



PATIENT PRESENTING CLINICAL SIGNS

Kitty Moretto Cat brought in for exam and vaccinations. Emaciation, severe jaundice. Loosing weight. On and off vomiting

SPECIES Abnormal PE/Chem/CBC/UA Results: CBC WNL, except: HCT 29.1 (N 30.3 - 52.3) LOW HGB 9.6 (N 9.8 - 16.2) LOW WBC 20.07 (N 2.87 - 17.02) HIGH Neu 15.89 (N 2.3 - 10.29) HIGH Chemistry WNL, except: Glob 59 (N 28 - 51) HIGH Alt 384 (N 12 - 130) HIGH Alkp 301 (N 14 - 111) HIGH TBil 210 (N 0 - 15) HIGH TT4 15 (N 10 - 60) SDMA 15 (N 0 - 14) HIGH

Feline

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

DLH *Urinary System*

SEX 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.

MN

AGE The kidneys revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.9 cm in length. The right kidney measured 4.12 cm in length.

12yr

WEIGHT
3kg

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.33 cm. The right adrenal gland measured 0.39 cm.

Spleen

IMAGING PERFORMED BY
Dr. Barnes

The spleen presented with enlargement and scalloping contour measuring 1.7 cm in width. The spleen was folded upon itself cranially. Slight areas of free fluid noted around the spleen.

Liver

HOSPITAL NAME

Westview Veterinary
Hospital

The liver images submitted revealed lobar biliary duct dilation consistent with post hepatic obstruction. The gallbladder was overdistended with a tortuous cystic duct and echogenic debris as well as tissue proliferation and mineralization in the distal cystic bile duct and common bile duct. An undifferentiated 4 cm duct dilation was present at the junction of the cystic duct and common bile duct. A mass was noted in the distal common bile duct as well measuring 2 cm. The distal common bile duct appeared to taper adequately towards the duodenal papilla however I am strongly concerned for underlying biliary carcinoma with secondary post hepatic obstruction.

REFERRING VET

Dr. Barnes

Slight free fluid was present. Heterogeneous nodular changes were noted throughout the liver and may be related to metastatic disease. The nodular margins were ill defined.

INVOICE

12531ag

Gastrointestinal

DATE

12/23/2022

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



PATIENT

Kitty Moretto

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

SPECIES

Feline

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.

BREED

Free Abdomen

DLH

Slight peritoneal free fluid was noted around the liver/CBD.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

- Post hepatic obstruction with strong concern for potentially metastatic biliary carcinoma, stricture or proliferative inflammatory hyperplasia as underlying causes possible.
- Mass in the area of the distal common bile duct
- Mild age related renal changes

AGE

12yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery would be necessary for further definition although this liver/common bile duct presentation is unlikely to be inflammatory. A poor prognosis is indicated.

WEIGHT

3kg

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Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Barnes

