



PATIENT PRESENTING CLINICAL SIGNS

Leo King Alopecia on tail and possible mid abdomen mass on palpation and x-rays
Adrenal panel pending

SPECIES Radiographic Findings - Mass effect in mid abdomen on lateral x-ray
Is there a tumor in the abdomen? and differentials of that tumor.
Ferret Client did not approve sedation nor FNA

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Ferret **Urinary System**

SEX 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.
Intact Male

AGE 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 left kidney measured 2.57 cm. The right kidney measured 2.98 cm.
10/1/18

WEIGHT
2.06 Pounds

Adrenal Glands

INTERPRETED BY 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 0.30 cm.
Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **right adrenal gland** was slightly heterogeneous and irregular, yet technically within normal limits for size. No evidence of vascular invasion noted. The right adrenal gland measured 0.28 cm.

IMAGING PERFORMED BY

Jenna Walsh, CVT

Spleen

HOSPITAL NAME

Santa Clara AH

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself caudally. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

REFERRING VET

Dr. Britney Giddens

Liver

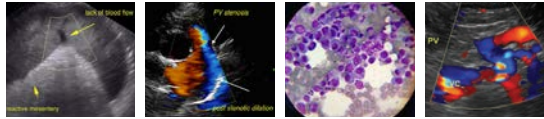
INVOICE

44294

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

DATE

1/17/23



PATIENT *Gastrointestinal*

Leo King Some retention of ingesta noted in the **stomach**, possible hair accumulation. The small intestine and colon were unremarkable. Reactive mesenteric lymph nodes noted.

SPECIES *Pancreas*

Ferret The **pancreas** revealed minor nodules, unremarkable otherwise.

BREED **ULTRASONOGRAPHIC FINDINGS**

- Irregular right adrenal gland – possible adenoma or carcinoma, given the patient history. Possible normal variant.
- Minor pancreatic nodules – likely zymogen hyperplasia.
- Hair type density in the stomach
- Reactive mesenteric lymph nodes

SEX **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Intact Male

10/1/18 The right adrenal gland should be monitored. Resection or medical therapy could be considered.

