

PATIENT PRESENTING CLINICAL SIGNS

Deisel Johnson The patient has had period of inappetence. Bloodwork shows a thrombocytosis and monocytosis, ALP >1,000 and ALT in the 100s.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Dalmation mix

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.

SEX

Male, neutered

The prostate is normal in size (1.26 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

7/15/2010

The left kidney is normal size (5.30 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild to moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

38.5 lbs.

The right kidney is normal size (5.20 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild to moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.52 cm at cranial pole) (0.59 cm at caudal pole) (2.00 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

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

The right adrenal gland is normal size (0.82 cm at cranial pole) (0.66 cm at caudal pole) (1.90 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Flowerton AH

Spleen

The spleen is normal in size (1.64 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.

REFERRING VET

Dr. Pignatello

Liver

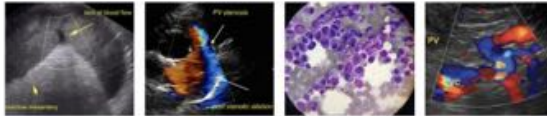
The liver is subjectively prominent in size with swollen curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits mild heterogeneity. No distinct focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The portal vein: caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately

INVOICE

13459

DATE

6/7/22



PATIENT

Deisel Johnson

SPECIES

Canine

BREED

Dalmation mix

SEX

Male, neutered

AGE

7/15/2010

WEIGHT

38.5 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

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

HOSPITAL NAME

Flowerton AH

REFERRING VET

Dr. Pignatello

INVOICE

13459

DATE

6/7/22

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 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 segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

Pancreas

The pancreas is partially obscured by the gastric distention. In the visualized portions, no obvious pathology is seen.

Free Abdomen

There is no evidence of free fluid. Several enlarged irregular, hypoechoic to slightly heterogeneous lymph nodes are observed in the cranial abdomen, the largest measuring 3.31 cm in its longest dimension. One of these nodes is observed cranial to the liver.

Other

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

*A fine needle aspirate of one of the more superficial lymph nodes was aspirated at the end of the study.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The abdominal lymphadenopathy is concerning for infiltrative neoplasia (i.e., round cell tumor). However, lymphoid hyperplasia or lymphadenitis (i.e., pyogranulomatous) cannot be excluded.
- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely.

Secondary Findings:

- Bilateral chronic age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- If cytology results from the lymph node are inconclusive, surgical biopsies may be necessary to get a definitive diagnosis. If pursued, a liver biopsy is also recommended.
- Thoracic radiographs should be performed prior to surgery to assess cardiopulmonary status.



