



PATIENT PRESENTING CLINICAL SIGNS

Mookie English History: Presented to another hospital for lethargy and weakness several days ago. They diagnosed a mid-abdominal mass on xray and recommended follow-up ultrasound. Chest xrays were clear of mets

SPECIES Abnormal PE/Chem/CBC/UA Results: HCT 36% on BW from last week, current BW still pending

Canine ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Cairn Terrier The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some mildly increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. A small cortical cyst was noted in the right kidney. No evidence of pelvic dilation was present. The left kidney measured 4.5 cm in length. The right kidney measured 4.2 cm in length.

AGE 13 years The area of the aortic trifurcation was free of pathology.

WEIGHT *Adrenal Glands*
15.75 No overt pathology in the area of the adrenal glands.

Spleen
A moderately expansive mass involving the spleen with secondary capsule expansion and disruption was present and measured approximately 7 cm in diameter. The parenchyma of the mass was nonhomogeneous to mixed echogenic without areas of cavitation. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road Animal
Hospital

REFERRING VET

Dr. Lutz

Liver
The liver exhibited potential for mild generalized enlargement and was subjectively normal in structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. A possible isoechoic caudal parenchymal nodule with minor associated caudal hepatic capsule distortion measuring approximately 2.5 cm in diameter was noted. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild debris. The cystic and common bile ducts were normal.

Gastrointestinal

INVOICE 10758ag The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

DATE

06/08/2022



PATIENT Normal visible colon wall layers were present with apparent formed feces in lumen.

Mookie English **Pancreas**

SPECIES The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

Canine

Free Abdomen

BREED No overt lymphadenopathy or peritoneal effusion was present.

Cairn Terrier

ULTRASONOGRAPHIC FINDINGS

SEX

- Nonhomogeneous moderately expansive splenic mass. The splenic mass is nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). Neoplastic criteria is met and suspected although not definitive.

FS

AGE

- Hepatic parenchyma remodeling with possible caudal parenchyma nodule
- Mild gallbladder debris
- Bilateral chronic renal changes expected for age

13 years

WEIGHT

15.75

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The potential for caudal hepatic parenchyma nodule is nonspecific including nodular to regenerative hyperplasia, hematopoiesis, lipogranuloma or similar however the potential for hepatic metastasis given the presence of the splenic mass cannot be excluded.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

There is no evidence of splenic mass rupture with secondary hemoabdomen or evidence of regional peri splenic omental seeding. No overt evidence of peri splenic or intra-abdominal lymphadenopathy. Three view chest radiographs and ideally brief sonographic assessment of the heart to rule out evidence of pericardial effusion is recommended. Laparotomy with splenectomy and gross inspection of the liver +/- hepatic biopsy could be considered. A guarded prognosis pending splenic +/- histopathology.

IMAGING

PERFORMED BY
Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road Animal
Hospital

REFERRING VET

Dr. Lutz

INVOICE

10758ag

DATE

06/08/2022



PATIENT

Mookie English

SPECIES

Canine

BREED

Cairn Terrier

SEX

FS

AGE

13 years

WEIGHT

15.75

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road Animal
Hospital

REFERRING VET

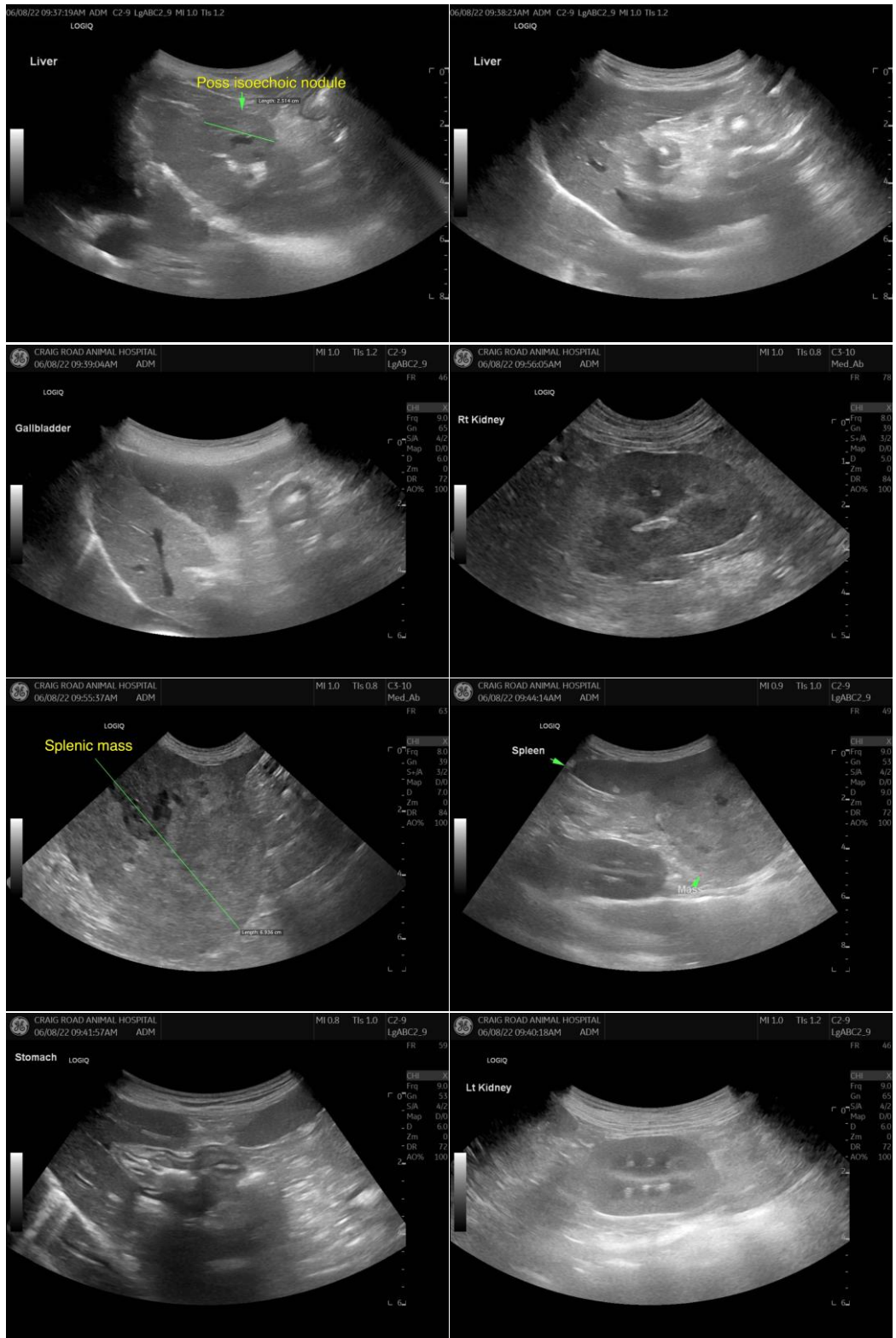
Dr. Lutz

INVOICE

10758ag

DATE

06/08/2022





PATIENT

Mookie English

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

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

BREED

Cairn Terrier

info@SonoPath.com

SEX

FS

AGE

13 years

WEIGHT

15.75

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**
Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road Animal
Hospital

REFERRING VET

Dr. Lutz

INVOICE

10758ag

DATE

06/08/2022