



PATIENT PRESENTING CLINICAL SIGNS

Cheddar Romano

History: Decreased appetite progressed to anorexia, weight loss, probably vomit. neutrophilia otherwise NR labwork.

SPECIES

Abnormal PE/Chem/CBC/UA Results: thin, muscle wasted, uncomfortable with cranial abdominal palpation possible solitary pulmonary nodule

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

5 years

WEIGHT

6.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Arms

HOSPITAL NAME

Gilbertsville VH

REFERRING VET

Dr. Arms

INVOICE

42574

DATE

2/6/23

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** are relatively normal in size and contour with echogenic remodeling. The left kidney measured 4.04 cm. The right kidney measured 2.45 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 0.46 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 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 tract** was deviated owing to the undifferentiated masses. The gastrointestinal tract was largely unremarkable, but appeared to be enveloped or involved in the mass formation. The colon appeared unremarkable.



PATIENT

Pancreas

Cheddar Romano

Multiple, mixed hypoechoic complex masses are noted in the area of the pancreas measuring up to 4.0 and 3.0 cm with peripheral inflammation. These are undifferentiated. Regional inflammation was noted.

SPECIES

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Free Abdomen

Regional, inflammation and ill-defined changes are noted throughout the cranial abdomen and mesentery. Regional lymph nodes were also enlarged.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed female

Undifferentiated cranial abdominal neoplasia, likely pancreatic and lymph node origin. Secondary inflammation.

Regional free fluid.

AGE

5 years

Gastrointestinal tract appeared enveloped by the mass formation.

WEIGHT

6.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This is not a surgical presentation. Some of the masses appeared to derived from the pancreas. Other masses appeared to be lymph node in origin. FNA of the masses are recommended. I recommend reassessing the age in this patient as the kidneys would be most consistent with a patient in the 8-10 year old range as would the pathology. However, 25-gauge FNA of the variable masses and chest radiographs are recommended to assess for staging purposes and to assess if chemo responsiveness is an option.

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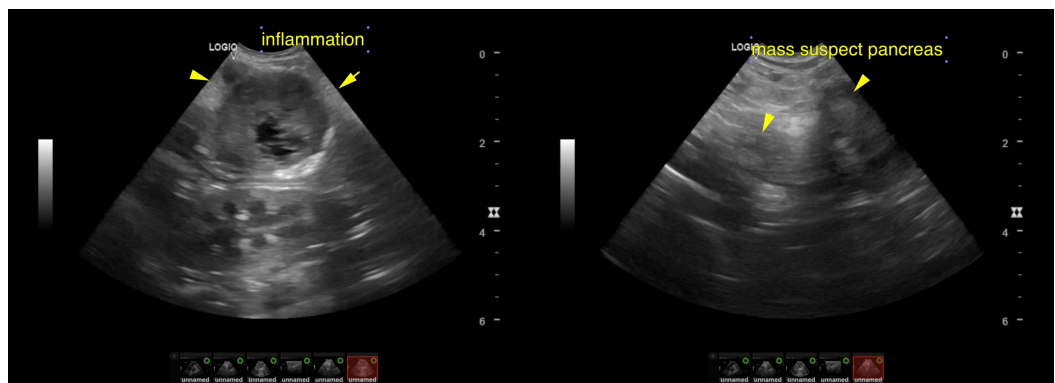
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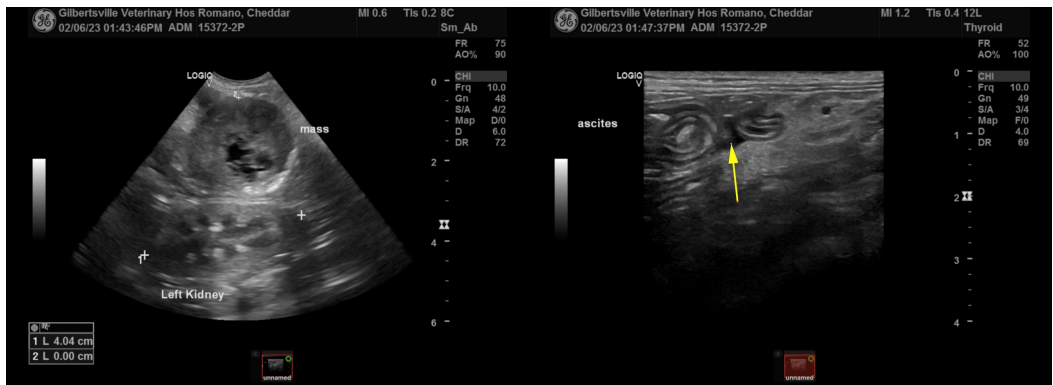
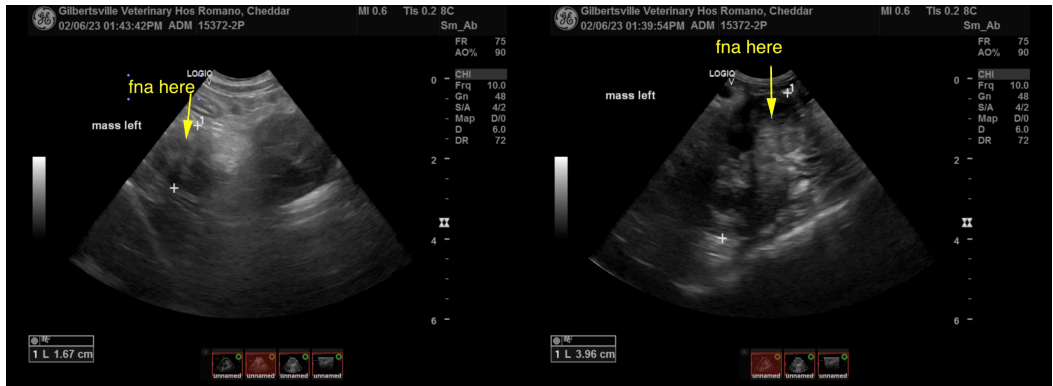
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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.

BREED

Domestic Shorthair

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

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