



PATIENT	PRESENTING CLINICAL SIGNS
Maggie Minogue	Maggie presented for blockage on right nostril, difficulty breathing first noted 1 month ago . On exam: epistaxis right side elevation liver enzymes, Heart murmur
SPECIES	COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX
Canine	Pre/post contrast studies provided for review.
BREED	COMPUTED TOMOGRAPHIC FINDINGS
Cocker Mix	Head/neck: There is massive bone destruction and lysis noted originating in the right nasal cavity including the nasal septum, nasal, maxillary, frontal bone and the cribriform plate with entrance of the mass into the cranial vault with a mild mass effect on the meninges and the frontal lobes. The right nasal cavity is completely filled with heterogenous soft tissue showing an inhomogeneous/unstructured enhancement.
SEX	
Female Spayed	
AGE	
14 Years	The right frontal sinus is obliterated with lysis of the frontal midline. Caudal margination is well-defined ending in the rostral nasopharyngeal meatus.
INTERPRETED BY	
Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging	Both tympanic bullae are completely ventilated with a regular tympanic bulla wall. The external ear canals are ventilated in all sections. The soft tissues of the head and neck present bilateral and mild enlargement of the mandibular and medial retropharyngeal lymph nodes.
HOSPITAL NAME	
Animal Surgical Center	Thorax: The lungs show atelectasis of the ventral sections on both sides. Age-appropriate increase of the interstitial density is noted. In the right caudal lobe, an unsharp spot of increased density is recognized measuring 1.16 cm.
REFERRING VET	
Hampton Vet Hospital	No evidence of pleural thickening, fluid accumulation or free pleural gas is noted. Pulmonary density is within normal limits, there is no evidence of focal or nodular pulmonary lesions.
INVOICE	
49169	Mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal. Thoracic trachea and esophagus present as expected.
DATE	
12-21-21	Soft tissues of the spine and extra-thoracic soft tissues as well as ribs and sternum are unremarkable. There is no evidence of bony lysis or abnormal sclerosis.



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Cocker Mix

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HOSPITAL NAME

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REFERRING VET

Hampton Vet
Hospital

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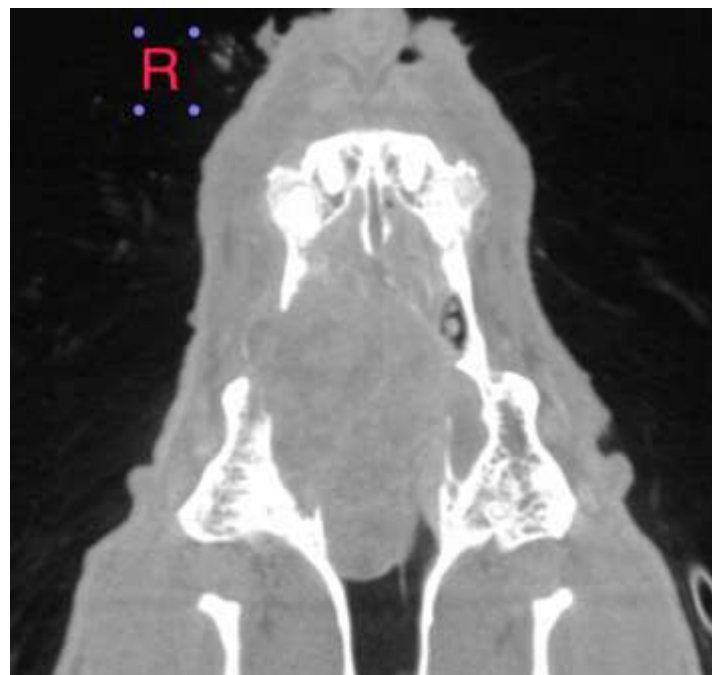
12-21-21

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right nasal mass with severe destruction of the bony nasal structures, crossing of the midline as well as lysis of the bony borders to the frontal cranial vault with mild mass effect and meningeal enhancement
- Mild mandibular and medial retropharyngeal lymphadenopathy
- Ill-defined nodular-like lesion right caudal lung lobe

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT findings of the nasal cavities likely represent an aggressive and malignant neoplastic lesion. I would rule out inflammatory changes. Common differentials include but are not limited to nasal carcinoma, lymphoma and squamous cell carcinoma. Destruction of the cribriform plate is considered to have a bad prognosis. Biopsy is needed for further evaluation. Enlargement of the lymph nodes and the pulmonary nodule-like lesion could speak for regional and distant metastatic spread.





