



PATIENT

Tucker Terrell

SPECIES

Canine

BREED

Doodle

SEX

Male Neutered

AGE

7Y

WEIGHT

31.5kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Kirsten Bodie

HOSPITAL NAME

Bluegrass Veterinary
Specialists

REFERRING VET

Dr. Kelly Gavin

INVOICE

75016

DATE

5-12-26

PRESENTING CLINICAL SIGNS

Progressive epistaxis starting 04/28, effecting inspiration.

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The rostral segment of the right nasal cavity is obliterated by uniform soft tissue attenuating and irregular contrast enhancing material. Destruction of the associated nasal conchal structures is seen. The horizontal plate of the right palatine bone presents advanced aggressive osteolysis along with permeative osteolytic lesions along the palatine aspect of the alveolar process of the right maxillary bone.

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.

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 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.

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.

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.

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass right nasal cavity with polyostotic aggressive osteolytic lesions of the right palatine and maxillary bone
- Secondary partial upper airway obstruction
- Multiple absent teeth



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- Normal thorax, no evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The right nasal soft tissue mass is consistent with primary nasal soft tissue neoplasia. Differentials include adenocarcinoma, squamous cell carcinoma lymphosarcoma, other. Rhinoscopy including biopsy can be performed for specification. The Adam tumor stage is 3.





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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