



PATIENT

Queen Modak

SPECIES

Canine

BREED

Chihuahua

SEX

Female

AGE

9 Years

WEIGHT

13.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sammy Burmeister

HOSPITAL NAME

Faith AC

REFERRING VET

Dr. Faith

INVOICE

14257

DATE

3/11/22

PRESENTING CLINICAL SIGNS

History: Patient presented for bloated appearance to belly. Vomited and had diarrhea 24 hours ago. Ate some this morning. Mini profile 6 months ago was normal except for Alk phos of 200. Owner not sure if drinking more. May have been exposed to rat poison in the house as it is present, but husband claims there is no chance the pet could have ingested it. Radiographs show a general loss of detail in abdomen. MM- white, pulses steady at this time. Owner not sure can afford to do surgery or emergency care but wants to be sure this isn't due to toxicity.

Abnormal PE/Chem/CBC/UA Results: Attached are the bloodwork results that were ran today in house.

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 were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight mineralization was noted. Both kidneys measured 4.0 cm each.

Adrenal Glands

The region of the **right adrenal gland** was unremarkable.

The **left adrenal gland** 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 0.5 cm.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** was riddled with multiple, expansive disruptive irregular masses in the left and right liver and caudate process. Secondary free fluid was noted owing to hemorrhage, paraneoplastic effusion or portal hypertension. Cavitation was noted in multiple masses. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **stomach** was filled with ingesta. The small intestine and colon were unremarkable.

Pancreas



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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.

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Free Abdomen

Free fluid was noted in the **abdomen**.

BREED

Chihuahua

ULTRASONOGRAPHIC FINDINGS

- Diffuse hepatic neoplasia with cavitation
- Free fluid
- Stomach ingesta
- Volume contracted spleen
- Age-related renal changes

SEX

Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

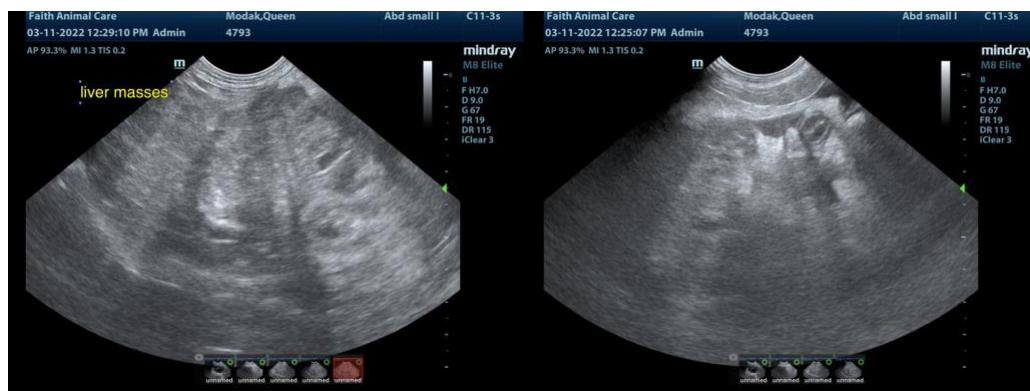
AGE

Prognosis is poor. Humane euthanasia should be considered in this patient.

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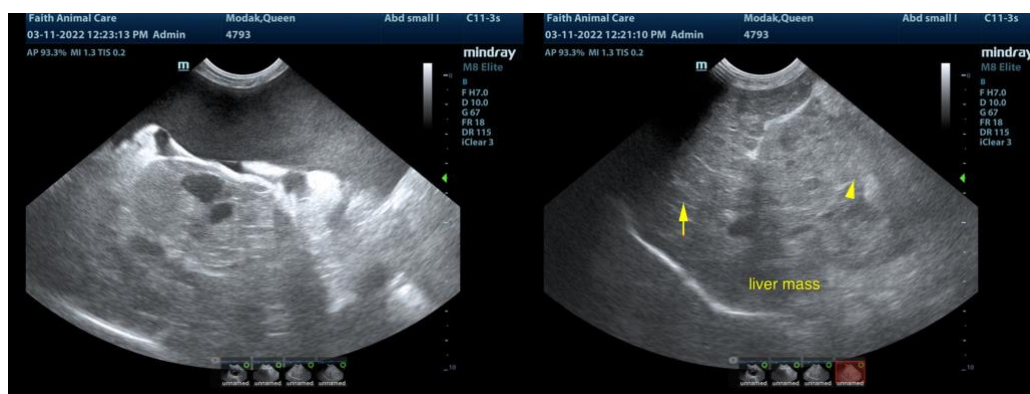


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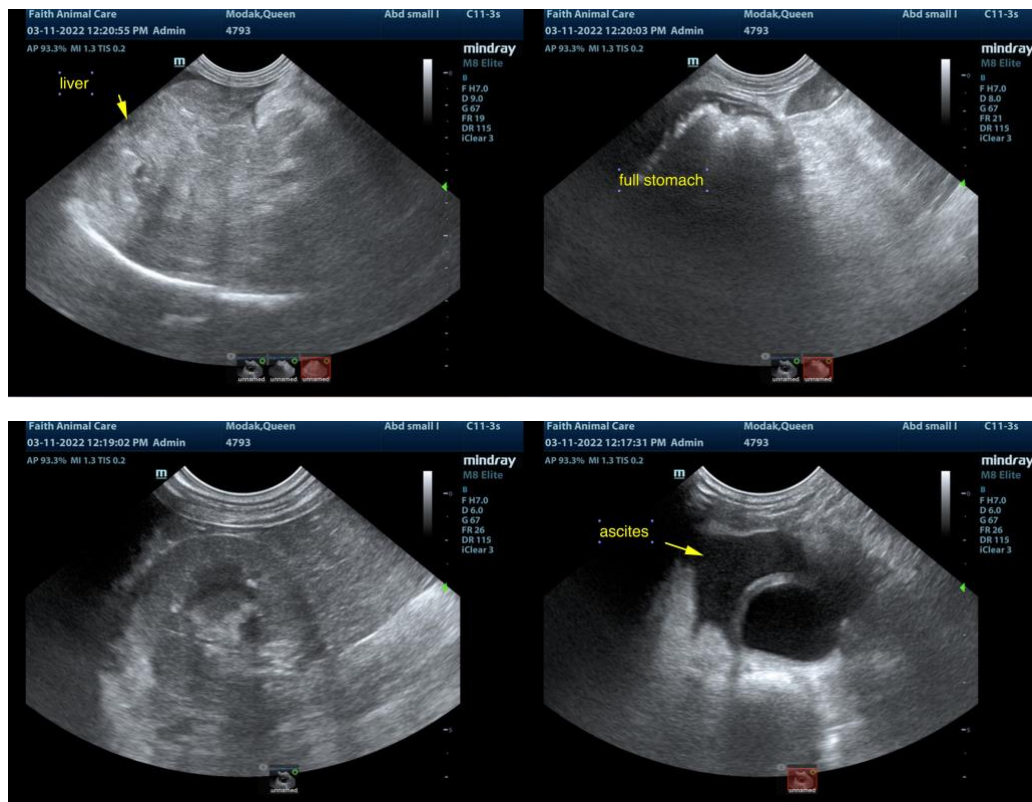
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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