



PATIENT

Truffles Austin

SPECIES

Canine

BREED

Golden Doodle Mix

SEX

Female

AGE

11

WEIGHT

41

INTERPRETED BY

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

**IMAGING
PERFORMED BY**

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

HOSPITAL NAME

Salt Marsh AH

REFERRING VET

Dr Christina Wiles

INVOICE

22267

DATE

11-17-25

PRESENTING CLINICAL SIGNS

History: 6-month recheck of heart hx of elevated BNP Grade 4/6 murmur Hx of urinary crystals. Owner is concerned the patient is lethargic. Has lost 2 lbs since previous evaluation.
Current medications: Incurin 1mg: 1 PO SID Cefpodoxime 100mg: SID

Abnormal PE/Chem/CBC/UA Results: Hematocrit: 40.4% (slightly low, nonregenerative - previously was 44%). Hemoglobin: 14.4 g/dL ALP: 215 U/L Cardiopet proBNP (Canine): 2,533 pmol/L
Crystals: OCCASIONAL AMMONIUM MG PHOSPHATE (0-1)/HPF

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney is normal in size (5.95 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. At least one, small, cortical cyst is seen. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size (7.25 cm in length) with a normal shape, architecture and 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 in size (0.50 cm at cranial pole) (0.42 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal in size (0.95 cm at cranial pole) (0.48 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.32 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic to slightly hypoechoic 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 portal vein to caudal vena cava ratio is approximately 1: 1.

The gallbladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal



PATIENT

Truffles Austin

SPECIES

Canine

BREED

Golden Doodle Mix

SEX

Female

AGE

11

WEIGHT

41

INTERPRETED BY

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

**IMAGING
PERFORMED BY**

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

HOSPITAL NAME

Salt Marsh AH

REFERRING VET

Dr Christina Wiles

INVOICE

22267

DATE

11-17-25

layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileoceocolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

Pancreas

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

Lymph Nodes

The abdominal lymph nodes are normal/not visible.

Free Abdomen

There is no obvious evidence of free fluid.

ULTRASONOGRAPHIC FINDINGS

- The diffuse hepatic changes are most consistent with vacuolar hepatopathy (i.e., endocrine, idiopathic) with a lower possibility of inflammatory disease, infiltrative neoplasia, or other hepatopathy.
- Minor bilateral age-related renal changes
- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Serial monitoring (i.e., every 3-4 months) of the patient's liver values is recommended. If values continue to increase, a repeat abdomen ultrasound +/- a more advanced hepatic work-up (i.e., tissue sampling) may be warranted.
- Regarding the borderline anemia, consider a CBC with clinical pathology review, along with three-view thoracic radiographs, T4/free T4 by equilibrium dialysis, +/- comprehensive tick panel. Depending on the results of these diagnostics, further work-up (i.e., bone marrow aspirate) may be indicated.
- Further recommendations should be based on the echocardiogram report.



