



<b>DATE</b>	<b>PRESENTING CLINICAL SIGNS</b>
8/20/21	Blood in urine 8/17/2021. Postures to urinate for a long time.
<b>PATIENT</b>	Normal stool in AM but training to defecate later in PM.
Pippen Ferguson	Acting fine. 13-year-old intact male. BAR, BCS 5/9, normal temp, rectal exam prostate irregular/lumpy- especially left side.
<b>SPECIES</b>	Current Medications: Enrofloxacin 68mg PO SID
Canine	Lab Results: U/A voided sg 1.048, pH 8.0, protein negative.
<b>BREED</b>	WBC > 50/hpf. RBC > 50/hpf. Epithelial cells. > 10/hpf non squamous.
Parson's Terrier	crystals 1-5/ hpf calcium oxalate and unclassified.
	Date of Previous IntraPet Ultrasound: No previous
	Sedation: not needed
	Stat Report: not requested
<b>SEX</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Neutered Male	<b>Urinary System</b>
<b>AGE</b>	The <b>urinary bladder</b> , 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 iliac lymph nodes were mildly enlarged, irregular and mineralized.
2008	
<b>WEIGHT</b>	The <b>prostate</b> was enlarged, irregular, mineralized and nodular, measuring 2.29 cm x 1.28 cm.
15 Pounds	
<b>INTERPRETED BY</b>	The <b>kidneys</b> revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 3.64 cm. The left kidney measured 4.63 cm.
Eric Lindquist, DMV DABVP, Cert. IVUSS	
<b>HOSPITAL NAME</b>	<b>Adrenal Glands</b>
Jacksonville VH	The <b>left adrenal gland</b> was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.68 cm x 0.57 cm at the caudal pole and 0.61 cm at the cranial pole.
<b>REFERRING VET</b>	The region of the <b>right adrenal gland</b> was unremarkable.
Dr. Burk	
<b>INVOICE</b>	<b>Spleen</b>
12652	The <b>spleen</b> 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.
	<b>Liver</b>

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

### ***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***

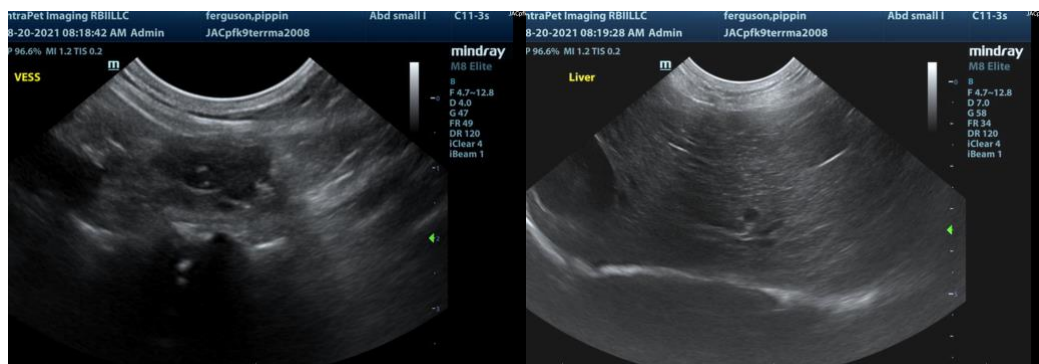
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

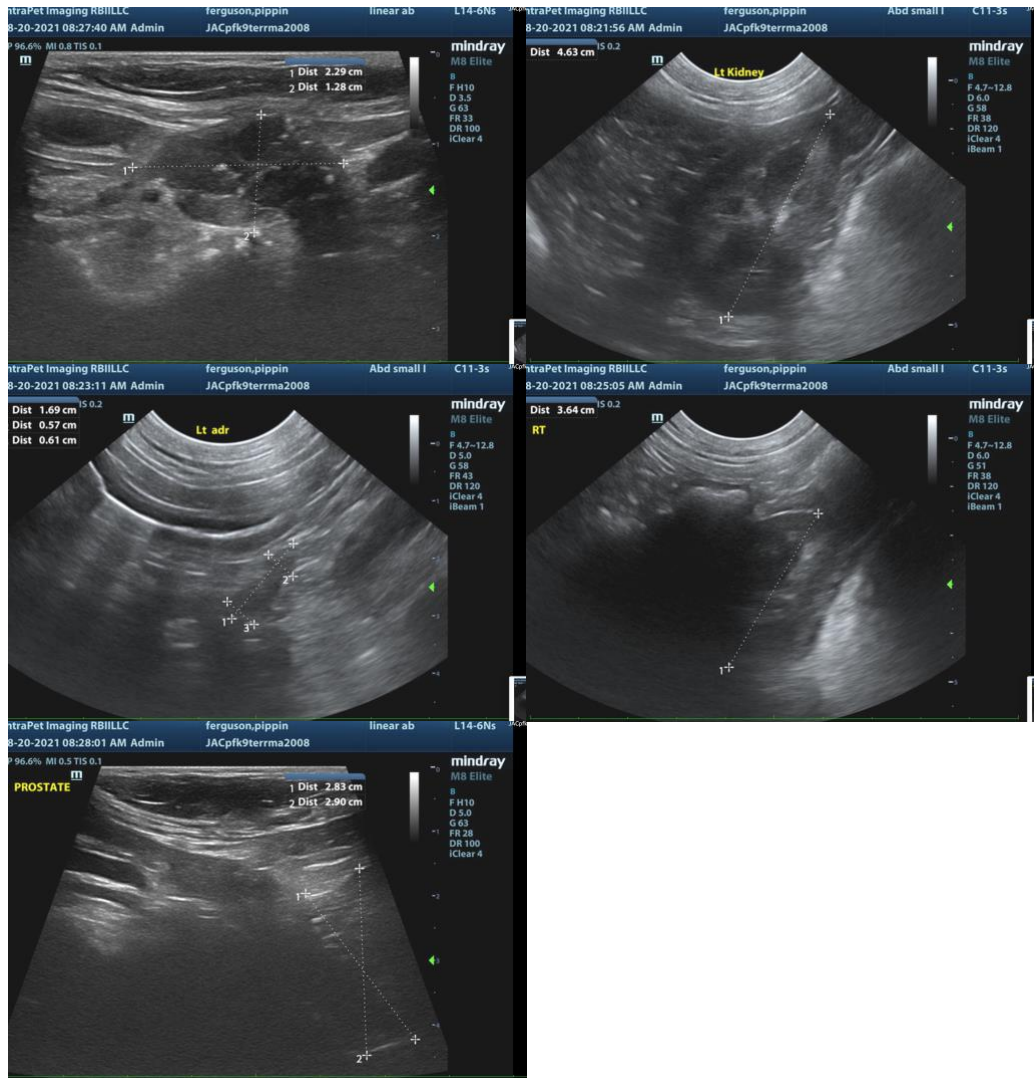
## **ULTRASONOGRAPHIC FINDINGS**

- Mineralized irregular prostate, suspect carcinoma with iliac spread
- Age-related hepatic changes

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

FNA or traumatic catheterization warranted for a definitive diagnosis. Likely iliac metastatic change.





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.

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