



## PATIENT PRESENTING CLINICAL SIGNS

Coco Parry

History: Coco is a 4 years old spayed female cat. P visited on Dec 6, 2021. O had noted some episodes of vomiting since a month ago. Had been visited by rDVM and some Abx administered. O don't remember the meds. On the visit day, O had complain about increasing the episodes of vomiting and became anorexic. Hospitalized last week for 24 hours. P is on Ursodiol but O is not able to administered the meds. Fructosamine test result was not consistent with DM. P came back on Dec 13, 2021. O noted bloody vomiting. not eating and defecating. P came back today for AUS. Still Not eating and defecating. Abnormal PE/Chem/CBC/UA Results: Blood work: - BG= 15.39 4.11 - 8.84 mmol/L - GGT= 90 - 4 U/L - Na =145 150 - 165 mmol/L - K = 2.8 3.5 - 5.8 mmol/L - Fructosamine= 103 191 - 349 µmol/L urine results: - SG>1.060 - Glu=1000 mg/dl

## SPECIES

Feline

## BREED

Domestic Shorthair

## SEX

Spayed Female

## AGE

4 years

## WEIGHT

6.27 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Yashar Alami  
Alamdari

## HOSPITAL NAME

King Hopkins Pet  
Hospital

## REFERRING VET

Dr. Yashar Alami  
Alamdari

## INVOICE

94651

## DATE

12/15/21

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### 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 was noted. Ureteral papillae were normal.

The **kidneys** 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 3.8 cm.

### 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 left adrenal gland measured 0.3 cm.

### 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.

### 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



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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.

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**Gastrointestinal**

The **stomach** in this patient revealed a hypoechoic 2.5 x 1.1 cm mural mass at the pyloric outflow. The gastric mass appeared to be deriving from the caudal mural aspect of the pyloric outflow. The gastric fundus appeared unremarkable. The mass does not appear resectable in its current position and appears to enter into the proximal duodenum. Ultrasound-guided FNA can be considered. The small intestine and colon were unremarkable. Epigastric lymph node was slightly enlarged.

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**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. The pancreatic duct revealed undulating contour.

**AGE**

4 years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

6.27 lbs

Pyloric mass, strongly suggestive for early round cell neoplasia.

Mild regional lymphadenopathy.

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Eric Lindquist, DMV  
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA or endoscopy is indicated. However, given the intramural nature of the lesion endoscopy may not be accessible to the lesion. Ultrasound-guided FNA or surgical biopsies would likely be necessary. Granulomatous disease is possible, yet less likely.

