



PATIENT

PRESENTING CLINICAL SIGNS

Koda Graham

History: Presented on ER yesterday 4/29 following being let out into the yard, owner heard a yelp and went out to find Koda collapsed.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: On arrival hypotensive, minimally responsive; frank blood and appearance of mucosal sloughing on rectal; r/o at that time HGE, anaphylaxis, toxin; IVF and pressor support, diphenhyd, dex sp, famotidine; good response to measures taken; labs showed elev ALT 500, ALKP 1300, mild elev lipase, mild anemia (not characterized); radiographs show cranial abd mass effect and rostral thoracic mass effect.

BREED

Chihweenie

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Neutered Male

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.

AGE

15 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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. Minor pyelectasia was noted in the right kidney. The right kidney measured 3.92 cm. The left kidney measured 5.02 cm. Polycystic cortical changes were noted in both kidneys.

WEIGHT

6.6 kg

INTERPRETED BY

Adrenal Glands

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.55 cm. The right adrenal gland measured 0.51 cm. The left adrenal gland measured 0.55 cm.

IMAGING PERFORMED BY

Dr. Callihan

Spleen

HOSPITAL NAME

Animal Emergency
Care

The **spleen** revealed a hypoechoic nodule in the mid body, measuring 0.69 cm with free fluid. Heterogeneous splenic changes were also present.

REFERRING VET

Dr. Drummond

Liver

Heterogeneous nodular changes were noted throughout the **liver**. A mixed hypoechoic left sided parenchymal mass was noted, deriving from the liver, measuring 6.1 cm. Other masses were noted in the right liver. The gallbladder was overdistended. Suspended striating bile noted, consistent with emerging mucocele.

INVOICE

14979

Gastrointestinal

DATE

4/30/22

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.



PATIENT

Pancreas

Koda Graham

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.

SPECIES

Canine

Free Abdomen

BREED

Chihweenie

A rapid view of the **heart** revealed concurrent mixed hypoechoic mass in the region of the right auricle, deriving from the lung, adjacent to the heart. The mass appeared to move separately from the heart itself.

SEX

Neutered Male

- Pedunculated left sided liver mass with multifocal nodular changes
- Splenic nodule
- Ascites
- Moderate chronic degenerative renal changes
- Hypoechoic mass in the region of the right auricle

AGE

15 Years

ULTRASONOGRAPHIC FINDINGS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

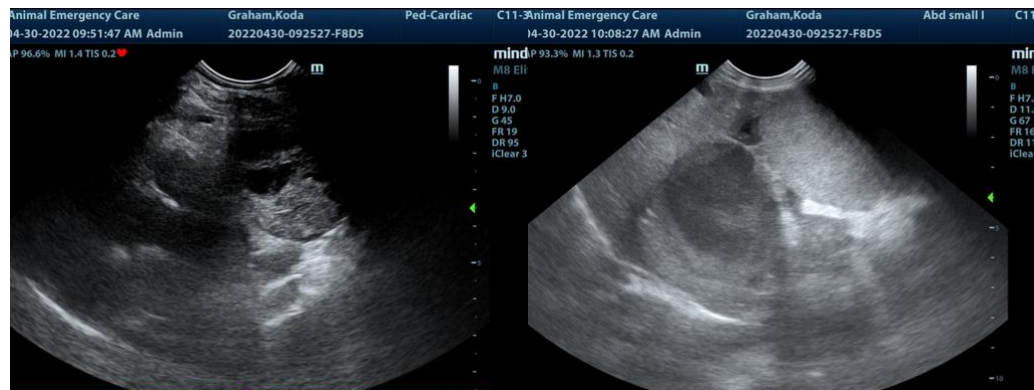
Multicentric neoplasia. Human euthanasia should be considered in this patient.

