

PATIENT PRESENTING CLINICAL SIGNS

Bella Ramirez
History: P uncomfortable on abdominal palpation, particularly in cranial abdomen - 2-view abdominal rads - Apparent mineral opacity in the liver on lateral, DV view. Lateral thoracic rad revealed mineral opacity stretching beyond liver into caudal thoracic space apparently - P slowly going off dry food, now has not been wanting to eat it at all for ~3 weeks

SPECIES

Canine
Abnormal PE/Chem/CBC/UA Results: Current Medications mirtazapine, carprofen, tramadol
Radiographic Findings will send via dicom

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Collie X

Urinary System

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.

SEX

Spayed Female
Left kidney is normal in size (6.71 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.

AGE

11 Years
Right kidney is normal in size (7.3 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

Adrenal Glands

58 Pounds
Left adrenal gland is normal in size (2.55 cm long 0.5 cm at cranial pole and 0.87 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

INTERPRETED BY

Right adrenal gland is normal in size (2.67 cm long x 1.5 cm at cranial pole and 0.88 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Beth Johnson, DVM
DACVIM

Spleen

Spleen is generally normal in size and shape with a smooth capsular contour. Parenchyma is diffusely nodular in appearance characterized by small discrete hypoechoic nodules. Splenic vasculature appears normal.

HOSPITAL NAME

Reid VH

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.

REFERRING VET

Dr. Sawyer Reid

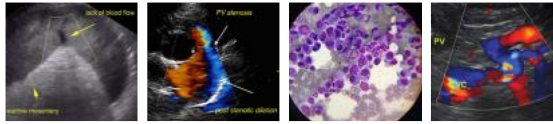
INVOICE NUMBER

21486

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. Multifocal mineral nonobstructive foci are noted within the lumen of the gallbladder and throughout the intrahepatic biliary system.

DATE

3/6/23



PATIENT *Gastrointestinal*

Bella Ramirez The visible stomach wall is normal in thickness and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

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*

Collie X The observed pancreas is prominent (enlarged) in size, hypoechoic to surrounding tissue and irregular in shape with a swollen undulating contour. Enhanced hyperechoic ill-defined surrounding fat is noted.

SEX *Free Abdomen*

Spayed Female There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

Diffusely enhanced hyperechoic mesenteric fat is noted within the cranial abdomen around the pancreas.

AGE

11 Years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

58 Pounds

- Acute pancreatitis is suspected
- Small cholecystoliths within the gallbladder and within the intrahepatic biliary system. This mineral is of unknown clinical significance and can be an incidental finding.
- Splenic micronodular hyperplasia

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The suspected cause of this patients clinical signs, i.e., decreased appetite, reported cranial abdominal pain, etc., is acute pancreatitis. The contribution of the mineral described above is unknown, and should be interpreted in combination with laboratory changes that suggest a cholangitis or cholangiohepatitis. Therefore, recommendations include a general metabolic health screen, including CBC/chemistry panel, electrolytes, and urinalysis and, if indicated based on urinalysis results, urine culture is recommended. If protein is present in an otherwise quiet sediment, protein quantification with a urine protein to creatinine ration is recommended.

HOSPITAL NAME

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REFERRING VET

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Additionally, a quantitative PLI is recommended.

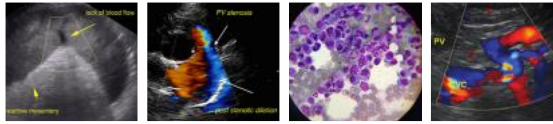
In the meantime, medical management of pancreatitis with anti-emetics, gastroprotectants, appetite stimulants or nutritional support as needed, pain management, broad spectrum antibiotics, and fluid therapy is recommended.

