



**PATIENT PRESENTING CLINICAL SIGNS**

Fiona Leffler Blood noted from vaginal opening last week. According to O, P had vaginal bleeding on and off x first two years of life- O assumed menstruation.

**SPECIES**

Guinea Pig

Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings N/A Current Medications Gabapentin 50 mg/mL: 0.07 mL PO BID Radiographic Findings N/A

**BREED**

American Shorthair

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**SEX**

Intact Female

The **urinary bladder** presented some debris at the cystourethral junction.

**AGE**

5 Years

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 2.3 cm. The right kidney measured 2.7 cm. Slight mineralization noted in both kidneys.

**WEIGHT**

124 Grams

**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 0.40 cm. The right adrenal gland measured 0.56 cm.

**INTERPRETED BY**

Eric Lindquist, DMV

**Spleen**

DABVP, Cert. IVUSS

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. 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.

**IMAGING PERFORMED BY**

Sara Hansen

**Liver**

**HOSPITAL NAME**

West Hills AH

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.

**REFERRING VET**

Dr. Vickstrom

**Gastrointestinal**

**INVOICE**

46506

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**

4/7/23



**PATIENT** *Pancreas*

Fiona Leffler 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** *Free Abdomen*

Guinea Pig The uterus was mildly thickened at 0.50 cm, yet empty lumen. The regions of the ovaries were unremarkable, no overt pathology.

**BREED** *ULTRASONOGRAPHIC FINDINGS*

American Shorthair

- SEX**
- Prominent uterus, possible active heat cycle
  - Urinary bladder debris, possible UTI
  - Renal mineralization

Intact Female

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

5 Years No overt pyometra, yet underlying metritis is possible. If reproductive issues continue, ovariectomy recommended.

