



**PATIENT PRESENTING CLINICAL SIGNS**

Roxy Morales History: Polypnea and vomiting.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: Elevated liver enzyme activity.

Pt bull terrier Radiographic Findings: Normal.

**SEX**

FS

**AGE**

15 years

**WEIGHT**

65.5 #

**INTERPRETED BY**

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**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Few small faint hypoechoic parenchymal nodules. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted. Incidental myelolipomas.

**Liver**

Normal size with a diffuse increase echogenic appearance, and some loss of portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

**Pancreas**

Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

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303122

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**IMAGING PERFORMED BY**

Dr Ukachi Ugorji, DVM

**HOSPITAL NAME**

Craig Road Animal  
Hospital

**REFERRING VET**

Dr Johnson



**PATIENT** *Free Abdomen*

Roxy Morales No mesenteric lymphadenomegaly.  
Small amount of ascites in the cranial abdomen.

**SPECIES** Focal irregular mottled echogenic mass possibly associated with an intestinal loop.  
Hyperechogenic appearance of the mesentery surrounding the mass.

Canine

**BREED** **ULTRASONOGRAPHIC FINDINGS**

Pt bull terrier

Primary Findings:

- Abdominal mass.
- Hepatopathy.
- Splenic pathology?
- Ascites.

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Secondary Findings:

- Age-related renal changes.

**WEIGHT**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The most likely etiology for the mass would be neoplasia, with granulomatous reaction a differential diagnosis

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Etiologies for the hepatopathy would be reactive, vacuolar, age-related, metabolic, early nodular regeneration, chronic hepatitis, and infiltrative neoplasia.

The most likely etiology for the spleen would be reactive hyperplasia with splenitis and neoplasia, less likely differential diagnoses.

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The ascites can be ascribed to the mass.

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Further assessment would be 3-view thoracic radiographs and FNA cytology of the mass, liver and spleen. Laparotomy should be considered as it could be both diagnostic and therapeutic

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Specific therapy would be dependent on an etiological diagnosis.

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**PATIENT IMAGES**

Roxy Morales

**Mass**

**SPECIES**

Canine

**BREED**

Pt bull terrier

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**PATIENT Spleen**

Roxy Morales

**SPECIES**

Canine

**BREED**

Pt bull terrier

**SEX**

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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.

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