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SPECIES

Canine

BREED

Collie X

SEX

Spayed Female

AGE

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WEIGHT

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HOSPITAL NAME

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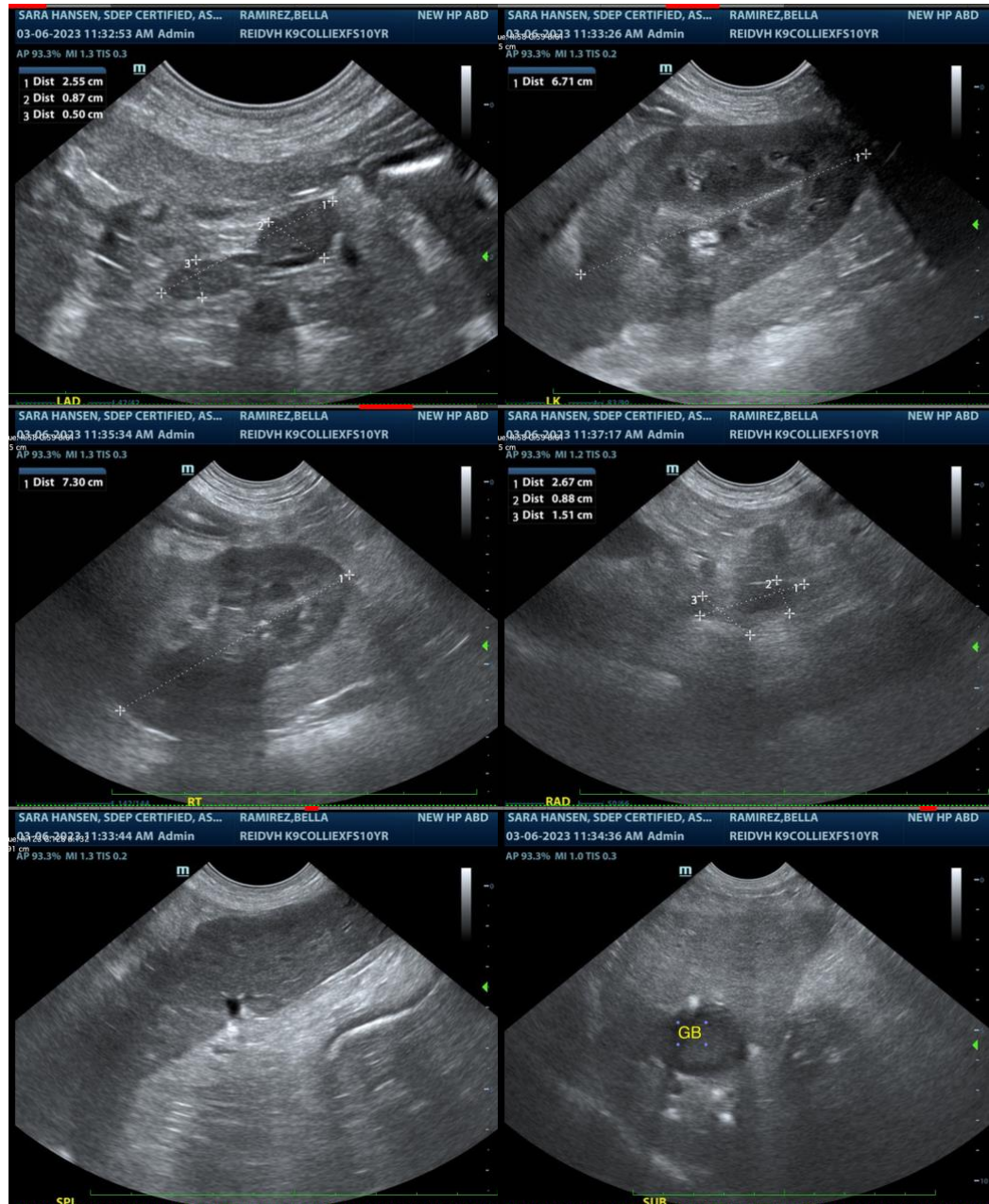
Dr. Sawyer Reid

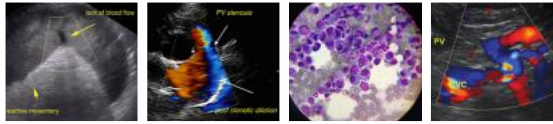
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PATIENT
Bella Ramirez

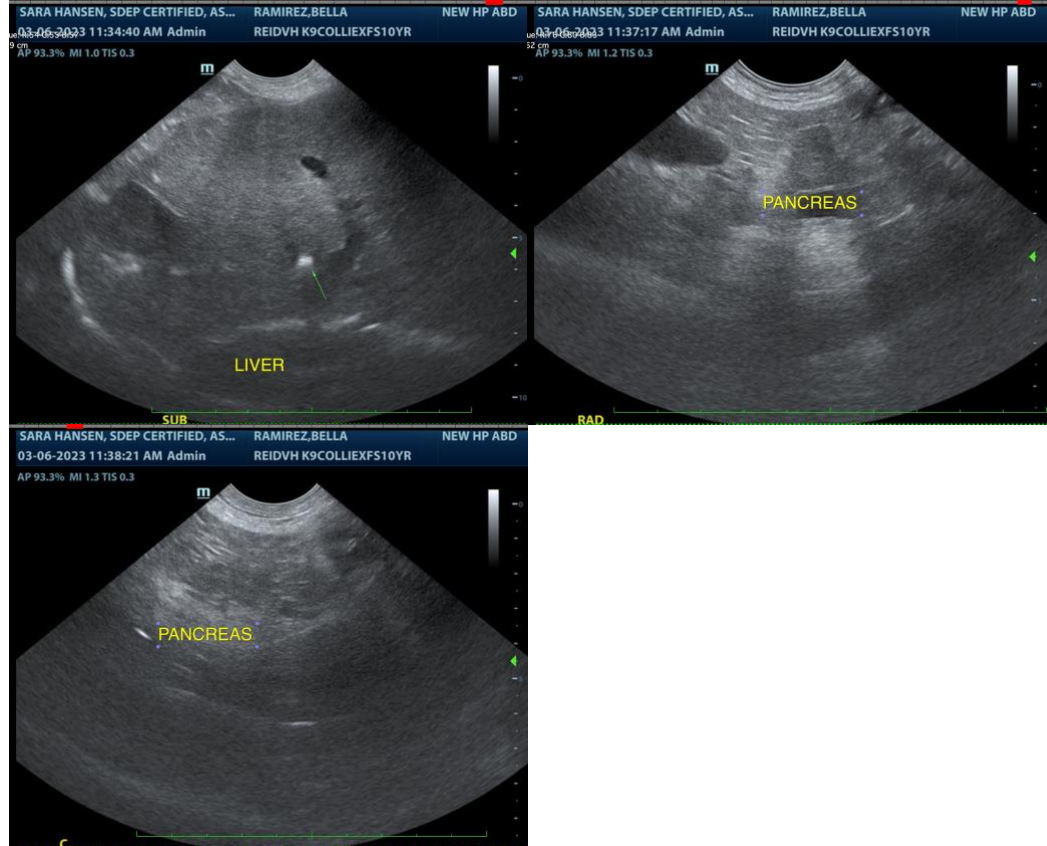
SPECIES
Canine

BREED
Collie X

SEX
Spayed Female

AGE
11 Years

WEIGHT
58 Pounds



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.

INTERPRETED BY
Beth Johnson, DVM
DACVIM

HOSPITAL NAME
Reid VH

REFERRING VET
Dr. Sawyer Reid

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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