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Clinical Sonography & Telecytology
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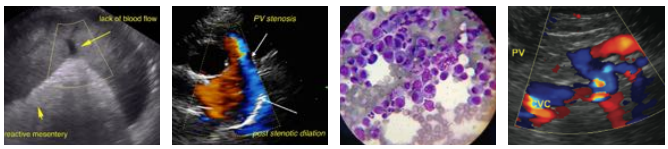


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1-800-838-4268 info@sonopath.com

**PATIENT**

Ellie Vosburg

**SPECIES**

Canine

**BREED**

Cavalier King Charles

**SEX**

Spayed female

**AGE**

1 ½ years

**WEIGHT**

7.62 kg

**INTERPRETED BY**

Eric Lindquist, DMV DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Lemanski

**HOSPITAL NAME**

Animal Emergency Hospital Deland

**REFERRING VET**

Dr. Lemanski

**INVOICE**

43020

**DATE**

2/28/23

## PRESENTING CLINICAL SIGNS

History: O presents today for fasted U/S. Pet vomited on Sunday. Rads done at rDVM Monday, rDVM repeated rads fasted for 18 hours on Tuesday (today)- believed something in stomach and recommended u/s. No vomiting since Monday. P did eaet small amount if turkey and rice at 1 pm prior to ultrasound. P is BAR.

## 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 was 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 4.5 cm.

### *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 left adrenal gland measured 0.4 cm. The right adrenal gland measured 0.75 cm at the cranial pole and 0.5 cm at the caudal pole.

### *Spleen*

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

### *Liver*

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.

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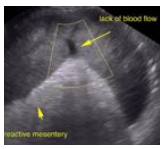
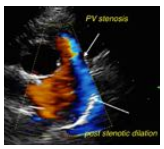
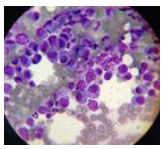
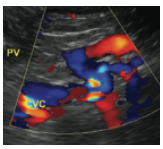

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### *Gastrointestinal*

Examination of the **gastrointestinal tract** revealed retention of ingesta in the stomach. The small intestine was unremarkable. The mesenteric lymph nodes were reactive and measured 0.6 cm.

### *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.

## ULTRASONOGRAPHIC FINDINGS

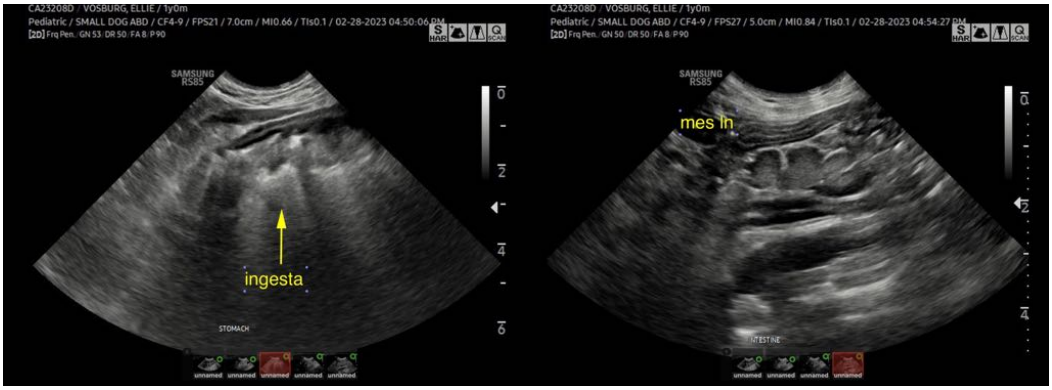
Minor retention of ingesta. The material noted in the stomach is consistent with a minor amount of ingesta that was fed at 1 p.m. prior to the ultrasound.

Minor reactive mesenteric lymph nodes.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no overt evidence of obstruction. Supportive GI care should prove effective. The minor amount of material in the stomach would be consistent with ingesta. If clinical signs persistent after 12-24 hour n.p.o. then a recheck sonogram is indicated.

Dietary indiscretion, food intolerance, structurally significant inflammatory bowel or occult parasitism and occult Addison's are all potentials.



