**PATIENT**

Charlie Weir

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 year

WEIGHT

8.2 lbs

INTERPRETED BY

Andrea Nicastro, DVM,
 Diplomate ACVIM (*Small
 Animal Internal Medicine*)

IMAGING PERFORMED BY

Potomac Mobile
 Veterinary Ultrasound

HOSPITAL NAME

Vets & Pets Pet Hospital

REFERRING VET

Dr. Cathy Jarrett

INVOICE

10254

DATE

2/2/22

PRESENTING CLINICAL SIGNS

History: Concern for IBD/Lymphoma. Weight loss, vomiting, and diarrhea.
 Abnormal PE/Chem/CBC/UA Results: (01/25/2022) CHEM: Amylase 1211 and PrecisionPSL 69.
 CBC: WNL. FeLV: Negative. U/A: SG 1.020, pH 7.0, Trace protein found. FIV: Negative

PRESENTING CLINICAL SIGNS**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney is normal size (3.74 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal size (3.53 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.62 cm length; 0.27 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.62 cm length; 0.31 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is subjectively prominent in size (0.88 cm in width at the level of the hilus) with slightly swollen peripheral contours. The parenchyma is diffusely homogenous in appearance. No distinct focal lesions are observed. Splenic vasculature appears normal with no evidence of thrombosis.

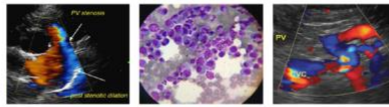
Liver

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated echogenic partially dependent debris is observed within the lumen. The cystic and common bile ducts are normal/not seen. The portal vein to caudal vena cava ratio is approximately 1: 1.

The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of echogenic is observed within the lumen. The cystic and common bile ducts are normal.

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly fluid distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small

**PATIENT**

Charlie Weir

intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

SPECIES

Feline

Pancreas

The pancreas is diffusely enlarged with slightly irregular peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat and diffusely mottled and nodular in appearance. A 0.32 cm cyst is observed in the left limb. The pancreatic duct is visible but not overtly dilated.

BREED

DLH

Free Abdomen

Trace free fluid is observed. A few prominent lymph nodes are observed just medial to the spleen, the largest measuring 0.46 cm in length.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS**Primary Findings****AGE**

11 year

- Non-specific diffuse hepatopathy. Differentials include hepatic lipidosis, inflammatory disease, infiltrative neoplasia (i.e., lymphoma), other hepatopathy.
- The mild splenomegaly could be associated with a benign process such as lymphoid hyperplasia or extramedullary hematopoiesis. Alternatively, emerging neoplasia (i.e., lymphoma) may be present.
- The pancreatic changes are consistent with chronic pancreatitis. The pancreatic nodules are most consistent with benign nodular hyperplasia. However, neoplasia cannot be completely excluded. A small incidental cyst is observed in the left limb.

WEIGHT

8.2 lbs

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (*Small
Animal Internal Medicine*)

Secondary Findings

- Minor degenerative renal changes.
- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

IMAGING PERFORMED BY

Potomac Mobile
Veterinary Ultrasound

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

Vets & Pets Pet Hospital

- Three-view thoracic radiographs are recommended to assess for occult neoplasia in the chest.
- Fine-needle aspirates of the liver, spleen and pancreas can be considered if clotting status is normal. Twenty-five-gauge needles should be used.
- Also consider a GI Panel (send to Texas A&M).

REFERRING VET

Dr. Cathy Jarrett

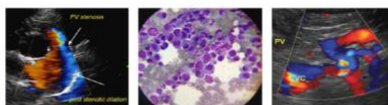
INVOICE

10254

- If all tests are inconclusive, an abdominal exploratory with hepatic GI and pancreatic biopsies may be necessary to get a definitive diagnosis.

