



PATIENT

Harley Crumley

PRESENTING CLINICAL SIGNS

Increased sneezing per owner

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies available for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Head

A small ill-defined mass with heterogeneously decreased contrast enhancement is seen in the caudal and ventral aspect of the left nasal cavity. The mass measures approximately 1.2 cm in length and 1.0 cm in diameter. Regional turbinate destruction is noted as well as presence of focal lysis of the vomer bone and a large defect within the hard palate. The cribriform plate is intact. Fluid attenuating material is present within the nasal fundus as well as within the rostral third of both nasal cavities.

SEX

MN

The dentition is incomplete and multiple teeth present severe periodontal changes. No evidence of a dento-nasal fistula is seen.

AGE

10 Years

The regional lymph nodes present within normal limits.

The brain presents within normal limits.

The tympanic bullae present within normal limits as well.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

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 are 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.

Partial dystelectasis of the left lung is seen as well as occasional interstitial and subpleural bands.

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

Dr Horsley

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

Multiple small hyperenhancing hepatic and splenic nodules are seen in the included cranial abdomen.

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7-18-22



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COMPUTED TOMOGRAPHIC DIAGNOSIS

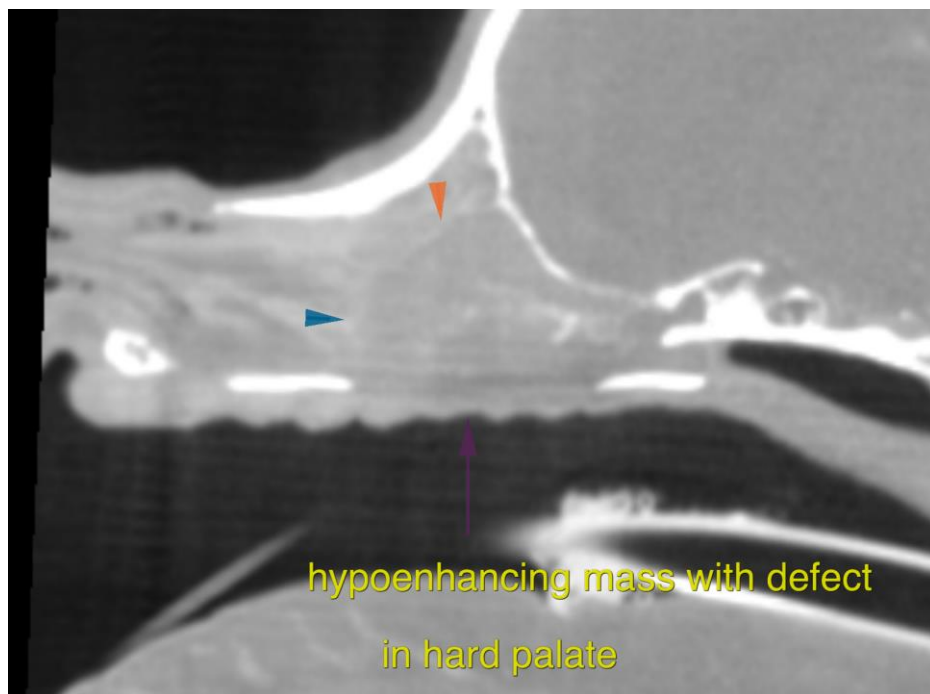
- Suspect nasal soft tissue neoplasia.
- Multifocal periodontal disease.
- No evidence of pulmonary metastatic disease.
- Hepatosplenic nodules.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings suggest presence of a soft tissue mass with aggressive biological behavior caudally within the left nasal cavity. A large osseous defect is seen in the hard palate. The differential diagnosis of chronic destructive rhinitis cannot be ruled out entirely but is thought less likely. Consider tissue sampling by means of rhinoscopy or through the defect within the hard palate.

At this time, there is no evidence of pulmonary metastatic disease.

The hepatosplenic nodules may well represent benign nodular hyperplasia. Neoplasia including metastatic disease is thought unlikely. Correlate with the laboratory values and consider ultrasound as well as ultrasound guided sampling if indicated.





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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.

SPECIES

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