

PATIENT PRESENTING CLINICAL SIGNS

Fiona Engler History: Severe alopecia
 Cardiomegaly on rads.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Ferret **Urinary System**

BREED 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 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 kidneys measured 2.5 cm each.

AGE **Adrenal Glands**

5 years The **right adrenal gland** was mildly enlarged at 1.03 cm x 0.56 cm. The **left adrenal gland** was also slightly enlarged at 1.0 cm x 0.51 cm. Technically both adrenals were within normal limits, but were bilaterally swollen.

WEIGHT **Spleen**

1.5# The **spleen** was enlarged up to 2.0 cm in width with regional splenic lymph node enlargement.

INTERPRETED BY **Liver**

Eric Lindquist, DMV DABVP, Cert. IVUSS The **liver** was largely normal with minor gallbladder debris and left-sided cyst measuring 5.0 mm.

Gastrointestinal

IMAGING PERFORMED BY 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. Epigastric and mesenteric lymph nodes were mildly enlarged.

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME **Pancreas**

Simmonds VH 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.

REFERRING VET **Free Abdomen**

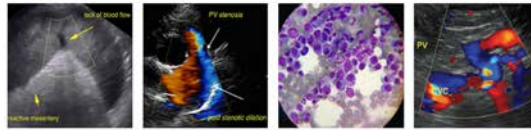
Dr. Cougar A 1.5 cm uterine dilation with echogenic debris noted, consistent with pyometra.

INVOICE ULTRASONOGRAPHIC FINDINGS

- 25390
- Dilated uterus – pyometra pattern
 - Prominent adrenal glands

DATE

9.14.2021



PATIENT

Fiona Engler

- Splenomegaly with lymphadenopathy
- Minor gallbladder debris and left-sided liver cyst

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Ferret

Either ultrasound guided FNA of the spleen and accessible lymph nodes could be performed to assess for underlying emerging lymphoma versus reactive hypersplenism. However, surgical intervention is essential regarding the uterine presentation. Reassessment of the ovariohysterectomy history recommended, as this is a significantly large uterus and extends beyond the urinary bladder. Otherwise, direct surgical intervention with removal of the residual uterus along with splenic and lymph node biopsies could also be considered.

BREED

SEX

FS

AGE

5 years

WEIGHT

1.5#

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Simmonds VH

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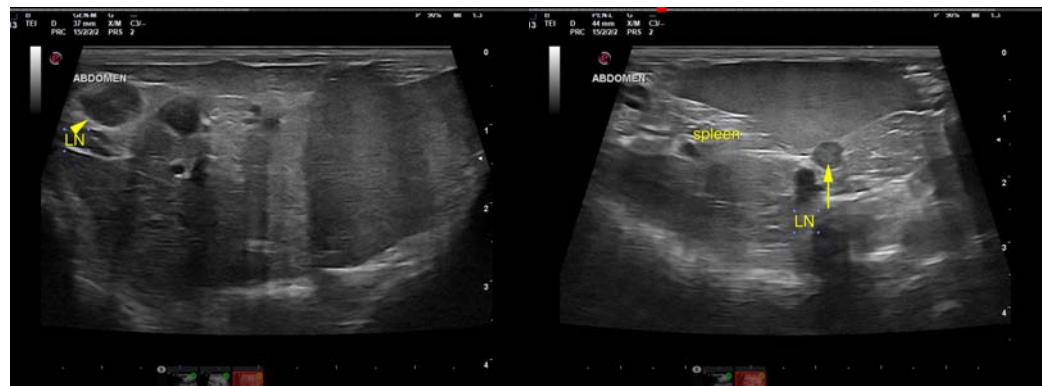
Dr. Cougar

