



PATIENT PRESENTING CLINICAL SIGNS

Holly Killion History: Lethargic, vomiting, distended abdomen. Elevated liver and kidney values.

Abnormal PE/Chem/CBC/UA Results: AST 808, ALT 3242, BUN 87, CREAT 3.5 PHOS 9.9 WBC 30.4

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full, with a normal thickened and irregular appearance of the apical wall, with the rest of the wall having a normal thickness and smooth appearance. Normal anechoic urine with no sediment or uroliths evident.

BREED

Golden Retriever

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

SEX

Spayed Female

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

AGE

10 years

Normal renal size (left kidney 7.90 cm) (right kidney 7.40 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule. No infarcts, mineralization or renoliths evident.

Adrenal Glands

Poorly visualized, but appear to be of normal shape, echogenic appearance, size and position.

WEIGHT

112 lbs

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
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Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Large, irregular, mottled echogenic parenchymal mass (5.40 x 5.40 cm) in the right lobe with a small amount of fluid accumulating around the region. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

IMAGING PERFORMED BY

JK

Gallbladder

The gallbladder is small, containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

HOSPITAL NAME

Hamburg VC

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

REFERRING VET

Dr. Branning

Pancreas

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

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Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

DATE

6.30.23



PATIENT

Holly Killion

ULTRASONOGRAPHIC FINDINGS

Primary Findings

SPECIES

Canine

BREED

Golden Retriever

- Hepatic mass
- Cranial ascites
- Thickening of the apical bladder wall
- Age-related renal changes versus early chronic kidney disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Spayed Female

Etiologies for the hepatic mass would be neoplasia, granuloma, and organized abscessation or hematoma. The ascitic fluid around the liver can be ascribed to the hepatic mass.

AGE

10 years

Etiologies for the urinary bladder thickening would be chronic cystitis and emerging neoplasia.

Further assessment would be urinalysis, urine culture, BRAF analysis, and FNA cytology of the hepatic mass.

WEIGHT

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Specific therapy would be dependent on an etiological diagnosis. If surgical resection of the hepatic mass is being considered, then a CT scan of both the abdomen and thorax would be recommended.

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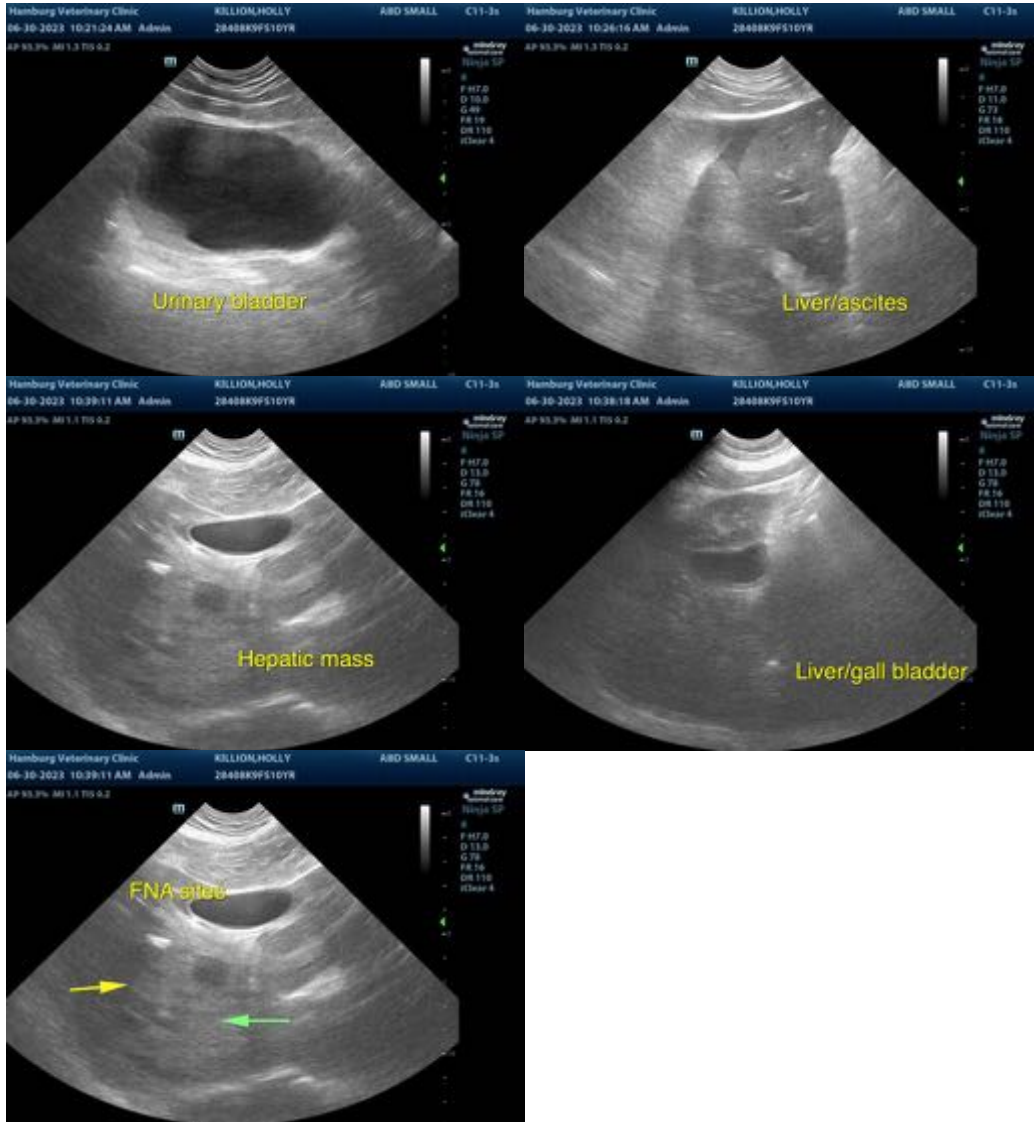
Dr. Branning

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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 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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