WEIGHT

2.06 Pounds

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

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REFERRING VET

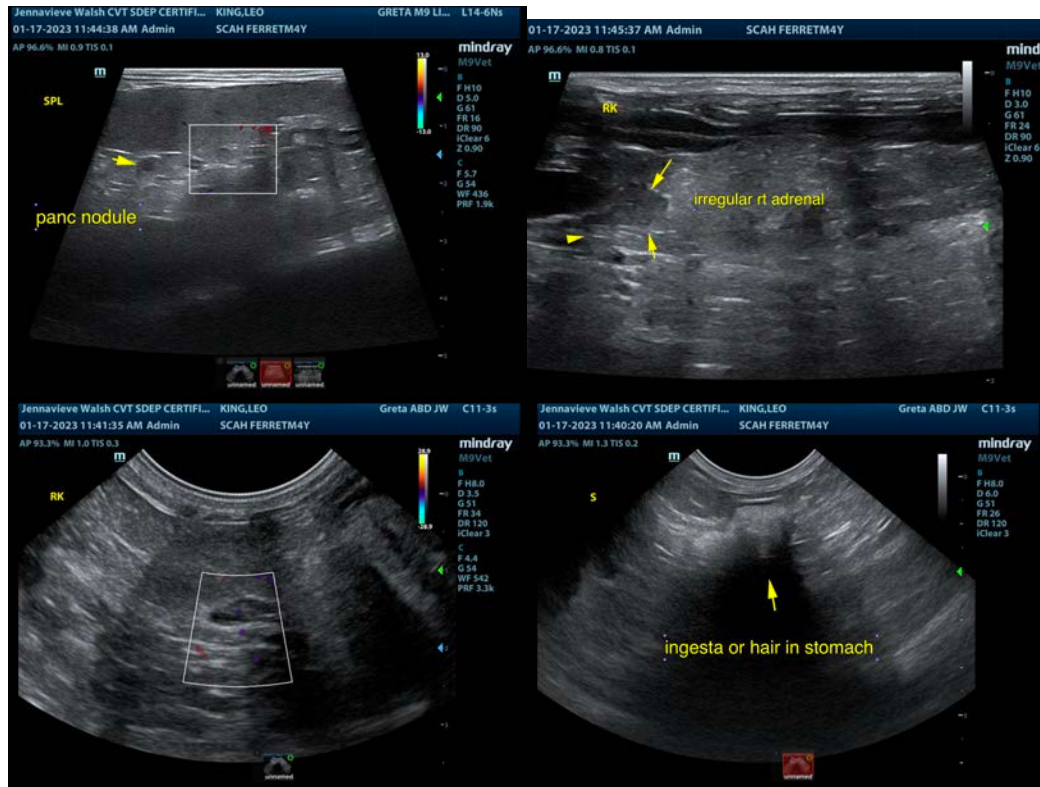
Dr. Britney Giddens

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PATIENT

Leo King

SPECIES

Ferret

BREED

Ferret

SEX

Intact Male

AGE

10/1/18

WEIGHT

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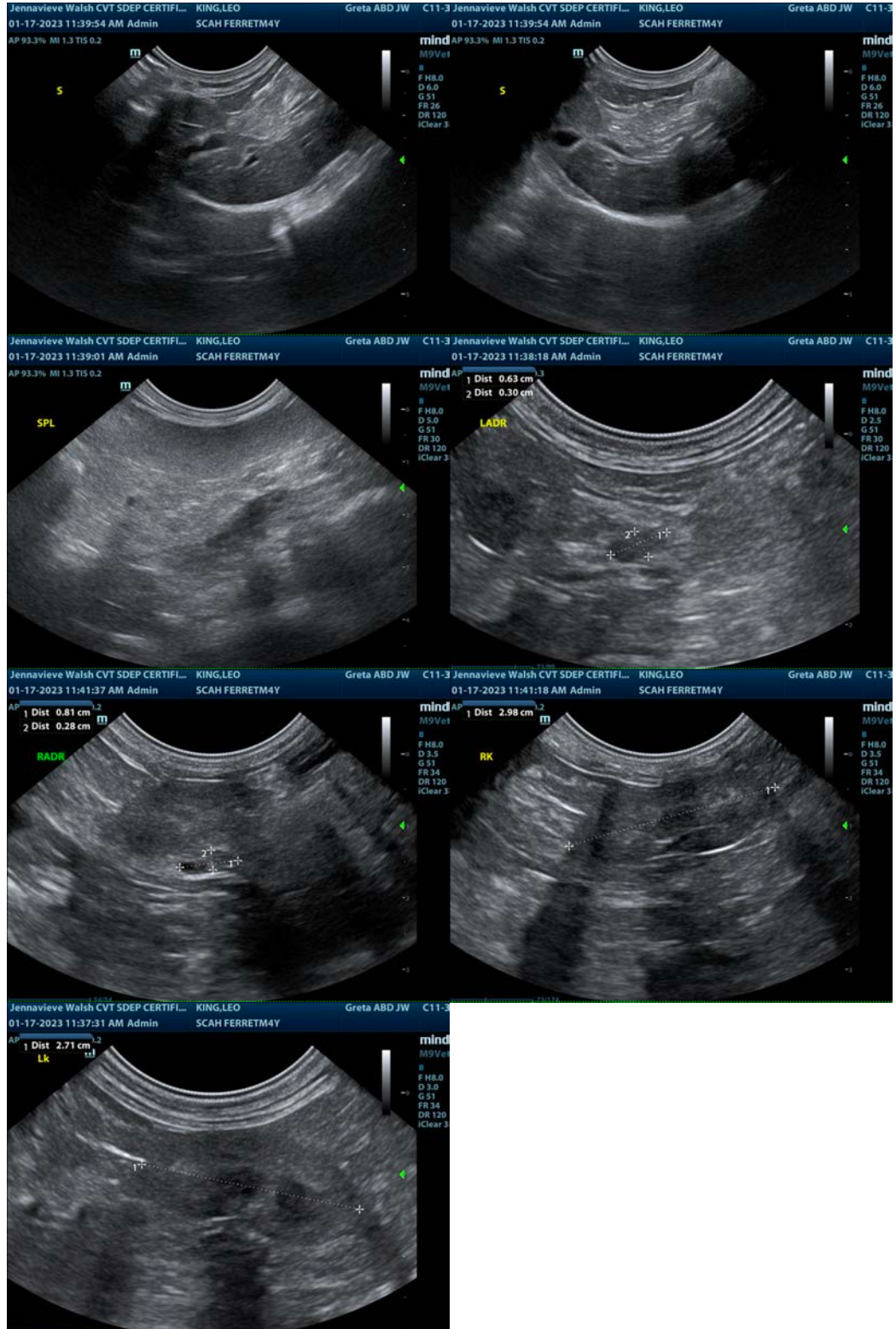
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PATIENT

Leo King

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.

SPECIES

Ferret

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

BREED

Ferret

info@SonoPath.com

SEX

Intact Male

AGE

10/1/18

WEIGHT

2.06 Pounds

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