



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Capi Sutula

History: Patient presents for hair loss and concern for uterine/ovarian neoplasia.

**SPECIES**

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Cavia Porcellus

**Urinary System**

**BREED**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A minor amount of suspended debris was noted. . No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

Guinea Pig

Cystic right ovary was noted and measured 2.0 x 1.0 cm. The left ovary was also cystic and measured 1.5 x 0.75 cm. The uterus was thickened and irregular measuring 1.3 cm. This created a mass effect, but may be simple hyperplasia.

**SEX**

Intact female

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 2.65 cm. The left kidney measured 2.42 cm.

**AGE**

2 years

**WEIGHT**

897 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 right adrenal gland measured 0.84 x 0.39 cm. The left adrenal gland measured 1.01 x 0.56 cm.

**INTERPRETED BY**

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

**Spleen**

**IMAGING PERFORMED BY**

Kelly Vazquez , CVT

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 was noted.

**HOSPITAL NAME**

Companion AH

**Liver**

**REFERRING VET**

Dr. Wolf

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.

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**Gastrointestinal**

Capi Sutula

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.

**SPECIES**

Cavia Porcellus

**Pancreas**

**BREED**

Guinea Pig

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.

**SEX**

Intact female

**Free Abdomen**

**AGE**

2 years

Free fluid was noted in the caudal abdomen.

**WEIGHT**

897 grams

**ULTRASONOGRAPHIC FINDINGS**

Hyperplastic, irregular uterus with cystic ovaries and free fluid.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The free fluid is likely deriving from ovarian leakage. Ovariohysterectomy is recommended. There is a mild potential for uterine neoplasia. Urinary work-up is warranted to assess for concurrent UTI.

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**HOSPITAL NAME**

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**REFERRING VET**

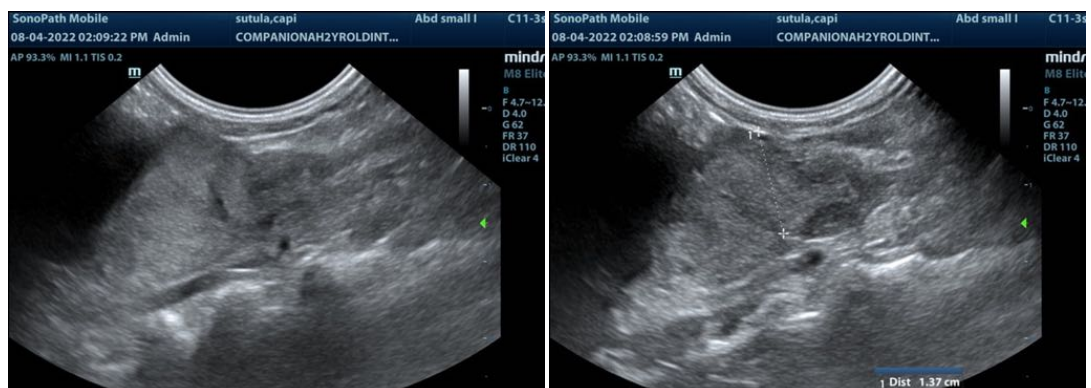
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**SPECIES**

Cavia Porcellus

**BREED**

Guinea Pig

**SEX**

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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**

Cavia Porcellus

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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**BREED**

Guinea Pig

**SEX**

Intact female

**AGE**

2 years

**WEIGHT**

897 grams

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