

## PATIENT

Moo Moo Leddy

## SPECIES

Canine

## BREED

Chihuahua mix

## SEX

Spayed female

## AGE

12 years

## WEIGHT

13.3 lbs

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Jenna Walsh, CVT

## HOSPITAL NAME

Albany AH

## REFERRING VET

Dr. Spangler

## DATE

7/31/23

## Invoice

76321

## PRESENTING CLINICAL SIGNS

History: Large ~7cm firm SQ mass right submandibular region. FNA did not yield any fluid. No improvement with clavacillin. Has been going on for about 2 months Current Medications Carprofen 12.5mg q12h, Benazapril, Proin ER Radiographic Findings N/A Primary Question/Differential to Be Answered in This Exam Better assess submandibular mass - possibly re-FNA Cytology of mass - marked pyogranulomatous inflammation. No obvious microorganisms appreciated. Mostly nondegenerate neutrophils and streaming nuclear debris. Rare reactive lymphoid cells.

## ULTRASONOGRAPHIC EXAMINATION OF THE THYROID

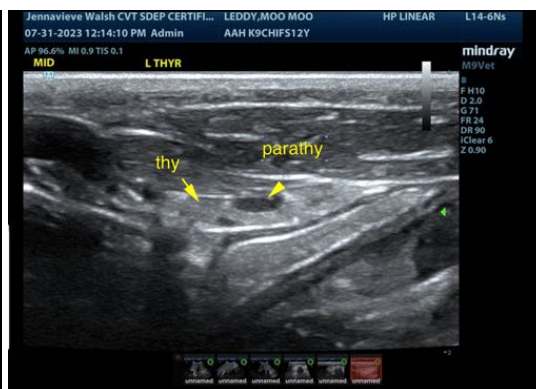
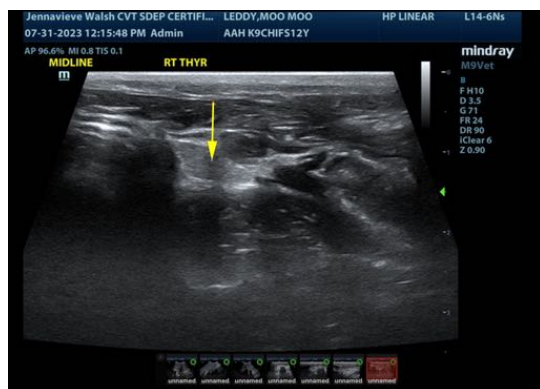
Both thyroid lobes were imaged in this patient and appeared to be normal. The parathyroids are recognized. The esophagus appeared unremarkable. An undifferentiated 5.0 + cm mineralizing mass was noted in this patient. The submandibular region appeared to be deriving from the larynx. Mineralization would suggest chondrosarcoma. However, CT evaluation would be best to assess. This is potentially resectable.

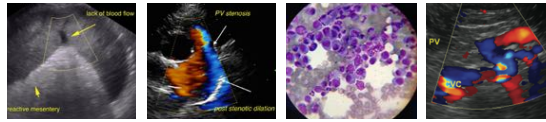
## ULTRASONOGRAPHIC FINDINGS

Mass, suspect deriving from the larynx, mineralized. Chondrosarcoma or similar, potential for ectopic thyroid tissue.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT is important for surgical evaluation. I cannot rule out ectopic thyroid origin; however, the degree of mineralization of the mass would suggest chondrosarcoma or similar bone/connective tissue tumor. The thyroid lobes do not appear overtly involved or connected to the mass. CT evaluation is warranted. 25-gauge FNA of the mass in the region is indicated. Chest CT or radiographs as well as abdominal sonogram would all be ideal in order to assess for metastatic disease. This mass meets neoplastic criteria. The mineralization is suggestive of either chondrosarcoma or possibly carcinoma possibly of ectopic thyroid tissue, yet does not appear to be connected to the thyroid lobes.





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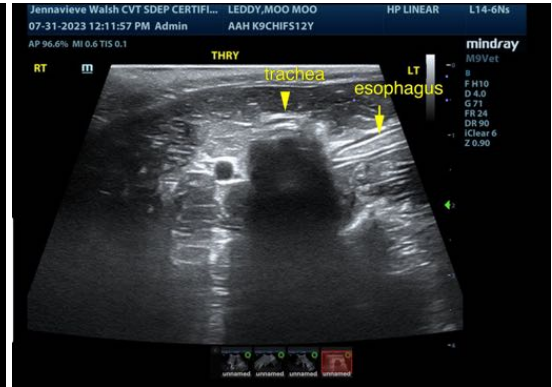
Dr. Spangler

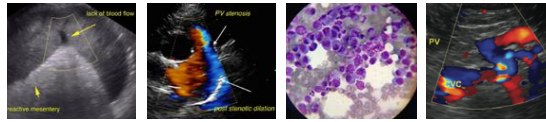
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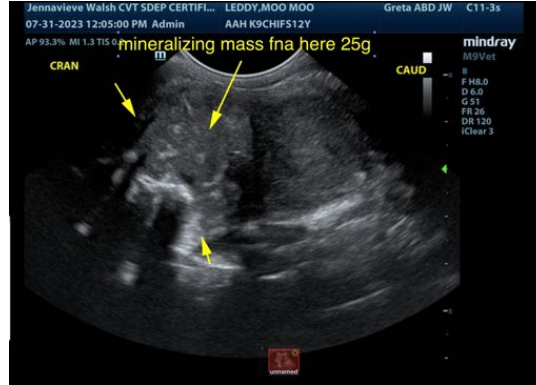
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**

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info@SonoPath.com

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