



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Hailey White  
**PRESENTING CLINICAL SIGNS** History: lethargy, decreased appetite, 10 lb weight loss, diabetes insipidus dog on desmopressin but recent thirst increase. febrile.  
 Abnormal PE/Chem/CBC/UA Results: wasted condition, neut 25, alkphos 326

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Brittany

The **urinary bladder** revealed a concentric wall thickening and some thickening of the ureters were noted at the ureteral papilla. However, further imaging would be necessary for definition. There is a possibility of underlying ureteral carcinoma or ureteral strictures.

**SEX**

Intact female

The **kidneys** presented moderate hydronephrosis with echogenic debris in the right renal pelvis. The right kidney hydronephrosis/pyelectasia measured up to 3.0 cm. Right hydroureter was noted and measured up to 0.8 cm. Urine within the left renal pelvis was anechoic. The left ureter was also dilated; however, the exact cause of dilation is unclear. The left kidney measured 6.06 cm. The right kidney measured 8.23 cm.

**AGE**

13 years

**WEIGHT**

32 lbs

**Adrenal Glands**

The **adrenal glands** were not visualized.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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

**IMAGING PERFORMED BY**

Michelle Roche

**HOSPITAL NAME**

Fredon AH

**Liver**

The **liver** was mildly enlarged and mildly heterogenous. Minor isoechoic swelling was noted in the left liver. The gallbladder and common bile duct were unremarkable and non-specific. This is a non-specific age related presentation.

**REFERRING VET**

Dr. Grau

**Gastrointestinal**

**INVOICE**

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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**

5/3/22



**PATIENT**

**Pancreas**

Hailey White

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

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Bilateral hydronephrosis with right hydroureter.

Brittany

Concentric bladder wall thickening. The cause of ureteral dilation and pelvic dilation is unclear.

**SEX**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Intact female

CT evaluation with contrast would be ideal in this patient. The fever is likely owing to pyelonephritis. Coagulation panel and ultrasound-guided pyelocentesis of the right kidney with drainage would be appropriate. No obvious neoplasia is noted, yet this cannot be ruled out.

**AGE**

13 years

**WEIGHT**

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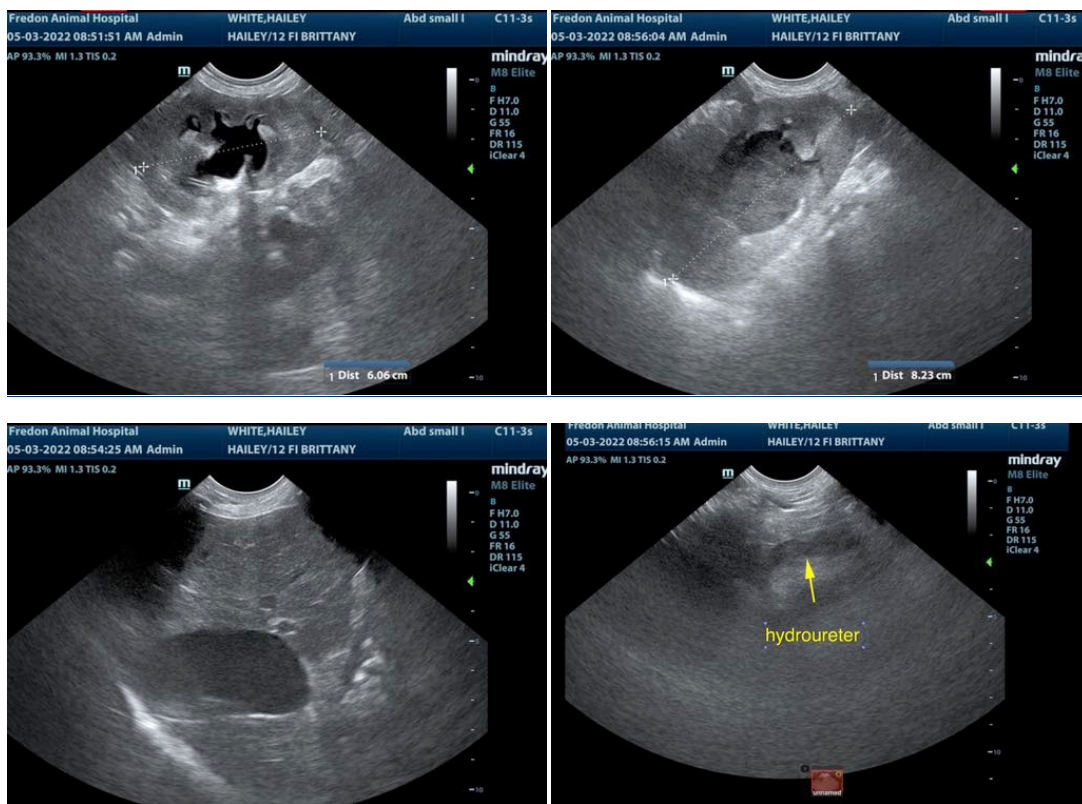
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**PATIENT**

Hailey White

**SPECIES**

Canine

**BREED**

Brittany

**SEX**

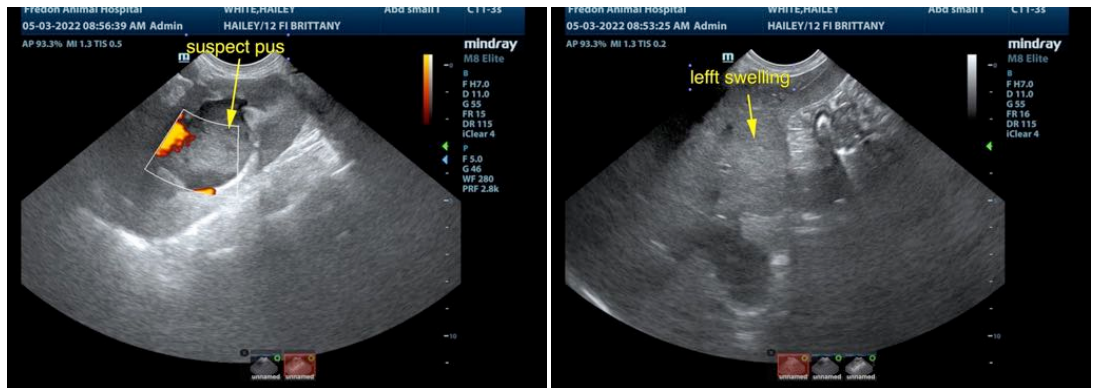
Intact female

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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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