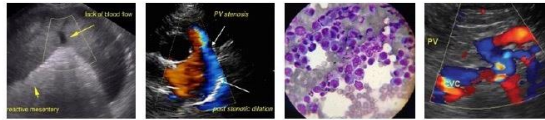




PATIENT	PRESENTING CLINICAL SIGNS
Coco Animal Welfare	Anorexia, vomiting no BM for a few days and was straining to defecate, today is having diarrhea. History of possible pregnancy and also eating a cup and an entire box of tissues. IVF, Methadone, Pantoprazole and Cerenia (1 dose)
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: M1 hypokalemia Rad report: stomach normal in size and contains heterogenous soft tissue and gas-opaque content. Small amount of gas enters the pylorus on the left lateral view. Numerous presumed small intestinal segments have normal diameter and fluid opacity. Visible portions of the colon have moderate distension with gas. Suspected enlarged uterus seen ventral to L3. A mineralized fetus is not definitively seen.
BREED	
Border Collie	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
SEX	Urinary System
FI	The urinary bladder, trigone, and pelvic urethra presented normal thicknesses and normal tone to a depth of 2 cm. 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.
AGE	
8mo	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 4.83 cm in length. The right kidney measured 5.42 cm in length.
WEIGHT	
15kg	The uterus revealed positive pregnancy with anechoic amniotic sacs. One live fetus was noted in this patient with head to rump length of 2.2 cm. The most caudal gestational sac did not present a live fetus with echogenic debris and residue of fetus consistent with fetus resorption.
INTERPRETED BY	Adrenal Glands
Eric Lindquist, DMV DABVP, Cert. IVUSS	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 2.03 cm x 0.3 cm x 0.36 cm.
IMAGING PERFORMED BY	Spleen
Crystal Hill	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 were noted.
HOSPITAL NAME	Liver
Hamilton Region Emergency Clinic	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.
REFERRING VET	
Atwa	
INVOICE	
14343ag	
DATE	
07/10/2023	



PATIENT *Gastrointestinal*

Coco Animal Welfare

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.

SPECIES

Canine

Pancreas

BREED

Border Collie

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.

SEX

FI

The mesenteric lymph node presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. The node measured 2.17 cm x 0.96.

AGE

8mo

ULTRASONOGRAPHIC FINDINGS

- Positive pregnancy-one live fetus, one resorbing fetus.
- Otherwise unremarkable abdomen.

WEIGHT

15kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for metritis is necessary. Based on the live fetus, gestation is ~ 24-28 days.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Hamilton Region
Emergency Clinic

REFERRING VET

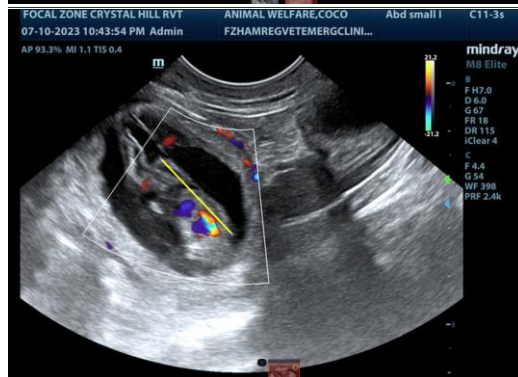
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PATIENT

Coco Animal Welfare

SPECIES

Canine

BREED

Border Collie

SEX

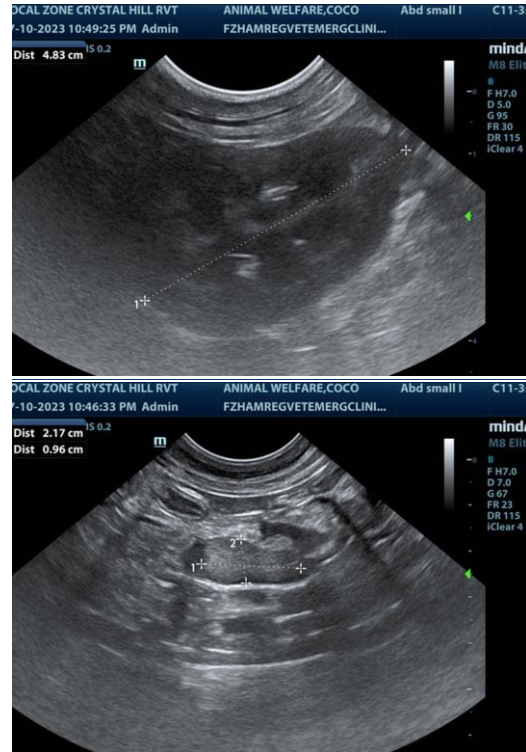
FI

AGE

8mo

WEIGHT

15kg



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Hamilton Region
Emergency Clinic

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Atwa

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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.

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
Eric.Lindquist@SonoPath.com