



PATIENT

Zeek Kohler

PRESENTING CLINICAL SIGNS

History: Calcification on xrays in cranial abd Significant weight loss

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone is normal.

BREED

Pit bull mix

The prostate is not definitively visualized due to its pelvic location.

SEX

Male, neutered

The left kidney is normal size (5.56 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

9 Yrs.

The right kidney is normal size (6.51 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

62.5 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.72 cm at cranial pole) (0.70 cm at caudal pole) (2.36 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.

INTERPRETED BY

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

The right adrenal gland is normal size (1.56 cm at cranial pole) (0.69 cm at caudal pole) (3.05 cm in length) with a normal shape and smooth peripheral contours. A 1.22 cm ill-defined hyperechoic nodule/area is observed at the cranial pole. The glandular echogenicity and detail at the caudal pole are unremarkable. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY
Jenn

Spleen

The spleen is normal in width (1.97 cm in width at the level of the hilus) with an elongated contour and normal curvilinear peripheral margins. The parenchyma is slightly mottled in appearance. No focal lesions are observed. Splenic vasculature appears normal with no evidence of thrombosis.

HOSPITAL NAME

Rockaway AH

Liver

The liver is normal to prominent in size with irregular peripheral contours. A >6 cm irregular, heterogeneous cavitated mass is arising from the left side, at the caudal aspect. The lesion causes capsular expansion. In addition, a smaller (approximately 5 cm) similar appearing mass is observed on the right side, adjacent to the diaphragm. It is unclear whether this represents a separate mass or an extension of the larger mass. In the remainder of the liver, the parenchyma is hypoechoic relative to the spleen and relatively homogeneous in appearance. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Maniar

INVOICE

14889

Gastrointestinal

DATE
5/3/23



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The gastric lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

SPECIES

Canine

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Pit bull mix

Free Abdomen

There is no obvious evidence of free fluid. 1-2 prominent medial iliac lymph nodes are visualized, the largest measuring 1.79 cm in length.

SEX

Male, neutered

Other

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

AGE

9 Yrs.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

62.5 lbs.

Primary Findings:

- Hepatic mass(es). Neoplasia (i.e., hemangiosarcoma, hemangiomas, adenocarcinoma, round cell tumor) is considered likely with a lower possibility of benign process (i.e., inflammatory).

Secondary Findings:

- Suspected right adrenal nodule. Differentials include benign nodular hyperplasia or an emerging tumor.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- If there is no evidence of pulmonary metastatic disease and an aggressive approach is desired, consider consultation with a board-certified surgeon to discuss mass removal or debulking. An abdominal CT scan would be useful in pre-surgical planning. If surgery is not pursued, palliative care is recommended.

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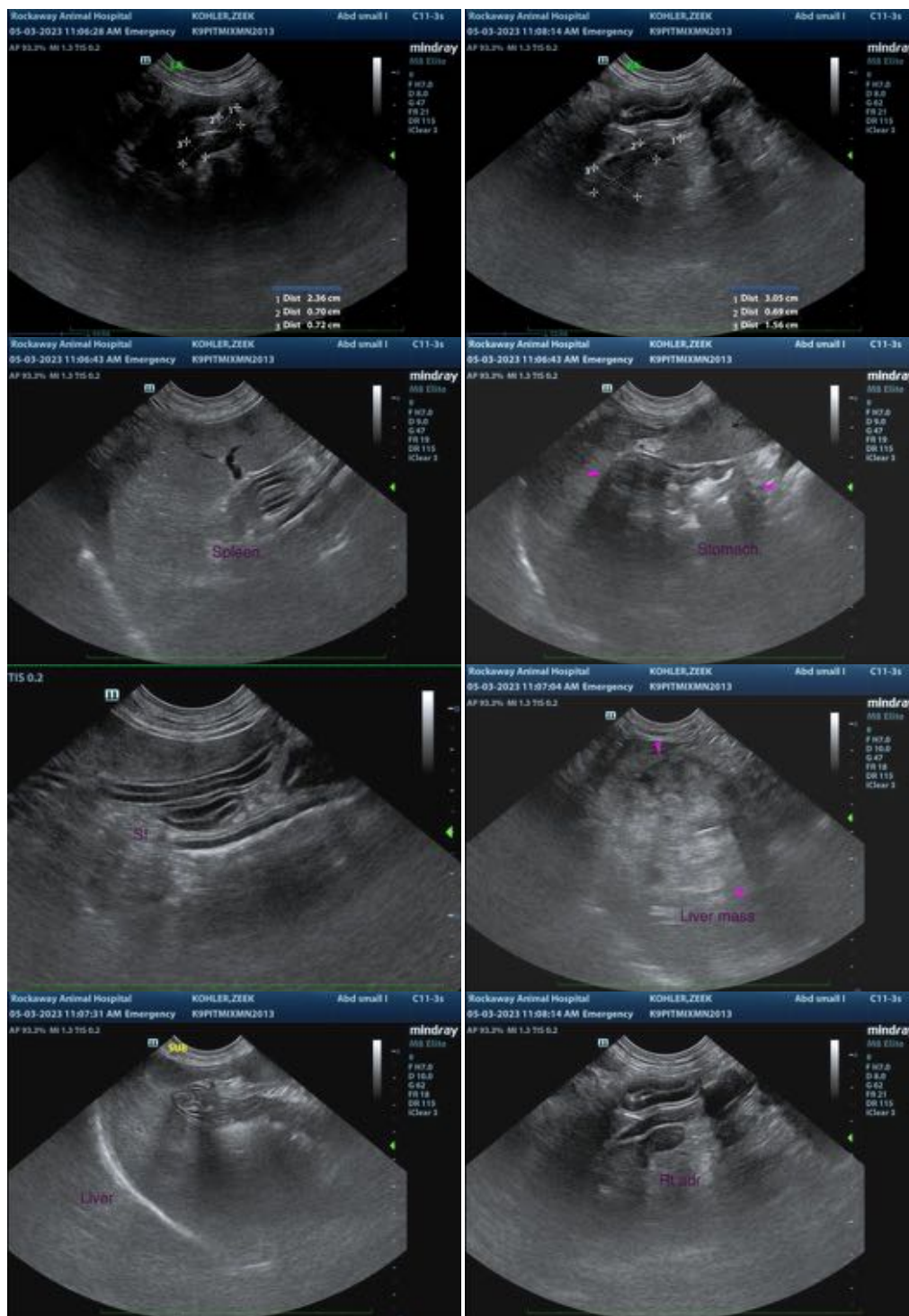
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com