



PATIENT PRESENTING CLINICAL SIGNS

Benji Tsipen Mass on thyroid lipoma on chest History of Present Illness (HPI)

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Bichon Frise Triadan 402 presents a moderate widening of the periodontal space.

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

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

MN

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

AGE 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.

9 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

HOSPITAL NAME

Animal Surgical
Center

Between the trachea and the left common carotid artery, a well-defined, ovoid shaped, uniform soft tissue attenuating and heterogeneous contrast enhancing mass measuring 2.1 x 1.9 x 2.6 cm in size. The left common carotid artery is displaced laterally and dorsally by the mass effect.

The right thyroid gland is within normal limits for size, shape and organ architecture.

Moderate dorsoventral flattening of the cervical tracheal segment is appreciated.

REFERRING VET Thorax

Noah's Ark Veterinary
Practice

The bony and surrounding soft tissue structures are within normal limits. Both front limbs are aligned along the lateral thoracic wall.

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.

INVOICE

54703

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

DATE

10-19-22



PATIENT

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Compression atelectasis of the right cranial lung lobe is noted. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

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

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left thyroid soft tissue mass without signs of vascular invasion
- Tracheal collapse
- Periodontal disease 402
- Compression atelectasis right cranial lung lobe – likely secondary to general anesthesia
- No evidence of pulmonary metastatic disease

BREED

Bichon Frise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

MN

The mass at the left lateral aspect of the trachea is compatible with primary neoplasia originating from the left thyroid gland – the top differential is (non)functional thyroid carcinoma. FNA sampling of the mass can be performed to confirm the diagnosis. Complete surgical excision of the mass is considered feasible.

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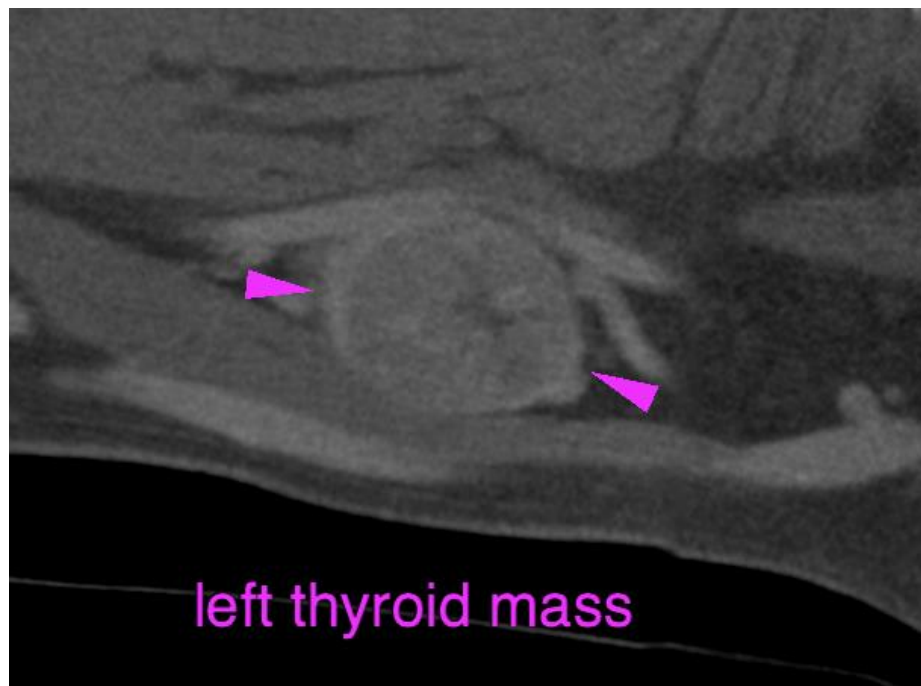
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SPECIES

Canine

BREED

Bichon Frise

SEX

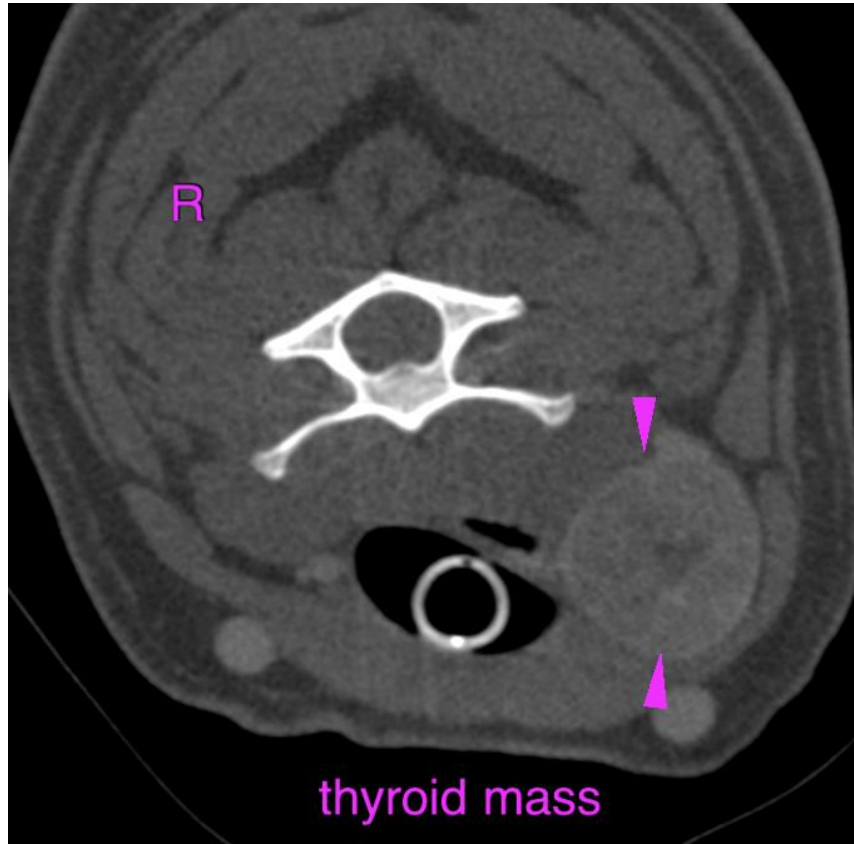
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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