



PATIENT

Bonnie McLellan

PRESENTING CLINICAL SIGNS

Epistaxis developed this past Saturday (4/15/23), and has persisted throughout (though today pt has not had an episode). Pt has significant muscle atrophy along cranium since o's adopted her 5-6 years ago. Pt has had 2-3 episodes of epistaxis that would last several seconds and takes a few minutes to resolve.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Today pt has mild anemia with reticulocytosis. HCT 35.9 % 37.3 - 61.7 LOW; HGB 13.0 g/dL 13.1 - 20.5 LOW; MCV 61.3 fL 61.6 - 73.5 LOW. RETIC 121.3 K/μL 10.0 - 110.0 HIGH; RETIC-HGB 33.1 pg 22.3 - 29.6 HIGH; WBC 24.38 K/μL 5.05 - 16.76 HIGH. Leukocytosis with neutrophilia and monocytosis (likely stress leukogram).

BREED

German Shepherd

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

SEX

FS

COMPUTED TOMOGRAPHIC FINDINGS

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.

AGE

9 Years

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

The right tympanic bulla is filled with fluid attenuating contrast negative material. The external auditory meatuses present within normal limits.

HOSPITAL NAME

Petroglyph Animal
Hospital

Severe generalized and bilaterally symmetric atrophy of the muscles of mastication is seen. There also appears to be moderate generalized bone atrophy.

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

Amanda Espinosa

The salivary glands present within normal limits.

The visible dentition is within normal limits.

INVOICE

57903

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal CT findings of the nasal cavities and frontal sinuses
- Right hand sided otitis media.
- Muscle and bone atrophy.

DATE

4-19-23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no evidence of structural nasal pathology. The epistaxis may be due to



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systemic coagulopathy, systemic hypertension, or paraneoplastic. No evidence of a nasal soft tissue mass, rhinitis, or foreign material was identified. No significant dental changes were seen.

Note the presence of right hand sided otitis media and consider further otoscopic workup.

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Canine

The muscle and bone atrophy may be age related. Underlying metabolic, endocrine, or immune mediated pathology as well as paraneoplastic syndrome cannot be ruled out.

BREED

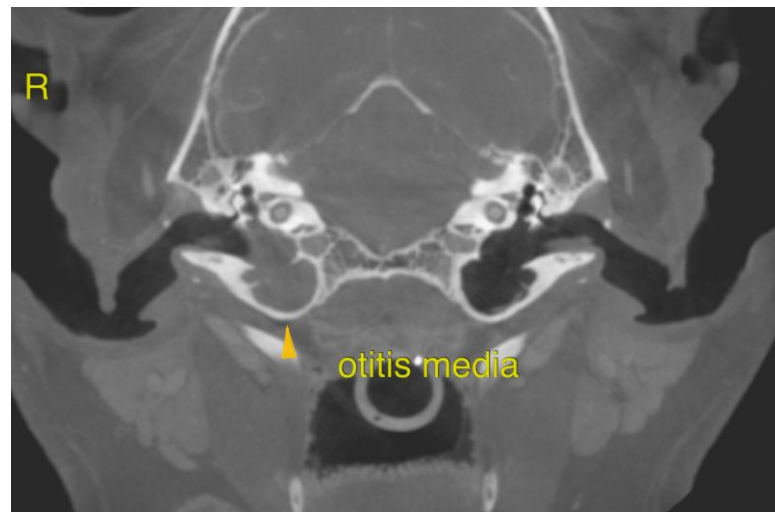
German Shepherd

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nasal cavities wnl

HOSPITAL NAME

Petroglyph Animal
Hospital

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REFERRING VET

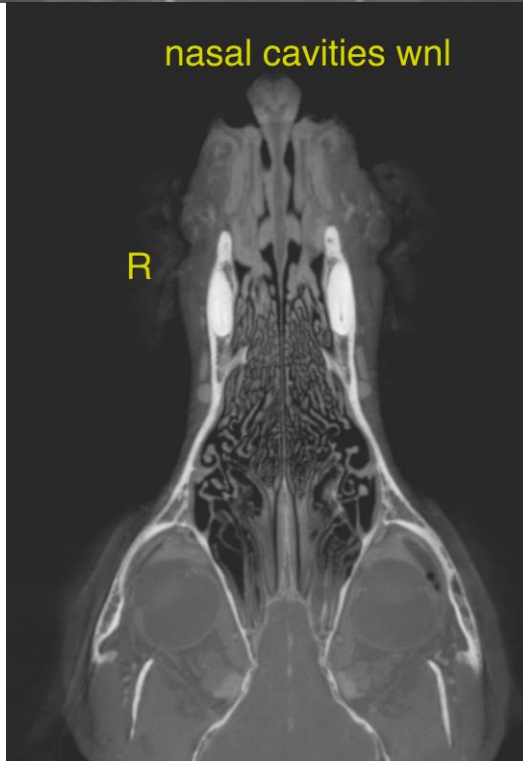
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

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