



## PATIENT

Happy Austin

## SPECIES

Canine

## BREED

Jack Russel Mix

## SEX

Spayed Female

## AGE

9 ½ years

## WEIGHT

35.6 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Aaron Lucas, DVM,  
PhD

## HOSPITAL NAME

Taylorsville VC

## REFERRING VET

Dr. Lucas

## INVOICE

70239

## DATE

1/16/26

## PRESENTING CLINICAL SIGNS

History: Mass on right ventral throat latch that was suspected to be lipoma until mass ruptured and became severely inflamed on 7/25/25. Mass was drained and flushed and patient responded to oral antibiotics and short course of prednisone. Mass is currently 2 cm x 2 cm, subcutaneous and caudal to angle of mandible. Salivary gland association is suspected Patient has a history of chronically elevated ALP

Mass on right throatlatch Elevated ALP (351 on 3/25, 1696 on 8/28 and 414 on 1/6)

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.0 cm. The left kidney measured 5.2 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 left adrenal gland measured 0.6 cm. The right adrenal measured 0.67 cm at the cranial pole and 0.55 cm at the caudal pole.

### Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

### Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



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infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

## Gastrointestinal

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.

## 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.

## Cervical Region

The right cervical region revealed normal thyroid tissue and salivary tissue. The trachea and esophagus were unremarkable. An anechoic cyst was noted and appeared to potentially involving the salivary gland. However, the exact origin cannot be ascertained.

The left thyroid, parathyroid and regional tissues were all unremarkable. The largest parathyroid on the left side noted measured 1.57 cm. The left throat revealed a 1.5 x 3.8 + cm echogenic cyst. Bilateral cystic changes, appear to be fluid filled. Ultrasound-guided drainage of both lesions are indicated. I cannot link the lesions to thyroid tissue. These are likely salivary in origin or potentially owing to external penetrating foreign matter. However, are most likely sialocysts or the origin.

## ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

Age related hepatic changes.

Bilateral cystic changes in the salivary region, most likely sialocysts, potential penetrating foreign matter.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant abdominal disease.

Ultrasound guided drainage of the sialocysts and/or cervical CT would be ideal for surgical planning and removal. Culture and cytology after cytopsin of the fluid is indicated for definitive diagnosis and assessment of bacterial involvement.



