



PATIENT PRESENTING CLINICAL SIGNS

Carmine Bove Hematuria with bacteria and proteinuria, alkaline urine, improved with antibiotics.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES *Urinary System*

Feline A sessile based non-homogenous mass with asymmetrical margination was present and measured 1.6 cm x 1.1 cm. The mass appeared to originate from the mid to caudodorsal wall extending mildly into the bladder lumen. The parenchyma of the mass was heterogeneous with focal echogenic foci and mineralization. Doppler evaluation of the mass confirmed blood flow within the mass. Anechoic urine was present in the lumen with no uroliths or sediment. No evidence of left or right hydronephrosis.

BREED

DSH

SEX

MN

AGE

2005

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy or masses.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation or hydronephrosis was present. Bilateral pinpoint medullary mineral was present. The left kidney measured 3.7 cm in length. The right kidney measured 4.1 cm in length.

Adrenal Glands

WEIGHT

9.5

The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.

Spleen

INTERPRETED BY

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 DVM, DABVP
 (Canine and Feline)

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

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Liver/ Gallbladder

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. A small mildly non-homogenous well demarcated caudate lobe mass was present measuring 3.0 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

HOSPITAL NAME

Easton AH

REFERRING VET

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

INVOICE

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

DATE

5/3/23

Pancreas



PATIENT Carmine Bove
The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

Free Abdomen

SPECIES Feline
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

BREED *Primary Findings*

- DSH Dorsal urinary bladder mass/lesion-suspect neoplastic criteria i.e., transitional cell carcinoma, potential for regional cystitis/atypical polyploid cystitis possible.
- SEX Bilateral chronic renal changes-no evidence of pyelectasia, hydronephrosis or hydroureter.
- MN Non-specific suspect benign small non-homogenous caudate liver mass lesion-suspect benign biliary adenoma.

AGE 2005
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT 9.5
A urine C/S on sterile urine sample if possible is suggested if patient has been off of antibiotics at least 7 days. Cytospin cytology of a free catch urine may be considered to assess for atypical transitional cells. Assuming normal renal function, a NSAID trial with sonographic monitoring of the urinary bladder could be considered. No evidence of pericyclic metastasis.

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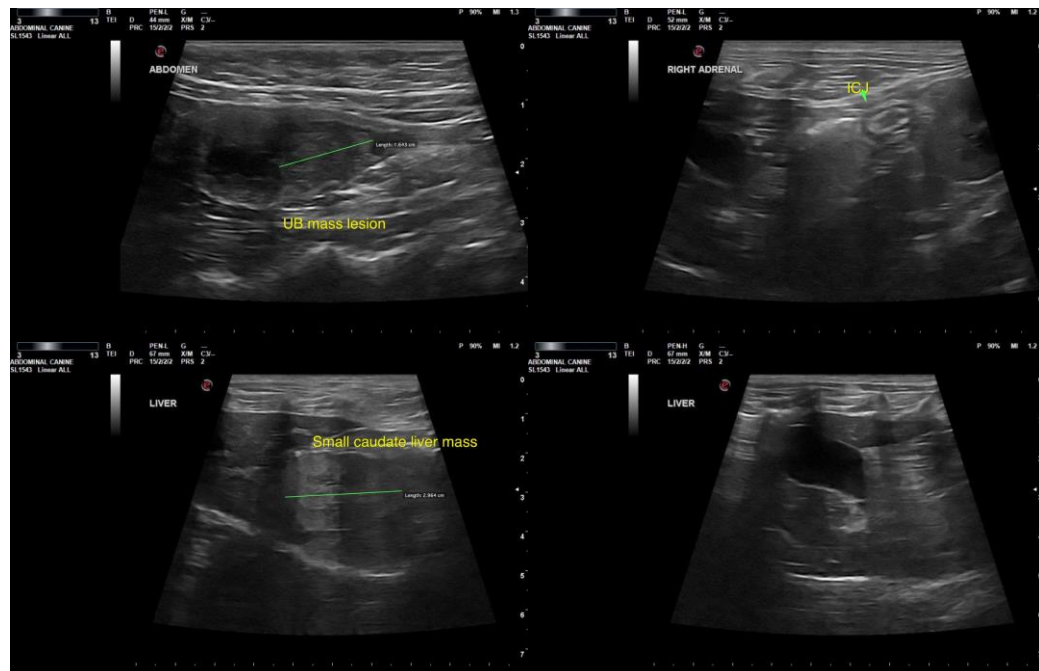
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PATIENT

Carmine Bove

SPECIES

Feline

BREED

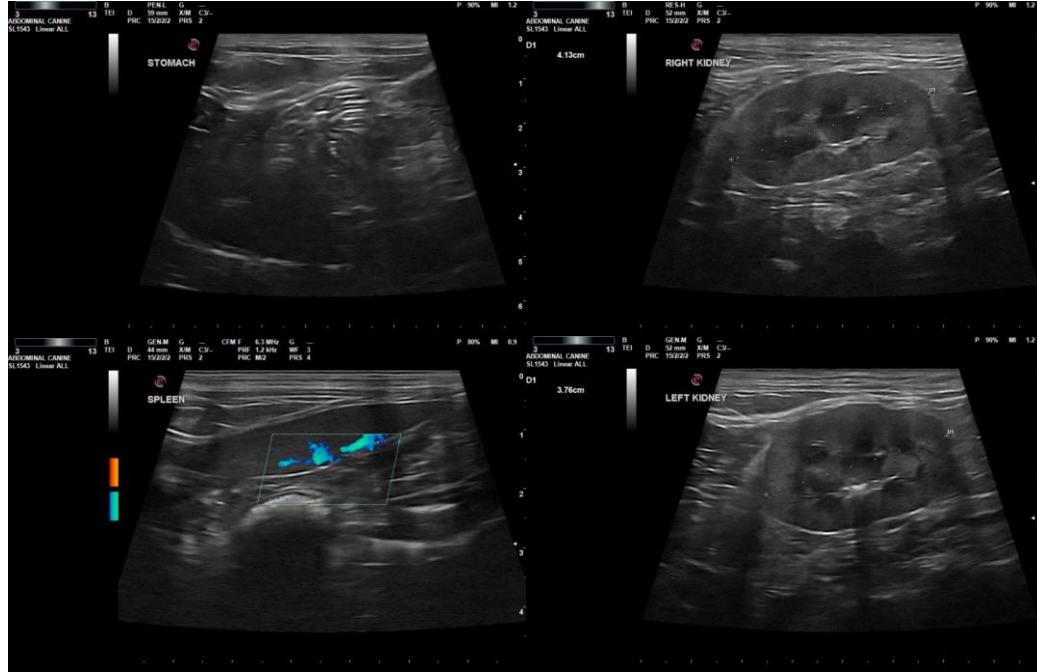
DSH

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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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