



PATIENT PRESENTING CLINICAL SIGNS

Cedar Winger

History: Bilateral harsh lung sounds. Ampicillin, Enrofloxacin
Abnormal PE/Chem/CBC/UA Results: Neutrophils 13.87, RBCs 4.75, Hb 31%, SDMA 19, Creatinine 18.
Rads showed alveolar pattern in right, middle, right caudal subsegment of left cranial lung. Partially obscured by pulmonary pathology the cardiac silhouette appeared normal. Stomach is filled with heterogenous soft tissue material. Some mineral punctate opacities in GI tract. Stomach contents most likely food.

SPECIES

Canine

BREED

Boxer

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Intact Female

Urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

AGE

2 Months

Left kidney is normal in size (5.11 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

7.5 kg

Right kidney is normal in size (5.05 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Adrenal Glands

Left adrenal gland is normal in size (2.0 cm long x 0.44 cm at cranial pole and 0.35 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (1.6 cm long x 0.93 cm at cranial pole and 0.52 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Spleen

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Hamilton REC

REFERRING VET

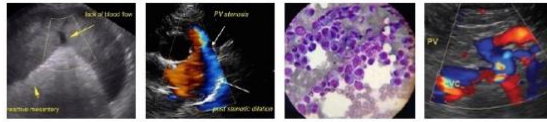
Dr. Alamdari

INVOICE

17590

DATE

10/4/22



PATIENT

There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

Cedar Winger

SPECIES

The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

Canine

The visible colon is normal in wall thickness and layering. Contents are consistent with normal formed feces and gas.

BREED

Pancreas

Boxer

The observed pancreas appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

SEX

Free Abdomen

Intact Female

There is a scant amount of anechoic free fluid and mesenteric lymphadenopathy, both normal anatomic variants for a puppy of this young age.

AGE

2 Months

ULTRASONOGRAPHIC FINDINGS

- This is a relatively unremarkable/normal abdomen for a young puppy.

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

7.5 kg

Recommendations include treating this patients suspected pneumonia.

INTERPRETED BY

If the pneumonia is believed to be aspiration pneumonia, and gastrointestinal signs begin and/or if they're present/they persist, then thoracic radiographs and/or a swallow study are recommended for further evaluation of the esophagus, as well as recheck abdominal imaging if gastrointestinal signs develop and/or persist, as there is no evidence of gastrointestinal pathology, obstruction, etc., to explain gastrointestinal signs at this time.

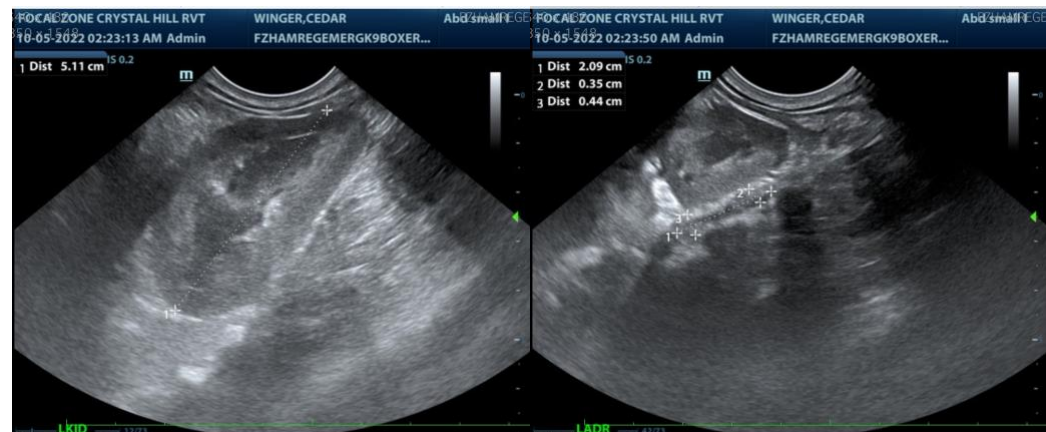
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In the meantime, empirical deworming with a 5-day course of Panacur is recommended.

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Intact Female

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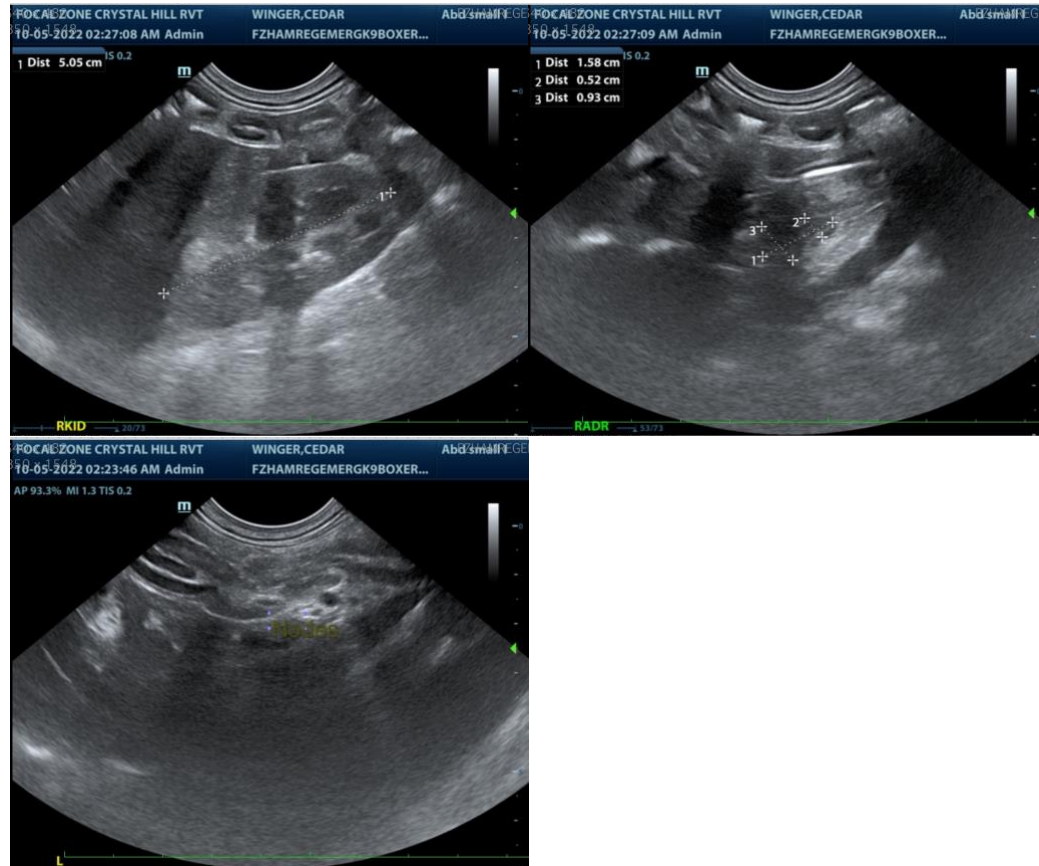
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com