

**DATE**

7/26/22

PRESENTING CLINICAL SIGNS**PATIENT**

Callie Peden

History: Callie has had episodes of vomiting and inappetence. She most recently had one last week and she was treated at the Animal Emergency Hospital. The attending clinician felt that Callie's stomach wall might be thickened. She was treated with cerenia, sucralfate, pantoprazole, gabapentin. She recovered and has done well so far.

SPECIES

Feline

Current Medications: cerenia 6mg sid, sucralfate 1g suspension tid
 buprenorphine 0.09mg tm bid

BREED

DSH

Lab Results: Bloodwork at the emergency clinic was normal except for a slightly elevated SDMA (19, 0-14), globulin(5.7, 2.8-5.1) and TS (8.6, 5-8.0)

Radiographs: See attached.

Date of Previous IntraPet Ultrasound: 6/21/19. See attached.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SEX

Spayed Female

Imaging Performed By: Rachel Brillhart, RDMS.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**AGE**

5/24/14

Urinary System

The **urinary bladder**, 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.

WEIGHT

9.75 Pounds

The **kidneys** revealed polycystic changes with corticomedullary calculi and mineralization, nonobstructive. Progressive cystic changes were noted compared to the prior sonogram. The largest cyst measured 1.59 cm. The left kidney measured 4.17 cm. The right kidney measured 3.83 cm. Blood flow to the kidneys appeared to be subnormal.

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

Adrenal Glands

Both **adrenal glands** were 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 right adrenal gland measured 0.36 cm. The left adrenal gland measured 0.41 cm.

HOSPITAL NAME

Cat Sense Feline
 Hospital

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.

REFERRING VET

Dr. Sinclair

INVOICE

16565

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

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility. This is a minor change. The intestinal wall measured 0.25 cm.

Pancreas

The **pancreas** revealed dilated duct (0.16 cm). The right limb of the pancreas was mildly enlarged, measuring 0.98 cm.

Free Abdomen

A mesenteric **lymph node** measured 0.6 cm, reactive.

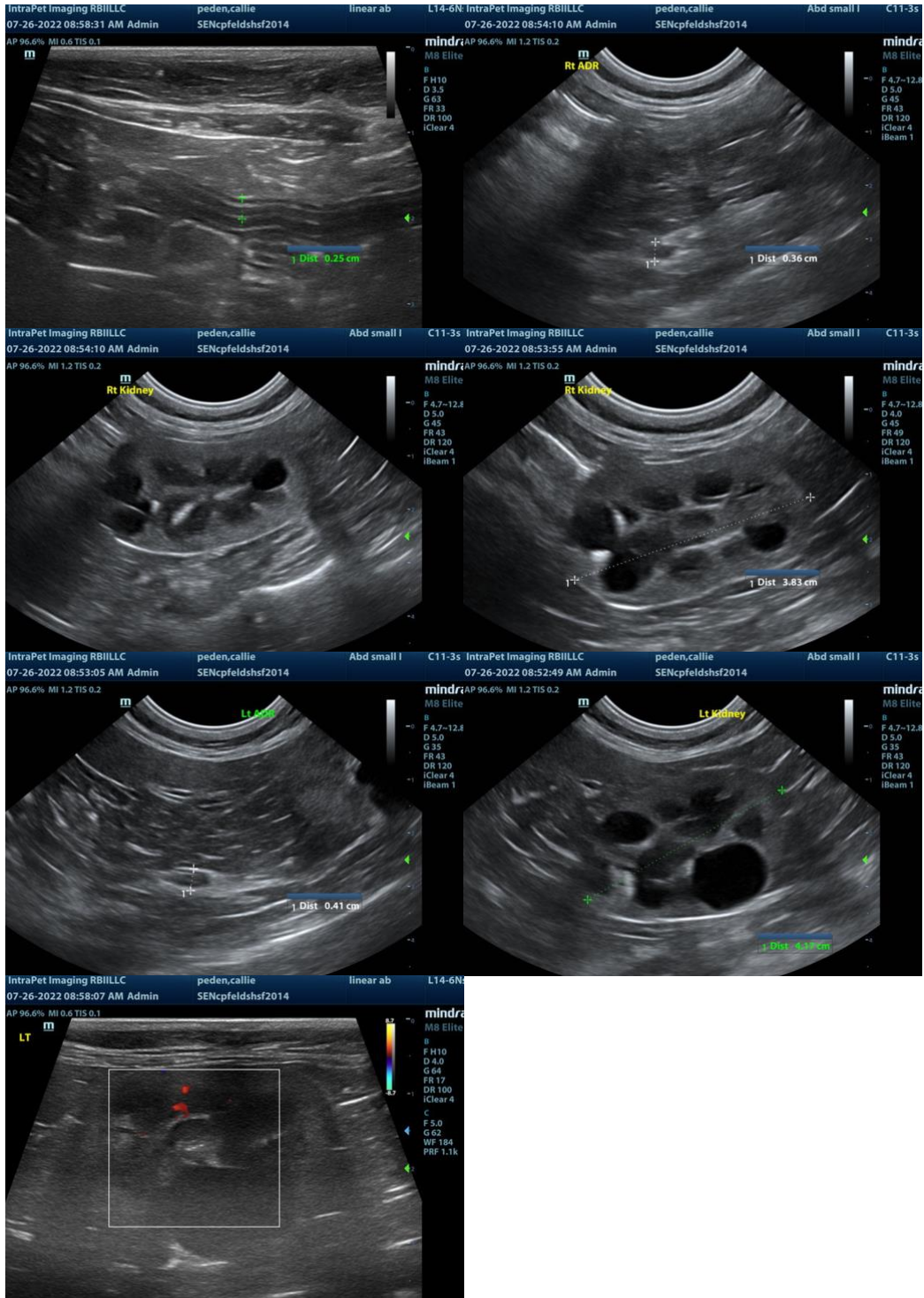
ULTRASONOGRAPHIC FINDINGS

- Progressive polycystic kidney disease
- Minor intestinal thickening with slight reactive lymph nodes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Renal parameters should be monitored carefully in this patient. Both renal and prerenal disease may be playing a role in this patient. Subxiphoid palpation is recommended to assess for pain or discomfort associated with the pancreas.





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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com