



PATIENT

Maddie Coomer

SPECIES

Canine

BREED

Mixed

SEX

FS

AGE

8yr

WEIGHT

35.6lb

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Susanne Bush

HOSPITAL NAME

Greater Miami
Veterinary Care

REFERRING VET

Susanne Bush

INVOICE

11138ag

DATE

07/13/2022

PRESENTING CLINICAL SIGNS

History: Maddie presented on 10/21/2021 for a 2 month history of inappetance and noting that she had lost a significant amount of weight (unsure of amount but had to tighten collar twice due to weight loss). At that time the spleen felt subjectively large and she had many wrinkles of loose skin. Labs were normal at that time (CBC/Chem/t4) other than a mildly decreased resting cortisol (1.7). Further diagnostics were declined at that time. She then presented again on 6/27/22 for inappetance and weight loss. Had lost additional 10 pounds. New labs indicated mild decrease in globulins and increased spec CLP (>700). Not responsive to cerenia, low fat diet, mirtazipine.

Abnormal PE/Chem/CBC/UA Results: 10/21/21: CBC/Chem and resting cortisol (1.7) 6/27/22: CBC/Chem/T4 and SpecCPL: globulins decreased, stress leukogram, elevated specCPL 7/12/22: u/a unremarkable

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The kidneys revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. A 1.0 cm cortical cyst was noted in the left kidney. The cortices presented largely uniform texture with some minor 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 6.0 cm in length. The right kidney measured 6.0 cm in length.

Adrenal Glands

The left adrenal gland was mildly enlarged and uniform echogenicity. The right adrenal gland exhibited 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 2.91 cm in length by 0.79 cm caudal pole width by 1.11 cm cranial pole width. The right adrenal gland measured 0.6 cm caudal pole width by 0.8 cm cranial pole width.

Spleen

A large slightly irregular multifocal hyperechoic lipogranulomatous type nodule was present. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis.

Liver

The liver images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal



PATIENT

Maddie Coomer

SPECIES

Canine

BREED

Mixed

SEX

FS

AGE

8yr

WEIGHT

35.6lb

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Susanne Bush

HOSPITAL NAME

Greater Miami
Veterinary Care

REFERRING VET

Susanne Bush

INVOICE

11138ag

DATE

07/13/2022

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

Pancreas

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.

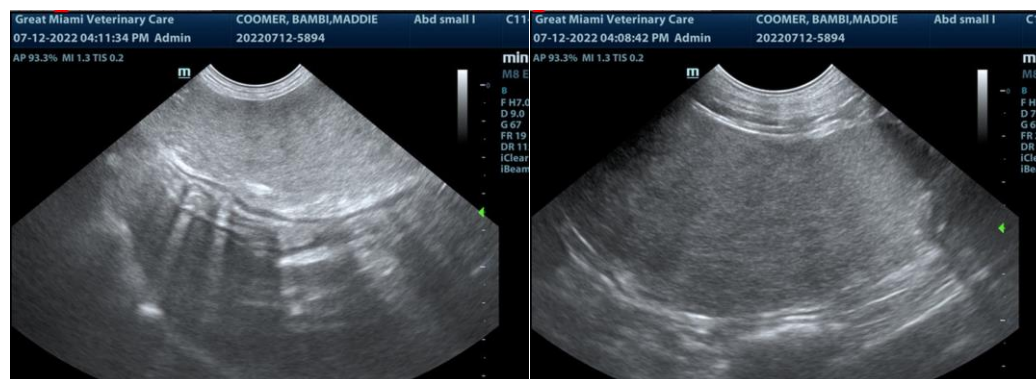
ULTRASONOGRAPHIC FINDINGS

- Mildly enlarged left adrenal gland-likely hyperplasia, mild potential for pheochromocytoma or adenocarcinoma
- Hypersplenism pattern-minor potential for emerging round cell neoplasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Serial BP is warranted. If hypertension is present, then a urine catecholamine is warranted to assess for pheochromocytoma.

A splenic FNA for screening cytology is indicated given the patient history.





