



PATIENT

Scruffy Scribner

PRESENTING CLINICAL SIGNS

Right cervical mass. Cytology epithelial neoplasia.
Abnormal PE/Chem/CBC/UA Results: Leukocytosis, elevated liver enzymes

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

BREED

Terrier Mix

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Triadan 106, 305, 311 and 411 are absent. The crown of triadan 102 is absent. Triadan 101 and 102 present a significant periapical widening of the periodontal space. Mineralized material is attached to the crowns of the maxillary premolar and molar teeth. Triadan 308 and 406 present advanced resorptive lesions. The periodontal space of the mesial root of triadan 309 is moderately widened.

SEX

Neutered Male

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

AGE

11 Years

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

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

CARE Survery Center

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.

REFERRING VET

Bleakley

Along the right lateral aspect of the trachea, extending from the right retropharyngeal region caudally up to the level of C4, an amorphous, ill-defined, uniform soft tissue attenuating and heterogeneous significant contrast enhancing mass is seen. The cranial aspect of the mass in the right retropharyngeal region, a roundish bulging of is seen presenting ring-like contrast enhancement pattern with a fluid attenuating center and measuring 3.5 cm in diameter. The margins of the amorphous mass are confluent with the tracheal and esophageal wall at the same level and the mass merges with the left aspect of the larynx. The right medial retropharyngeal lymph node is deviated medially. Multiple tortuous vessels are seen at the cranial and caudal aspect of the mass and the dilated right internal jugular vein presents intraluminal filling defects at the caudal aspect of the mass.

INVOICE

57022

Thorax

DATE

3-1-23

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.



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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.

The lung parenchyma presents the expected architecture and attenuation behavior.

SPECIES

Canine

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

The included liver presents with multiple ovoidal shaped, well-defined fluid attenuating lesions.

BREED

Terrier Mix

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Local invasive growing soft tissue mass along the right aspect of the neck with a large cavitory lesion cranially and signs of vascular invasion/tumorthrombus formation
- Hepatic cysts
- Dental resorptive lesions 308 & 406
- Periodontal disease 101, 102 and 309
- Dental tartar
- Multiple absent teeth
- No evidence of pulmonary metastatic disease

SEX

Neutered Male

AGE

11 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass along the right aspect of the tracheal in combination with the cytology results is consistent with right thyroid carcinoma. The mass presents local invasive growth and due to the amorphous character of the mass, complete surgical excision is considered not feasible.

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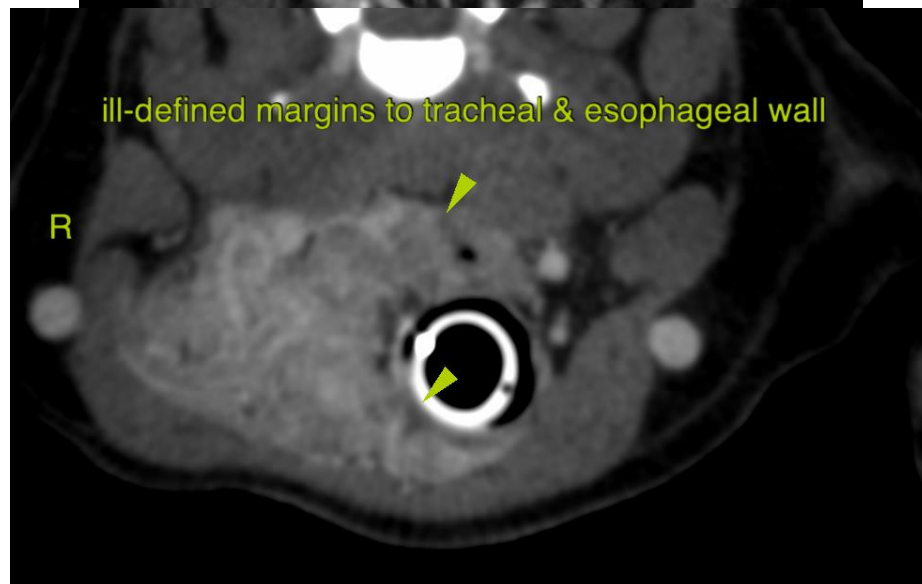
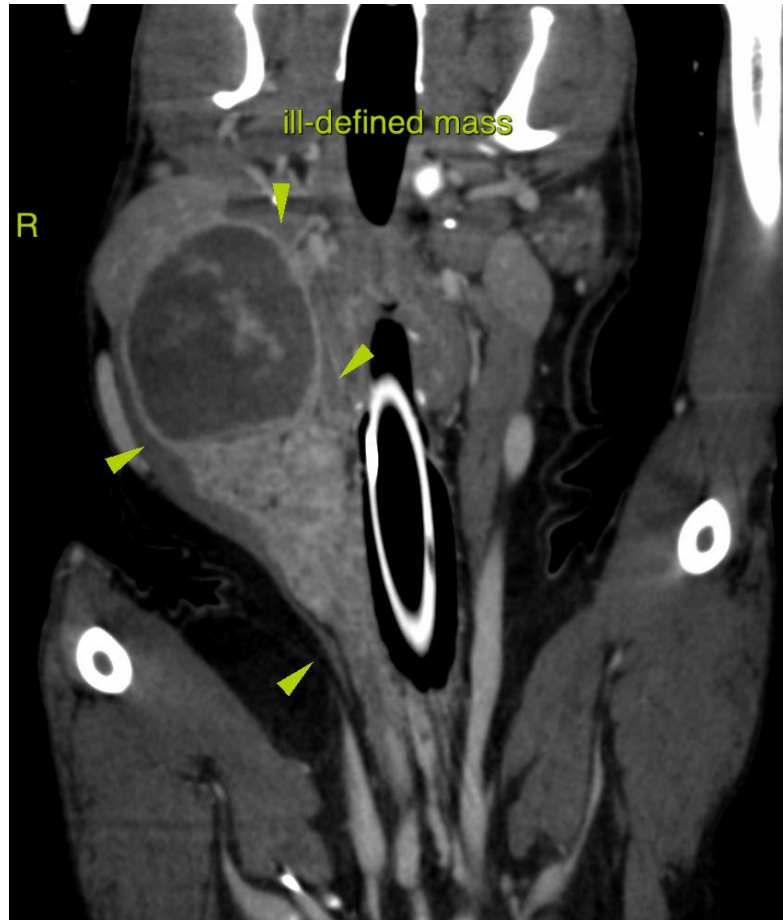
Bleakley

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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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