



PATIENT

Roxy Phipany

SPECIES

Canine

BREED

Border Mix

SEX

Spayed female

AGE

10 years

WEIGHT

58.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. Christensen

INVOICE

42289

DATE

11/2/22

PRESENTING CLINICAL SIGNS

History: Presented for routine COHAT. History of liver enzyme elevations and early gall bladder y mucocele. Recheck scan from 12-14-21.
Abnormal PE/Chem/CBC/UA Results: ALT= 124

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** wall thickening was noted consistent with cystitis. Multiple calculi were noted. The largest of which measured 0.7 cm. 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 5.77 cm. The right kidney measured 6.8 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. The left adrenal gland measured 0.54 cm at the caudal pole and 0.39 cm at the cranial pole and 2.1 cm in length.

Spleen

The **spleen** in this patient was mildly enlarged and slightly heterogenous. This is consistent with reactive or hyperplastic state.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Hypoechoic nodular change was noted. The gallbladder revealed a minor amount of dependent debris with occasional.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



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Pancreas

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

BREED

Bladder calculi.

Border Mix

Non-specific, hepatic nodular changes. Changes appear mild.

Gallbladder debris.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cystotomy, stone analysis and culture are warranted. Liver biopsy can be performed at the time of surgery or FNA of the liver to assess inflammatory cell type.

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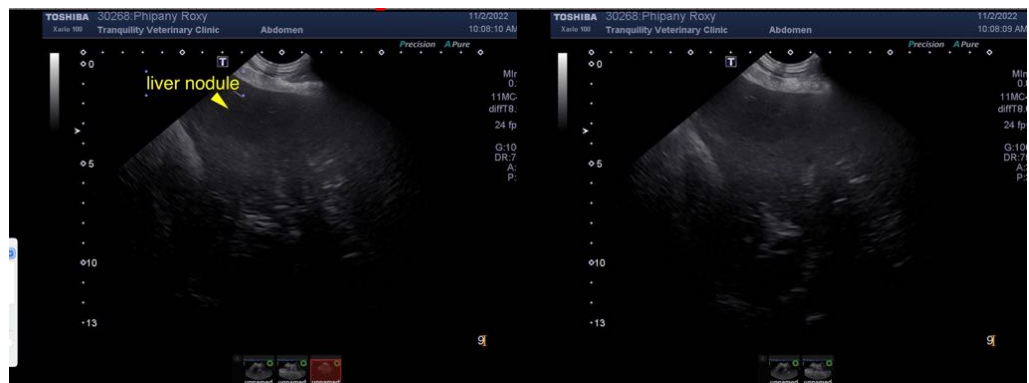
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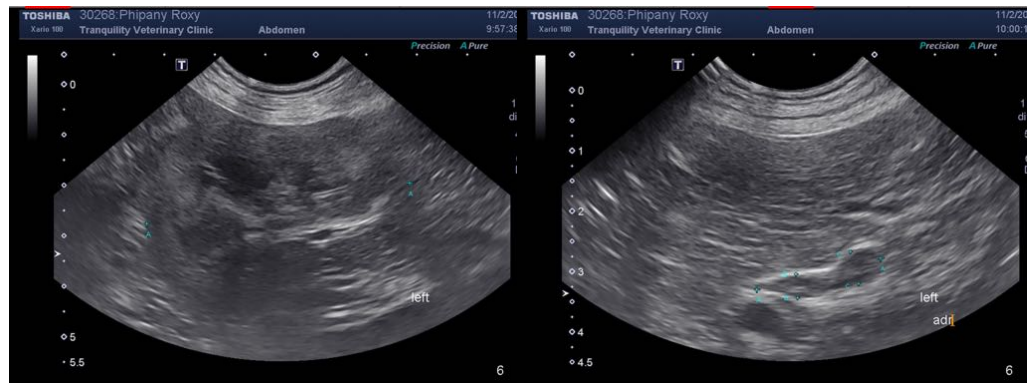
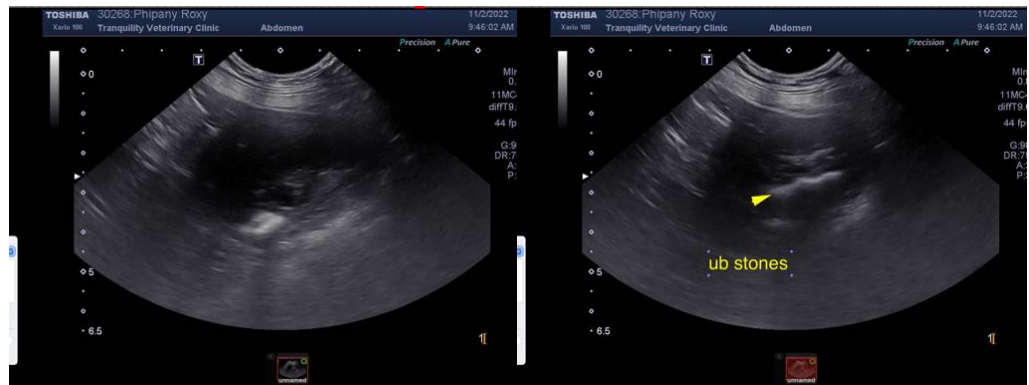
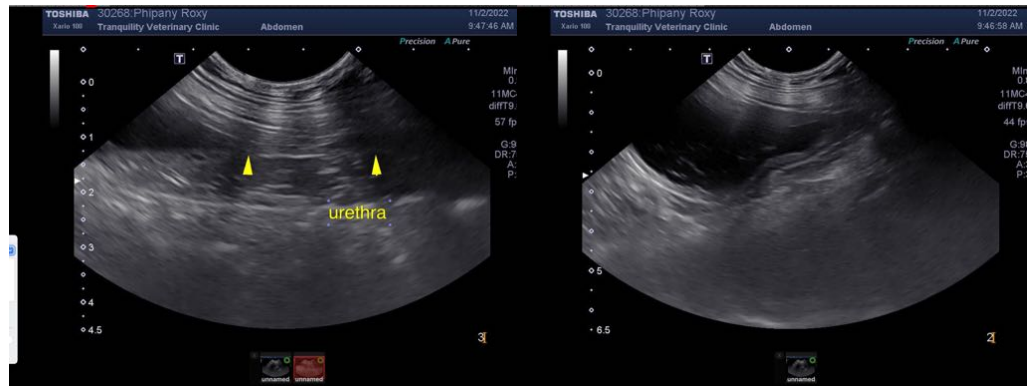
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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