**DATE PRESENTING CLINICAL SIGNS**

3-31-23 History: Cardiac murmur, bilateral cryptorchid, dental calculus, right facial swelling.

**PATIENT**

Russell Edwards

Current Medications: Convenia 0.43cc SQ.  
 Lab Results: See attached.  
 Date of Previous IntraPet Ultrasound: No previous.  
 Sedation: Not required to complete full diagnostic ultrasound.  
 Stat Report: Not requested.

**SPECIES**

Canine

Imaging Performed By: Stephanie Warga RDCS, RVT.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****BREED**

Yorkshire Terrier

**Urinary System**

The urinary bladder mucosa, trigone, and visible urethra are normal in thickness and there is no evidence of mucosal irregularities. The bladder lumen is mildly distended with anechoic urine and bladder thickness is considered normal for volume of urine.

**SEX**

Intact Male

The prostate measures appropriate (1.67 cm wide) for the intact status of the dog. The parenchyma appears homogenous. There is no inflammation, cysts or other pathology noted. The testicles were found inguinally (1.52 cm / 1.59 cm in length) and appear normal in size, shape and echogenicity (homogenous).

**AGE**

4/1/2013

The left kidney is normal in size (3.80 cm) shape and architecture with smooth peripheral margins and mildly decreased corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**WEIGHT**

9.5 lbs

The right kidney is normal in size (4.28 cm) s shape and architecture with smooth peripheral margins and mildly decreased corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**INTERPRETED BY**Jessica Midence, DVM,  
DACVIM (SAIM)**Adrenal Glands**

The left adrenal gland is normal in size (cranial pole 0.37 cm / caudal pole 0.46 cm). The left adrenal gland has normal in shape and is normal in appearance and echogenicity.

**HOSPITAL NAME**

AC of Whiteford

The right adrenal gland is normal in size (cranial pole 0.42 cm / caudal pole 0.37 cm). The right adrenal gland has normal shape and is normal in appearance and echogenicity.

**REFERRING VET**

Dr. Everhart

**Spleen**

The splenic echotexture is homogeneous with parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule is smooth with no irregularities. The splenic vasculature is normal without signs of congestion or thrombosis.

**INVOICE**

12611

**Liver**

The liver is subjectively normal in size (with rounding of some of the edges) with normal structure and smooth peripheral margins. The echogenicity appears mildly hyperechoic and heterogenous with slightly decreased portal markings. No overt evidence of inflammatory, infiltrative or regenerative pathology is evident. The visible portions of the vasculature and biliary tract appear normal. No pathological hepatic lymphadenopathy observed.

The gallbladder lumen is mildly distended. The wall is a normal thickness and smooth. There is a small amount of suspended echogenic debris. The cystic and common bile ducts are normal/not visible.

### ***Gastrointestinal Tract***

The gastric lumen is empty. The stomach wall is of normal wall thickness with some variability due to rugal folds. There is normal gastric wall layering. There are no masses or focal lesions observed and the pyloric outflow tract appears normal.

The visualized areas of duodenum, jejunum and ileum appear normal in thickness. The duodenum is normal with distinct wall layering. The remainder of the small intestines are normal with normal wall layering. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. No focal lesions observed.

The sections of colon are visualized with formed fecal material and gas shadowing distally.

### ***Pancreas***

The area of the pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid. The visible pancreatic duct was normal.

### ***Peritoneum***

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The omentum is of normal uniform echogenicity.

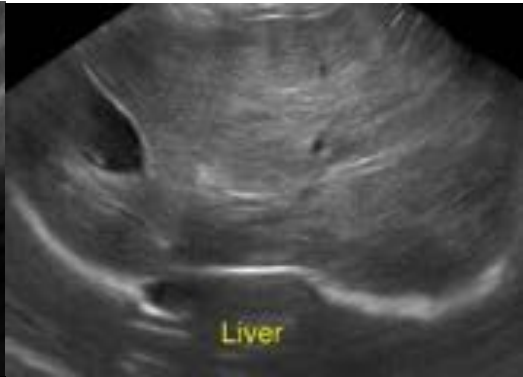
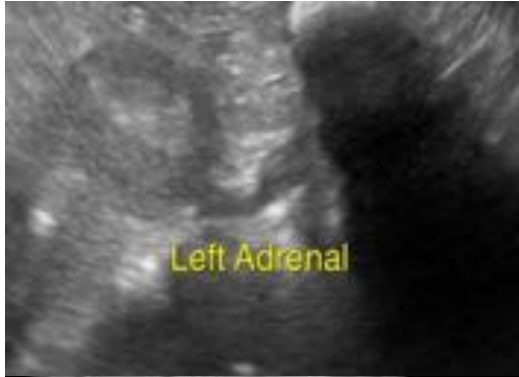
## **ULTRASONOGRAPHIC FINDINGS**

### ***Findings***

- Cryptorchid
- Enlarged prostate (normal given the intact status of patient)
- Mild chronic degenerative renal changes
- Mildly hyperechoic hepatomegaly

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The results of this ultrasound are largely normal. The testicles were found inguinally and appear normal. The prostate, though enlarged, looked very normal and appropriate for an intact male dog. No obvious cause for the facial swelling is found. Consider routine monitoring of renal values and evaluate for proteinuria (given the breed). The changes to the liver are mild. Correlate with lab-work findings (if normal, this is likely a benign aging change).





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.

Jessica Midence, DVM, DACVIM (SAIM)  
info@SonoPath.com