



PATIENT PRESENTING CLINICAL SIGNS

Abbey Kuhle Pet presented for CT Scan evaluation of skull and MET Check for left nostril epistaxis for approx 2 months. PE revealed epistaxis from right nostril.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Canine Plain and post contrast studies of the head and post contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Head

Golden Doodle The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

SEX

FS A large, ill-defined irregular shaped soft tissue attenuating mass of approximately 8.0 x 3.0 x 3.5 cm is seen within the left nasal cavity. The mass occupies most of the left nasal cavity and extends into the right nasal cavity as well as into the nasal fundus. The left frontal sinus is filled with fluid attenuating material. Multiple aggressive osteolytic lesions of the left nasal, maxillary, and palatal bones are seen. The cribriform plate is intact.

AGE

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

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

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.

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The salivary glands present within normal limits.

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The visible dentition is within normal limits.

Thorax

REFERRING VET

The bony and surrounding soft tissue structures are within normal limits.

Borecky

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.

INVOICE

50805

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

3-8-22



PATIENT The lung parenchyma presents the expected architecture and attenuation behavior.

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

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Large soft tissue neoplasia with aggressive biological behavior within the left nasal cavity.
 - No evidence of pulmonary metastatic disease.
 - No evidence of metastatic disease to the regional lymph nodes.

BREED **INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

Golden Doodle

The CT study reveals a malignant soft tissue neoplasia within the left nasal cavity. The mass extends into the nasal fundus and right nasal cavity. Obstructive left sided frontal sinusitis is noted. Differential diagnosis includes adenocarcinoma, other carcinoma, hemangiosarcoma, lymphosarcoma, and other. Final diagnosis would require sampling for histology which could be obtained via rhinoscopy if not performed already.

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PATIENT

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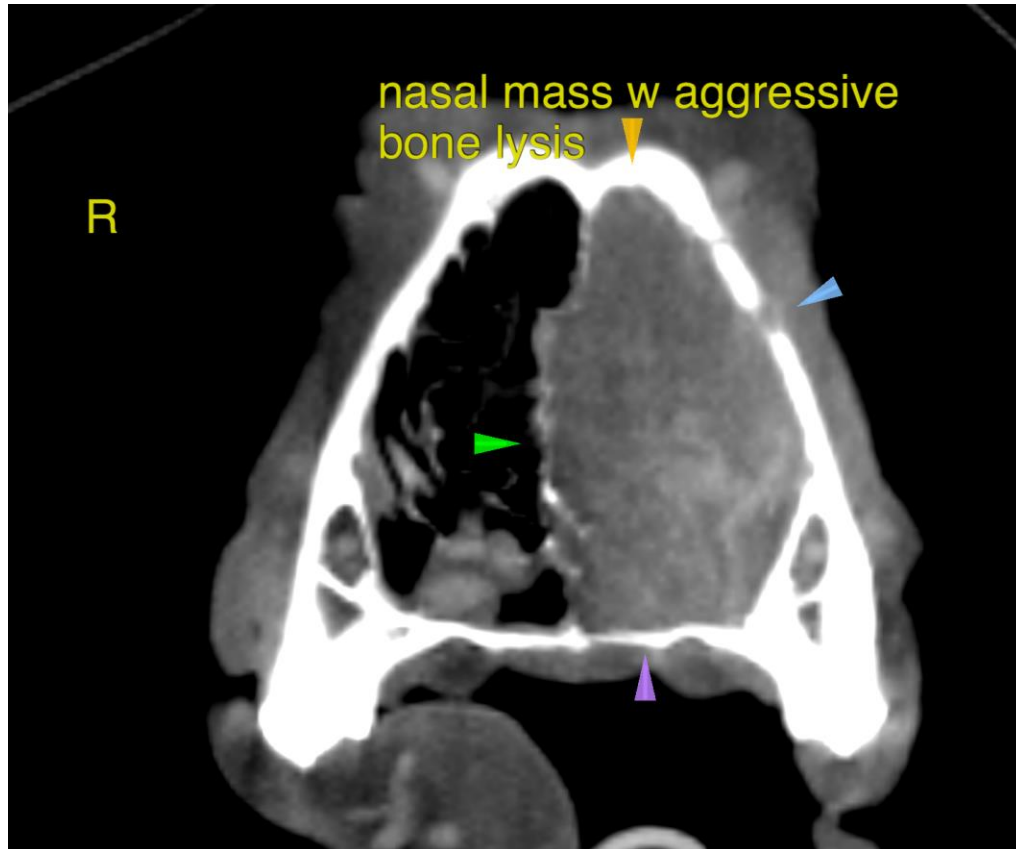
Borecky

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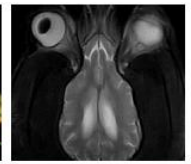
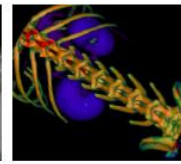
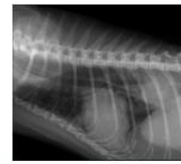
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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