



**PATIENT**

Buttons Vignola

**SPECIES**

Canine

**BREED**

Shih Poo

**SEX**

Neutered male

**AGE**

11 years

**WEIGHT**

22 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Marti Williams

**HOSPITAL NAME**

Limestone VH

**REFERRING VET**

Marti Williams

**INVOICE**

31879

**DATE**

7/21/22

**PRESENTING CLINICAL SIGNS**

History: Thyroid region scan submitted. Increasing hypercalcemia. History of bladder stones. Dog has a perianal tumor. Today's abdominal ultrasound scan (not submitted) - renal pelvis mineralization, bladder and proximal urethral stones and grit. Adrenals NSF  
Abnormal PE/Chem/CBC/UA Results: SAP 584, ALT 35, Calc 12.6, Mg 1.4, TG 354, T4 1.5. CBC NSF, USG 1.019, WBC 4-10, FT4 7.7 Ionized calcium high at 1.56, PTH highish normal at 9.2 - rule out parathyroid tumor.

**ULTRASONOGRAPHIC EXAMINATION OF THE THYROID**

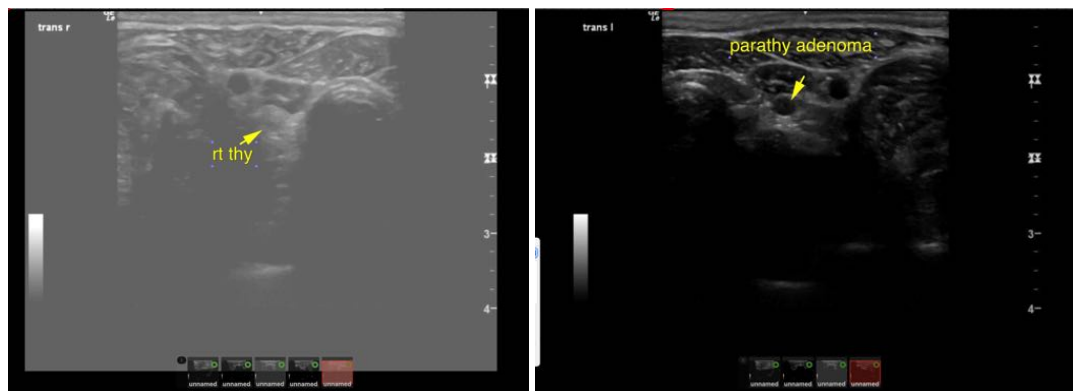
The first image in this patient revealed a left thyroid lobe of approximately 0.8 cm wide with a 0.5 cm, hypoechoic, cranial parathyroid adenomatous type lesion with capsular expansion. The images were not marked right or left. However, the lesion was reproduced on the cranial aspect of the left thyroid lobe on short axis imaging. Cross section views revealed normal esophagus, trachea and carotids. The visible thyroid tissue was unremarkable.

**ULTRASONOGRAPHIC FINDINGS**

Left cranial parathyroid adenoma; however, which side of the lesion needs to be confirmed by the sonographer.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The focal lesion in the first video clip is strongly consistent with parathyroid adenoma. Short axis images were somewhat dark.





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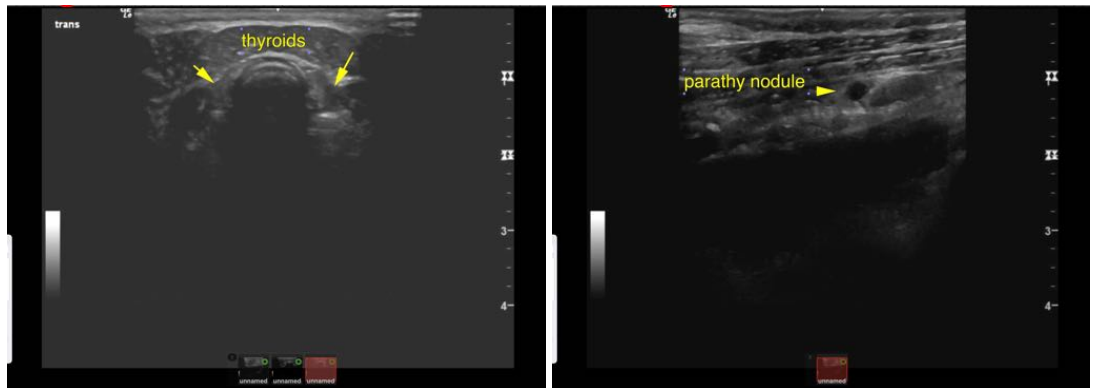
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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