



PATIENT PRESENTING CLINICAL SIGNS

Cayo Pagan
Cayo is a 5 YO MC Doberman presented as a referral for a left sided nasal bleeding and 2 episodes of seizures. Owner went to the rdvm about 2 weeks ago and they were started on Phenobarbital, no seizures were noted since starting phenobarbital. No other medications were given at the visit with the rDVM.

SPECIES

Canine

BREED

Doberman

Abnormal PE/Chem/CBC/UA Results: CBC --- moderate anemia, moderate to severe thrombocytopenia and lymphopenia. CHEM --- unremarkable Patient was BAR, mild nasal discharge of the left nostril was noticed with decreased airflow in the left side Severe muscle atrophy in the hip area and hind limb. Thank you for bringing Cayo to our Oncology service. As we discussed today we suspected that Cay has a left sided nasal tumor. In this case we recommend performing a head CT scan to identify if he has a mass in the nose area. Due to the clinical sings we suspect a mass invading the Cribriform plate due to the seizure events. After we have the results of the CT scan we can discussed prognosis and further steps

SEX

M

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

AGE

5 Years

The CT study reveals rostral cerebral midline shift level with the frontal lobes. There appears to be an intraaxial isoattenuating and isoenhancing mass effect within the left frontal lobe causing rightward shift of the rostral cerebral midline. A discrete mass cannot be identified. The cribriform plate is intact.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Moderate bilateral asymmetric turbinate destruction is seen within both nasal cavities. There is moderate multifocal swelling of the mucosal lining and mild fluid accumulation within both nasal cavities. Mucosal swelling and fluid accumulation are noted within the right frontal sinus as well.

The regional lymph nodes present within normal limits.

HOSPITAL NAME

Veterinary Image
Center

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intraaxial cerebral mass effect within the left frontal lobe of the brain.
- Moderate chronic bilateral destructive rhinosinusitis.

REFERRING VET

Dr. C. Ortíz,
DVM(Oncology)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study supports the presence of two separate entities causing the clinical signs of the patient. An intraaxial mass effect is noted within the frontal lobe of the left cerebral hemisphere suggesting potential for intraaxial mass such as glial cell derived tumor, round cell neoplasia, and less likely inflammatory or infectious lesion or cerebrovascular disease. Further definition would require an MRI.

INVOICE

59705

The findings of the nasal cavities and paranasal sinuses support the presence of chronic destructive rhinosinusitis. Fungal rhinitis such as with aspergillus or other fungal species is considered likely based on the CT findings. Chronic bacterial or viral rhinitis cannot be ruled out entirely but is thought less likely. Further definition by means of endoscopy with sampling for culture and histology could be considered if not performed already. No specific findings do support the presence of a solid neoplasia within the nasal cavities or paranasal sinuses

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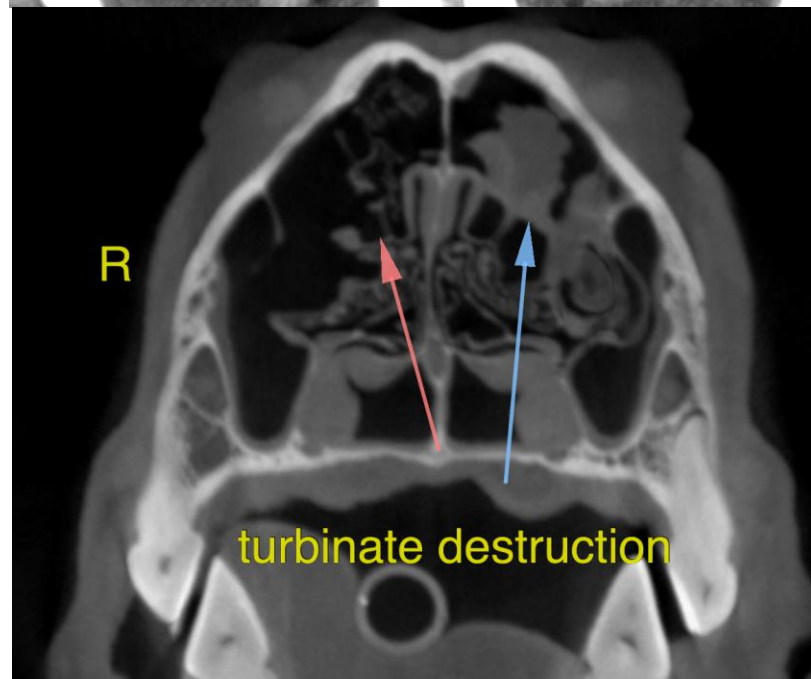
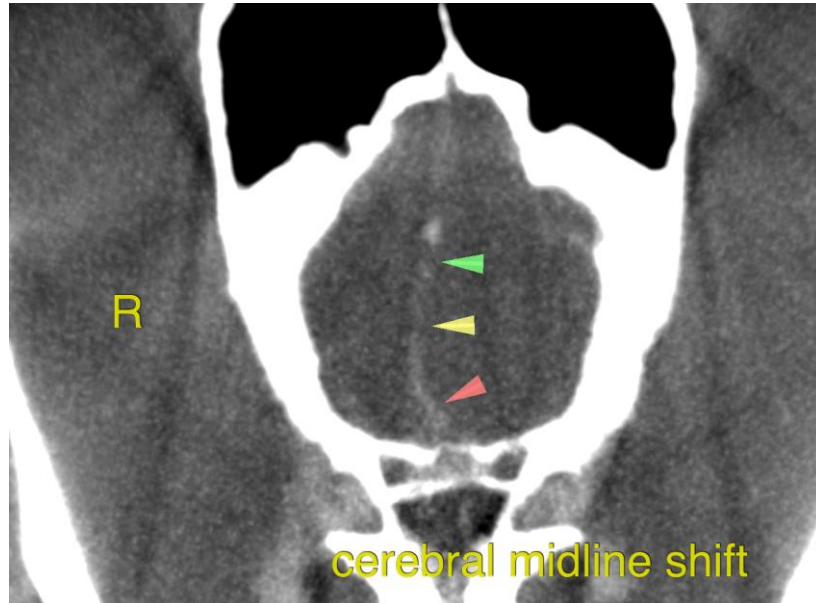
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Canine

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