



PATIENT

Jahara Schiff

PRESENTING CLINICAL SIGNS

Patient is non-specifically ADR: lethargic, hiding, hyporexic. Labs show low albumin and high globulin with elevated SpecfPL. Ddx: neoplasia, kidney disease, IBD, FIP. On Cerenia; Odansetron

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Egyptian Mau

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 was noted.

SEX

MN

The area of the aortic trifurcation was free of pathology.

AGE

11 years

Normal renal size with asymmetrical margination were present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. The left kidney measured 4.3 cm in length. The right kidney measured 4.0 cm in length.

WEIGHT

9.89 lbs.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.48 cm width.

INTERPRETED BY

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

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present. The potential for discrete micronodular parenchyma changes was noted. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease. The spleen measured 0.96 cm width at the level of the hilus.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Littleton AH

Liver/ Gallbladder

The liver exhibited mild to moderate enlargement with primarily symmetrical swollen capsule contour. Regional areas of nonuniform, discretely nodular parenchyma were present in the ventral liver. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dawn Brooks, DVM

INVOICE

13418

Gastrointestinal

The stomach exhibited intact to indistinct, prominent to hypoechoic wall layering was present in the gastric fundus body. The stomach was primarily empty with luminal gas. The potential for mild retained fluid was present. The gastric body wall width measured 0.40 cm.

DATE

2/24/22



PATIENT

Jahara Schiff

The small intestine presented intact wall layering with mild altered muscularis/mucosa ratio owing to segmental to generalized propensity for mildly prominent muscularis layer. The jejunum wall width measured 0.30 cm. The ileocolic wall width measured 0.34 cm.

SPECIES

Feline

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

Pancreas

The pancreas exhibited subjective enlargement with hypoechoic parenchyma and indistinct capsule compared to adjacent variably echogenic peripancreatic omentum.

BREED

Egyptian Mau

Free Abdomen

Generalized, nonuniform hyperechoic mesentery was present. Intermittent, variably sized, nonhomogeneous mesentery lymph nodes to potential nodules were present. An example measured 1.4 cm x 0.8 cm. Moderate volume peritoneal free fluid exhibiting mild cellular component was present.

SEX

MN

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly exhibiting regional nonuniform to discretely nodular parenchyma
- Bilateral nonspecific chronic renal changes
- Gastroenteropathy exhibiting prominent to mildly thickened wall layering
- Indistinct hypoechoic to prominent pancreas
- Generalized nonuniform hyperechoic mesentery, moderate volume peritoneal free fluid exhibiting mild cellular component, and intermittent nonhomogeneous mesenteric lymph nodes vs. nodules

WEIGHT

9.89 lbs.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend abdominocentesis, rapid cytopsin, and rapid slide preparation of the sediment to conserve the integrity of the cells would be recommended in order to optimize the cytological interpretation. Culture of the fluid can also be considered if any suspicion of inflammatory elements is noted. FIP is technically a potential; therefore, FIP titers on the fluid are essential; however, given the age of the patient FIP is less likely. Multicentric neoplasia such as carcinomatosis, lymphomatosis, or similar is considered the primary differential diagnosis.

IMAGING

PERFORMED BY

Pamela Harrigan, RDMS

HOSPITAL NAME

Littleton AH

REFERRING VET

Dawn Brooks, DVM

The free fluid has mild echogenic changes to it. Depending on the degree of subnormal albumin levels that could potentially diminish oncotic pressures to the point of causing free fluid, yet without evidence of passive congestion with hepatic vasculature or vena cava and no significant, diffuse hepatic disease, as well as no evidence of intestinal perforation or other pathology that would be responsible for effusion of this nature, lymphatic obstruction owing to carcinomatosis and lymphomatosis or similar is my primary concern.

INVOICE

13418

DATE

2/24/22



PATIENT

Jahara Schiff

SPECIES

Feline

BREED

Egyptian Mau

SEX

MN

AGE

11 years

WEIGHT

9.89 lbs.

INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Littleton AH

REFERRING VET

Dawn Brooks, DVM

INVOICE

13418

DATE

2/24/22





PATIENT

Jahara Schiff

SPECIES

Feline

BREED

Egyptian Mau



SEX

MN

AGE

11 years

WEIGHT

9.89 lbs.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Littleton AH

REFERRING VET

Dawn Brooks, DVM

INVOICE

13418

DATE

2/24/22