PATIENT

Truffles Austin

SPECIES

Canine

BREED

Golden Doodle Mix

SEX

Female

AGE

11

WEIGHT

41

INTERPRETED BY

Andrea Nicastro DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

IMAGING PERFORMED BY

Andrea Nicastro DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

HOSPITAL NAME

Salt Marsh AH

REFERRING VET

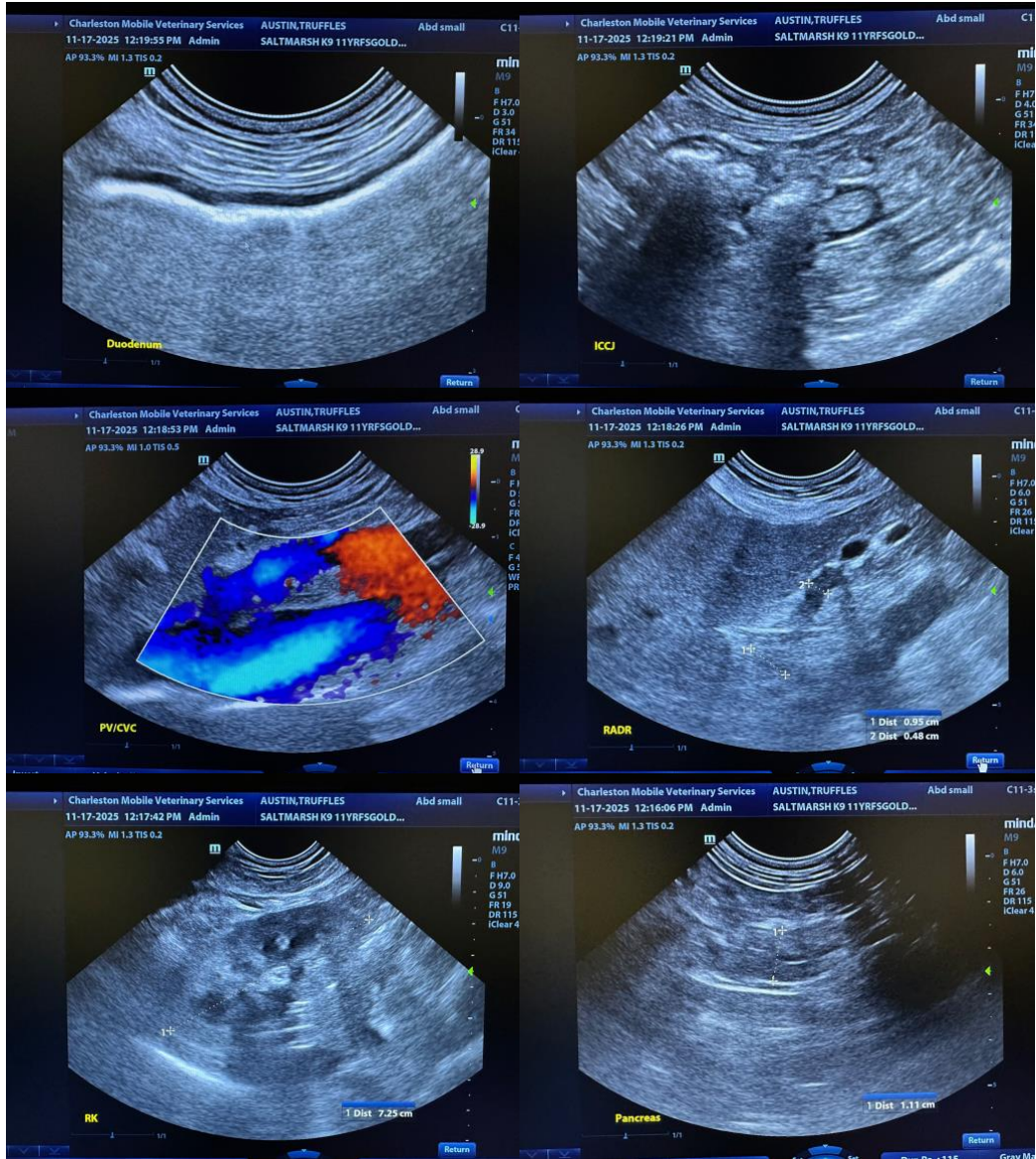
Dr Christina Wiles

INVOICE

22267

DATE

11-17-25





PATIENT

Truffles Austin

SPECIES

Canine

BREED

Golden Doodle Mix

SEX

Female

AGE

11

WEIGHT

41

INTERPRETED BY

Andrea Nicastrò DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

IMAGING PERFORMED BY

Andrea Nicastrò DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

