

PATIENT PRESENTING CLINICAL SIGNS

Maddison Dodge History: prev AUS with Sonopath- follow up (cardiac will be submitted next week)- increased RR after abdominal scan so stopped- LABs sent today- recheck kidneys- scheduling a dental

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Dachshund

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

Female, spayed

The left kidney is normal size (4.35 cm in length) with a normal shape and smooth peripheral contours. The cortex is diffusely thickened and there is moderate loss of corticomedullary distinction. Pinpoint hyperechoic foci are observed within the cortex as well as numerous varying size cortical cysts. Hyperechoic shadowing diverticular foci are also seen. There is pyelectasia. There is no evidence of hydronephrosis.

AGE

15 Years

The right kidney is normal size (3.75 cm in length) with a normal shape and smooth peripheral contours. The cortex is diffusely thickened and there is moderate loss of corticomedullary distinction. Pinpoint hyperechoic foci are observed within the cortex as well as numerous varying size cortical cysts. Hyperechoic shadowing diverticular foci are also seen. There is pyelectasia. There is no evidence of hydronephrosis.

WEIGHT

9.1 lbs.

Adrenal Glands

The left adrenal gland is mildly enlarged (0.44 cm at cranial pole) (0.57 cm at caudal pole) (1.98 cm in length) with a normal shape and smooth peripheral contours. There is mild heterogeneity within the parenchyma of the caudal pole. The glandular echogenicity and detail in the cranial pole are unremarkable. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.45 cm at cranial pole) (0.45 cm at caudal pole) (1.76 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.

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

Spleen

The spleen is normal in size (1.12 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. A 0.68 cm hypoechoic nodule is observed within the parenchyma. Splenic vasculature is normal.

HOSPITAL NAME

Alpine AH

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. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Betsy Philipps

INVOICE

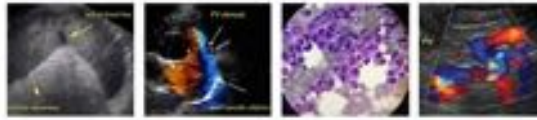
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Gastrointestinal

DATE

10/11/21

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric



PATIENT

Maddison Dodge

outflow tract is patent. The small intestinal lumen is not dilated. There is evidence of mucosal speckling in the proximal duodenal mucosa. 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.

SPECIES

Canine

Pancreas

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.

BREED

Dachshund

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX

Female, spayed

ULTRASONOGRAPHIC FINDINGS

AGE

15 Years

Primary Findings:

- Bilateral nephropathy with dystrophic mineralization and cortical cysts. Changes are similar to the previous sonogram.

WEIGHT

9.1 lbs.

Secondary Findings:

- Mild left adrenomegaly.
- The splenic nodule trends toward the benign (i.e., a focus of lymphoid hyperplasia or extramedullary hematopoiesis) with a lower possibility of emerging neoplasia.
- The speckling of the duodenal mucosa is likely an incidental finding, particularly if the patient is not exhibiting GI signs. This finding was previously observed.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- The decision to proceed with a dental cleaning should be based on the patient's baseline labwork and echocardiogram evaluation.
- Three-view thoracic radiographs should also be performed prior to anesthesia to assess cardiopulmonary status.

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HOSPITAL NAME

Alpine AH

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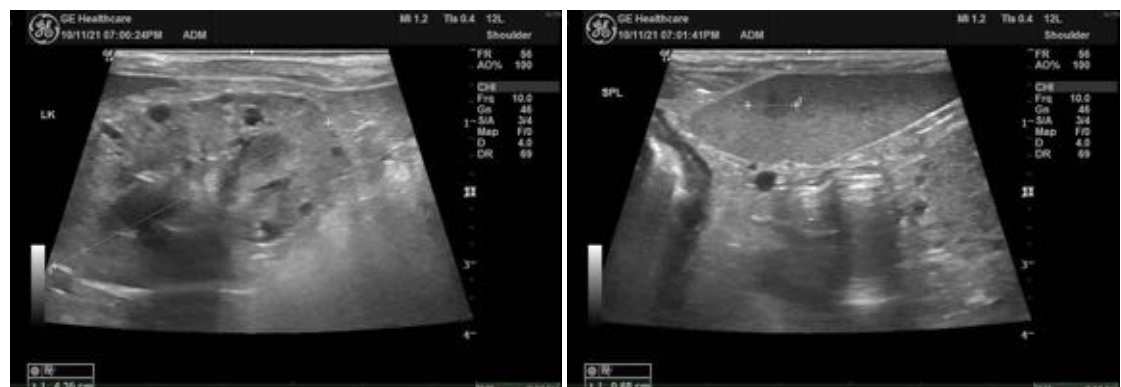
Dr. Betsy Philipps

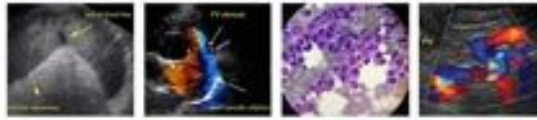
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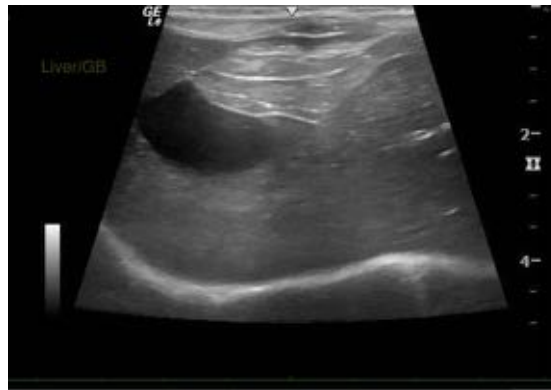
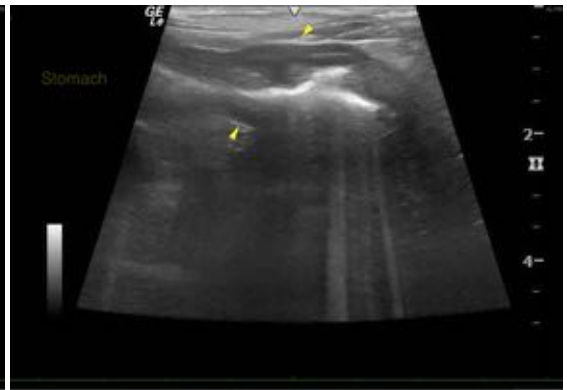
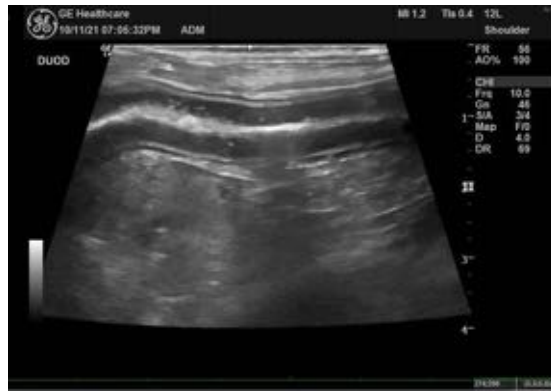
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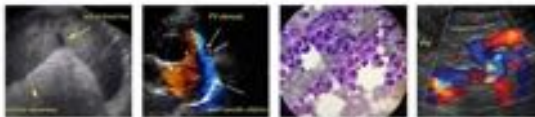
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Maddison Dodge

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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

BREED

Dachshund

andrea.nicastro@sonopath.com

SEX

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