



PATIENT

Keely Lynn

SPECIES

Canine

BREED

Golden Retriever

PRESENTING CLINICAL SIGNS

History: Reason for visit: V/D Diet: Nutrisource adult, switched from Nutrisource puppy last week P was fed peanuts on Thursday evening - O thinks too much. Saturday AM P was very itchy. Since resolved after starting Benadryl. Sat afternoon P had some soft stools, progressed to diarrhea and today O notes stools were mucus-like and had purple/red pieces within it (like jam). P has vomited several times, minimal interest in food. P ate and held down treats but earlier this AM could not keep down water. P is lethargic. P went into heat 10/10 and O notes it lasted a long time (1 month). No contact w/ other dogs. Abnormal PE/Chem/CBC/UA Results: No pain on abdominal palpation. Mild, milky, non-viscous vaginal discharge CBC/Chem: Glob (1.6), TP (5.4), HCT (56%) otherwise WNL cPL: normal Rads: stomach appears empty; SI is uniform in appearance - fluid filled, not dilated; no obvious foreign material or obstructive pattern Vaginal cytology - diestrus; no bacteria present; neutrophils

SEX

Intact female

AGE

1 year

WEIGHT

51.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Wymard

HOSPITAL NAME

Brookwood AC

REFERRING VET

Dr. Wymard

INVOICE

42640

DATE

11/21/22

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 uterus was mildly thickened and measured 1.0 cm, yet empty.

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 kidneys each measured 6.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

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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Gastrointestinal

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The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. Minor retention of ingesta was noted. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. The mesenteric lymph nodes were enlarged and reactive and measured up to 3.0 x 1.0 cm.

BREED

Golden Retriever

Pancreas

SEX

Intact female

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.

AGE

1 year

Free Abdomen

Reactive mesentery was noted associated with the small intestine.

WEIGHT

51.8 lbs

ULTRASONOGRAPHIC FINDINGS

Non-specific and diffuse intestinal thickening with reactive mesentery.

Slightly thickened uterus.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Fecal exam is recommended along with treatment for acute enteritis. If the patient is not destined for reproductive activity then ovariohysterectomy and intestinal lymph node biopsies and culture would be ideal. If treated medically then a recheck sonogram is recommended in 48-72 hours.

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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.

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