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REFERRING VET

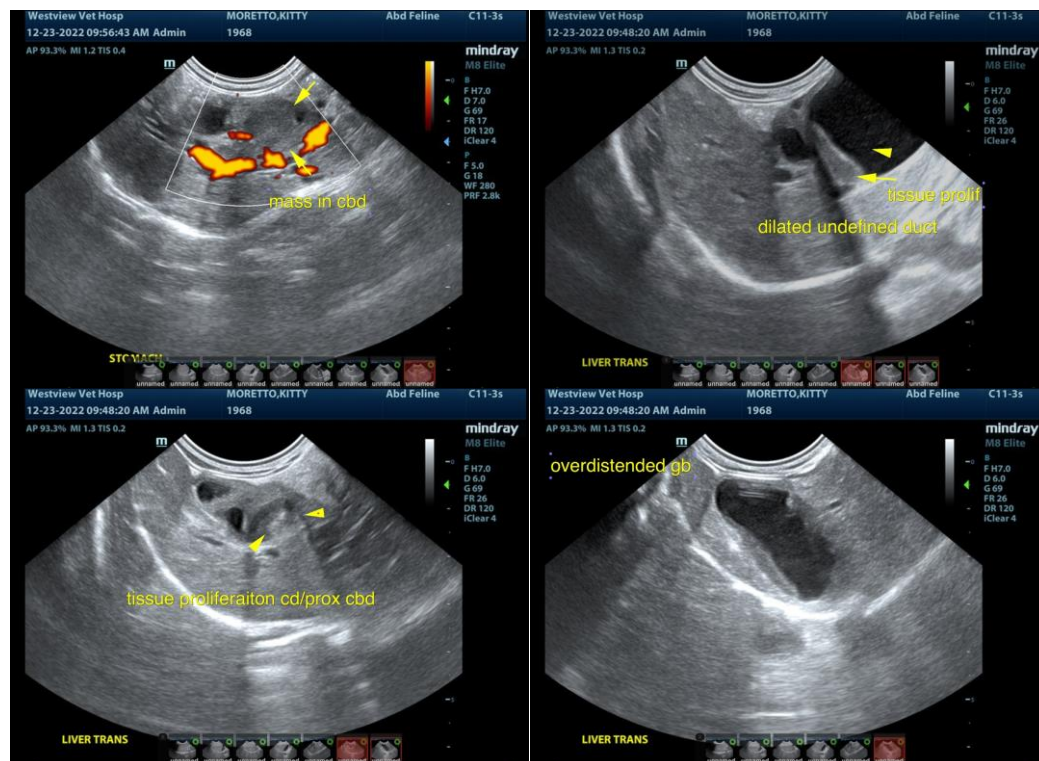
Dr. Barnes

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Kitty Moretto

SPECIES

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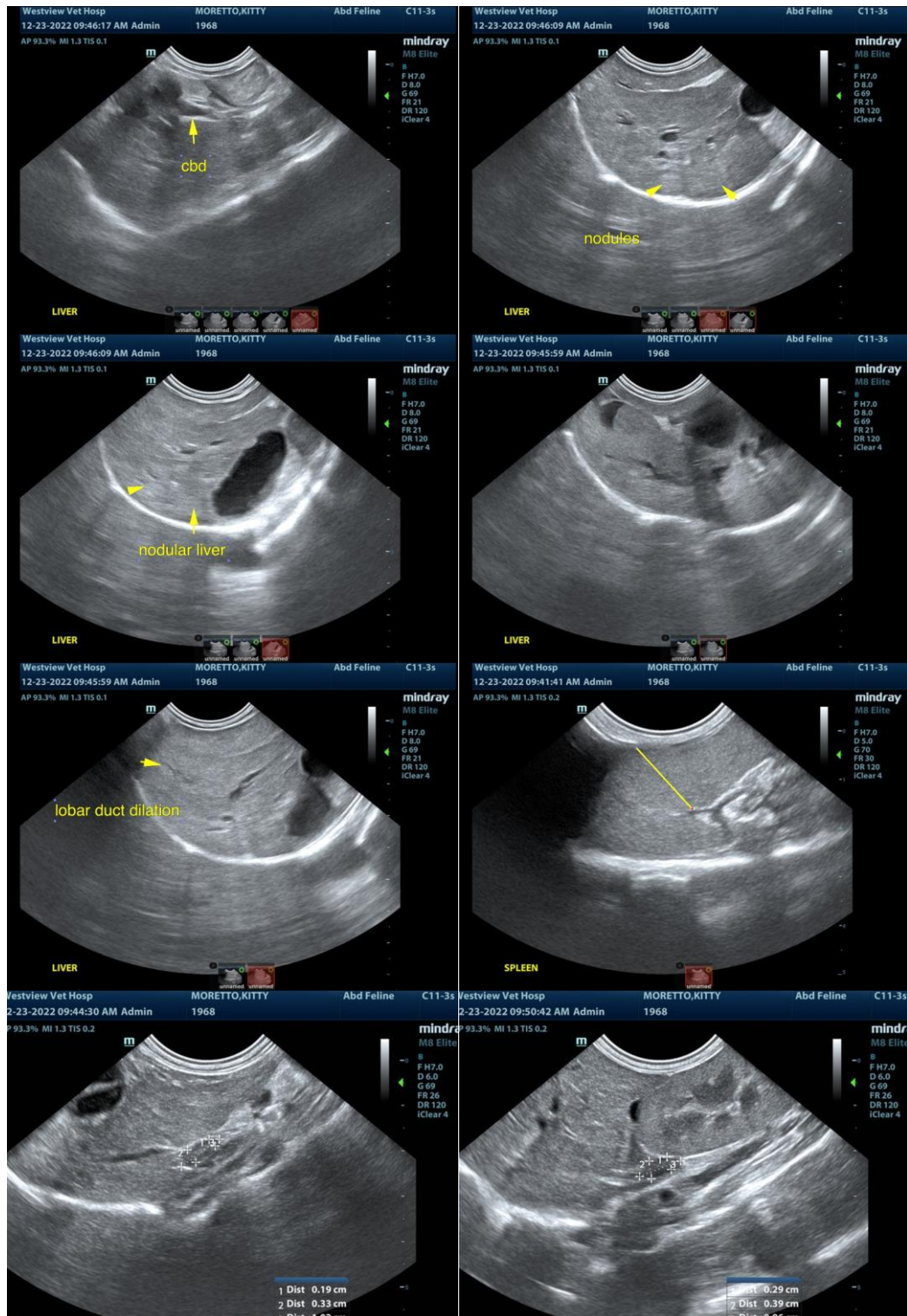
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PATIENT