DATE

2/2/22



PATIENT

Charlie Weir

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 year

WEIGHT

8.2 lbs

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (Small
Animal Internal Medicine)

IMAGING PERFORMED BY

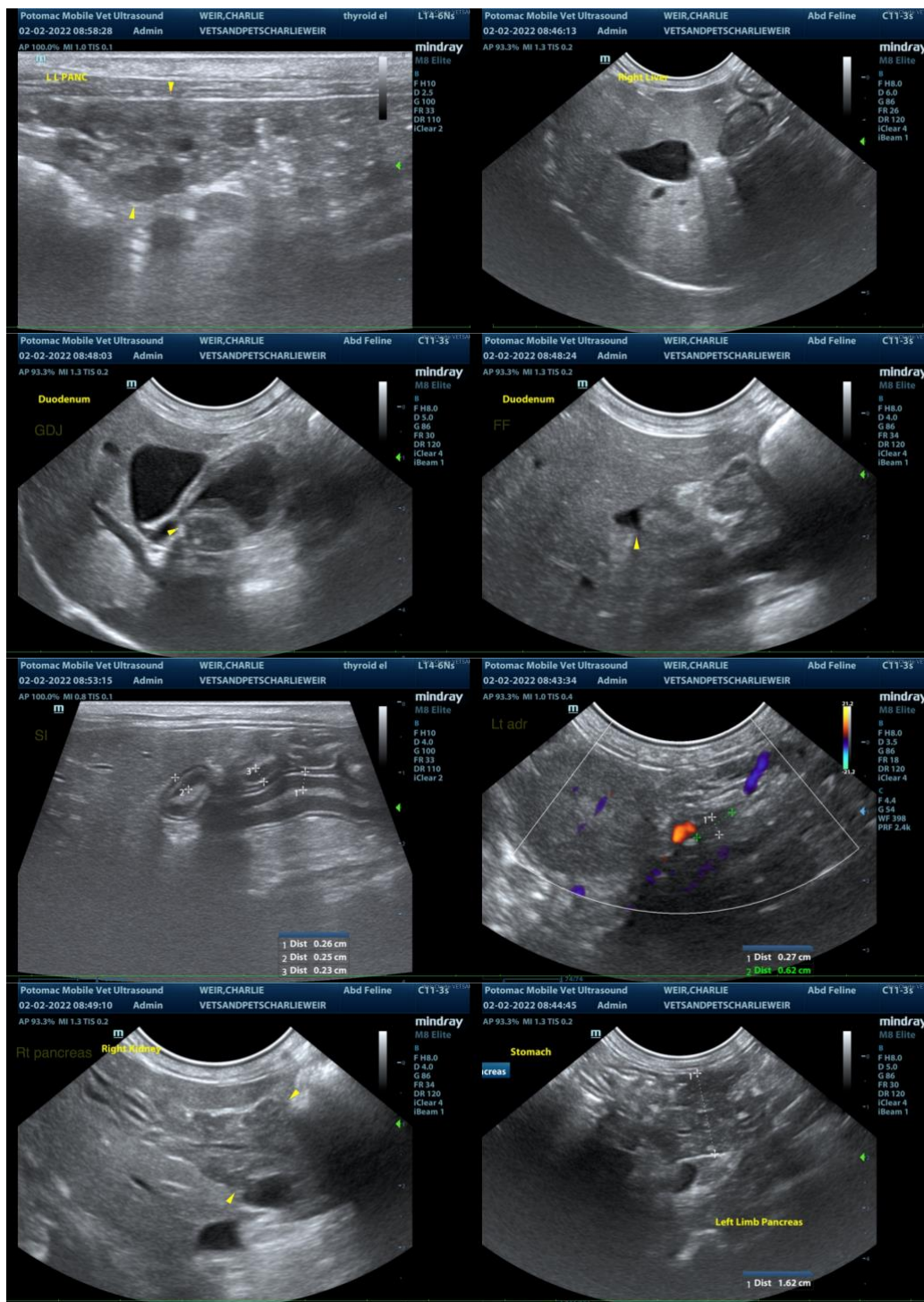
Potomac Mobile
Veterinary Ultrasound

HOSPITAL NAME

Vets & Pets Pet Hospital

REFERRING VET

Dr. Cathy Jarrett

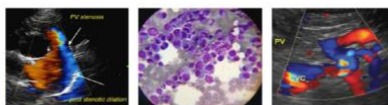


INVOICE

10254

DATE

2/2/22



PATIENT

Charlie Weir

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 year

WEIGHT

8.2 lbs

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (Small
Animal Internal Medicine)

