

**PATIENT PRESENTING CLINICAL SIGNS**

Ellie Angulo History: Not eating, distended abdomen, lethargy.  
Abnormal PE/Chem/CBC/UA Results: ALK.Phos. 293, Chol. 323.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED** 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 was noted. Ureteral papillae were normal.

**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 6.6 cm. The left kidney measured 7.1 cm.

**AGE**

12 years

**WEIGHT**

66.3 lbs

**Adrenal Glands**

The right **adrenal gland** was visualized and measured 2.25 x 0.52 cm at the caudal pole and 0.44 cm at the cranial pole. The left adrenal gland was mildly enlarged and measured 2.51 x 1.05 cm at the cranial pole and 0.81 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** was enlarged and irregular with scalloping contour.

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**Liver**

**HOSPITAL NAME**

Westwood Regional  
VH

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Occasional, echogenic nodular changes were noted in the liver. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

**REFERRING VET**

Dr. Murphy

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**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. Variable intestinal thickening was noted elsewhere in the small intestine with undulating contour and thickened muscularis. The proximal

**DATE**

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**PATIENT** descending colon revealed undifferentiated mass that measured 6.15 x 3.0 cm. The mass was concentric with regional lymphadenopathy.

Ellie Angulo

**SPECIES** *Pancreas*

Canine 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.

**BREED**

Mix

*Free Abdomen*

**SEX**

Free fluid was noted, possibly owing to peritonitis or emerging lymphomatosis, carcinomatosis type presentation.

Spayed Female

**AGE**

**ULTRASONOGRAPHIC FINDINGS**

12 years

Colonic mass, possible splenic +/- hepatic involvement.

Variable upper intestinal thickening.

**WEIGHT**

Free fluid.

66.3 lbs

Regional lymphadenopathy.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I suspect round cell neoplasia versus carcinoma or other form of neoplastic event. There is not a surgical solution. I recommend screening FNA of the colonic mass, spleen and liver with expectations towards chemotherapeutic intention. However, the prognosis is extremely guarded.

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

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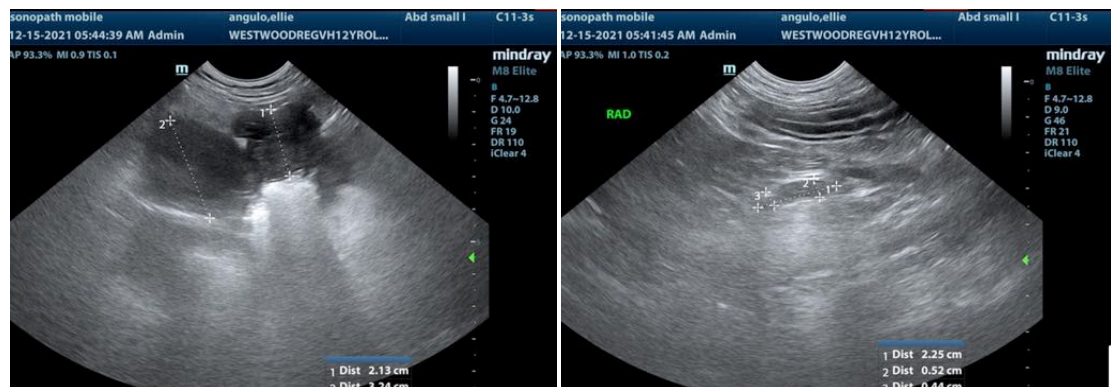
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**PATIENT**

