



## PATIENT

Bella Brown

## SPECIES

Canine

## BREED

French Bulldog Cross

## SEX

Female

## AGE

5Y

## WEIGHT

9.5

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDP

## IMAGING PERFORMED BY

JM

## HOSPITAL NAME

Animal Trust - Bolton

## REFERRING VET

Animal Trust

## INVOICE

73853

## DATE

2-20-26

## PRESENTING CLINICAL SIGNS

O noticed tumour on RHS neck, FNA most likely thyroid carcinoma, losing weight, CT to check metastasis and location of tumour

## COMPUTED TOMOGRAPHY OF THE SKULL, NECK AND THORAX

A high resolution pre- and post-contrast CT study of the skull, neck and thorax is provided for review.

## COMPUTED TOMOGRAPHIC FINDINGS

### Skull & Neck

Multiple teeth are absent.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

The right tympanic bulla contains a small amount of soft tissue attenuating material. The external ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

The right medial retropharyngeal lymph node presents an intraparenchymal, ovoid shaped, mild irregular contrast enhancing and heterogeneous strong contrast enhancing mass, measuring 5.5 x 3.7 x 3.9 cm.

Originating from the right thyroid mass, an ill-defined, spindle shaped, mild irregular soft tissue attenuating and heterogeneous strong contrast enhancing mass is seen, measuring 3.5 x 2.5 x 7.0 cm. The right thyroid soft tissue mass is merging with the medial anatomical structures – including the trachea and esophagus.

### Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

Throughout the lung parenchyma, well-defined, canon-ball like soft tissue attenuating lesions are appreciated, measuring up to 2.9 cm.

Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

In the pictured cranial parts of the abdomen, throughout the hepatic parenchyma, multiple soft tissue attenuating nodules with a mild irregular contrast enhancement pattern are seen – partially protruding beyond the hepatic surface.



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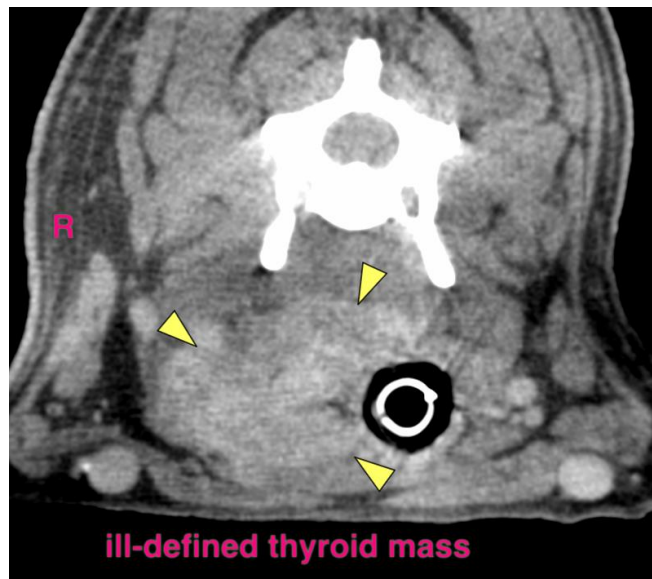
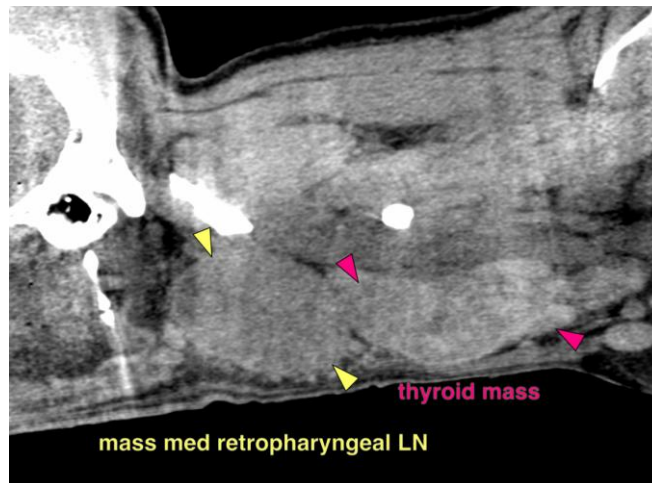
2-20-26