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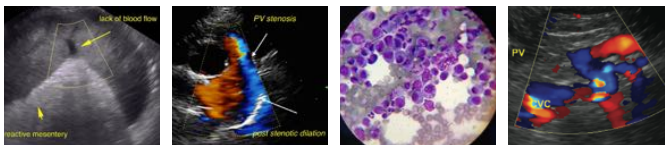

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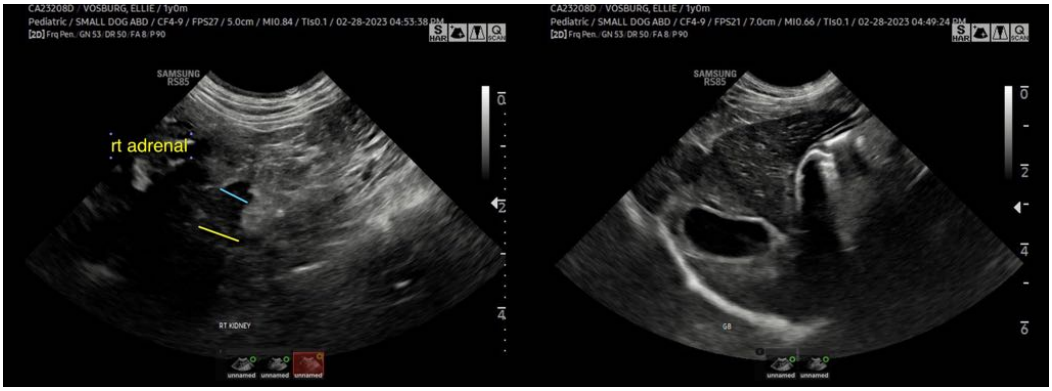


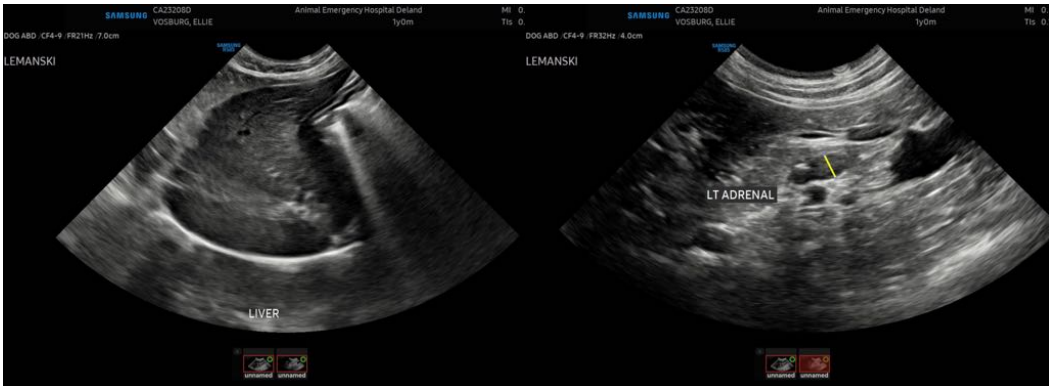


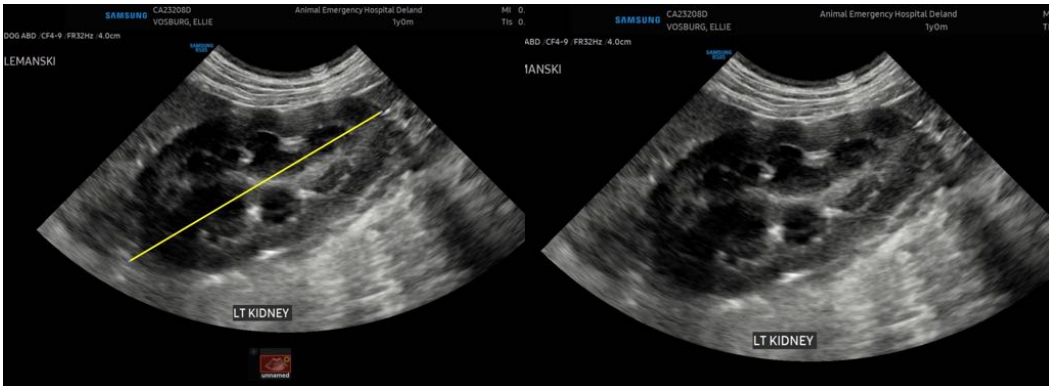


**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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