

PATIENT PRESENTING CLINICAL SIGNS

PICO LOWERS Clinical Exam Findings: 6/20: No v/d overnight into today, but p is still not interested in food at all. Physical Exam 6/19/22

SPECIES Level of pain (0-4): 1 (abdomen/malaise)

Canine GEN: QAR, nervous, 5-7% dehydration, BCS 5/9

INTEG: No areas of alopecia, no primary skin lesions, normal coat.

EENT: Eyes clear OU, no ocular discharge OU. Ears clean AU. No nasal discharge.

OP: MM pink/moist, CRT <2 sec.

BREED LN: Mandibular, prescapular, and popliteal lymph nodes WNL.

Dachshunc RESP: Normal rate and effort, eupneic. Lung sounds clear bilaterally, no crackles or wheezes.

CV: No heart murmur, normal heart rate and rhythm, pulses strong and synchronous.

ABD: Tense, uncomfortable abdomen. No obvious masses or organomegaly. No apparent fluid wave.

GU: No discharge or irritation.

SEX RECTAL: normal anatomy, empty colon

Neutered Male MS: Ambulatory x 4. No apparent lameness. Normal musculature.

NEURO: Appropriate mentation. No obvious CP deficits or ataxia.

Abnormal lab-work values: Chem 10 6/20: ALT 186, K 3.4

6/20: PCV 49%, TS 5.8 g/dL

6/19/18 Chem 17 6/19: AMYL >2500, LIP 5051, ALT 267

CBC 6/19: HCT 64.2, WBC 19.43, NEU 16.54

Current Medications: Cerenia, Metronidazole, Famotidine, Buprenex

Radiographic Findings: Keystone Radiography Report

Findings: Three abdominal radiographs are available for interpretation.

7.8 kg
The liver is within normal limits. The spleen is unremarkable. The left kidney is within normal limits. The right kidney is not well visualized due to overlying abdominal contents. The urinary bladder is within normal limits. The stomach is within normal limits. No small intestinal loops are abnormally distended. The colon is within normal limits. The sublumbar region is unremarkable. No musculoskeletal abnormalities are identified. What can be seen of the thorax is within normal limits.

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

Assessment:

The abdominal study is within normal limits. No direct cause of the clinical signs is apparent at this time. If needed ultrasound could be useful in further evaluation of the patient.

IMAGING PERFORMED BY

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ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

HOSPITAL NAME

Blue Pearl Vet Spec.

The prostate is normal in size (0.80 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

REFERRING VET

Dr. Shannon Graham

The left kidney is normal size (4.63 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

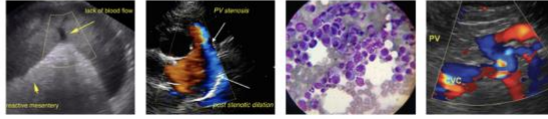
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DATE

6/20/22

The right kidney is normal size (5.38 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary



PATIENT

distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Pico Lowers

Adrenal Glands

SPECIES

The left adrenal gland is normal size (0.45 cm at cranial pole) (0.50 cm at caudal pole) (1.87 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Canine

BREED

The right adrenal gland is normal size (0.70 cm at cranial pole) (0.41 cm at caudal pole) (1.91 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Dachshunc

SEX

Spleen

Neutered Male

The spleen is normal in size (1.19 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

AGE

6/19/18

Liver

WEIGHT

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1: 1.

7.8 kg

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The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of gravity dependent, echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

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Gastrointestinal

The gastric lumen is mildly to moderately fluid distended and hypomotile. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. An approximately 1.00 to 1.50 cm segment of descending colonic wall at the level of the urinary bladder is mildly thickened (up to 0.46 cm) and irregular. The remaining colonic wall is normal. There is no evidence of an obstructive pattern.

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Pancreas

The pancreas is diffusely prominent in size with minimal deviation from the normal peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated. The mesentery effacing the serosal surface of the left limb is mildly hyperechoic.

REFERRING VET

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Free Abdomen

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There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

DATE

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PATIENT Other

Pico Lowers A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The pancreatic changes are consistent with mild, acute pancreatitis.
- The focal colonic wall thickening could be consistent with inflammation, hypertrophy or emerging neoplasia. Correlation with the patient's clinical signs is recommended.
- Mild gastric ileus

BREED

Dachshunc

SEX

Neutered Male

AGE

6/19/18

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for pancreatitis is recommended including IV fluid therapy, gastric protectants, antiemetics, pain medication as needed, +/- fresh frozen plasma.

Consider a repeat ultrasound in 3-4 weeks to reevaluate the pancreas and colonic wall.