Kitty Moretto

SPECIES

Feline

BREED

DLH

SEX

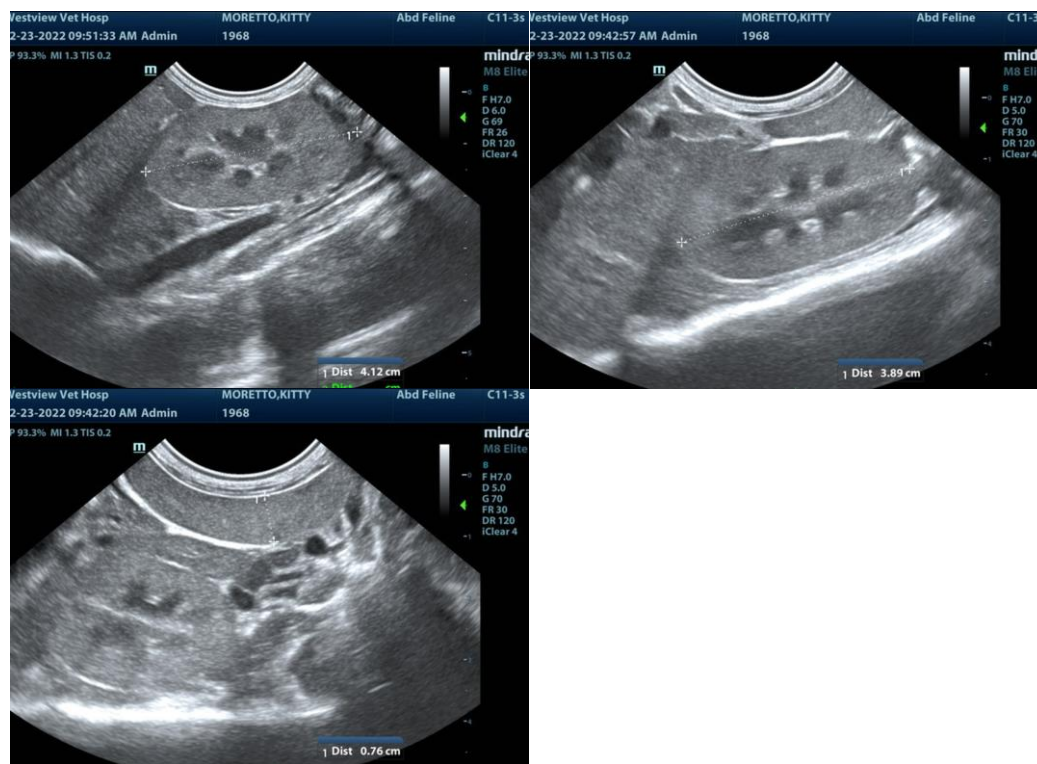
MN

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WEIGHT

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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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