Adrenal Glands**

The **adrenal glands** were not visualized.

**WEIGHT**

15 Pounds

**Spleen**

A moderately complex, 7.57 cm ill-defined, microcystic mass was noted in the **spleen**.

**Liver**

The **liver** revealed multifocal heterogeneous changes with an overt 2.19 cm mass with regional inflammation and variable target lesions throughout the liver. The gallbladder was deviated.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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

**IMAGING PERFORMED BY**

Kelly Vazquez

**HOSPITAL NAME**

Animal General  
on the Hudson

**Pancreas**

The **pancreas** was obscured by reactive omentum owing to the neoplastic process.

**Free Abdomen**

A moderate amount of echogenic free fluid was noted, consistent with hemoabdomen. Multifocal nodular omental changes noted throughout the abdomen.

**REFERRING VET**

Dr. William Freedman

**ULTRASONOGRAPHIC FINDINGS**

- Multifocal hemangiosarcoma type abdominal pattern involving primarily spleen and liver

**INVOICE**

24776

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

8/18/21

Humane euthanasia should be considered in this patient.



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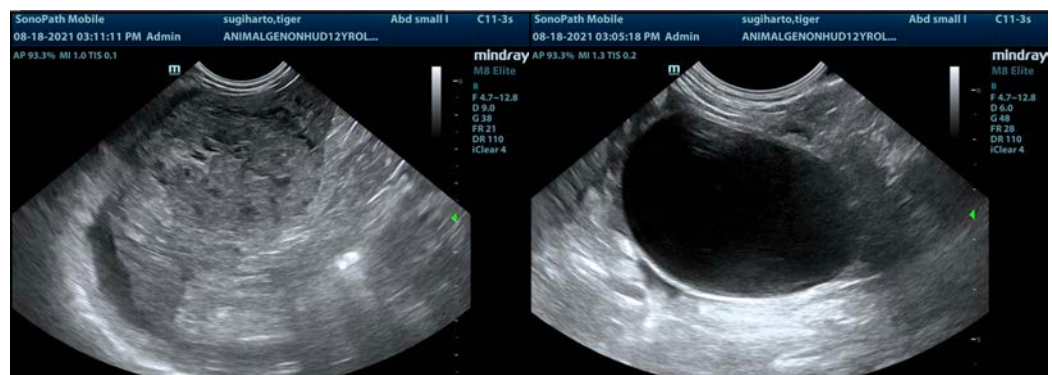
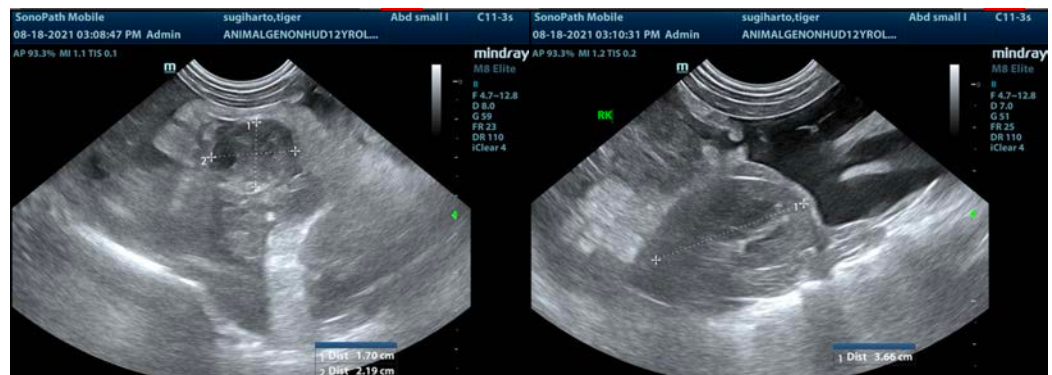
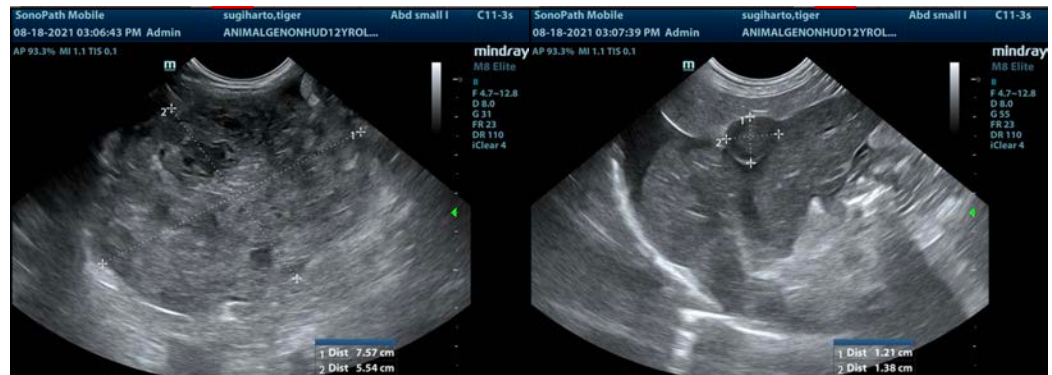
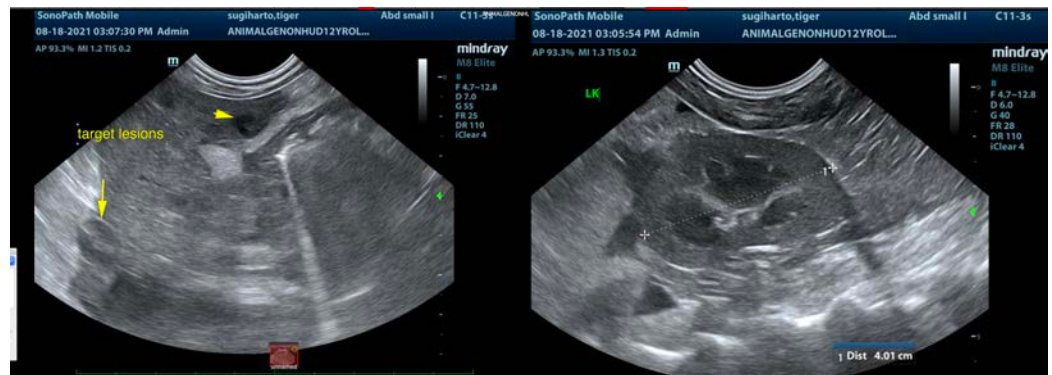
Dr. William Freedman

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**PATIENT**

Tiger Sugiharto

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.

**SPECIES**

Canine

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.

**BREED**

Morkie

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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

**SEX**

Neutered Male

**AGE**

12 Years

**WEIGHT**

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