



PATIENT

Luke Donner

SPECIES

Canine

BREED

French Bulldog

SEX

MN

AGE

9Y, 5M

WEIGHT

38.2lbs

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Dr Raul Casas

HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr Raul Casas

INVOICE

73758

DATE

2-16-26

PRESENTING CLINICAL SIGNS

- Referral for evaluation of refractory seizures and recent increase in seizure frequency.
- - Seizure history:
 - - Initial episode ~6 months ago: 3 seizures over one weekend
 - - Phenobarbital started BID; after 1 month, bloodwork showed therapeutic levels, reduced to SID
 - - Seizures correlated with stressors (e.g., less sleep, family gatherings)
 - - Two weeks ago: 7 grand mal seizures in 24 hours, each ~1 min, postictal disorientation, pacing
 - - Phenobarbital increased to BID, then TID after continued seizures and new seizure type (head tilting, vocalization)
 - - On phenobarbital TID x 4-5 days; increased somnolence noted
 - - Missed phenobarbital dose: teeth chattering, no full seizure
 - - Behavioral/neurologic changes: persistent pacing, circling, increased clinginess, occasional instability and falls over hind limb (not constant, no consistent lameness)
 - - Increased water intake over past 2 weeks
 - - Eating well, drinking increased
 - - Urination: one episode in garage, urine normal color
 - - Perianal malodor, suspected flatulence, new onset
 - - Ocular history: prior surgery for trichiasis, progressive dark spots on cornea now covering ~50% of each eye

Abnormal PE/Chem/CBC/UA Results: Abnormal PE: Progressive corneal melanosis covering ~50% of each cornea - Audible upper airway sounds (brachycephalic conformation); Mild hind limb instability, occasional falling, able to recover, no consistent lameness observed; Nails overgrown; Pacing, circling, increased clinginess, mild hind limb instability, occasional falling, able to recover
Glucose 125, RDWc 21.9

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

There appears to be plaque like extensive meningeal thickening observed dorsal and lateral to the parietal and temporal lobes of the left cerebral hemisphere. The area shows increased contrast enhancement consistent with active meningeal or meningeal cortical process. A mass effect is noted with slight deviation of adjacent cortical structures. No discrete intraaxial mass or hemorrhage is appreciated. The ventricular system appears normal in size. The findings are localized to the left cerebral hemisphere. The contralateral hemisphere is unremarkable.

Brachycephalic skull morphology is noted with mild crowding of cranial vault.

Globes appear normal in size and position. No intraorbital masses are identified.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Focal plaque like meningeal thickening over the left parietal and temporal lobes with contrast enhancement and mass effect.



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- Breed associated brachycephaly.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study suggests the presence of focal plaque like meningeal thickening with contrast enhancement and mass effect level with the left temporal and parietal lobes. The findings are suggestive of plaque like meningioma. Other plaque like neoplasia such as infiltration with round cells, meningoencephalitis, and granulomatous disease are considered less likely. Neurology consultation could be considered, and MRI of the brain may provide superior characterization of the meningeal lesion, cortical involvement, and potential surgical planning.



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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