



PATIENT

Bonnie Beck

SPECIES

Canine

BREED

Shih Dachshund Mix

SEX

Spayed Female

AGE

3 Years

WEIGHT

12.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Lynette Reyes

HOSPITAL NAME

Mobile Vet Ultrasound

REFERRING VET

Dr. Ambrose

INVOICE

16566

DATE

7/12/22

PRESENTING CLINICAL SIGNS

History: Decreased appetite for two days. Concern about possible foreign Body in radiographs. Otherwise doing well

Abnormal PE/Chem/CBC/UA Results: Neutrophils: 13.08 Mono: 1.21 Potassium: 3.3

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

Left kidney is normal is size (3.7 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed. A hyperechoic band parallel to the corticomedullary border is present.

Right kidney is normal is size (4.3 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed. A hyperechoic band parallel to the corticomedullary border is present.

Adrenal Glands

Left adrenal gland is normal in size (0.48 cm thick), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (0.5 cm thick), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Spleen

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

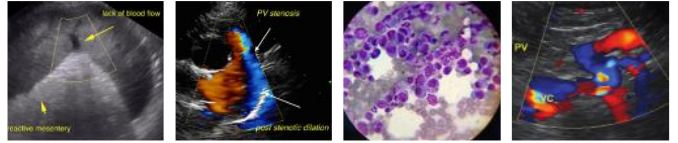
Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with very echogenic reverberation artifact from intraluminal gas. There is no evidence of obstruction, foreign material or infiltrative disease; however, complete visualization of far wall is partially inhibited by gas. Pyloric outflow tract appears patent. Given the gas, a nonobstructive foreign



PATIENT

body cannot be ruled out, however, there is no obstructive pattern and no evidence of foreign material detected.

Bonnie Beck

SPECIES

The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

Canine

The visible colon is normal in wall thickness and layering. Contents are consistent with normal formed feces and gas.

BREED

Pancreas

Shih Dachshund Mix

The observed pancreas appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable.

SEX

There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Spayed Female

Free Abdomen

There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

AGE

3 Years

ULTRASONOGRAPHIC FINDINGS

- **Bilateral Medullary rim sign** - This finding is of unknown clinical significance and can be a normal variant, often idiopathic. Medullary rim sign can be present with renal disease including FIP, lymphoma, hypercalcemic nephropathy, Leptospirosis, tubular disease, other and should be interpreted in combination with other more specific indications of kidney disease such as isosthenuria, proteinuria, azotemia, etc. This is a common incidental finding in patients with diabetes mellitus.

WEIGHT

12.4 Pounds

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Beth Johnson, DVM
DACVIM

Given the mild kidney changes, which very well may be normal patient variant, urinalysis and, if indicated based on urinalysis results, urine culture are recommended. If protein is present in an otherwise quiet sediment, protein quantification with a urine protein to creatinine ration is recommended.

IMAGING PERFORMED BY

Leptospirosis testing could also be considered, especially if urine is dilute. Given this patients young age, a fecal exam is recommended, if not recently evaluated. Empirical deworming could be considered with a 5 day course of Panacur, followed by symptomatic supportive medical management of gastroenteritis with antiemetics, gastroprotectants +/- an appetite stimulant, etc.

Lynette Reyes

HOSPITAL NAME

Mobile Vet Ultrasound

If clinical signs don't resolve with medical management, recheck abdominal imaging is recommended.

REFERRING VET

Dr. Ambrose

INVOICE

16566

DATE

7/12/22



PATIENT

Bonnie Beck

SPECIES

Canine

BREED

Shih Dachshund Mix

SEX

Spayed Female

AGE

3 Years

WEIGHT

12.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Lynette Reyes

HOSPITAL NAME

Mobile Vet Ultrasound

REFERRING VET

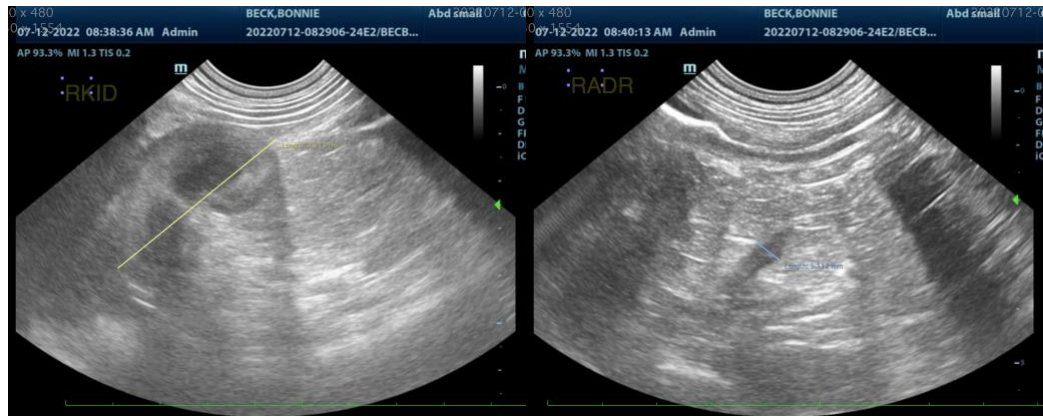
Dr. Ambrose

INVOICE

16566

DATE

7/12/22



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.

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.

Beth Johnson, DVM DACVIM



PATIENT

Beth.Johnson@SonoPath.com

Bonnie Beck

SPECIES

Canine

BREED

Shih Dachshund Mix

SEX

Spayed Female

AGE

3 Years

WEIGHT

12.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

**IMAGING
PERFORMED BY**

Lynette Reyes

HOSPITAL NAME

Mobile Vet Ultrasound

REFERRING VET

Dr. Ambrose

INVOICE

16566

DATE

7/12/22