



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Rio Keith
Sudden onset hair loss and skin lesions for 11 months. Started on muzzle, widespread. Muscle wasting and a tense/painful abdomen. Vomiting in the past week.

SPECIES Canine
Abnormal PE/Chem/CBC/UA Results: PE: irregular patchy alopecia over entire trunk, with crusty plaques adherent to skin. BW all WNL RADS: no obvious abnormalities.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

BREED Shiloh Shepherd
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.

SEX

SEX Neutered Male
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 dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 8.56 cm. The left kidney measured 7.87 cm.

AGE

9 Years 6 Months

Adrenal Glands

WEIGHT

98 Pounds

The **right 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 right adrenal gland measured 1.54 cm at the cranial pole and 0.8 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **left adrenal gland** was slightly enlarged at the caudal pole, measuring 1.27 cm at the caudal pole and 0.61 cm at the cranial pole.

Spleen

IMAGING PERFORMED BY

Dr. Ebersole

The **spleen** presented subtle heterogeneous parenchymal changes with minor generalized enlargement.

Liver

HOSPITAL NAME

Scanvet

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

REFERRING VET

Dr. Giroux

Gastrointestinal

INVOICE

33861

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

DATE

12/30/21



PATIENT

Rio Keith

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Micronodular spleen – likely hyperplasia, minor potential for underlying neoplasia.
- Swollen left adrenal gland – adenoma, adenocarcinoma, pheochromocytoma all possible.

BREED

Shiloh Shepherd

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The left adrenal gland should be monitored. Blood pressure measurements recommended. If hypertension is present, then urine catecholamine screening for pheochromocytoma would be appropriate. Likely German Shepherd hypersplenism.

SEX

Neutered Male

AGE

9 Years 6 Months

WEIGHT

98 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

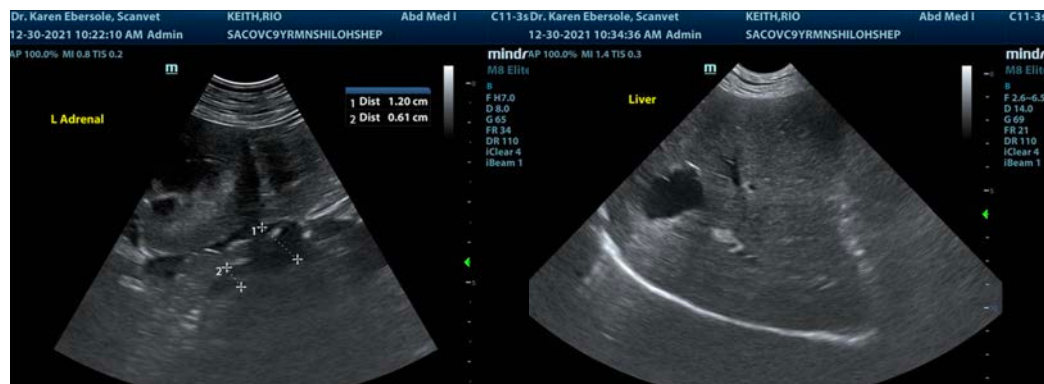
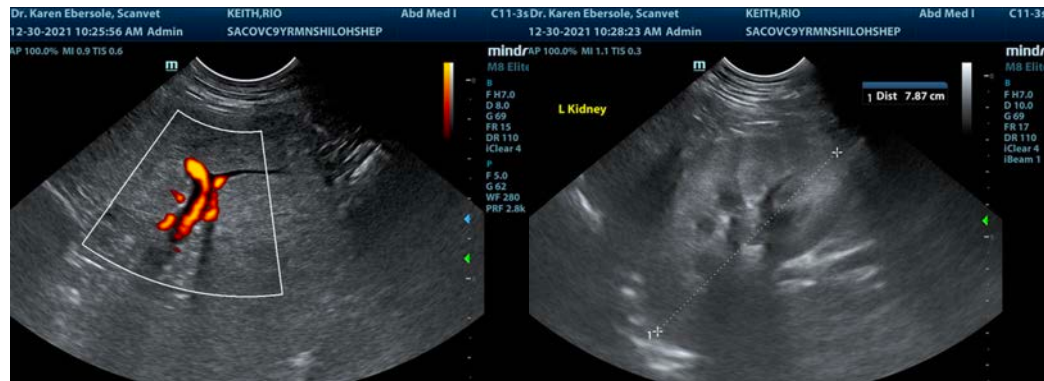
Dr. Giroux

INVOICE

33861

DATE

12/30/21





PATIENT

Rio Keith

SPECIES

Canine

BREED

Shiloh Shepherd

SEX

Neutered Male

AGE

9 Years 6 Months

WEIGHT

98 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

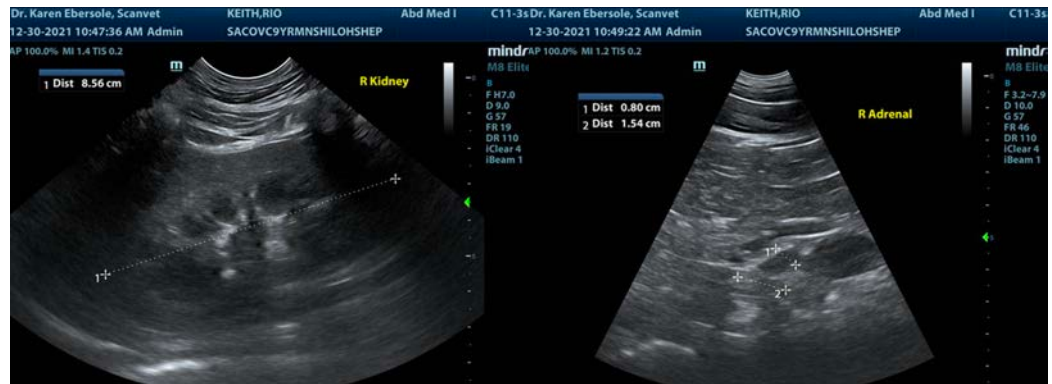
Dr. Giroux

INVOICE

33861

DATE

12/30/21



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