PATIENT

Maddie Coomer

SPECIES

Canine

BREED

Mixed

SEX

FS

AGE

8yr

WEIGHT

35.6lb

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Susanne Bush

HOSPITAL NAME

Greater Miami
Veterinary Care

REFERRING VET

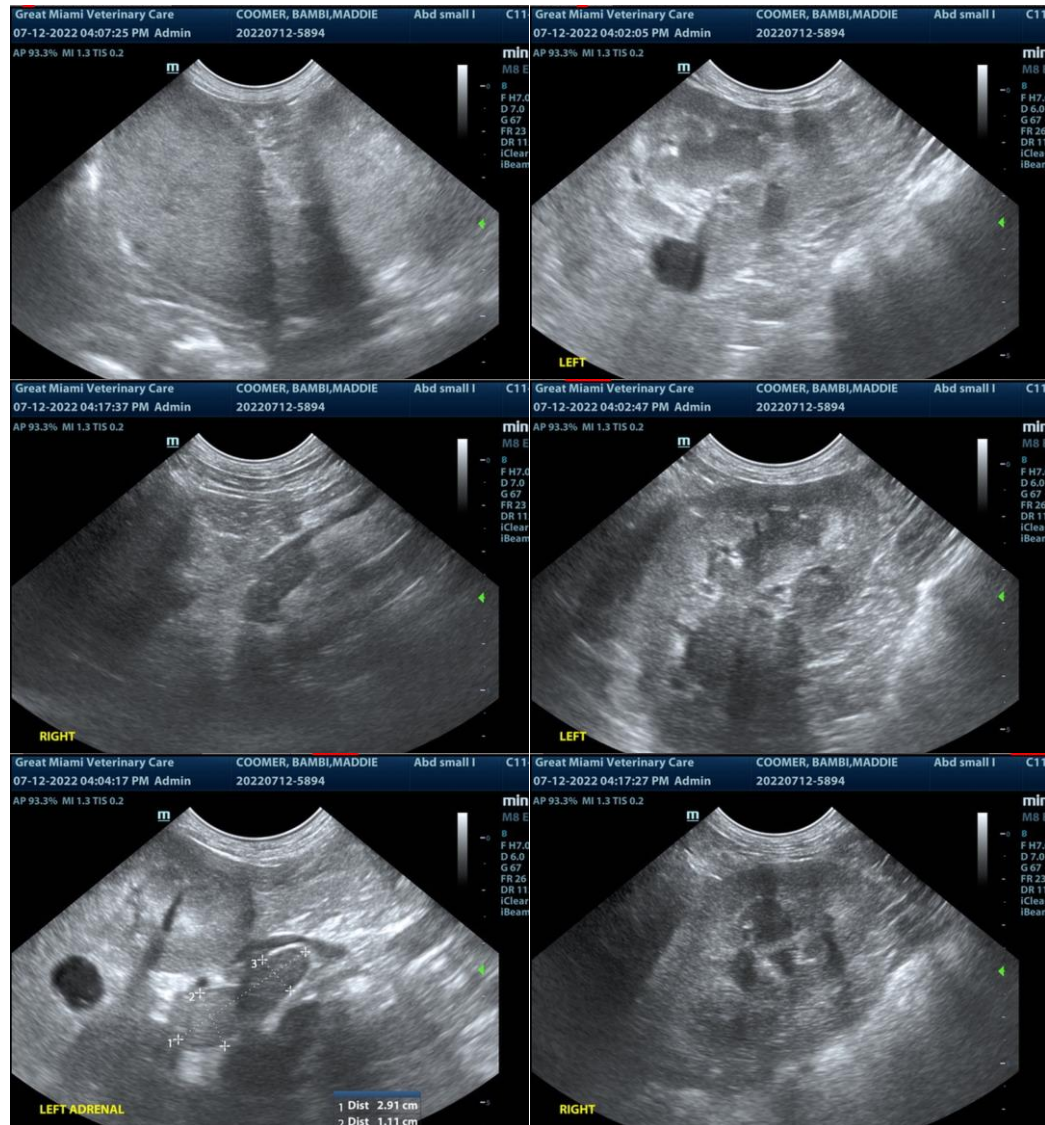
Susanne Bush

INVOICE

11138ag

DATE

07/13/2022



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com