



PATIENT

Miss Smudges
Dillingham

SPECIES

Canine

BREED

Miniature Dachshund

SEX

Spayed female

AGE

6 years

WEIGHT

6.32 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dallas Reynolds LVT

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

Dr. Parker

INVOICE

43931

DATE

4/21/23

PRESENTING CLINICAL SIGNS

History: Presented with wheezing 4/17/23 - mild abdominal distention, no pain on palpation. Performed abdominal radiographs- radiology report as follows: "The spleen is prominent; this is also seen on the study from 2020. The visible margins of the liver, kidneys, and urinary bladder are within normal limits. There is variable gas and fluid throughout the gastrointestinal system, but it is overall within normal limits of size and margination. The stomach contains granular soft tissue material, compatible with normal food. Splenomegaly is likely benign (nodular hyperplasia, extramedullary hematopoiesis, congestion from sedation if applicable) given the relatively minimal interval change compared to the prior study from 2020."
CBC/Chem/T4/UA WNL.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilatation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.5 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.6 cm in width. The right adrenal gland measured 0.5 cm.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. Subtle, micronodular changes were noted. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** revealed minor increased portal markings, otherwise, uniform parenchyma. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.



PATIENT

Miss Smudges
Dillingham

SPECIES

Canine

BREED

Miniature Dachshund

SEX

Spayed female

AGE

6 years

WEIGHT

6.32 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dallas Reynolds LVT

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

Dr. Parker

INVOICE

43931

DATE

4/21/23

Gastrointestinal

The **gastrointestinal tract** revealed diffuse, hyperechoic fogging or overlay throughout the small intestine as well as areas of mucosal striations and speckling. This striation + fogging effect appeared to exclusively affect the mucosal layer with the submucosa, muscularis and serosa left in-tact. Reactive mesentery was present associated with the serosa indicative of active inflammation. The mesenteric lymph nodes were reactive and measured up to 0.6 cm.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

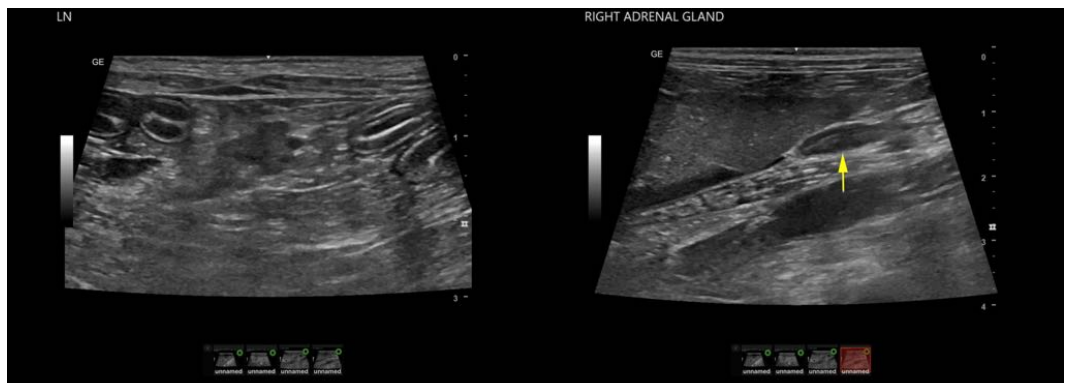
ULTRASONOGRAPHIC FINDINGS

Minor, increased portal markings, history of cholangitis is likely.

Minor mucosal fogging and splenic enlargement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If weight loss is an issue FNA of the spleen and liver is indicated. The albumin levels should be monitored in this patient. If weight loss is an issue FNA of the spleen and liver is indicated. Reactive spleen versus hyperplasia with a minor potential for round cell neoplasia. Part of the splenomegaly is likely owing to the folded contour.





