



**PATIENT**

Zara Collet

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Spayed Female

**AGE**

8 Years

**WEIGHT**

63 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Bartlett

**INVOICE**

42355

**DATE**

10/26/22

**PRESENTING CLINICAL SIGNS**

Intermittent ADR for several months, increased panting and not eating. Large mass palpable on exam this morning.

Abnormal PE/Chem/CBC/UA Results: PE: large, firm mass palpable in cranial and mid abdomen. RADS: soft tissue density/suspected mass filling mid-abdomen.

**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 **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 left kidney measured 6.6 cm.

**Adrenal Glands**

The **adrenal glands** were poorly visualized. The left adrenal gland measured 0.50 cm.

**Spleen**

The **spleen** revealed an expansive mixed hypoechoic parenchymal mass deriving from the caudal body of the spleen with enhanced hyperechoic mesentery. Multiple other masses also noted, one in the cranial pole of the spleen, deviating the gastrointestinal tract. Multifocal target type nodular changes also noted. This is consistent with a neoplastic process.

**Liver**

The cranial **liver** was unremarkable. A right liver mass was noted with similar echotexture to that of the splenic masses, strongly suggestive for metastatic disease. Continuous parenchymal pattern noted from the right liver into the larger mass in the right cranial abdomen.

**Gastrointestinal**

The **gastrointestinal tract** was poorly visualized.

**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.

**Other**

Free fluid noted in the cranial abdomen.

Rapid view of the heart revealed no evident pathology in the pericardium or right auricle.



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**ULTRASONOGRAPHIC FINDINGS**

- Extensive abdominal neoplasia with multiple splenic masses and right-sided liver mass

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Prognosis is poor. Humane euthanasia should be considered in this patient. This is an aggressive neoplastic process, likely hemangiosarcoma.

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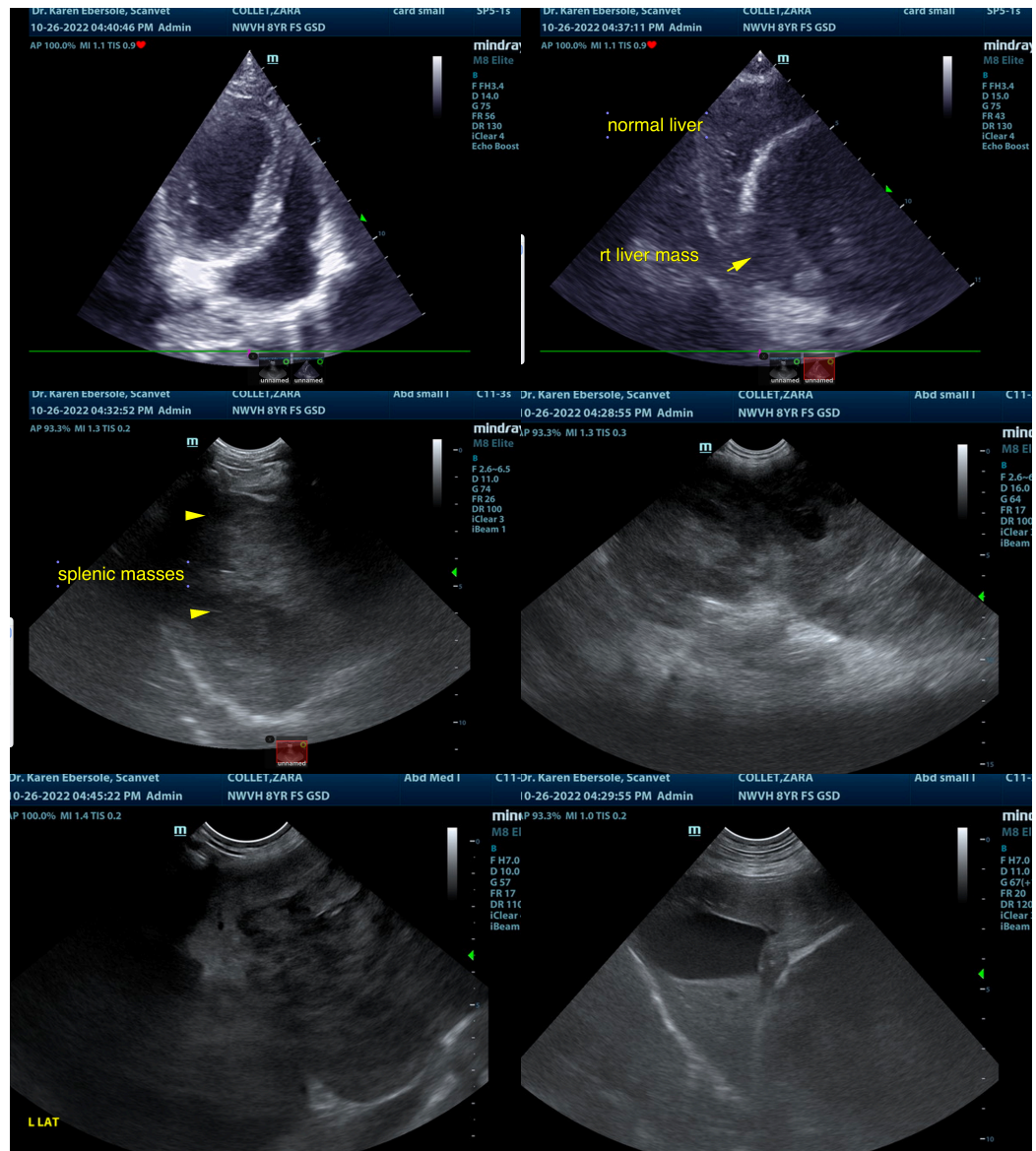
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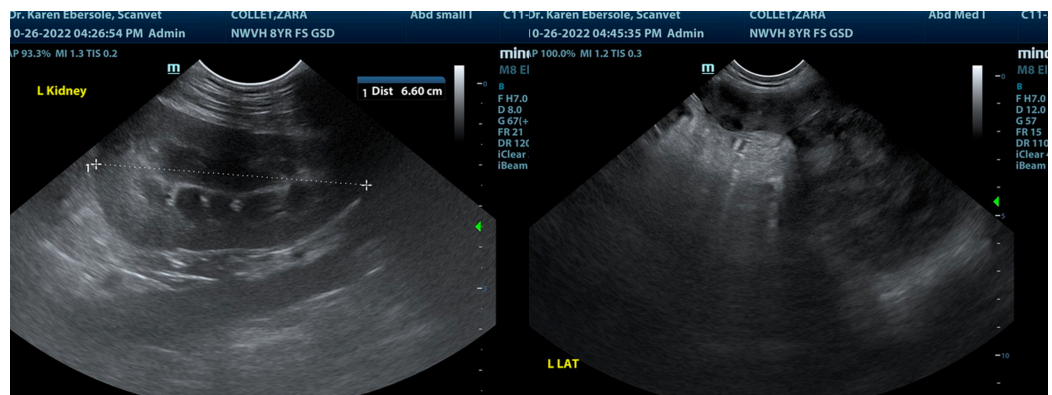
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)