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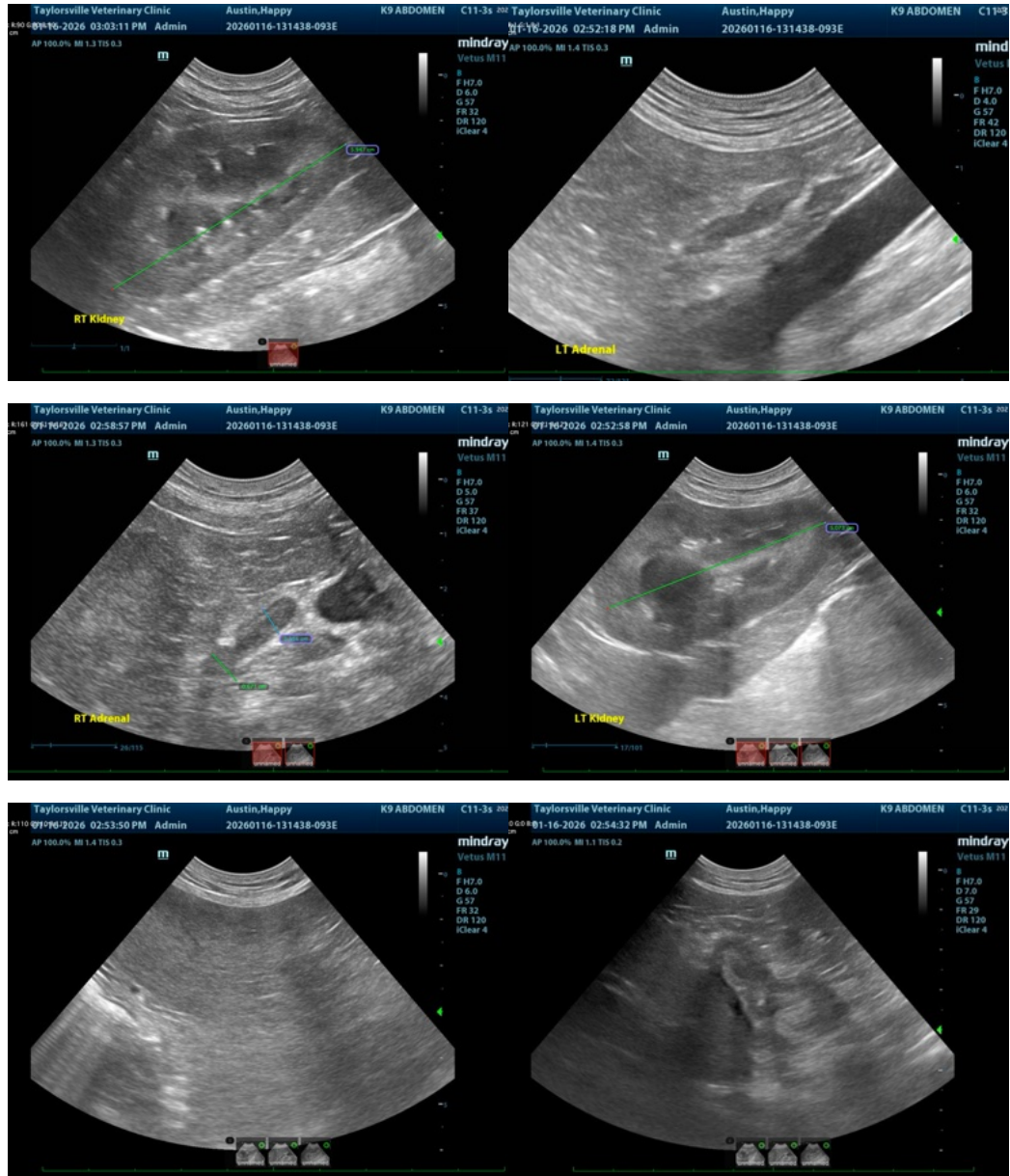
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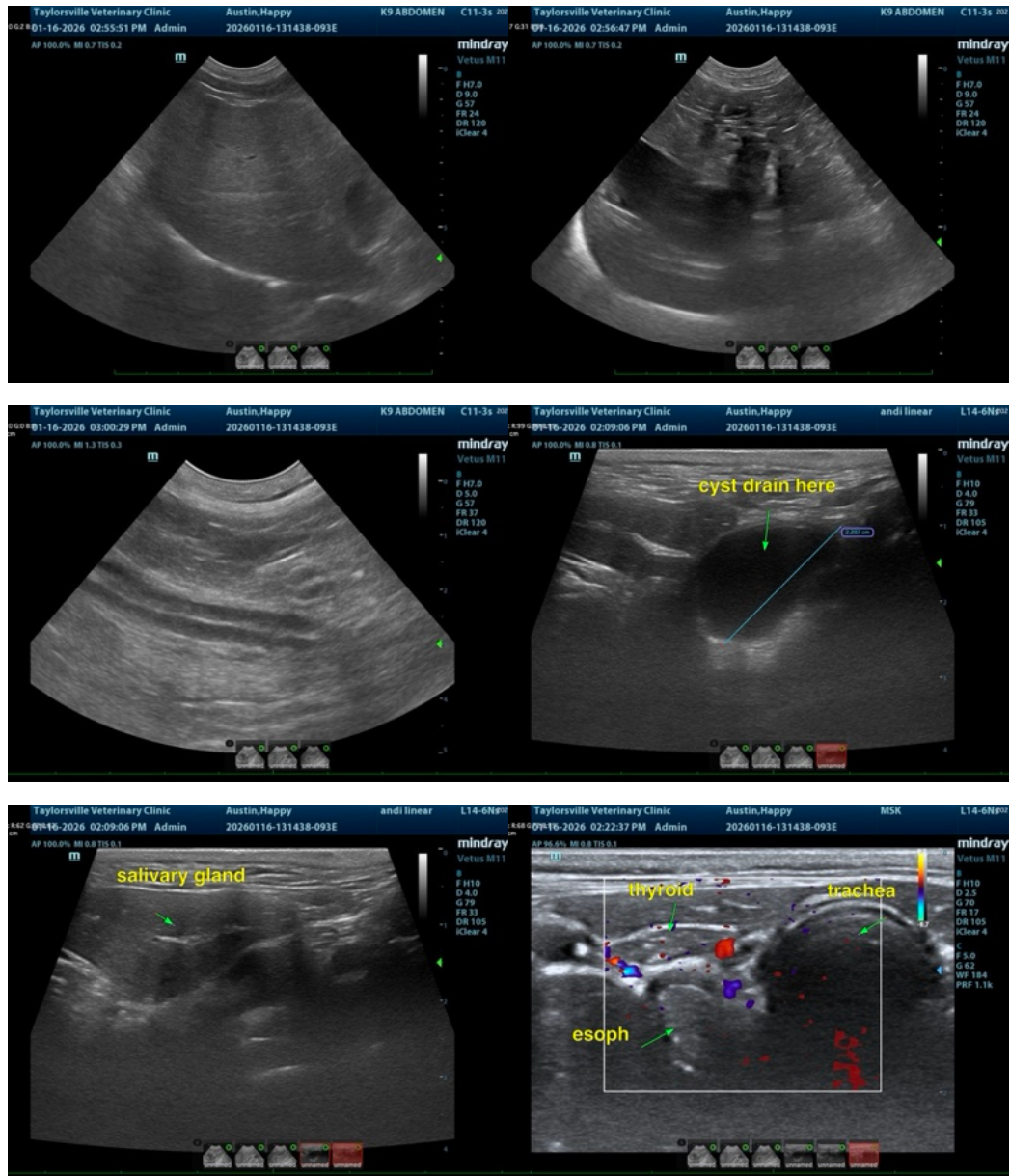
