



PATIENT PRESENTING CLINICAL SIGNS

Merl Ash

Last night O came home and found fresh piles of vomit in the house. Vomited a couple more times overnight. Woke up around 5am very restless, since then has vomited consistently. Vomits any water or food given, last meal offered 3pm. Not eating great for last week. Most vomits are green colored, not much foam or mucous in it. No rat bait in the home or anywhere P has been. P does rip some toys but never swallows pieces that O has seen, none currently missing but O does have roommate, unsure if P could have gotten into her room. BM earlier today but O did not see what it looked like. P very lethargic. O introduced new raw kibble to diet about 4 days ago, may have upset P's stomach. Sensitive to new food and grains per o.

SPECIES

Canine

BREED

Pit X

Abnormal PE/Chem/CBC/UA Results: CBC- HCT 34.4%, Lymp 0.60. Eos 0 CHEM 17- ALT 327, rest WNL EPOC- iCa 1.07, CL 101, K 3.1, pH 7.467, HCT 33%

SEX

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Neutered Male

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 were noted. Ureteral papillae were normal.

AGE

8 Years

WEIGHT

47.2 Pounds

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 5.0 cm. The right kidney measured 5.0 cm.

INTERPRETED BY

Eric Lindquist, DMV

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 0.50 cm.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harmon

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Harmon

Liver

The **liver** revealed an expansive irregular mass that appears to derive from the left lobe, measuring approximately 8-10 cm. Irregular contour noted to the liver. The gallbladder was unremarkable.

INVOICE

41633

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.

DATE

9/24/22



PATIENT

Merl Ash

Pancreas

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.

SPECIES

Canine

Free Abdomen

Moderate amount of free fluid noted in the abdomen.

BREED

Pit X

Some heterogeneous omental changes noted.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Left-sided liver mass
- Large amount of free fluid

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Possible carcinomatosis or similar. Abdominocentesis of the free fluid and FNA of the left liver mass indicated for further definition. Mild potential for lobar hepatic torsion. Power doppler assessment of the liver could be considered to assess this potential. CT evaluation after abdominocentesis with drainage would be appropriate to assess if the hepatic pathology is resectable. However, it depends if the potential neoplastic process is exfoliating into the abdomen.

WEIGHT

47.2 Pounds

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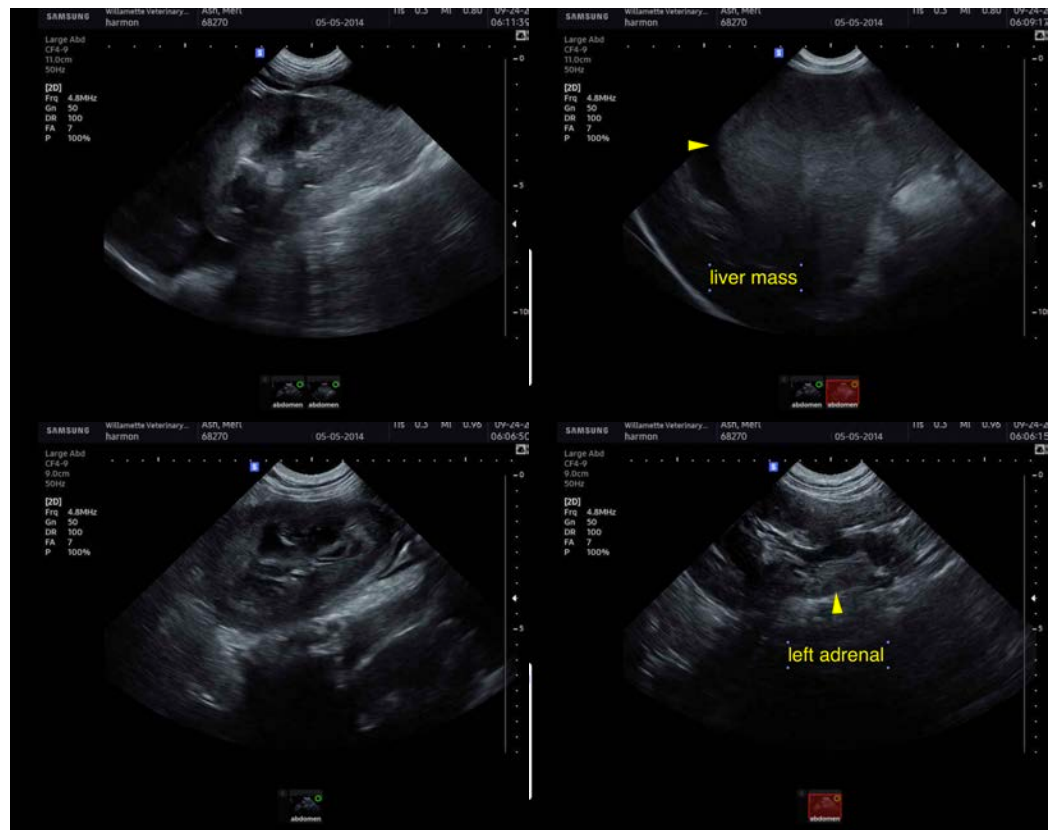
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SPECIES

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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.

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