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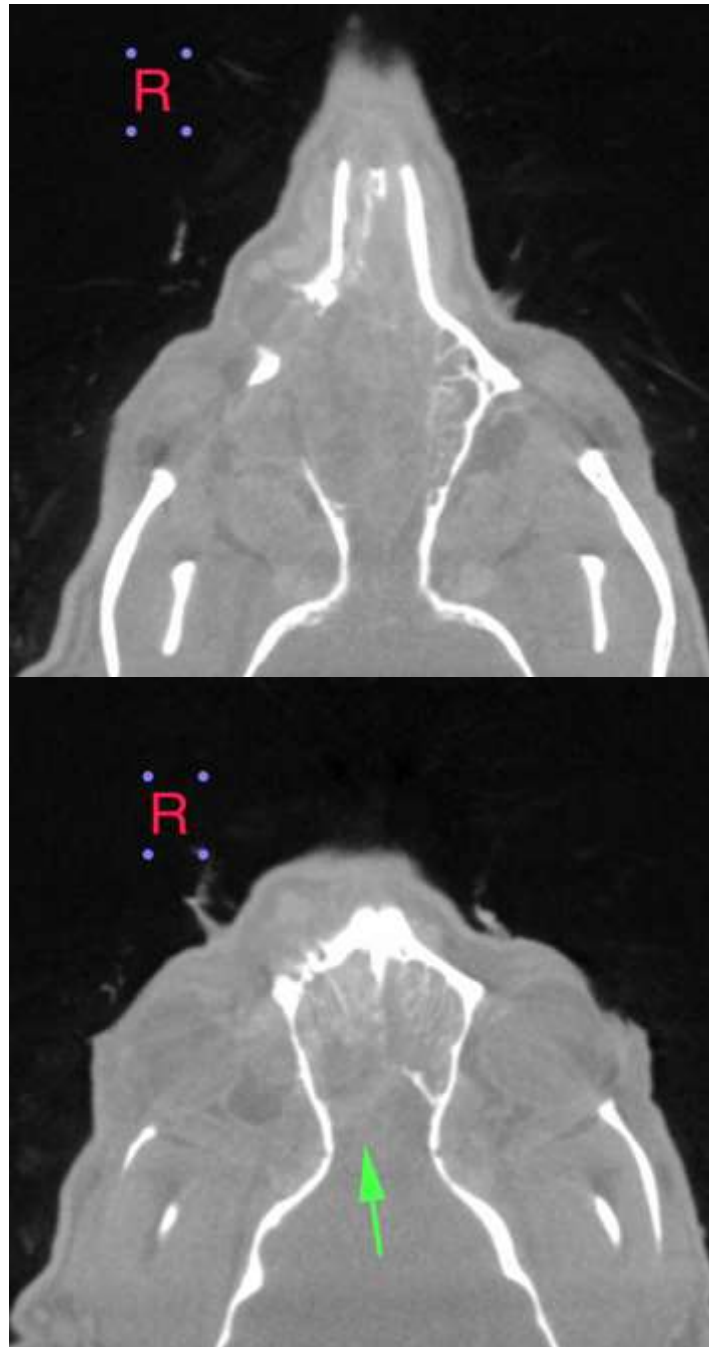
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Canine

BREED

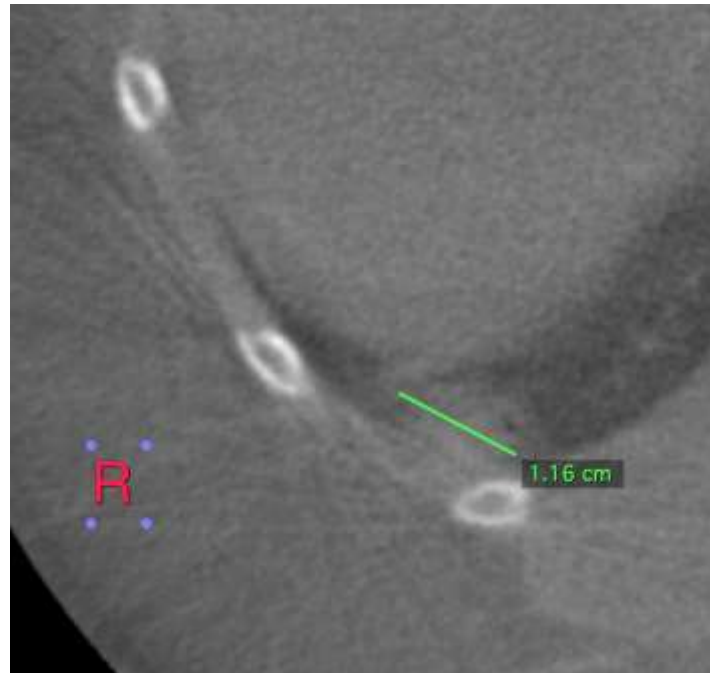
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

Animal Surgical
Center

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