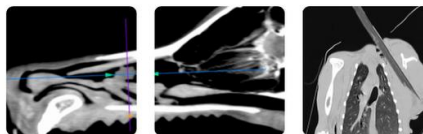
## COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of right sided thyroid carcinoma presenting local invasive growth
- Soft tissue mass right medial retropharyngeal lymph node
- Structured nodular interstitial lung pattern
- Multiple hepatic soft tissue nodules
- Right sided otitis media
- Dystrophic mineralization external ear canals
- Multiple absent teeth

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history of right thyroid carcinoma with metastatic spread to the regional medial retropharyngeal lymph node, lung and possibly the liver. A differential for the hepatic lesions is a second entity, such as regeneration nodules or primary hepatic neoplasia (e.g. hepatocellular carcinoma/adenoma).





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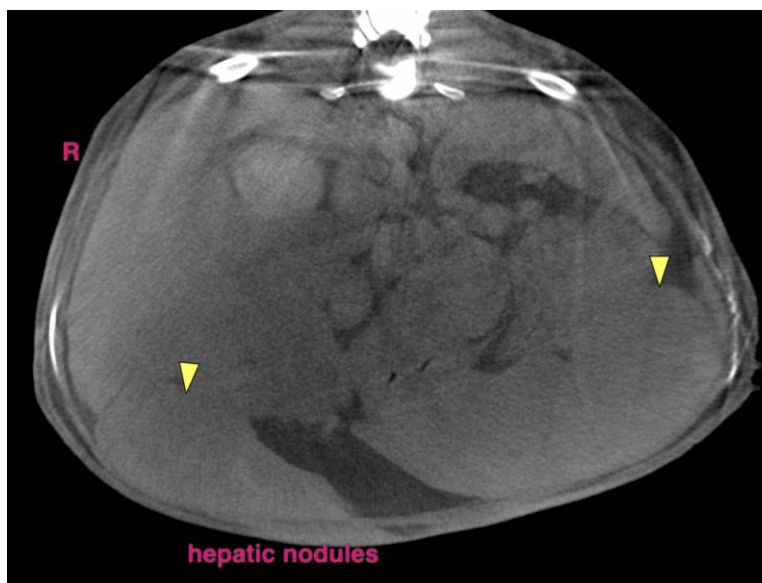
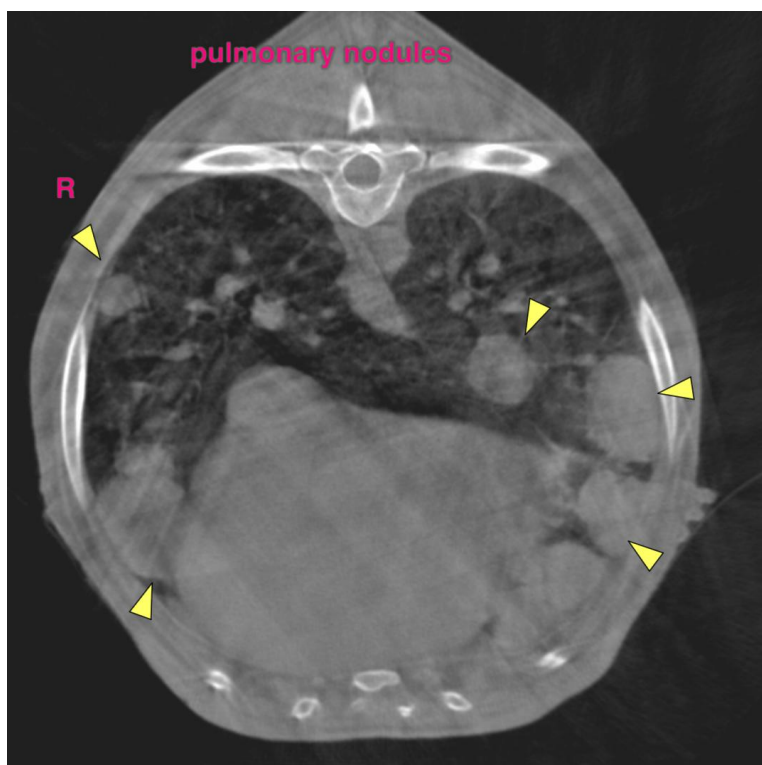
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)