PATIENT

Miss Smudges
Dillingham

SPECIES

Canine

BREED

Miniature Dachshund

SEX

Spayed female

AGE

6 years

WEIGHT

6.32 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dallas Reynolds LVT

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

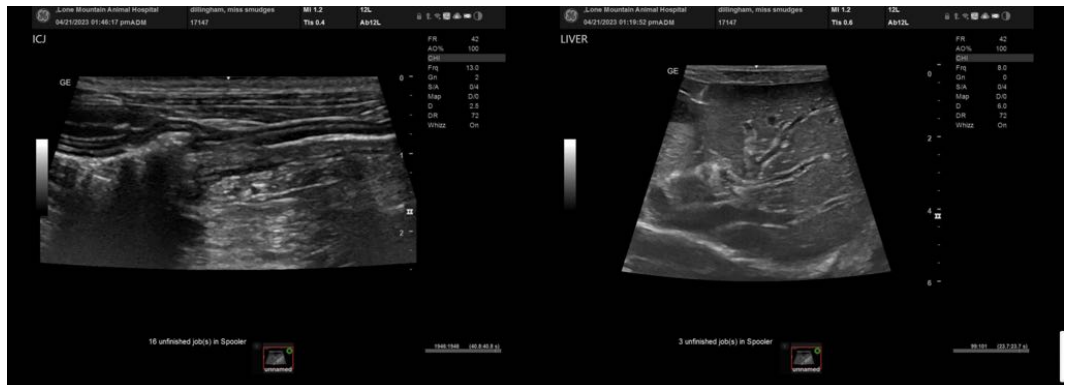
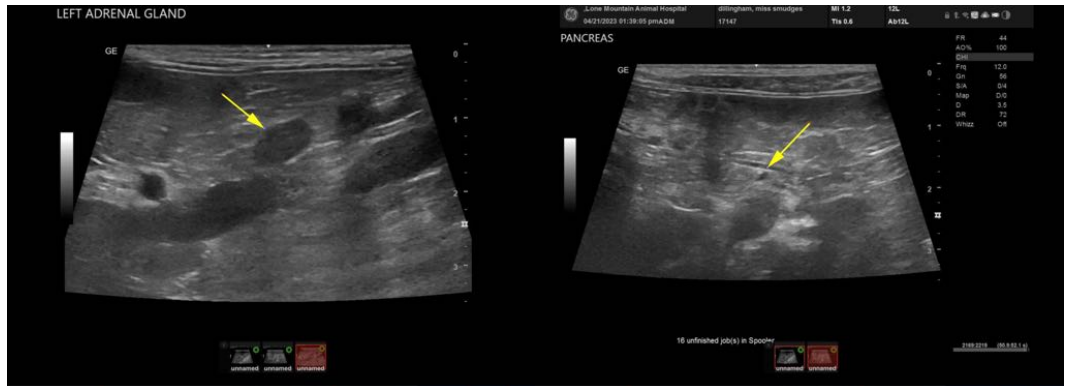
Dr. Parker

INVOICE

43931

DATE

4/21/23





PATIENT

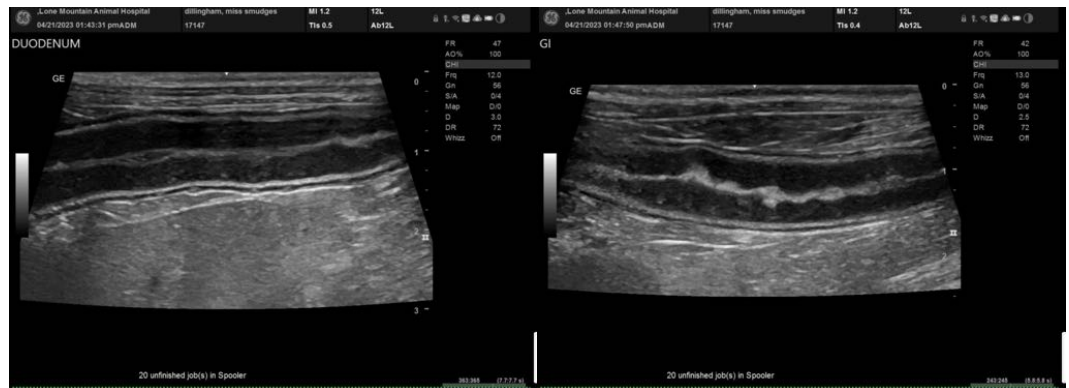
Miss Smudges
Dillingham

SPECIES

Canine

BREED

Miniature Dachshund



SEX

Spayed female

AGE

6 years

WEIGHT

6.32 kg



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dallas Reynolds LVT

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

Dr. Parker

INVOICE

43931

DATE

4/21/23

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com