



PATIENT PRESENTING CLINICAL SIGNS

Duke Teague suspect organophosphate/carbamate toxicity /poisoning vs parvo (is parvo positive)
Abnormal PE/Chem/CBC/UA Results: parvo positive; elevated phosphates, severely dehydrated

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Blue Heeler

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Neutered Male

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 6.92 cm. The left kidney measured 6.14 cm.

AGE

9 Months

Adrenal Glands

WEIGHT

N/A

The **right adrenal gland** was 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 right adrenal gland measured 2.01 cm x 1.36 cm at the cranial pole and 0.58 cm at the caudal pole.

The **left adrenal gland** appears subjectively flattened. The left adrenal gland measured 1.78 cm x 0.27 cm at the caudal pole and 0.38 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Diane McFadden

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

North Warren AH

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. A minimal amount of gallbladder debris noted.

REFERRING VET

Dr. Corrado

Gastrointestinal

A minor amount of chyme was noted in the **stomach**. Minor luminal fluid noted in the small intestine. Hyperperistalsis noted. Variable edematous intestine noted. Fluid-filled colon and cecum.

INVOICE

33683

Pancreas

The right limb of the **pancreas** was hypoechoic and irregular with enhanced surrounding mesentery, consistent with pancreatitis in a region of approximately 3.0 cm x 3.0 cm.

DATE

12/23/21

ULTRASONOGRAPHIC FINDINGS

- Pancreatitis/gastroenteritis pattern, no evidence of obstructive disease



PATIENT

Duke Teague

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Plasma expanders, broad-spectrum antibiotics, GI protectants all indicated. No evidence of foreign body.

SPECIES

Canine

BREED

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REFERRING VET

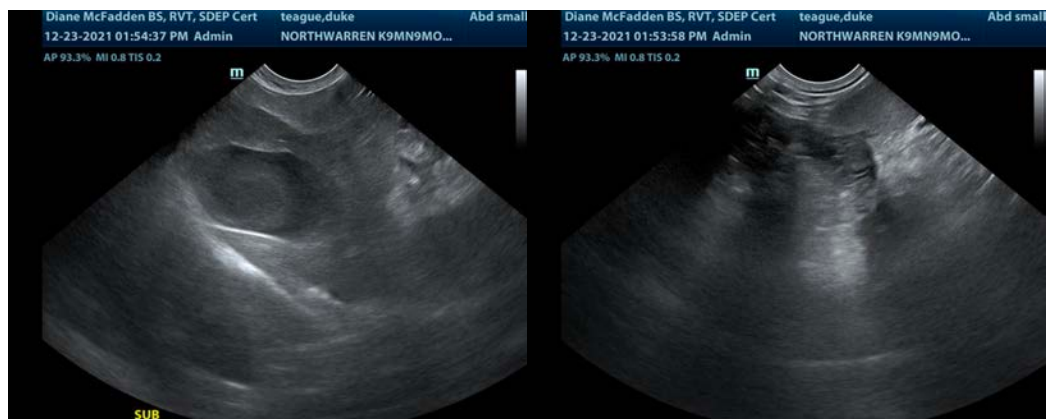
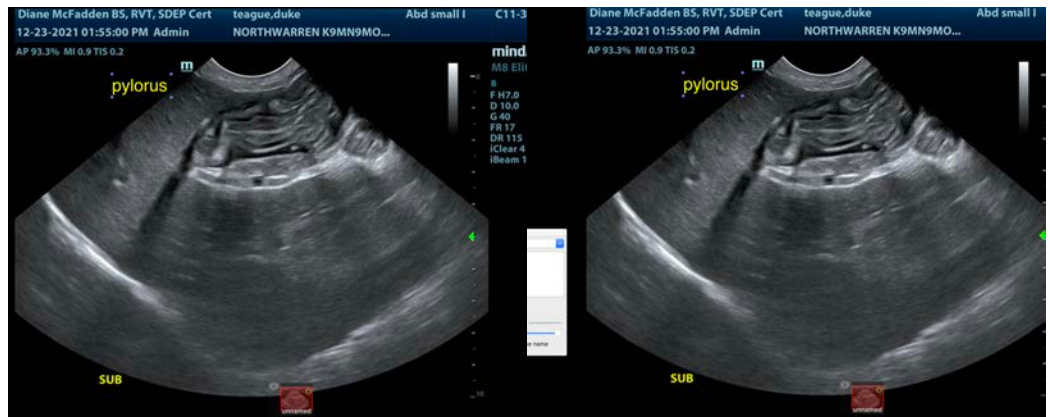
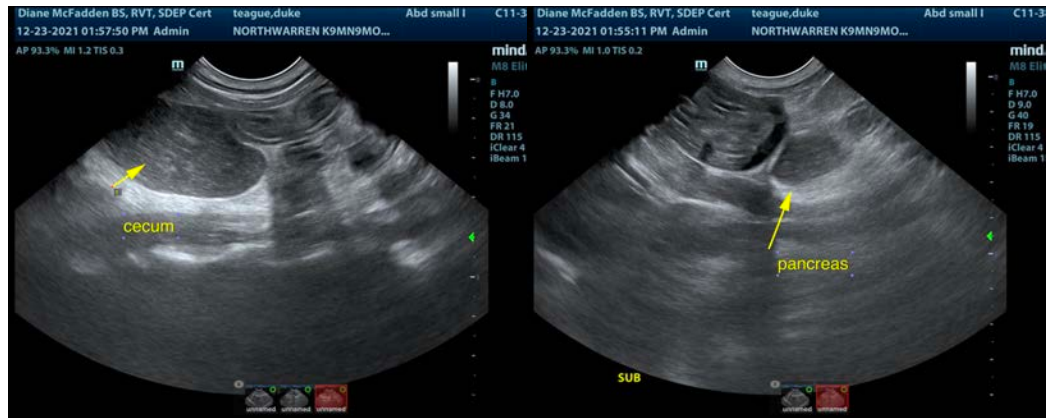
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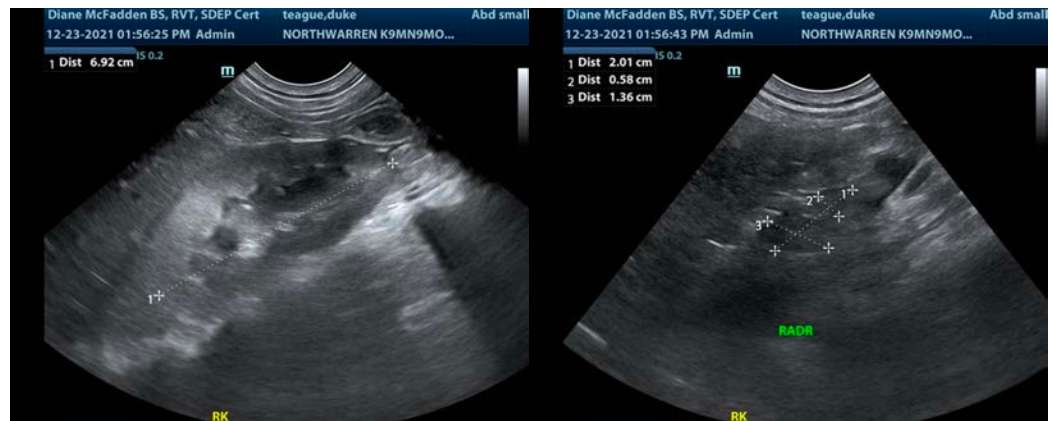
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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