



PATIENT PRESENTING CLINICAL SIGNS

Ruby Bates History: Vomited several times yesterday on a walk on the beach. Shaking, no app. All b/w ok. Got pup 8 days ago. no fever. R/O trauma.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Shepherd

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

SEX

Female

The left **kidney** was swollen with pyelectasia and measured 1.0 x 0.5 cm. A slight amount of pericapsular fluid accumulation was noted. Echogenic debris was noted in the left renal pelvis. This is suggestive for pyelonephritis. The proximal left ureter was mildly dilated. Free fluid was noted around the left kidney. The right kidney was normal. Both kidneys measured 5.0 cm.

AGE

10 weeks

WEIGHT

Adrenal Glands

15 lbs

The **adrenal glands** were not visualized.

INTERPRETED BY

Spleen

Eric Lindquist, DMV
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 was noted.

IMAGING PERFORMED BY

Dr. Hunt

HOSPITAL NAME

Liver

Bayshore VH

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. Hunt

INVOICE

Gastrointestinal

32495

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

DATE

8/23/22



PATIENT

Pancreas

Ruby Bates

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

Canine

Free Abdomen

BREED

Shepherd

Slight amount of free fluid was noted. Normal juvenile lymph nodes were noted.

SEX

Gastroenteritis.

Female

Pyelonephritis left renal pattern with mild hydroureter.

AGE

Bladder debris.

10 weeks

Free fluid.

WEIGHT

15 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinalysis is warranted to assess for any evidence of UTI. Urine culture and sensitivity is indicated. Structurally the bladder was unremarkable. I am most concerned about the bladder debris and left renal pyelectasia. The cause of the free fluid around the left kidney is unknown. Ultrasound-guided centesis is recommended to assess for potential hematoma or purulent changes. The hematoma type area may be obstructing a left ureter. Assessment for possible trauma in this region is indicated. It is difficult to ascertain whether the free fluid or potential hematoma is entrapping the left ureter or possible ureteral rent may be present causing free fluid, concurrent UTI or hematoma can cause the echogenic debris and pyelectasia in the renal pelvis and urinary bladder.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hunt

HOSPITAL NAME

Bayshore VH

REFERRING VET

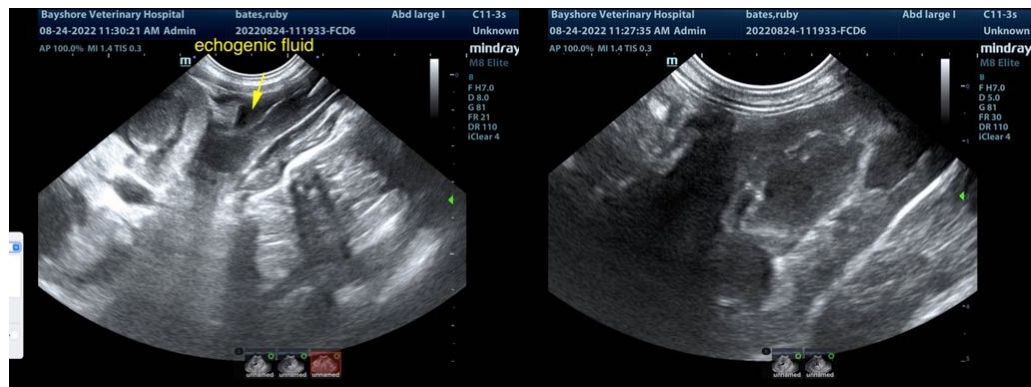
Dr. Hunt

INVOICE

32495

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PATIENT

Ruby Bates

SPECIES

Canine

BREED

Shepherd

SEX

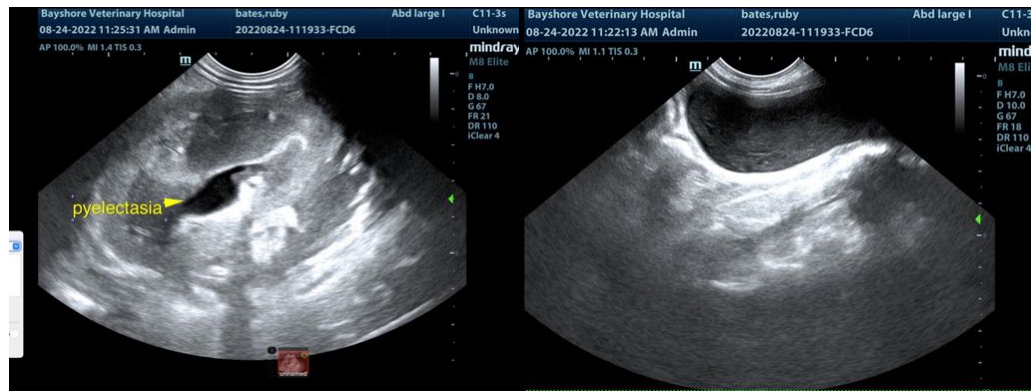
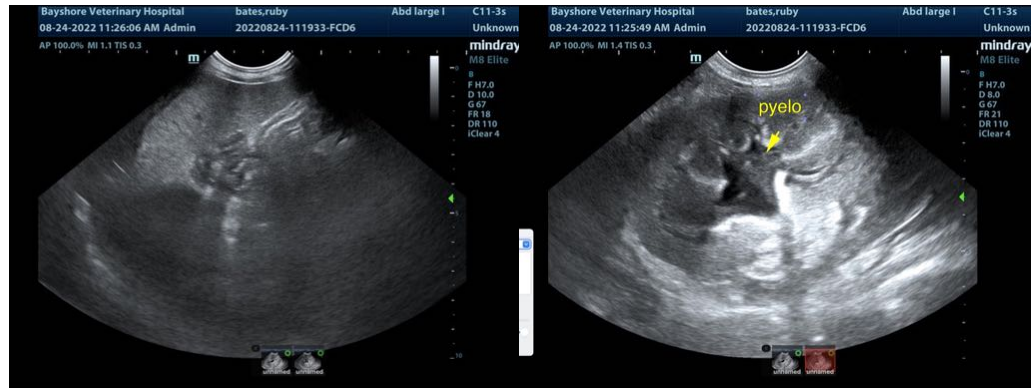
Female

AGE

10 weeks

WEIGHT

15 lbs



INTERPRETED BY

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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.

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.

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