



PATIENT

Aurora Mei

SPECIES

Guinea Pig

BREED

Guinea Pig

SEX

Female

AGE

1 Year 2 Months

WEIGHT

702 Grams

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Agnes Rupley, DVM

HOSPITAL NAME

All Pets MC

REFERRING VET

Agnes Rupley, DVM

INVOICE

13861

DATE

10/18/21

PRESENTING CLINICAL SIGNS

History: PRESENTED FOR: 08/25/2021: medical progress exam, ultrasound guided cystocentesis / urinalysis, and repeat ear gram's stain HISTORY Otitis externa-previous and ongoing. OWNER REPORTS: Currently feeding Critical Care three times daily. When not fed morning or evening meal on time, Aurora loses weight. Owner states Aurora is eating hay and vegetables well, just not eating any pellets. VITALS: 702g Temperature: 106.0 ELEVATED Heart Rate: 120 bpm Respiratory Rate: 140 bpm Mucous Membrane Color: pink Capillary Refill Time: <2 CURRENT MEDICATIONS: Sulfamethoxazole Trimethoprim (0.1mL every 12 hours) for UTI (today UA indicates resolved and TMS discontinued. Provable (1/4 capsule every 24 hours) EXAM FINDINGS: Aurora is very thin with a body score of 2/9(ideal is 5/9). She has gradually lost weight since her first visit 5/4/202. Otitis externa-previous and ongoing The maxillary clinical crowns are mildly overgrown. Muscle wasting. Weak. LAB RESULTS: Urinalysis results reveal protein 30, abundant ca. carbonate and amorphous ca crystals, with a pH of 9 and Specific Gravity: 1.015. Gram's stain no moderate gram positive rod bacteria 0-3/4 and cocci 0-2/4 in the RIGHT. LEFT cytology is normal. 9/27/21: CBC results reveal 100% of the heterophils are degranulated. Chemistry panel reveals elevated albumin and decreasing and very low globulins. Findings consistent with dehydration and decreased immunity. Urinalysis results reveal protein 300, red and white blood cells, calcium crystals, cocci bacteria, with a pH of 8 and specific gravity 1.025. History from 5/4/2021: Chemistry panel reveals no evidence of liver or kidney disease (Globulins are slightly low and albumin elevated. These are proteins and they may not have separated well on the test.) No eggs are present on the Intestinal Parasite Screen (Fecal Float). ASSESSMENT AND PLAN: Discontinue all oral antibiotics; continue Provable. Discontinue all oral antibiotics; continue Provable. Aurora should be force fed accoring to the labels sent for Critical Care and Sustain (better). Aurora should be fed four times daily.

Abnormal PE/Chem/CBC/UA Results:

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Occasional anechoic cyst noted. Slight renal mineralization noted. The left kidneys measured 2.94 cm. The right kidney measured 3.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

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



PATIENT

Aurora Mei

congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

SPECIES

Guinea Pig

The **liver** revealed increased portal markings and mildly thickened gallbladder consistent with hepatic remodeling. These changes were minor.

Gastrointestinal

BREED

Guinea Pig

The **stomach** was filled with ingesta. A large amount of GI artifact noted in this patient, typical for the species.

SEX

Female

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.

AGE

1 Year 2 Months

Other

A cystic left **ovary** was noted, measuring 1.3 cm. The right ovary was not visualized. Variable areas of uterine dilation noted.

WEIGHT

702 Grams

ULTRASONOGRAPHIC FINDINGS

- Minor cystic kidneys
- Slight uterine dilation
- Cystic left ovary
- Stomach ingesta and GI artifact
- Minor hepatic remodeling

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If any signs of reproductive disease are present, then ovariohysterectomy should be considered. Otherwise, no evidence of significant pathology.

IMAGING PERFORMED BY

Agnes Rupley, DVM

HOSPITAL NAME

All Pets MC

REFERRING VET

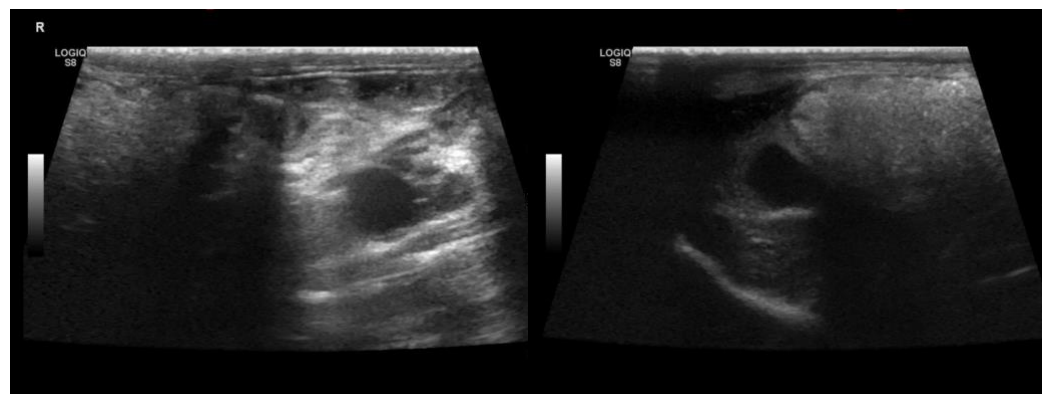
Agnes Rupley, DVM

INVOICE

13861

DATE

10/18/21





PATIENT

Aurora Mei

SPECIES

Guinea Pig

BREED

Guinea Pig

SEX

Female

AGE

1 Year 2 Months

WEIGHT

702 Grams

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Agnes Rupley, DVM

HOSPITAL NAME

All Pets MC

REFERRING VET

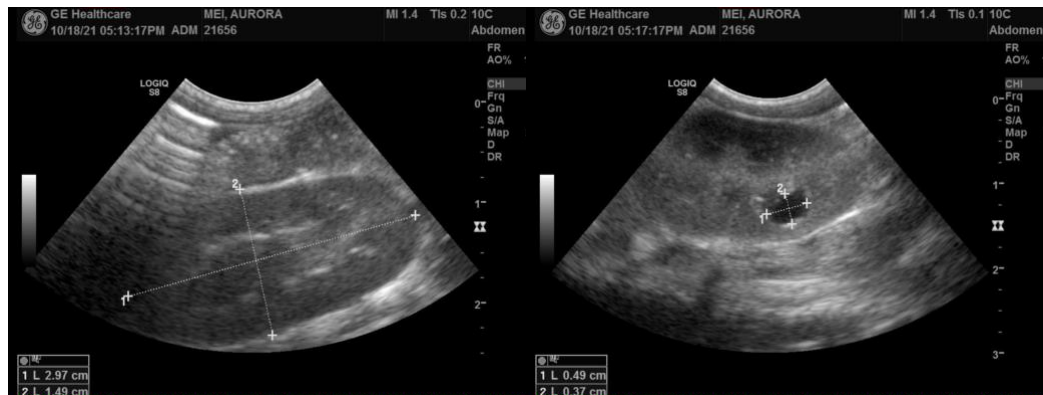
Agnes Rupley, DVM

INVOICE

13861

DATE

10/18/21



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