



**PATIENT**

Mittens Lamanna

**PRESENTING CLINICAL SIGNS**

abdominal growth, as was determined by Ritson vet. - radiographs taken @ Ritson Vet (closed @ this time) - patient up to date on vaccines

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

DSH

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.

**SEX**

Spayed Female

The **kidneys** presented mild irregular contour with corticomedullary mineralization. Slight cortical irregularity. The kidneys may be involved in a neoplastic process. The right kidney measured 3.47 cm. The left kidney measured 3.86 cm.

**AGE**

10 Years

**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 0.24 cm.

**WEIGHT**

3.88 kg

**Spleen**

The **spleen** revealed a mixed hypoechoic 1.1 cm target type nodule at the mid caudal body. Minor splenic enlargement noted with minor heterogeneous changes elsewhere.

**INTERPRETED BY**

Eric Lindquist, DMV

**Liver**

The **liver** presented slight coarse architecture and minor increased portal markings. The gallbladder and common bile duct were unremarkable.

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

JSS

**Gastrointestinal**

The **stomach** itself was unremarkable. An undifferentiated 4.0 cm x 3.0 cm heterogeneous, hypoechoic mass was noted in the mid abdomen with regional enlarged and irregular lymph nodes. The mass appeared to be deriving from the intestine. Reactive surrounding mesentery noted. Variable gastrointestinal thickening noted elsewhere.

**HOSPITAL NAME**

King Hopkins PH

**Pancreas**

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.

**REFERRING VET**

Dr. Sasha Black

**Free Abdomen**

**INVOICE**

42293

A sublumbar lymph node was enlarged at 2.0 cm, rounded and hypoechoic.

**ULTRASONOGRAPHIC FINDINGS**

- Mid abdominal mass, intestinal or lymph node origin, with splenic and potential hepatic involvement, possibly early renal involvement, and sublumbar lymph node involvement.

**DATE**

10/23/22



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA of the intestinal mass and lymph nodes recommended. Round cell neoplasia/lymphoma likely. Granulomatous disease less likely. FNA and immediate chemotherapeutic intervention recommended.

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**REFERRING VET**

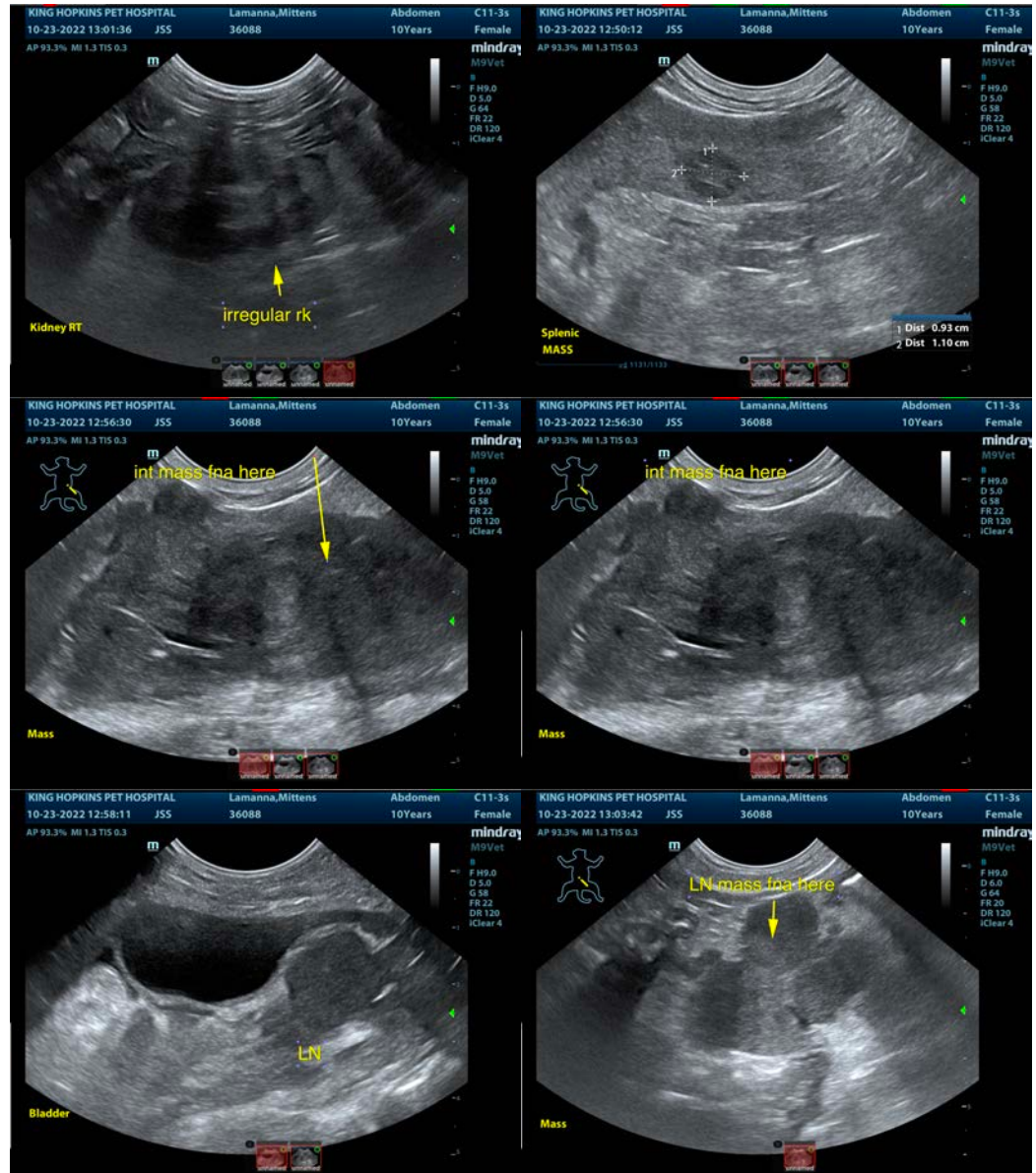
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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