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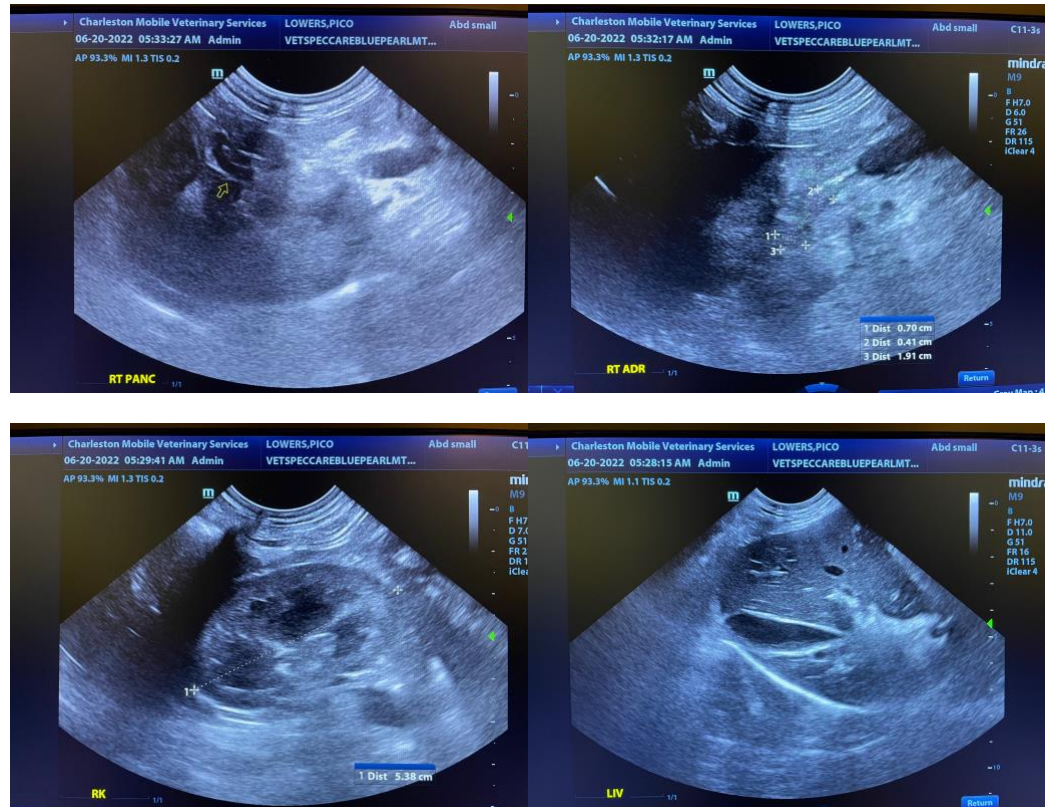
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PATIENT

Pico Lowers

SPECIES

Canine

BREED

Dachshunc

SEX

Neutered Male

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SEX

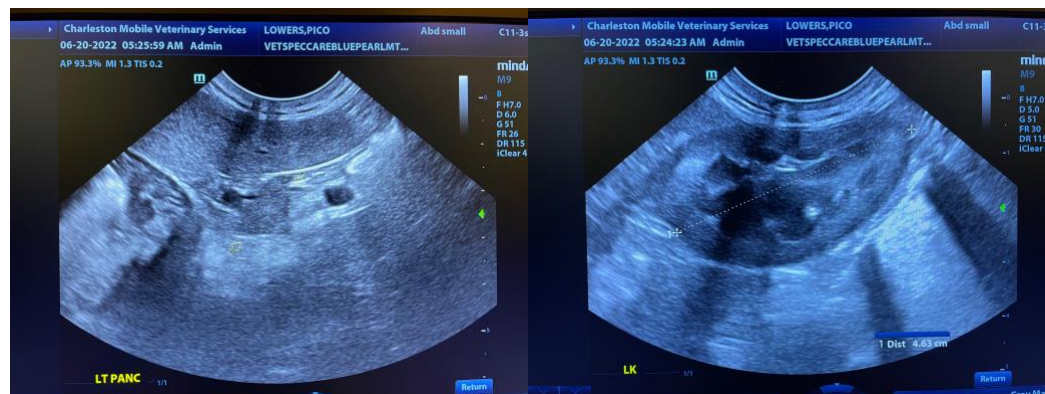
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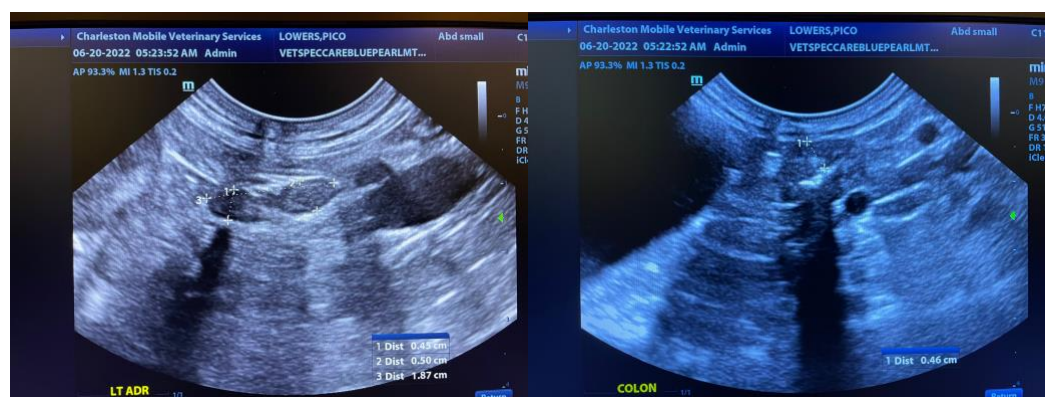
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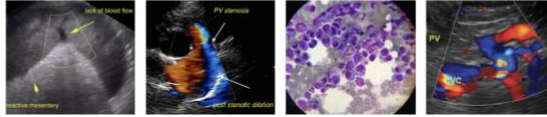
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Pico Lowers

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.

SPECIES

Canine

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.

BREED

Dachshunc

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SEX

Neutered Male

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