



**PATIENT**

Kylo Ren Rotunno

**SPECIES**

Canine

**BREED**

Husky

**SEX**

MN

**AGE**

1.2yr

**WEIGHT**

73lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jen Amidon

**HOSPITAL NAME**

The Pet Hospital of  
Stratford

**REFERRING VET**

Dr. Miller

**INVOICE**

14304ag

**DATE**

07/07/2023

**PRESENTING CLINICAL SIGNS**

Pt newly adopted about a week ago, no concerns. Routine bw done showed elevated renal values. UA/lepto titer done, low SG on urine, neg for lepto. O noted pt drinking a lot for only a couple days recently.

Abnormal PE/Chem/CBC/UA Results: attached labs

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder was unremarkable. The urethra was dilated with urine pooling in the deep pelvic urethra. No overt ectopic ureter was noted. The ureters were not visible which is normal.

The left kidney was irregular in contour with hyperechoic cortical changes. Disrupted renal pelvic structure was noted. The blood flow to the kidneys appeared to be slightly irregular to subnormal in pattern. The right kidney exhibited similar changes to the left. Thickened irregular echogenic cortices were noted. Slight pelvic dilation was noted. This is most consistent with interstitial nephrosis however primary dysplasia is of concern. The left kidney measured 6.6 cm in length. The right kidney measured 5.8 cm in length.

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy or masses.

**Adrenal Glands**

The left adrenal was subnormal in size measuring 3.0 mm.

**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 were noted.

**Liver**

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.

**Gastrointestinal**

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.

**Pancreas**



**PATIENT**

Kylo Ren Rotunno

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*

Canine

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

**BREED**

Husky

**ULTRASONOGRAPHIC FINDINGS**

- Interstitial nephrosis pattern with irregular renal contour. Concern for emerging renal failure, primary renal dysplasia, leptospirosis, toxin exposure. Concern for long term viability of the kidneys is warranted.
- Subnormal left adrenal size. Occult Addison's disease is a potential.

**SEX**

MN

**AGE**

1.2yr

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Screening for Addison's disease is indicated. A urine C/S is warranted. BP measurements and renal biopsies are indicated. A leptospirosis titer/PCR may be considered if clinically indicated or if potential exposure/endemic to the area. A guarded to poor prognosis is indicated. 72 hour IVF protocol is warranted with reassessment of azotemia.

