



PATIENT

Zimba Debiase

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

14yr

WEIGHT

5.12lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Michaleen

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

Dr. Feldt

INVOICE

13279ag

DATE

03/24/2023

PRESENTING CLINICAL SIGNS

Reason for Visit: constipated/bald patches History: Zimba, a 14 yr old Spayed female DSH presents today for constipation. O states he has not seen P defecate in about 4-5 days. P has specific litter box she goes in and he has not seen any stool in litterbox. P is also hiding and not eating. P usually is very social and has a big appetite. P is also scratching herself around the face/shoulder blades/ears. There is a bald patch in betweenher shoulder blades. Hx CRF, hypertension, constipation, prior lung lobectomy for neoplasia

Abnormal PE/Chem/CBC/UA Results: Hydration: N Mentation: QAR EENT: N Oral Cavity: mm pale pink, tacky Lymph Nodes: N Skin: positive skin tent CV/Respiratory: N Abd/GI: Liver mildly enlarged with palpable nodules on surface Kidneys small, lumpy bumpy Compressible stool in majority of colon but distal colon at pelvic inlet very firm large non-compressible stool Uro/Perineum: N Musculoskeletal: BCS 3/9 Neurological: N Diagnostic Testing Needed: Senior panel in house CBC HCT 31, neutrophilia - stress vs inflammation, neoplasia SDMA 37, Creat 2.6, BUN 41, Phos 8.4 - progressive CRF ALT 145 - r/o sec to liver neoplasia FeLV/FIV - neg BP 200 Chest/ab rads - large irregular liver Ab US

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

Normal size and asymmetric 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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Bilateral non-obstructive medullary nephroliths and cortical cysts were present. Potential for cortical microinfarction present. The left kidney measured 4.3 cm in length. The right kidney measured 3.5 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

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

Spleen

The spleen exhibited normal size and minor capsule asymmetry with subtle hypoechoic to heterogenous parenchyma. No splenic masses or nodules. The spleen measured 0.5 cm in diameter. Potential for mild splenic volume contraction.

Liver/Gallbladder

The liver was asymmetrically enlarged with capsule asymmetry and generalized non-homogenous parenchyma exhibiting variably sized mildly expansive isoechoic to hypoechoic nodules, an example measuring 2.8 - 3.5 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal



PATIENT

Zimba Debiase

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta with no signs of ileus, obstruction or foreign material.

SPECIES

Feline

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 potential distention and apparent formed to semi formed feces in lumen extending into the colorectum.

BREED

DSH

Pancreas

The left limb of the pancreas was mildly prominent in size exhibiting mild capsule asymmetry with non-homogenous mildly hypoechoic parenchyma and minor pancreatic duct dilation.

SEX

FS

Free Abdomen

Mild volume peritoneal effusion was present with generalized hyperechoic omentum.

ULTRASONOGRAPHIC FINDINGS

AGE

14yr

- Enlarged non-homogenous/nodular liver.
- Bilateral moderate chronic degenerative renal changes with non-obstructive nephrolithiasis and cortical cysts.
- Overtly normal GI tract with mild gastric ingesta.
- Normal visualized colon walls, potential for generalized colon distention with formed to semi formed fecal matter.
- Mild volume peritoneal free fluid with generalized mild non-uniform hyperechoic omentum.
- Mild prominent to non-homogenous left pancreas-age related pancreatic changes, potential for low grade inflammation.

WEIGHT

5.12lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Primary concern for hepatic neoplastic criteria is warranted. The effusion and generalized hyperechoic omentum may indicate effusion secondary to hepatic disease or non-specific peritonitis with potential for carcinomatosis, lymphomatosis or similar. Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology is warranted for further assessment. Effusion analysis cytology +/- C/S is recommended if possible. An extremely guarded to unfavorable prognosis is indicated.

