



PATIENT

Birdie Snead

SPECIES

Canine

BREED

Goldendoodle

SEX

Female Spayed

AGE

4/05/2020

WEIGHT

15 kg

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

BluePearl MP ER

REFERRING VET

Samantha Holmes

INVOICE

22791

DATE

4-6-26

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: Birdie is a 6y FS Goldendoodle presenting for vomiting after going to the beach yesterday.

Diagnosis:

1. Vomiting

- Difdx: Dietary indiscretion, Stress, Foreign object ingestion/obstruction, Infectious (viral, bacterial, protozoal, parasitic), Inflammatory, Metabolic (hepatobiliary, renal, pancreatic), Endocrinopathy, Toxin, Neoplasia, Immune-mediated, Idiopathic

2. Moderate mixed hepatopathy

- Difdx: heat stroke, anaphylactic reaction, liver disease, toxin (sago-palm, Xylitol), inflammatory, neoplasia, immune-mediated

Abnormal lab-work values:

Complete Blood Count: HGB 20.9 (H) neut 12.74 (H), remainder WNL

- Chem 17: ALT 2210 (H), GGT 28 (H), Tbili 1.4 (H)

- PCV/TS: 58%/7.4

- PT 17 sec (14-19), APTT >350 sec (75-105)

Current Medications: IV fluids, Ondansetron, Acetylcysteine 20% 200mg/mL, Protonix, Dextrose CRI, Midazolam, Denamarin, and Cholestyramine Resin

Radiographic Findings – Abdomen:

Visceral detail is normal. The stomach is mildly distended with gas and small amount of fluid. No identifiable solid gastric contents are observed. The duodenum is minimally distended with gas and fluid on the VD view and not definitively identifiable on the lateral views. The remaining small bowel are normal in distribution being mildly distended with gas and soft tissue opaque contents. The cecum is mildly distended with gas and fluid. The ascending and transverse colon are mildly distended with gas and minimal soft tissue opaque contents. The descending colon is fully distended with gas and heterogeneous formed contents. The rectum is mildly distended with formed contents.

****ASSESSMENT****

--Gastritis of undetermined etiology. No identifiable gastrointestinal foreign material is observed. No evidence of gastrointestinal obstruction is observed at this time. No small intestinal bunching or plication is observed. Pancreatitis cannot be confirmed or ruled out radiographically.

--The remaining observable intra-abdominal structures are normal.

--Normal observable intrathoracic structures with no identifiable esophageal abnormality or aspiration pneumonia observed within the field-of-view.

--Normal observable skeletal structures.

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 (5.40 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size (5.81 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction.



PATIENT

There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Birdie Snead

SPECIES

Adrenal Glands

The left adrenal gland is normal in size (0.64 cm at cranial pole) (0.68 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.

Canine

BREED

The right adrenal gland is normal in size (0.90 cm at cranial pole) (0.54 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.

Goldendoodle

SEX

Spleen

The spleen is normal in size (1.82 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.

Female Spayed

AGE

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. 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.

4/05/2020

WEIGHT

15 kg

The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

INTERPRETED BY

Gastrointestinal

Andrea Nicastro DVM
Diplomate ACVIM
(Sm Animal Internal Med)

The gastric lumen is mildly distended with ingesta. 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 intestinal wall is normal in thickness 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.

IMAGING PERFORMED BY

Pancreas

Andrea Nicastro DVM
Diplomate ACVIM
(Sm Animal Internal Med)

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

HOSPITAL NAME

Lymph Nodes

BluePearl MP ER

A few prominent mesenteric lymph nodes are visualized (one measuring 1.10 x 0.30 cm).

REFERRING VET

Free Abdomen

Samantha Holmes

There is no obvious evidence of free fluid.

INVOICE

Other

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

22791

ULTRASONOGRAPHIC FINDINGS

DATE

The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

4-6-26

*An obvious cause for the patient's elevated liver values is not definitively identified in this study. If the patient's illness and liver elevations are acute in nature, an acute hepatopathy (i.e., infection such as



PATIENT

Birdie Snead

cholangiohepatitis, Leptospirosis), or toxicity (i.e., sago palm, xylitol) would be of top concern. If a chronic hepatopathy is suspected, considerations include copper hepatotoxicosis, chronic hepatitis, fibrosis, other should be considered.

SPECIES

Canine

- Leptospirosis testing (i.e., blood and urine PCR, serology) is recommended.

BREED

Goldendoodle

- Ultimately, hepatic tissue sampling (i.e., laparoscopic or surgical liver biopsies) along with aerobic and anaerobic bile cultures and hepatic copper quantitation may be necessary to get a definitive diagnosis.