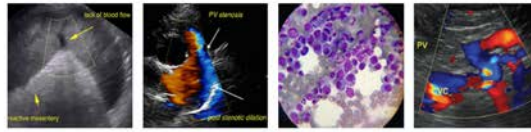
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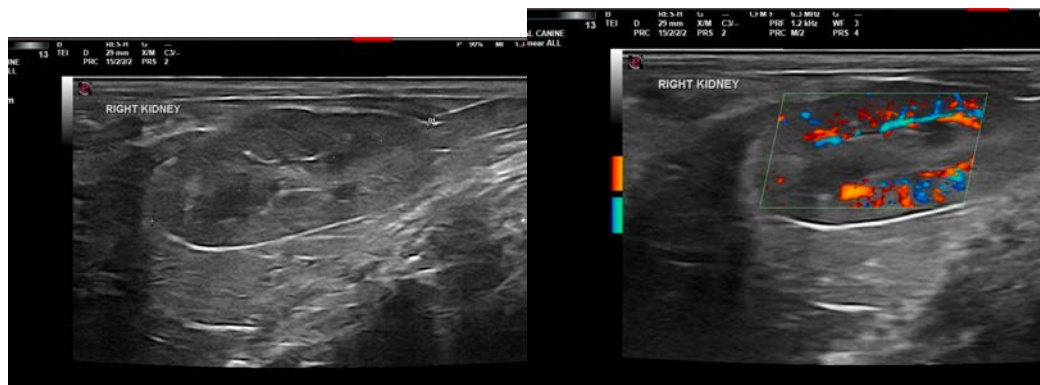
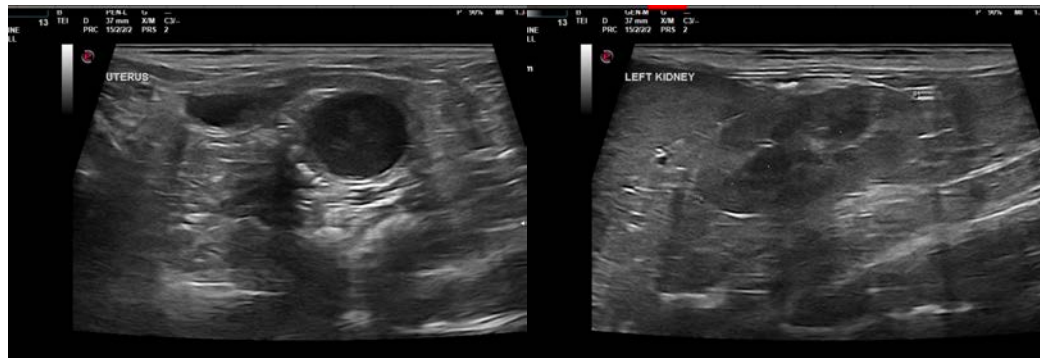
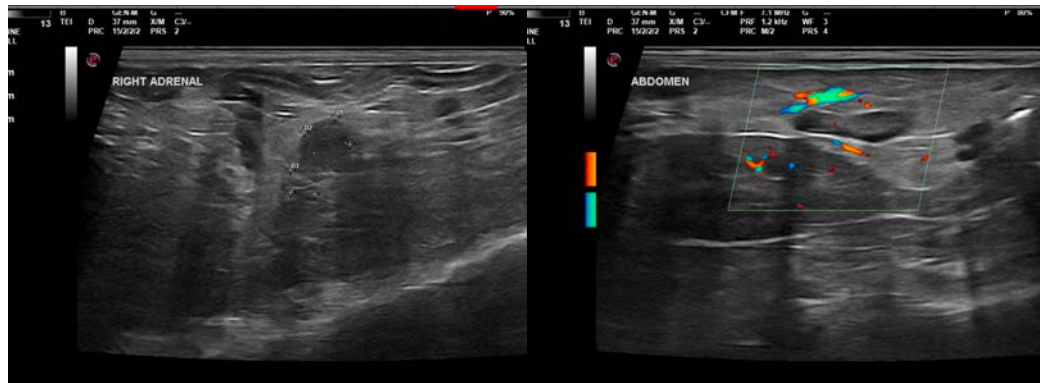
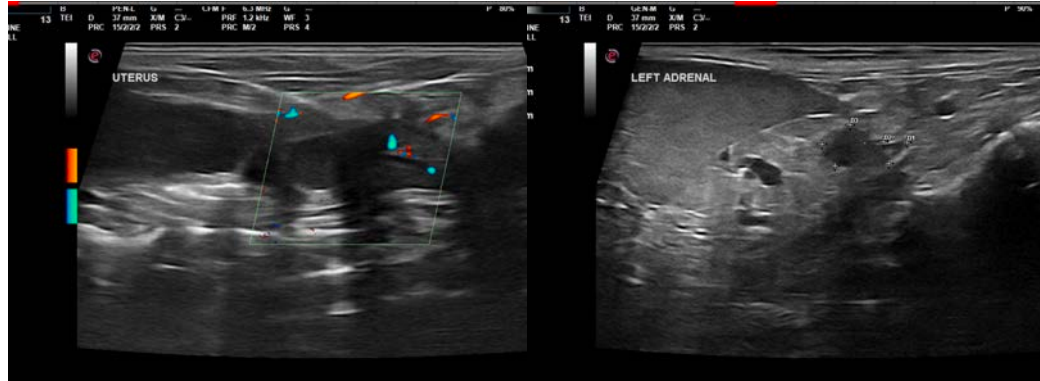
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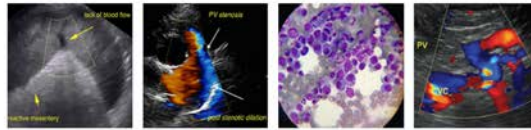
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

BREED

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

SEX

FS

AGE

5 years

WEIGHT

1.5#

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