



PATIENT

Derby Murphy

PRESENTING CLINICAL SIGNS

History: increased urination; mass noted in abdomen on rads. On telimesartan 20mg sid.
Abnormal PE/Chem/CBC/UA Results: T4 low; cbc/chem wnl

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is 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. The region of the trigone and the visible portion of the proximal urethra are normal.

BREED

Greyhound

The left kidney is normal size (6.19 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.

SEX

Female, spayed

The right kidney is normal size (6.61 cm in length) with an irregular shape. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. A cortical infarct is suspended at the caudolateral aspect. There is no evidence of pyelectasia, nephroliths or hydroureter. Renal vasculature is normal.

AGE

11 Yrs.

Adrenal Glands

The left adrenal gland is normal size (0.61 cm at cranial pole) (0.53 cm at caudal pole) (2.62 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.

WEIGHT

53 lbs.

The region of the right adrenal gland is evaluated. No obvious pathology is observed.

INTERPRETED BY

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

Spleen

The spleen is normal in size (2.28 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.

IMAGING PERFORMED BY

Diane McFadden

Liver

The liver is subjectively prominent in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen. A 2.66 cm isoechoic nodule/swelling is observed on the left side. The remaining parenchyma is homogeneous in appearance. 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. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

HOSPITAL NAME

Shohola VH

REFERRING VET

Dr. DeMeo

Gastrointestinal

The gastric lumen is mildly distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. 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.

INVOICE

14252

Pancreas

DATE

11/22/22



PATIENT

Derby Murphy

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.

SPECIES

Canine

Free Abdomen

There is no evidence of free fluid. A few prominent mesenteric lymph nodes are visualized, the largest measuring 2.42 cm in length. The nodes are normal in shape and echogenicity.

BREED

Greyhound

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

Female, spayed

- Left hepatic swelling/nodule. This lesion may represent a focus of vacuolar hepatopathy or regenerative nodular hyperplasia. Alternatively, an emerging tumor is possible.
- Mild splenomegaly. The changes trend toward the benign (i.e., lymphoid hyperplasia, extramedullary hematopoiesis, antigenic stimulation, splenitis or similar) with a lower possibility of emerging neoplasia.

AGE

11 Yrs.

Secondary Findings:

WEIGHT

53 lbs.

- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.
- If the patient was fasted for this study, the presence of ingesta within the gastric lumen could suggest delayed gastric emptying.
- Bilateral chronic renal changes with a suspected right cortical infarct.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

**IMAGING
PERFORMED BY**

Diane McFadden

- Regarding the polyuria., consider a urinalysis with culture and sensitivity to assess for occult pyelonephritis. If the patient is isosthenuric and the culture is negative, further testing for PU/PD (i.e., Leptospirosis testing, pre and post prandial serum bile acids, Cushing's testing, DDAVP trial +/- modified water deprivation test) may be warranted.
- Regarding the mild splenomegaly, consider a fine needle aspirate (if clotting status is appropriate).
- Regarding the hepatic nodule/swelling, consider a fine needle aspirate (if clotting status is appropriate) and/or repeat ultrasound is recommended in 2-3 months to assess for growth.

HOSPITAL NAME

Shohola VH

REFERRING VET

Dr. DeMeo

INVOICE

14252

DATE

11/22/22



PATIENT

Derby Murphy

SPECIES

Canine

BREED

Greyhound

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

53 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Shohola VH

REFERRING VET

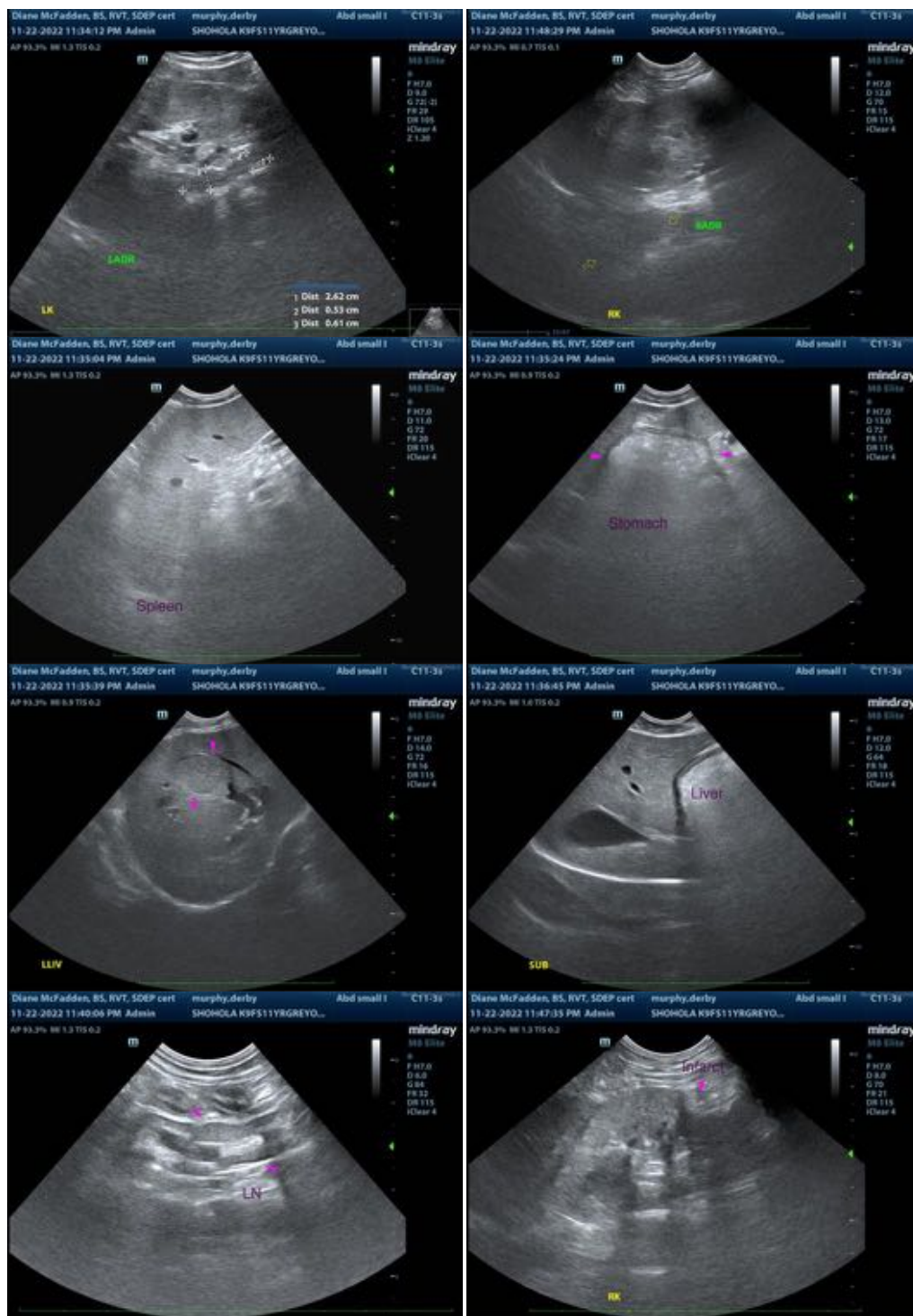
Dr. DeMeo

INVOICE

14252

DATE

11/22/22



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.



PATIENT

Derby Murphy

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)

info@SonoPath.com

SPECIES

Canine

BREED

Greyhound

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

53 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Diane McFadden

HOSPITAL NAME

Shohola VH

REFERRING VET

Dr. DeMeo

INVOICE

14252

DATE

11/22/22