

PATIENT PRESENTING CLINICAL SIGNS

Pancho Quine

History: Acute onset ADR. Medical history untreated cushings per o.
Abnormal PE/Chem/CBC/UA Results: Elevated liver enzymes (ALP- 1744, ALP 839). Radiology report parenchymal gas in liver. T- 106 on presentation. Not resolving after IV fluid therapy. Sangiunous free fluid abdominal tap.

SPECIES

Canine

BREED

Labrador Mix

SEX

Neutered Male

AGE

12 years

WEIGHT

66 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Donner Truckee VH

REFERRING VET

Dr. Seth Vannini

INVOICE

92483

DATE

10/19/21

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 was noted. Ureteral papillae were normal.

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 7.3 cm.

Adrenal Glands

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.

Spleen

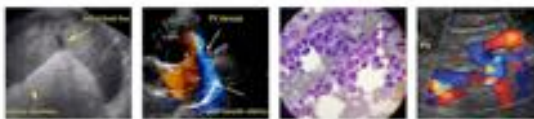
The **spleen** was enlarged, swollen and irregular.

Liver

Multi-focal, **hepatic** masses are noted with regional gas and overt, ill-defined liver mass in the left liver. The liver mass occupied the majority of the left liver and impinged upon the portal hilus. Significant disrupted tissue was noted. There was gas infiltration into the majority of the biliary tree in this patient with significant focus upon the left liver. Enhanced mesentery was noted.

Gastrointestinal

The upper **gastrointestinal tract** revealed stasis owing to metabolic ileus. Variable intestinal thickening was also noted.



PATIENT

Pancho Quine

Pancreas

Regional **pancreatic** inflammation and upper duodenal inflammation was noted.

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Free Abdomen

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Echogenic, free fluid was noted in the caudal abdomen. This is consistent with probable hemorrhage or peritonitis.

SEX

Neutered Male

Heart

Rapid view of the heart revealed volume contraction and shock response.

AGE

12 years

ULTRASONOGRAPHIC FINDINGS

Emphysematous liver mass. Emphysematous hepatic carcinoma is suspected with possible lobe torsion.

Regional peritonitis.

WEIGHT

66 lbs

Concurrent gastroenteritis and pancreatitis.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The prognosis is poor. Given the sanguineous free fluid lobe torsion may be an underlying issue as well. Immediate exploratory surgery or humane euthanasia is warranted. The mass may prove to be resectable; however, gas penetration was noted throughout the liver.

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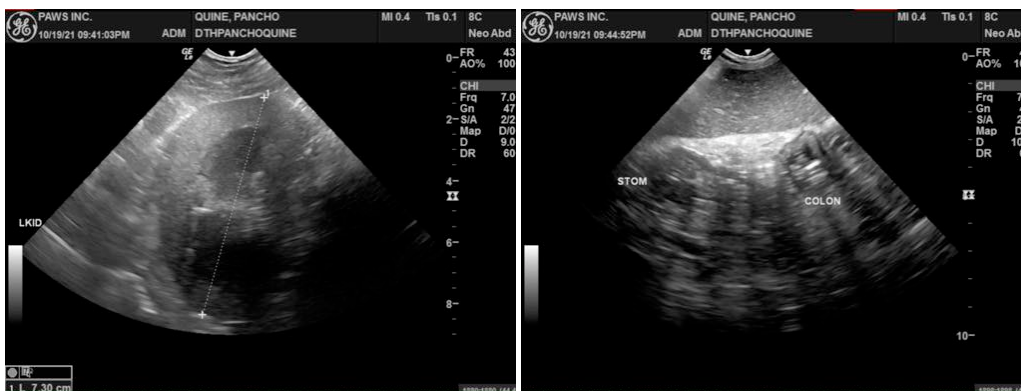
Dr. Seth Vannini

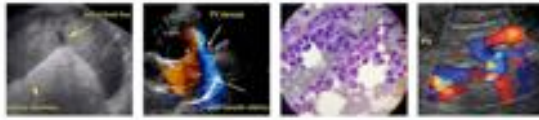
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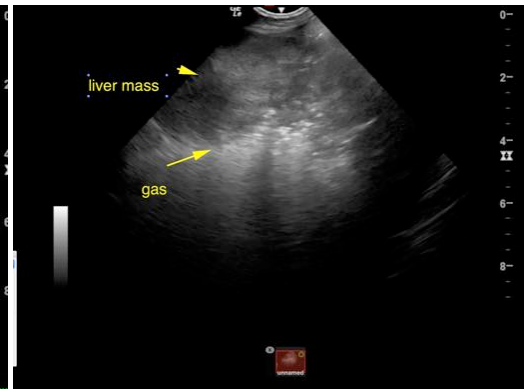
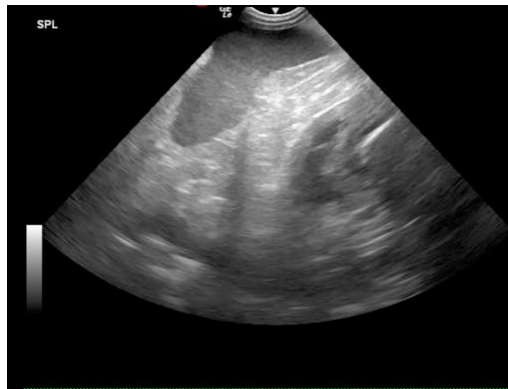
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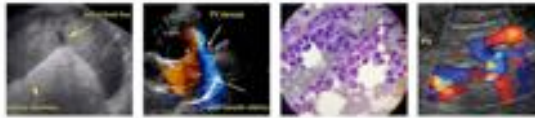
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the



PATIENT image/video clips provided.

Pancho Quine 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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Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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