**WEIGHT**

124 Grams

**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

West Hills AH

**REFERRING VET**

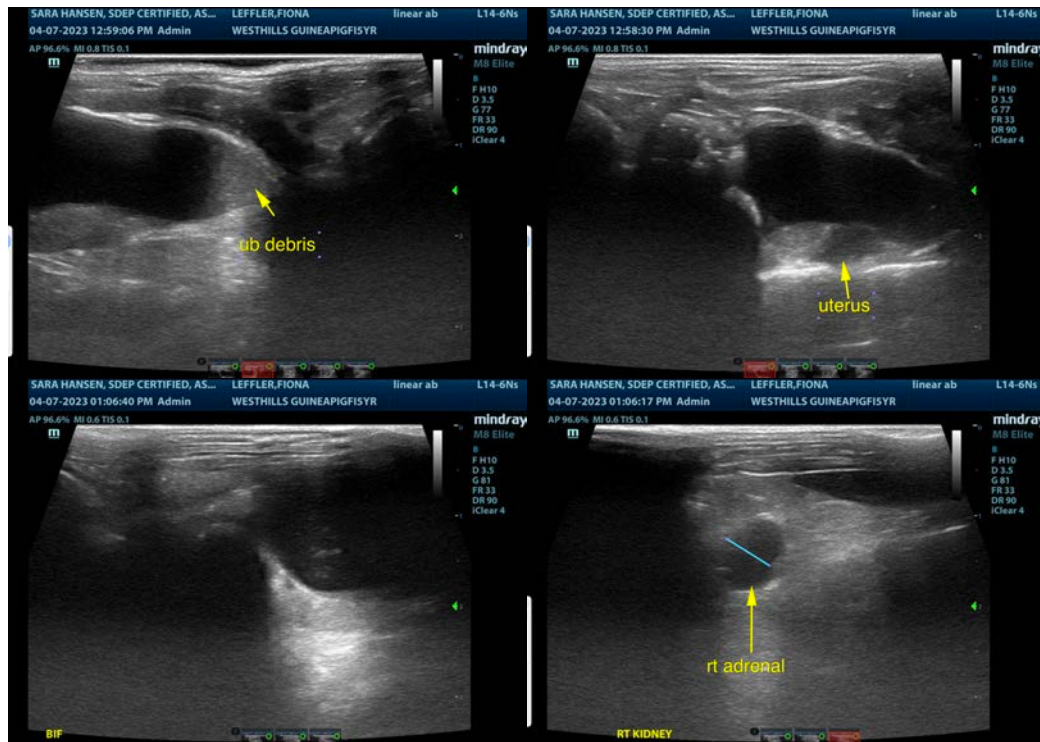
Dr. Vickstrom

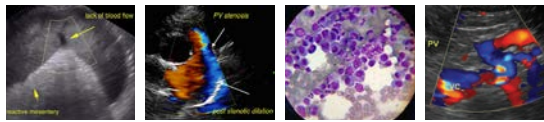
**INVOICE**

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**DATE**

4/7/23





**PATIENT**

Fiona Leffler

**SPECIES**

Guinea Pig

**BREED**

American Shorthair

**SEX**

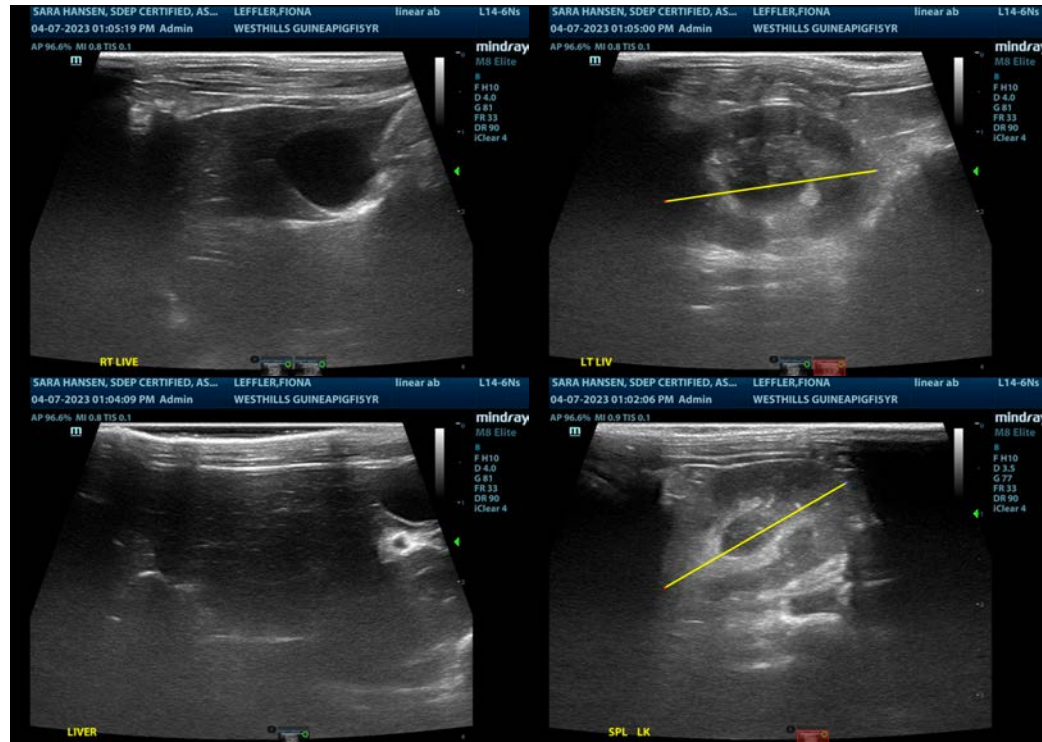
Intact Female

**AGE**

5 Years

**WEIGHT**

124 Grams



**INTERPRETED BY**

Eric Lindquist, DMV  
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**REFERRING VET**

Dr. Vickstrom

**INVOICE**

46506

**DATE**

4/7/23

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

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