WEIGHT

6.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

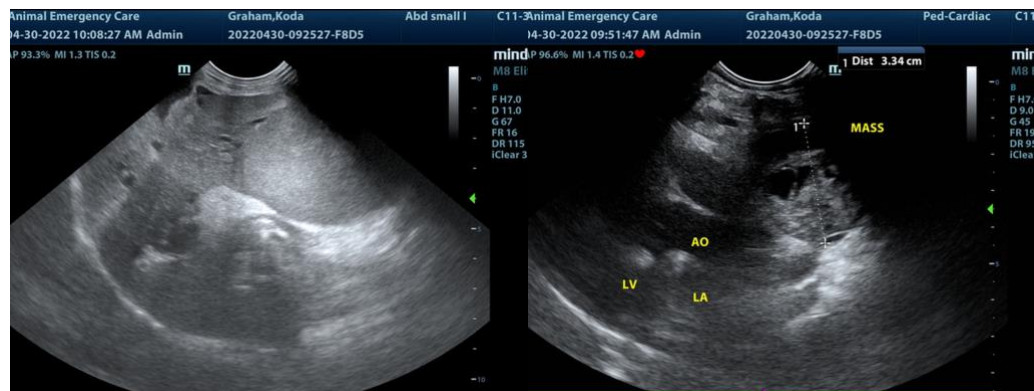


IMAGING PERFORMED BY

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Dr. Drummond

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SPECIES

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Chihweenie

SEX

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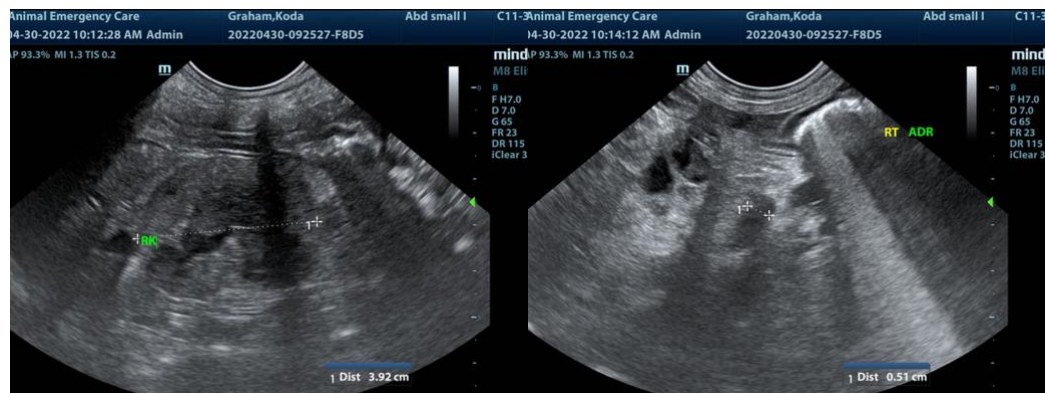
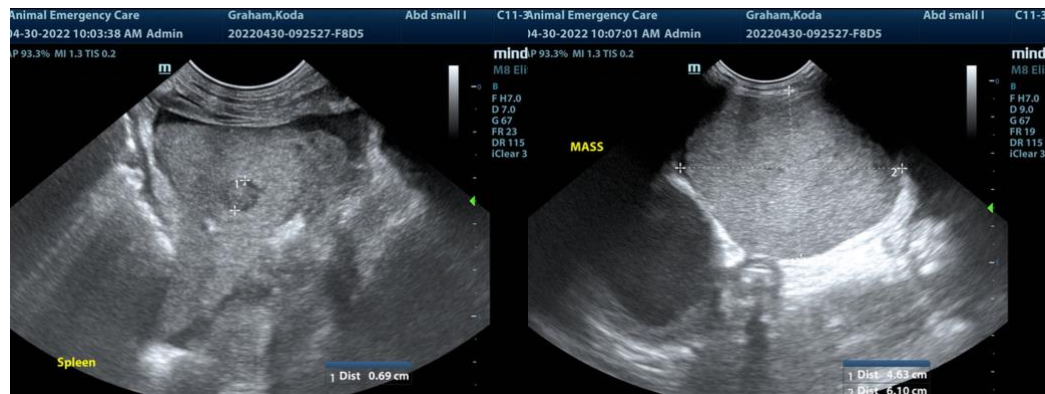
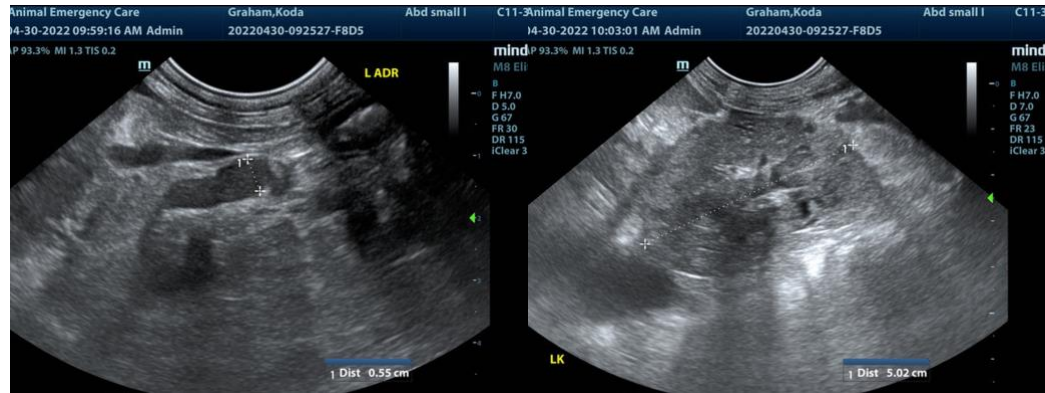
Dr. Drummond

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The information and recommendations provided are based on the images presented by the



PATIENT

Koda Graham

referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

Chihweenie

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

info@SonoPath.com

SEX

Neutered Male

AGE

15 Years

WEIGHT

6.6 kg

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