SEX

Female Spayed

- If a conservative approach is desired, consider empirical treatment for bacterial cholangiohepatitis/ Leptospirosis (amoxicillin-clavulanic acid, Denamarin). If no improvement in the liver values is seen within 7-10 days of initiating therapy, antibiotics should be discontinued, and hepatic tissue sampling reconsidered. If liver values improve, continue therapy for at least 4-6 weeks and 1 week beyond normalization of the liver values.

AGE

4/05/2020

WEIGHT

15 kg

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

BluePearl MP ER

REFERRING VET

Samantha Holmes

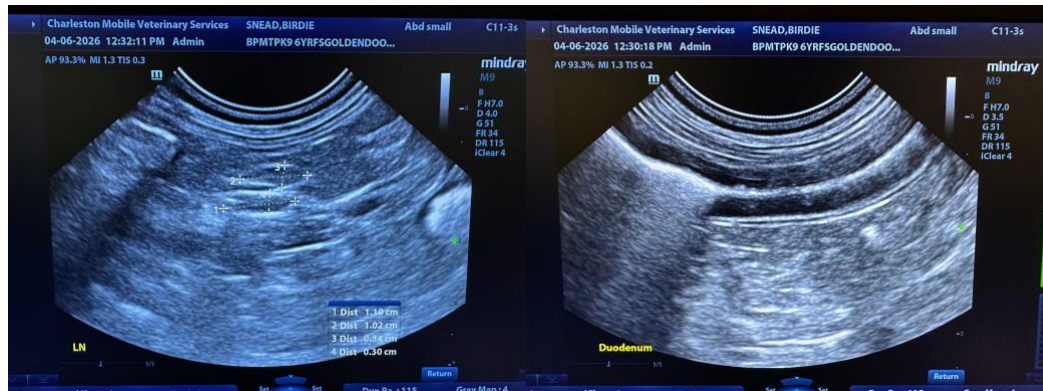
INVOICE

22791

DATE