HOSPITAL NAME

Salt Marsh AH

REFERRING VET

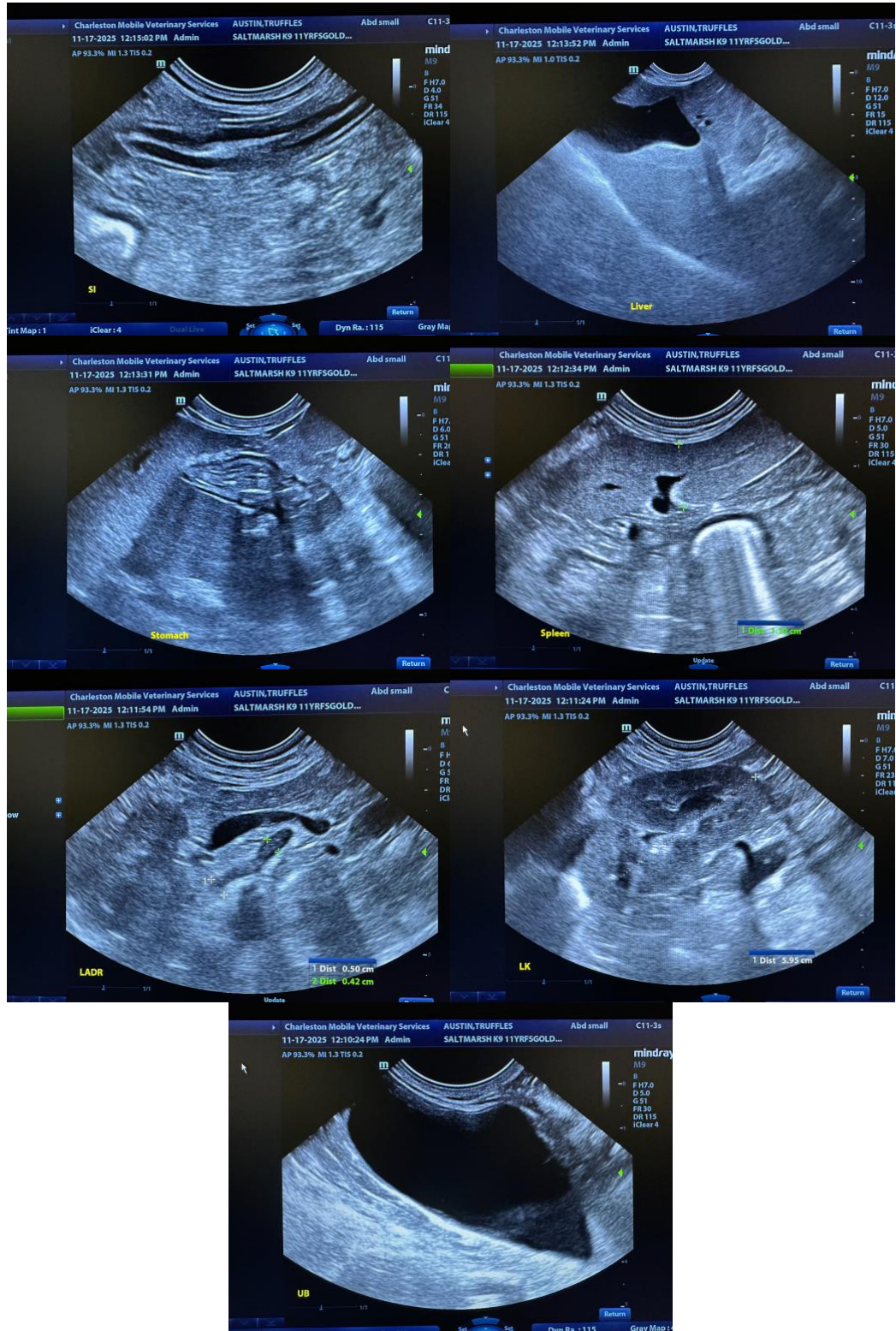
Dr Christina Wiles

INVOICE

22267

DATE

11-17-25





PATIENT

Truffles Austin

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.

SPECIES

Canine

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.

BREED

Golden Doodle Mix

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

SEX

Female

AGE

11

WEIGHT

41

INTERPRETED BY

Andrea Nicastro DVM
Diplomate ACVIM
(Sm Animal Internal Med)

**IMAGING
PERFORMED BY**

Andrea Nicastro DVM
Diplomate ACVIM
(Sm Animal Internal Med)

HOSPITAL NAME

Salt Marsh AH

REFERRING VET

Dr Christina Wiles

INVOICE

22267

DATE

11-17-25