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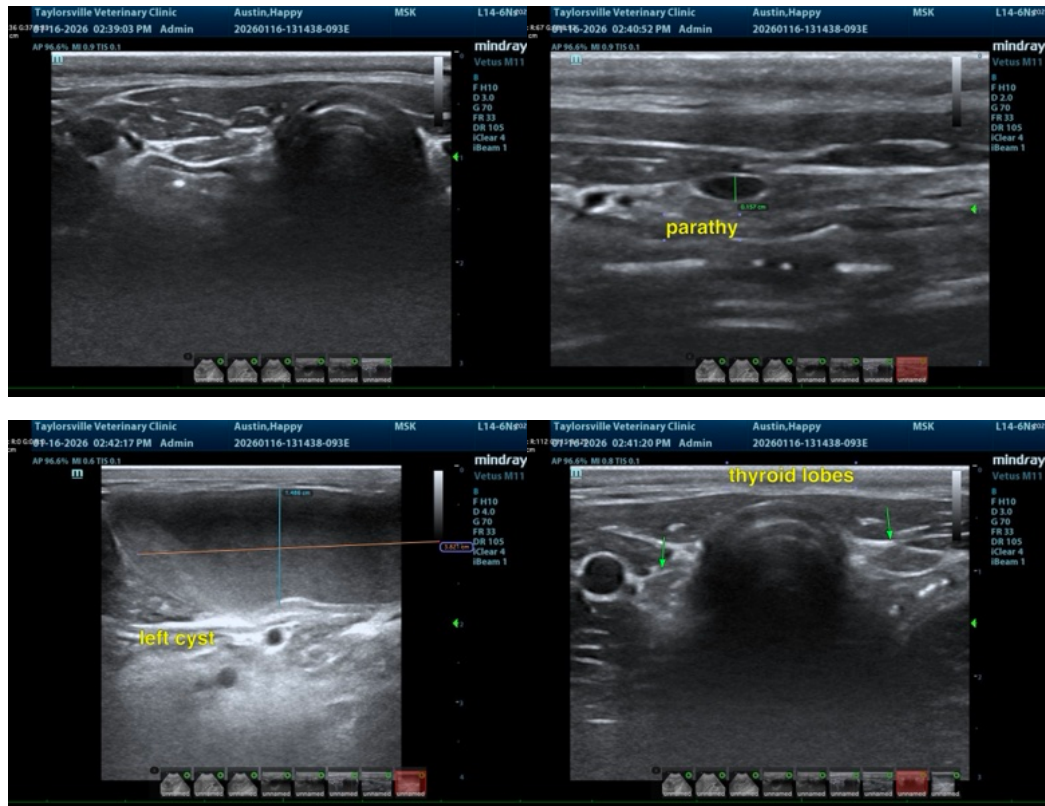
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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