IMAGING PERFORMED BY

Potomac Mobile
Veterinary Ultrasound

HOSPITAL NAME

Vets & Pets Pet Hospital

REFERRING VET

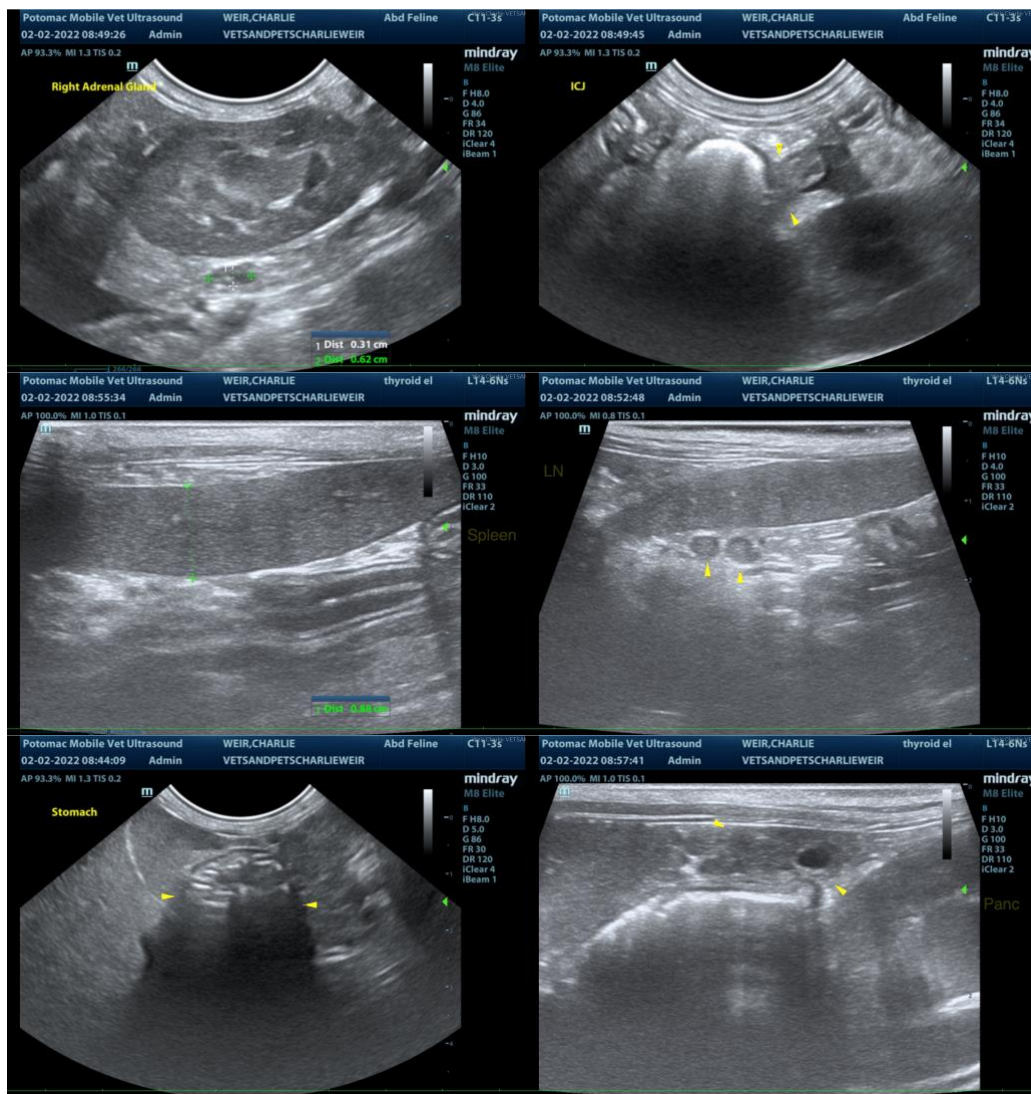
Dr. Cathy Jarrett

INVOICE

10254

DATE

2/2/22



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.

Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com