



PATIENT PRESENTING CLINICAL SIGNS

Hemi Hale History: Fever Friday, painful, inappetence, lethargy, gagging. Current Meds: Cerenia, Baytril, famotidine, gabapentin

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: ALP 160 (2/6/23), ALT 143(2/6/23), Abnormal CBC - RBC 5.32, HCT 31.6%, MCV 59.4, MCH 26.6, MCHC 44.8, PLT 120, Lym 0.5 Manual PCV/TP 39/6.0 Negative 4dx (26/23)

BREED

Chihuahua Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

AGE

10 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Minor mineralization was noted in the kidneys. The right kidney measured 4.9 cm. The left kidney measured 3.58 cm.

WEIGHT

15.4 Pounds

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **left adrenal gland** was 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 1.43 cm x 0.49 cm at the cranial pole and 0.47 cm at the caudal pole.

IMAGING PERFORMED BY

Val Shumskaya

The **right adrenal gland** was mildly heterogenous. The right adrenal gland measured 1.88 cm x 0.94 cm at the cranial pole and 0.52 cm at the caudal pole.

HOSPITAL NAME

The Animal Hospital of
Roxbury

Spleen

The **spleen** was slightly enlarged with mild heterogenous parenchymal changes. Cranial folding of the spleen was noted.

Liver

REFERRING VET

Dr. Hickenbottom

The **liver** revealed increased portal markings and lobar biliary calculi. Minor gallbladder sand was noted, yet no evidence of obstruction was present.

Gastrointestinal

INVOICE

21016

The **stomach** was overdistended with chyme and fluid. Some progressively shadowing material was present. The pylorus was patent. No overt evidence of obstruction. Minor pyloric hypertrophy was present. The small intestine and colon were unremarkable.

DATE

2/6/23

Pancreas



PATIENT

The right limb of the **pancreas** was mildly heterogenous.

Hemi Hale

ULTRASONOGRAPHIC FINDINGS

SPECIES

- Mild pancreatitis pattern
- Chronic cholangitis liver pattern with nonobstructive biliary calculi
- Delayed gastric outflow pattern
- Reactive spleen
- Age-related renal changes with mineralization
- Mildly heterogenous right adrenal gland

Canine

BREED

Chihuahua Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

No evidence of neoplasia. 24-hour NPO, IV fluid support, Leptospirosis titers are indicated. Treatment for pancreatitis and gastroenteritis warranted. Ursodiol therapy over a 6-8 period and recheck sonogram recommended.