**WEIGHT**

73lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Jen Amidon

**HOSPITAL NAME**

The Pet Hospital of Stratford

**REFERRING VET**

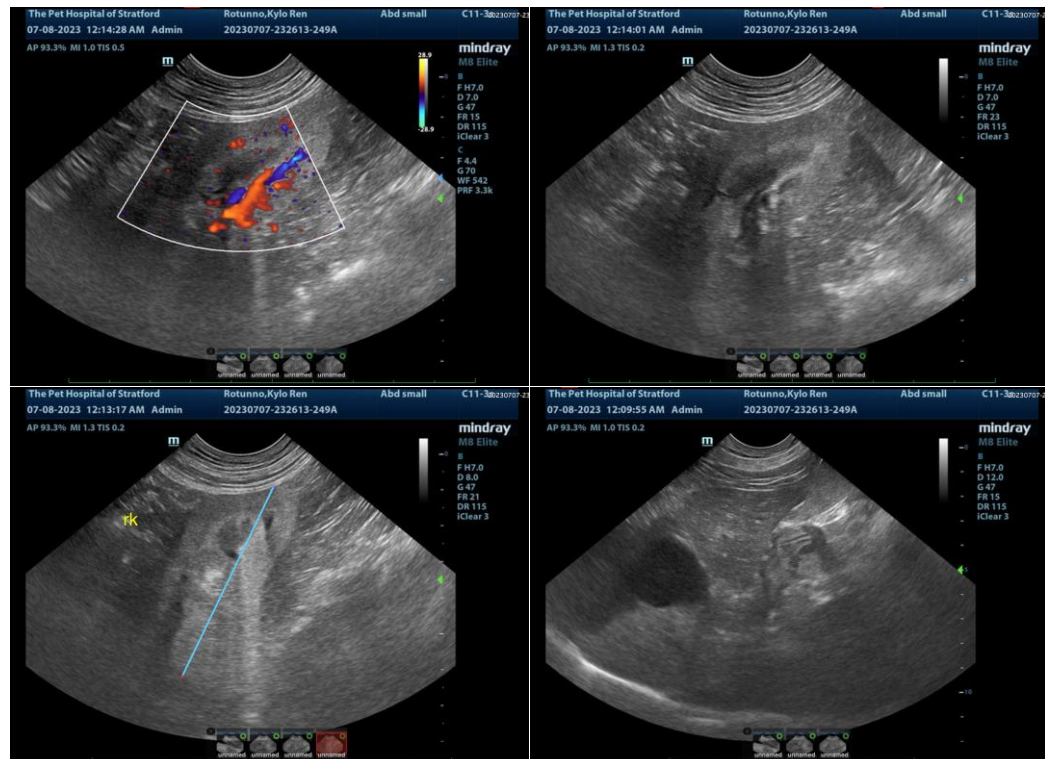
Dr. Miller

**INVOICE**

14304ag

**DATE**

07/07/2023





**PATIENT**

Kylo Ren Rotunno

**SPECIES**

Canine

**BREED**

Husky

**SEX**

MN

**AGE**

1.2yr

**WEIGHT**

73lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jen Amidon

**HOSPITAL NAME**

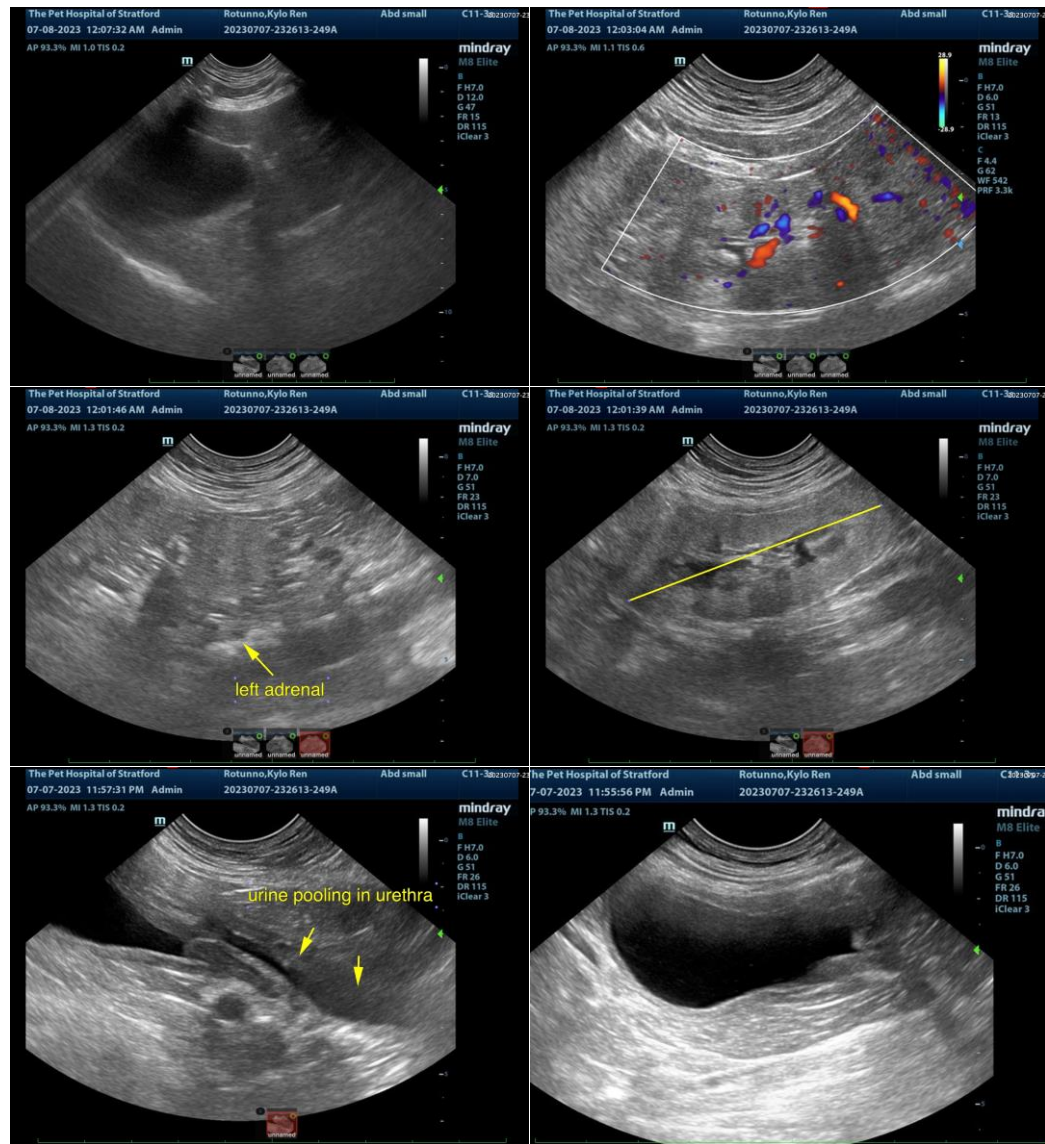
The Pet Hospital of  
Stratford

**REFERRING VET**

Dr. Miller

**INVOICE**  
14304ag

**DATE**  
07/07/2023



obe.”

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  
Eric.Lindquist@SonoPath.com