4-6-26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS





PATIENT

Birdie Snead

SPECIES

Canine

BREED

Goldendoodle

SEX

Female Spayed

AGE

4/05/2020

WEIGHT

15 kg

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

BluePearl MP ER

REFERRING VET

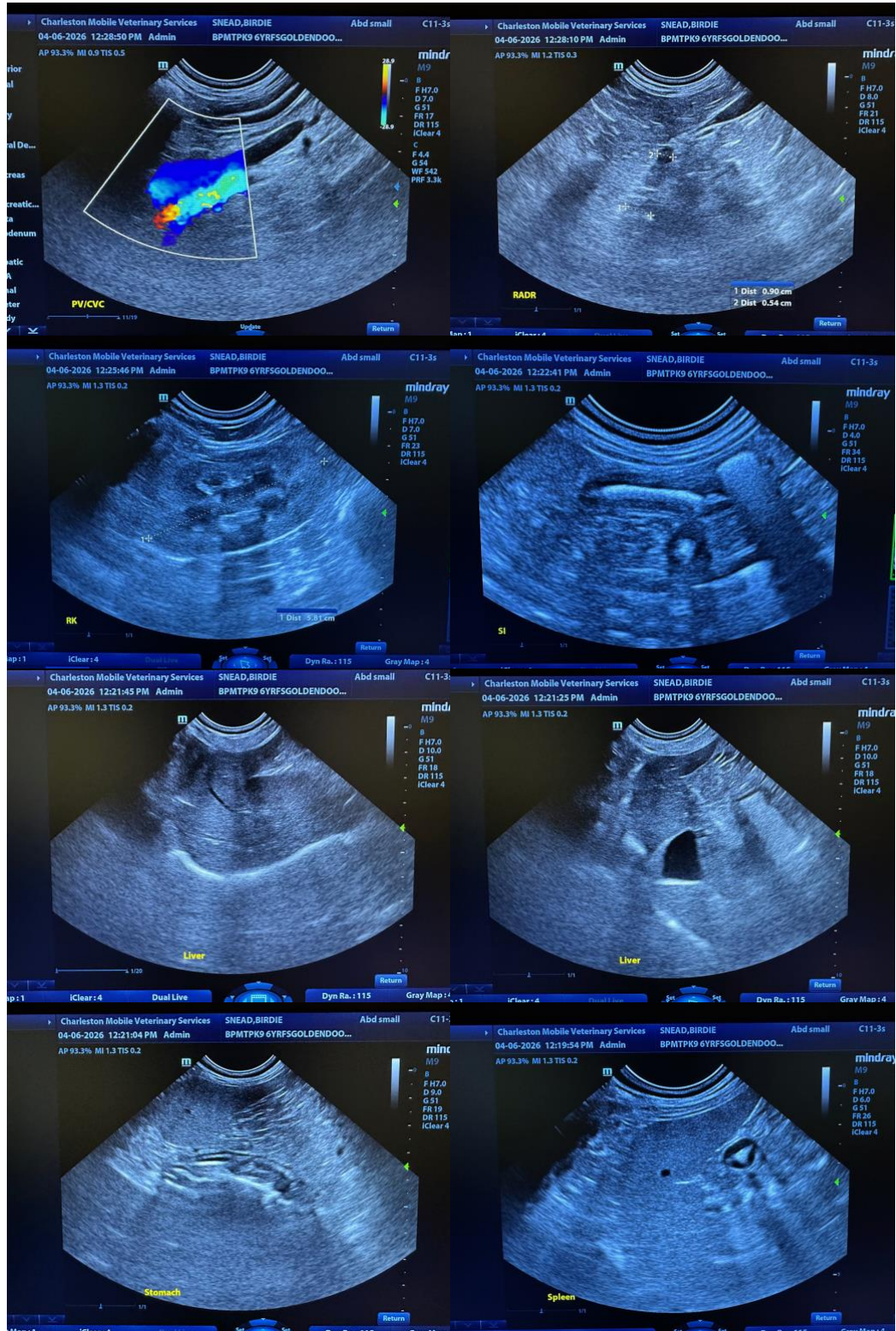
Samantha Holmes

INVOICE

22791

DATE

4-6-26





PATIENT

Birdie Snead

SPECIES

Canine

BREED

Goldendoodle

SEX

Female Spayed

AGE

4/05/2020

WEIGHT

15 kg

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

BluePearl MP ER

REFERRING VET

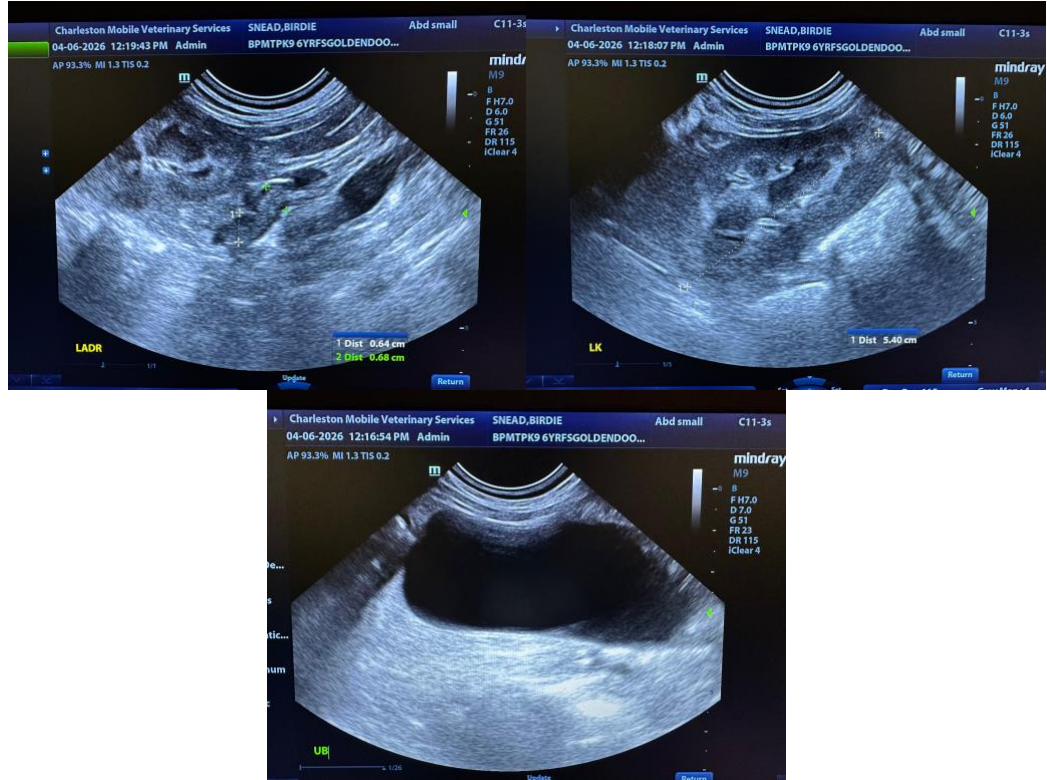
Samantha Holmes

INVOICE

22791

DATE

4-6-26



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