PATIENT

Deisel Johnson

SPECIES

Canine

BREED

Dalmation mix

SEX

Male, neutered

AGE

7/15/2010

WEIGHT

38.5 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Flowerton AH

REFERRING VET

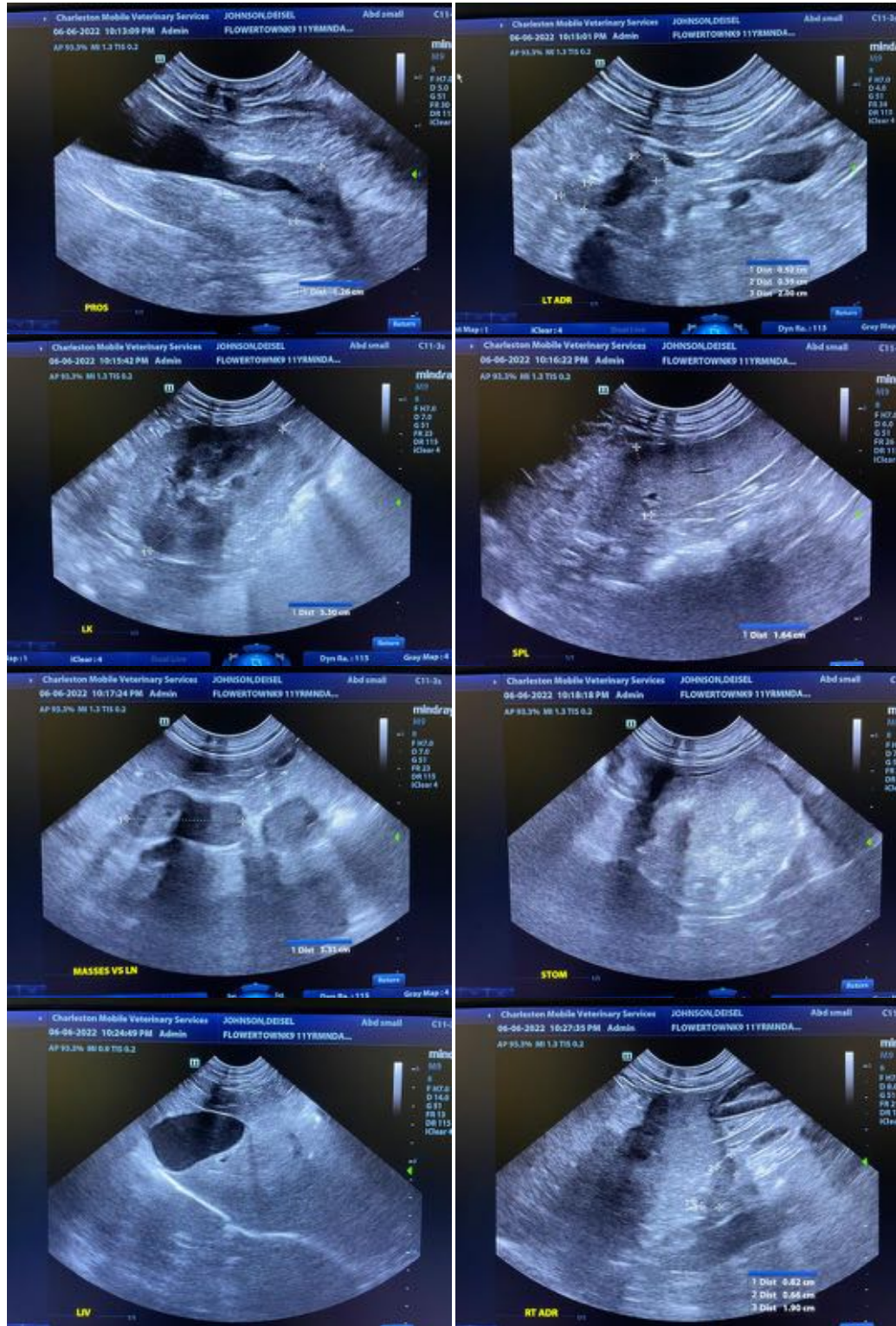
Dr. Pignatello

INVOICE

13459

DATE

6/7/22





PATIENT

Deisel Johnson

SPECIES

Canine

BREED

Dalmation mix

SEX

Male, neutered

AGE

7/15/2010

WEIGHT

38.5 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Flowerton AH

REFERRING VET

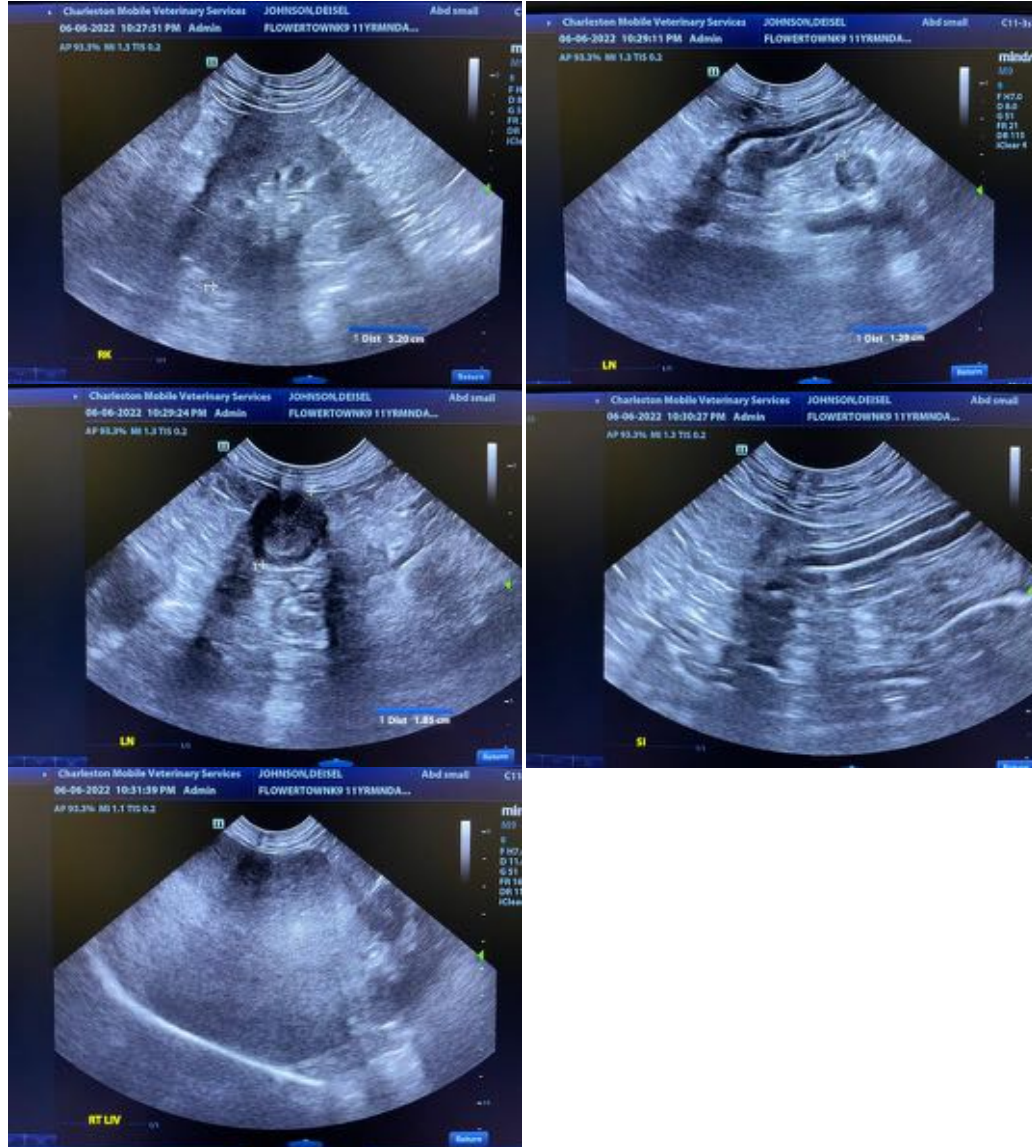
Dr. Pignatello

INVOICE

13459

DATE

6/7/22



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 ACVIM (Small Animal Internal Medicine)

Andrea.Nicastro@CharlestonMobile.net