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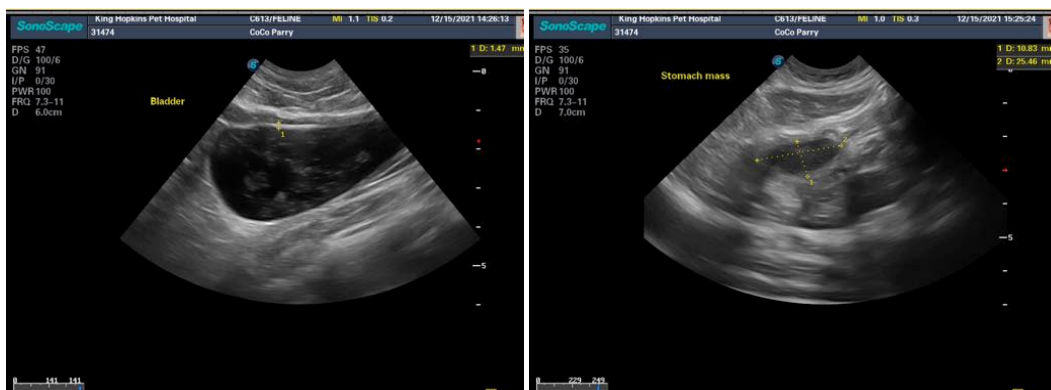
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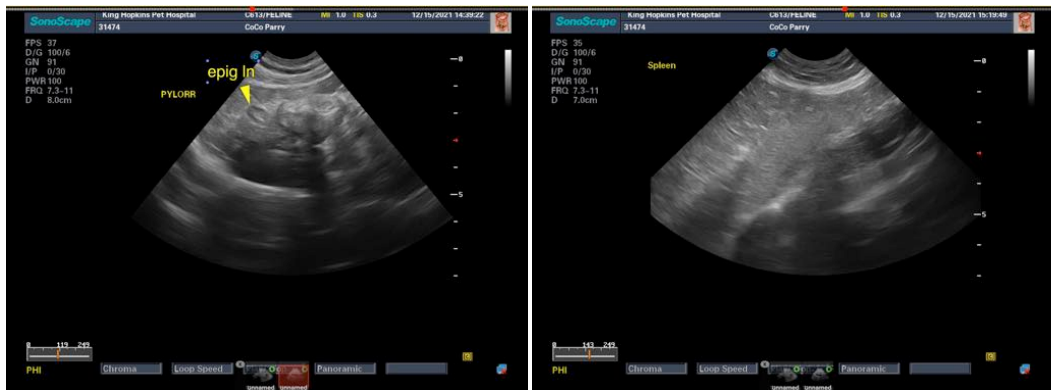
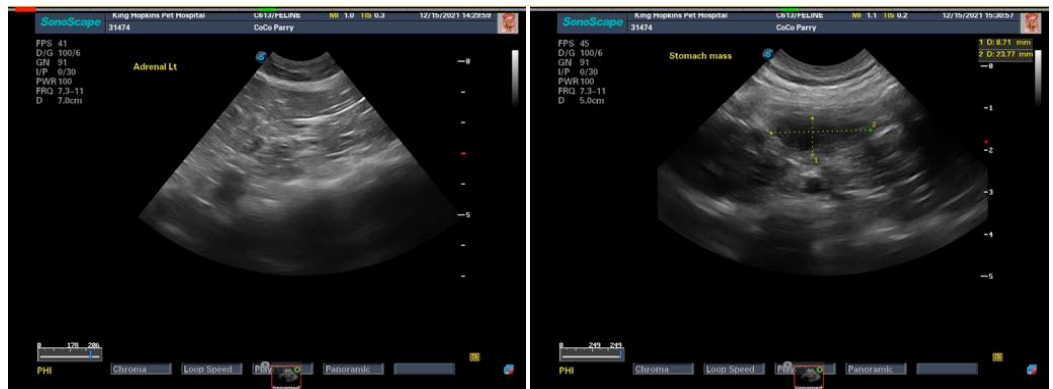
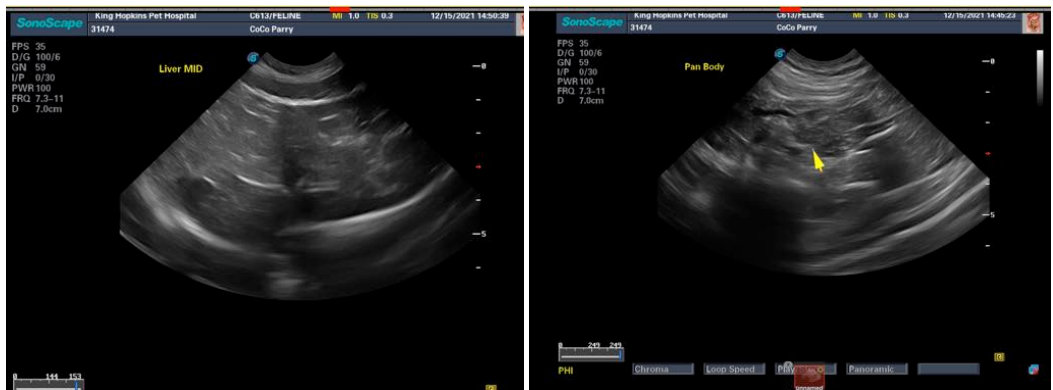
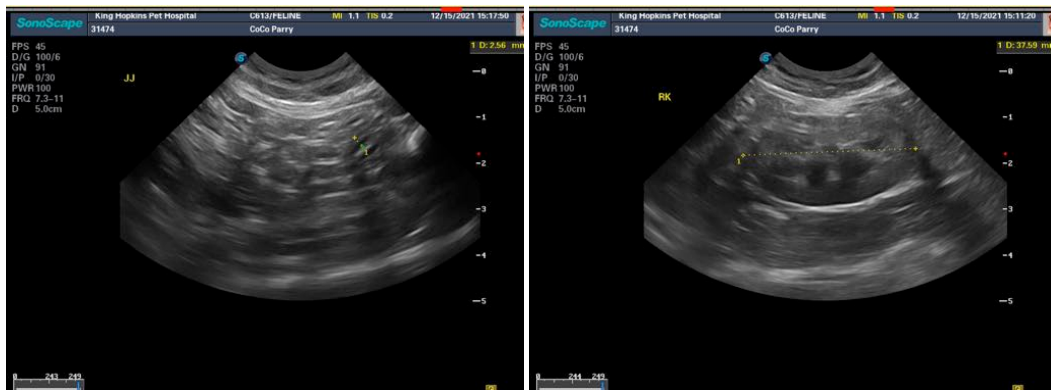
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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Feline

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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Domestic Shorthair

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

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