Michaleen

HOSPITAL NAME

DPC Veterinary
Hospital



REFERRING VET

Dr. Feldt

INVOICE

13279ag

DATE

03/24/2023



PATIENT

Zimba Debiase

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

14yr

WEIGHT

5.12lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Michaleen

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

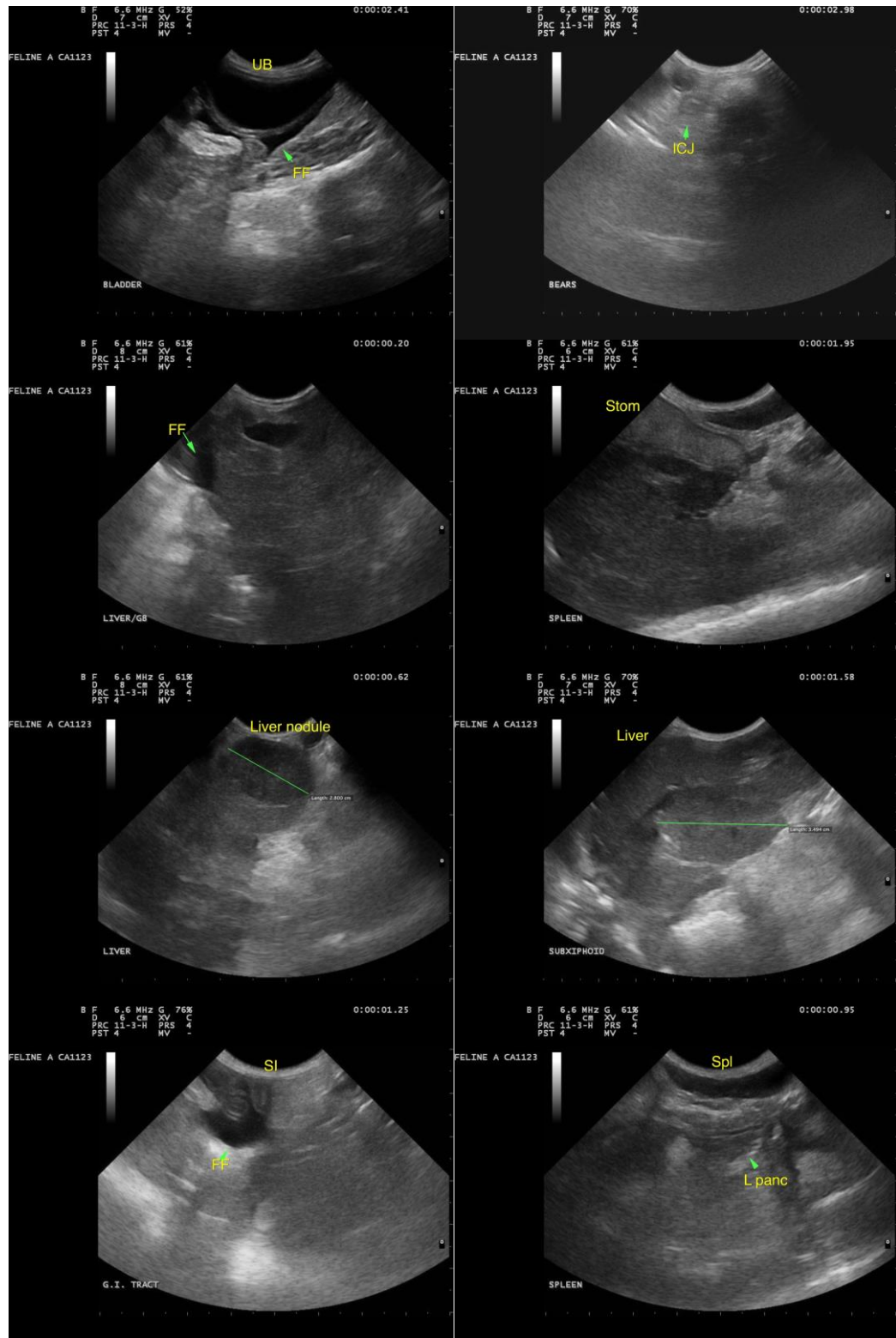
Dr. Feldt

INVOICE

13279ag

DATE

03/24/2023



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.



PATIENT

Zimba Debiase

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.

SPECIES

Feline

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

mac.daniel@sonopath.com

BREED

DSH

SEX

FS

AGE

14yr

WEIGHT

5.12lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Michaleen

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

Dr. Feldt

INVOICE

13279ag

DATE

03/24/2023