Spayed Female

AGE

10 Years

WEIGHT

15.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Val Shumskaya

HOSPITAL NAME

The Animal Hospital of
Roxbury

REFERRING VET

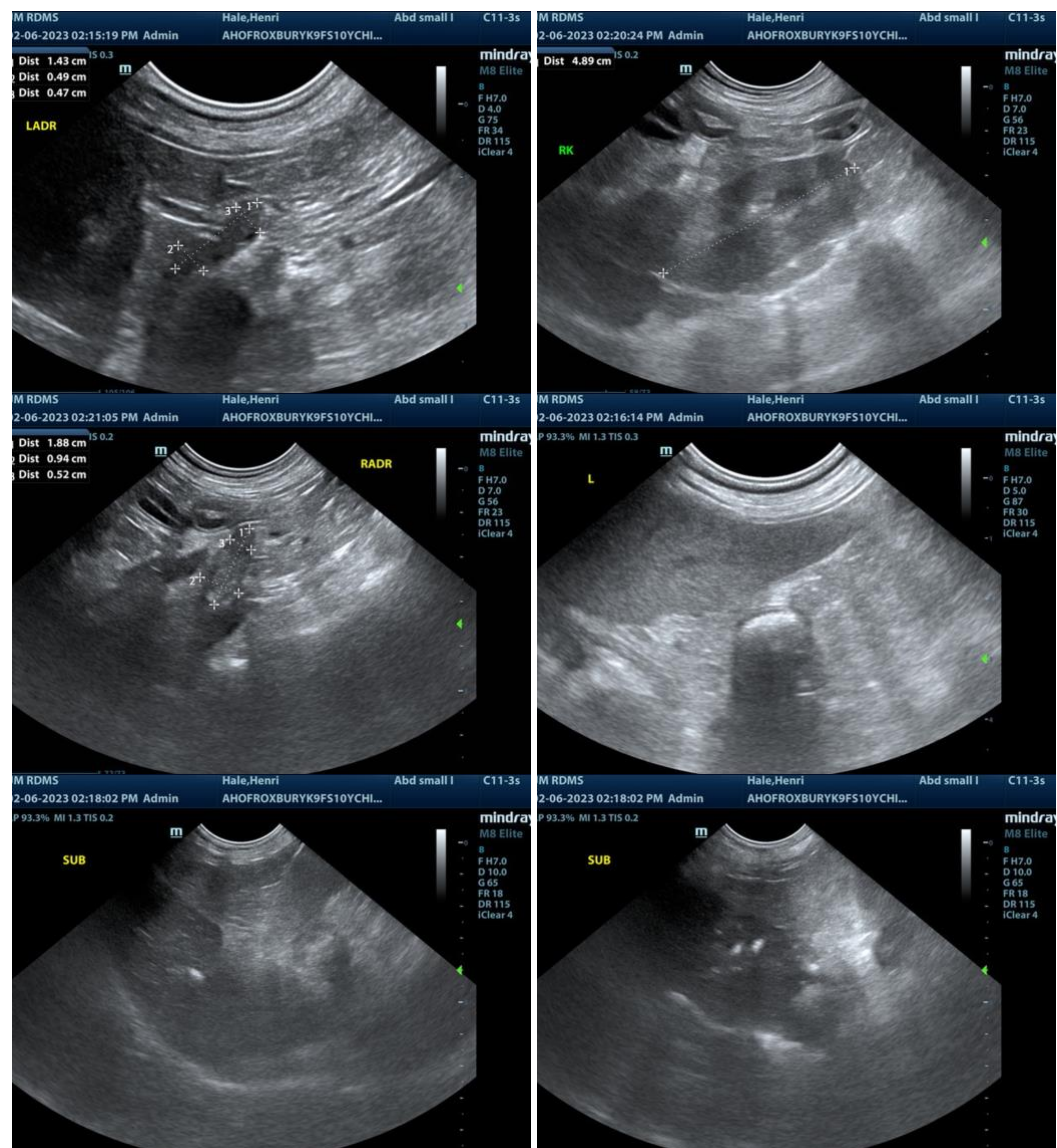
Dr. Hickenbottom

INVOICE

21016

DATE

2/6/23





PATIENT

Hemi Hale

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Spayed Female

AGE

10 Years

WEIGHT

15.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Val Shumskaya

HOSPITAL NAME

The Animal Hospital of
Roxbury

REFERRING VET

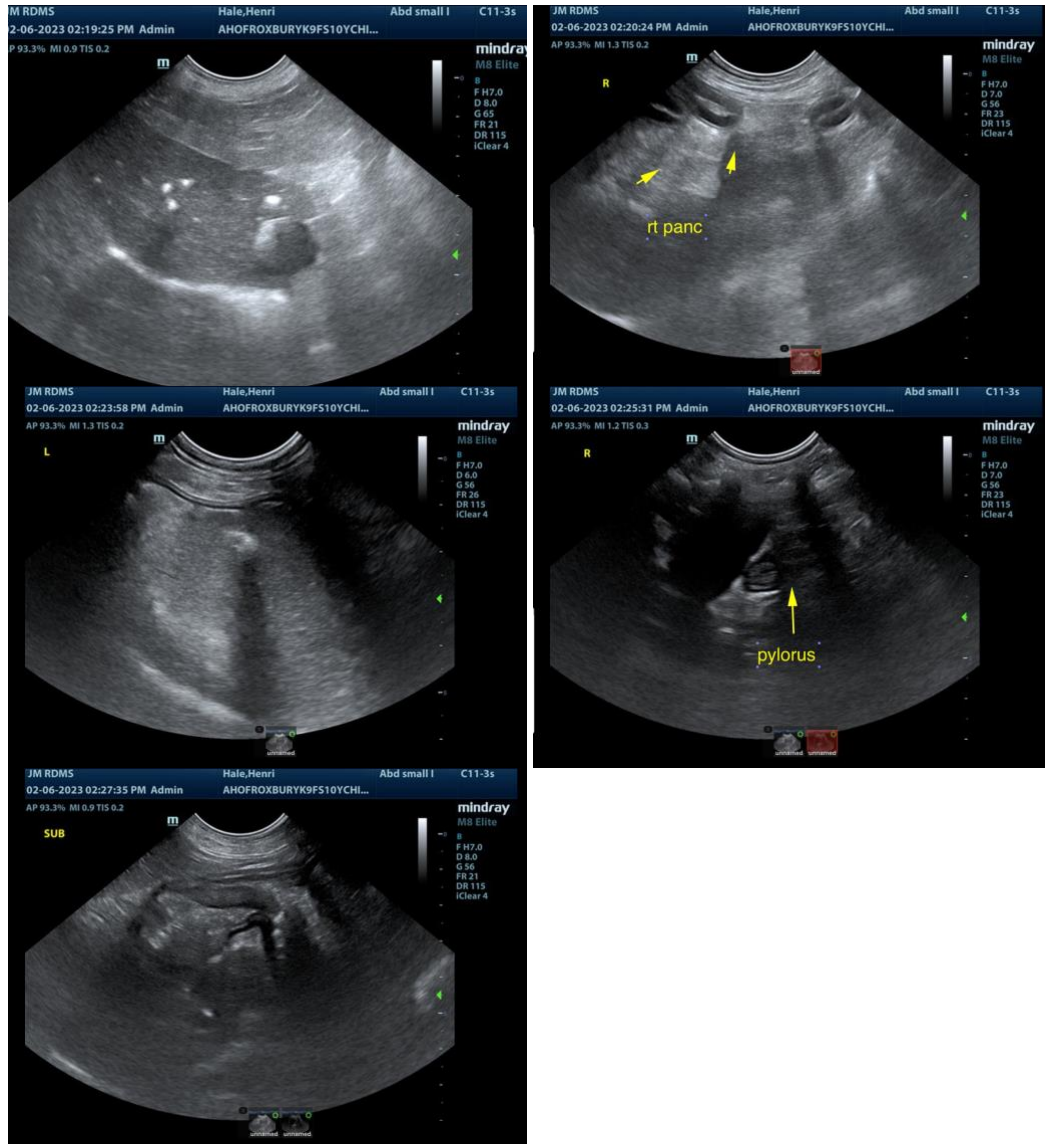
Dr. Hickenbottom

INVOICE

21016

DATE

2/6/23



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.

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