



**PATIENT**

Nova Walsh

**SPECIES**

Canine

**BREED**

Bulldog

**SEX**

Spayed Female

**AGE**

4

**WEIGHT**

41

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

45334

**DATE**

2/17/23

**PRESENTING CLINICAL SIGNS**

Recheck abd, prev u/s on 2/10 showed undifferentiated mass in mid abd with sublumbar hematoma, poss L adrenal origin of mass, chronic renal changes.

**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** presented persistent interstitial nephrosis pattern with pyelectasia. Hyperechoic medullary rim sign noted. The right kidney measured 5.97 cm. The left kidney measured 7.03 cm.

**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 right adrenal gland measured 2.26 cm x 0.64 cm at the caudal pole and 0.92 cm at the cranial pole. The left adrenal gland measured 2.05 cm x 0.71 cm at the caudal pole and 0.70 cm at the cranial pole.

**Spleen**

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

**Liver**

The **liver** presented mild increased portal markings. The gallbladder was unremarkable other than a minor amount of dependent debris. Trace amounts of free fluid noted between the liver lobes.

**Gastrointestinal**

The **stomach** revealed fluid filled lumen. The small intestine and colon were unremarkable.

**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.

**Free Abdomen**

The mass noted on the prior sonogram is persistently present in the caudal abdomen/sublumbar space with regional inflammation. It appears to be somewhat more organized than on the prior sonogram. The mass or cystic structure measured approximately 5.0 cm.

**ULTRASONOGRAPHIC FINDINGS**

- More organized sublumbar mass
- Interstitial nephrosis renal pattern
- Volume contracted spleen
- Minor gallbladder debris
- Fluid filled gastric lumen



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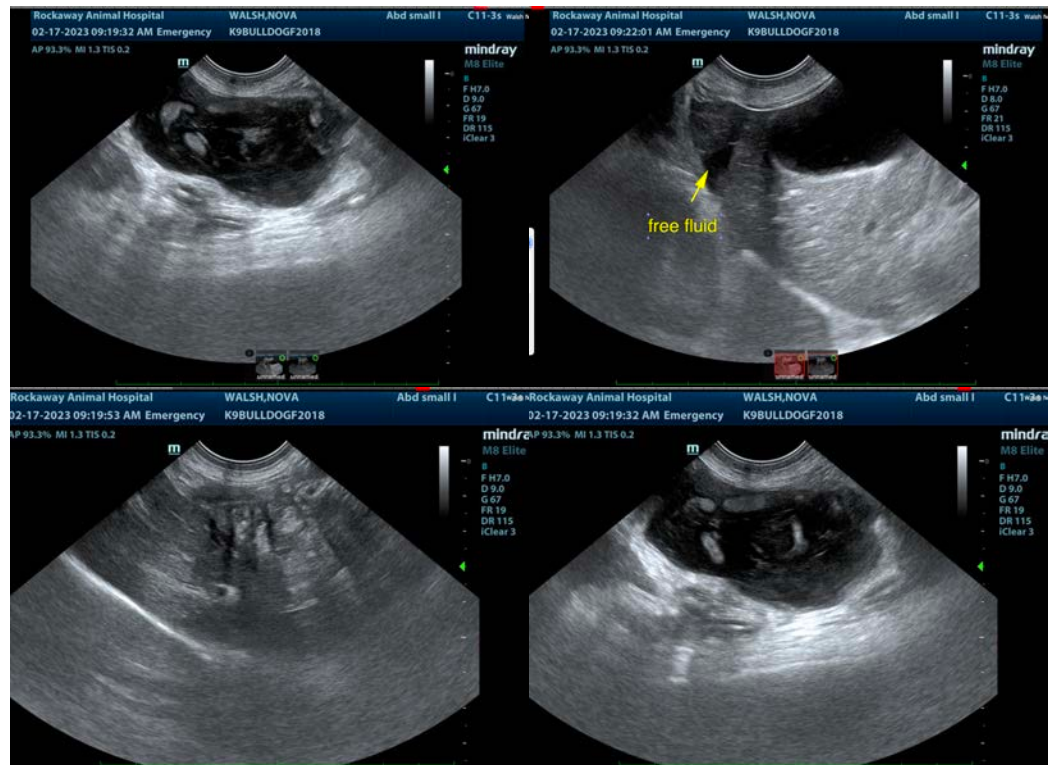
2/17/23

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Abdominal CT recommended to assess for potential surgical planning. However, the exact origin of the mass could not be found. The mass does not appear to derive from adrenal gland, as both adrenal glands appeared well defined.

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at

<https://sonopath.com/services/sonopath-ct-services>





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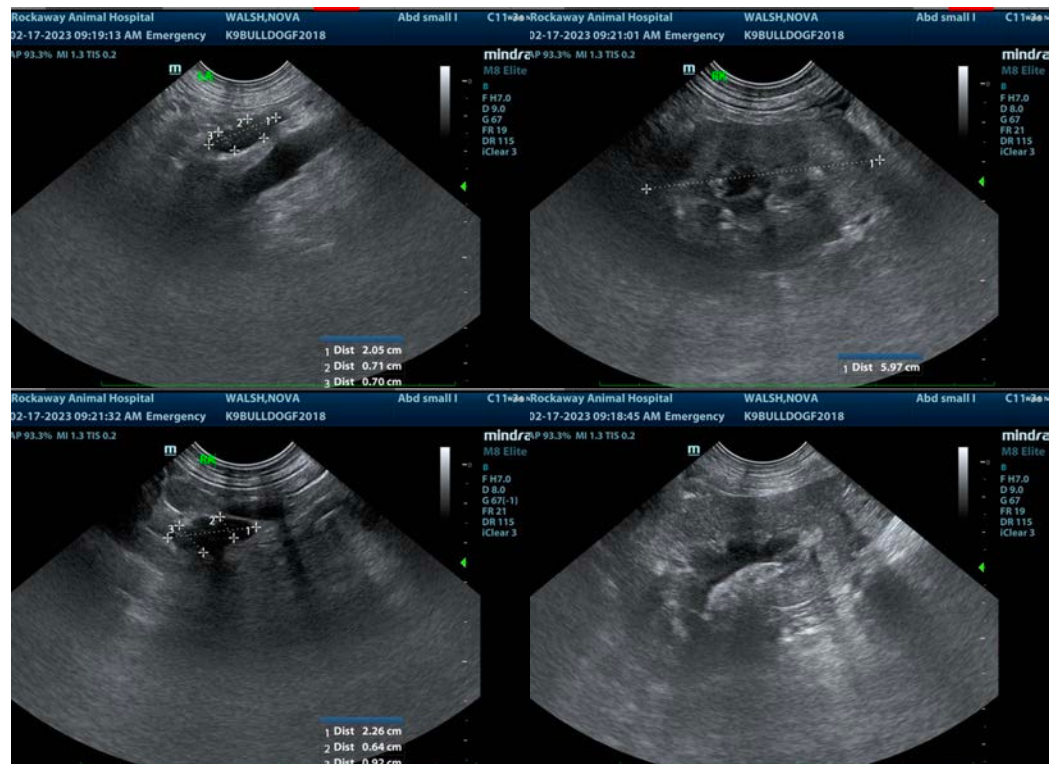
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

[info@SonoPath.com](mailto:info@SonoPath.com)