Ellie Angulo

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Spayed Female

**AGE**

12 years

**WEIGHT**

66.3 lbs

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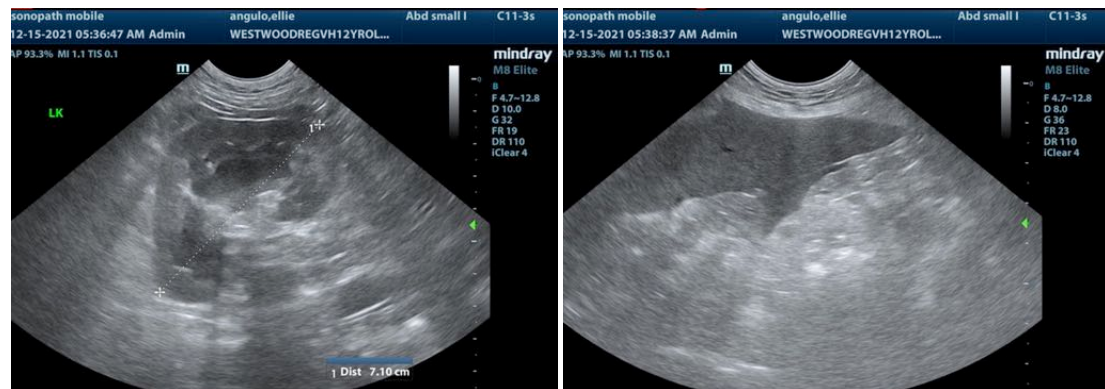
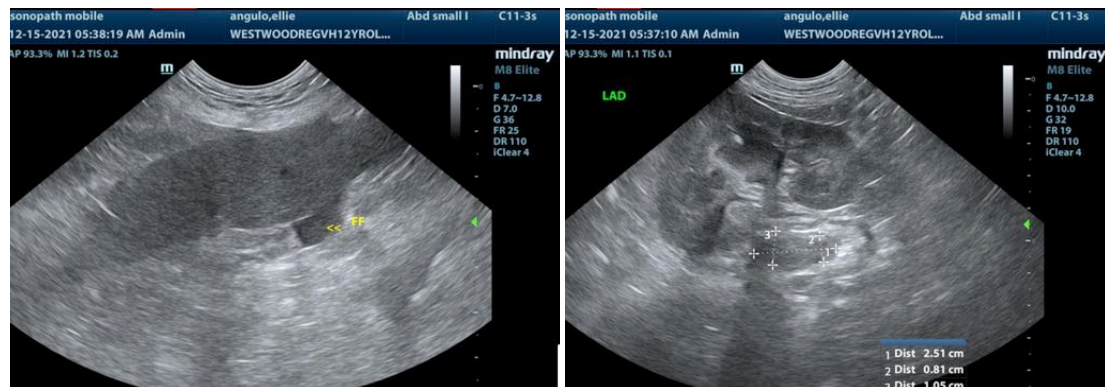
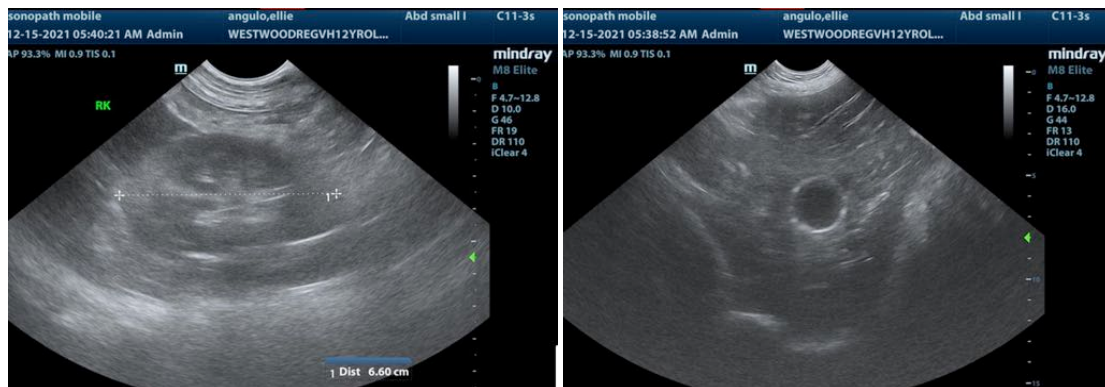
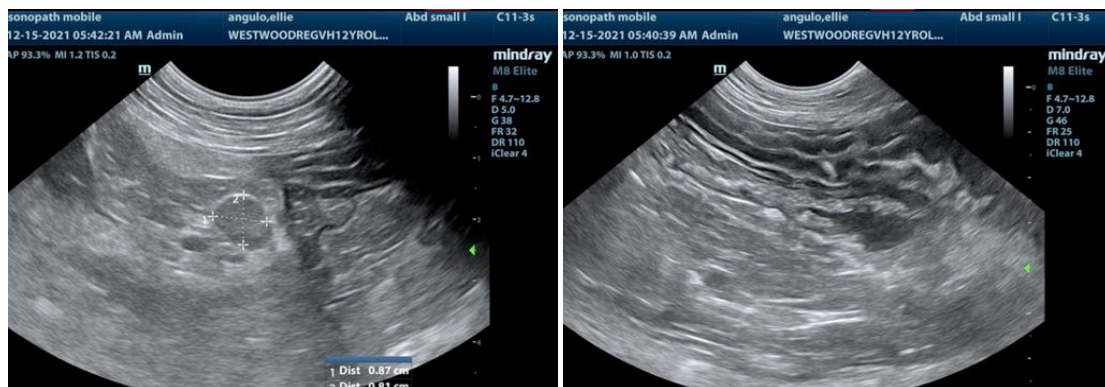
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**PATIENT**

Ellie Angulo

**SPECIES**

Canine

**BREED**

Mix

**SEX**

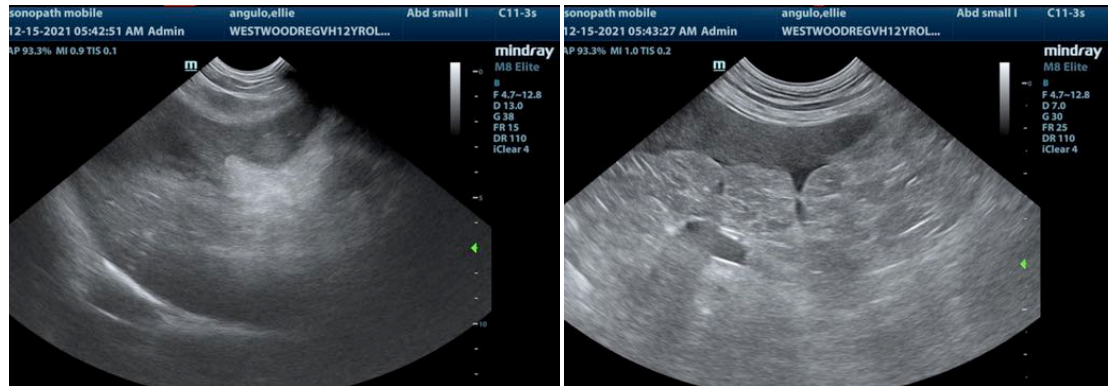
Spayed Female

**AGE**

12 years

**WEIGHT**

66.3 lbs



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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.

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

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.

**HOSPITAL NAME**

Westwood Regional  
VH

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

**REFERRING VET**

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