



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Scooter Jameson
SPECIES Canine
AGE 5 Years, 5 Months

Nov of 2022 P started to have seizures. P was started on Pheno. Had a malignant tumor removed of the hind leg Feb of 2023 P suffered a stroke. P came in today for a hole in the skull above the left eye. P was bit by the mom at 4 weeks old. There has been a hole there ever since. P started to have seizures in Nov 2022. P is currently on Phenobarb BID. P suffered a stroke on Feb 24th 2023. A few days before the stroke the hole on the head was swelling. P has had a skin incision and a biopsy of the area. Substance is very thick and can not be removed with a syringe.
 Abnormal PE/Chem/CBC/UA Results: High= Retics MPV Low= Lymphs

BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED Boxer
 A pre-contrast and post-contrast CT study of the head are provided for review. One pre-contrast series and one post-contrast series.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX FS
AGE 5 Years, 5 Months

There are expansile mixed osteolytic and proliferative bone lesions centered at the left frontal sinus, squamous part of the frontal bone, and spanning to the supraorbital margin, ipsilateral temporal surface, and orbital plate of the ethmoid bone. Also, moderately enhancing soft tissue mass effects and hypoattenuating fluid material completely fill the left frontal sinus. The mass effect is protruding throughout the dorsal portion of the ipsilateral nasal cavity and to the cribriform plate, affecting the encephalic tissue at the left frontal lobe and olfactory bulbs. A mild invasion is also seen in the dorsal portion of the left retrobulbar space; however, there are no signs of exophthalmia. There is cribriform plate interruption.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The right frontal sinus is unremarkable.
 The remaining portions of the nasal cavity, including the more rostral portion on the left side, contain mildly hypoattenuating multifocal fluid content.
 The choana, pharynx, and larynx are normal.

HOSPITAL NAME

Neel Veterinary Hospital

The hyoid apparatus is normal.
 The retropharyngeal lymph nodes and maxillary lymph nodes are normal.
 The tympanic cavities are air-filled, and the external auditory canals are unremarkable.

REFERRING VET

Deepan Kishore, DVM, MS, DABVP

The temporomandibular joints are normal.
 All teeth are present and unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

58000

- Aggressive expansile and proliferative osseous lesions in the left-side frontal region, with concurrent internal and external mass effects to the adjacent regions, invading the nasal cavity, frontal sinus, and cribriform plate. The differential diagnosis includes neoplastic processes such as chondrosarcoma, osteosarcoma, or osteomyelitis with adjacent swelling, abscess, and inflammation*.

DATE

4-26-23



- PATIENT**
- Cribriform lysis, interruption with encephalic meningeal infiltration, and mass effect, showing the extension to the nervous system.
 - Concurrent left-side sinusitis.
 - Concurrent bilateral mild rhinitis and left-side rostral nasal cavity mass extension.

Scooter Jameson

SPECIES INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Canine The CT study reveals an aggressive lesion involving osseous and adjacent soft tissue in the left frontal region, showing aggressive behavior, and correlates with the presented clinical signs. Due to the patient history, there is an overlap between the differential diagnosis; it is more difficult to differentiate a neoplasm process from non-healing previous fractures with osteomyelitis* (bacterial or fungal). Considering the absence of the previous traumatic history, the main differential diagnosis is a neoplasm process that could be correlated to osseous structures or could be from the nasal cavity expanding throughout the exterior, such as squamous cell carcinoma or sarcoma.

BREED

Boxer

SEX

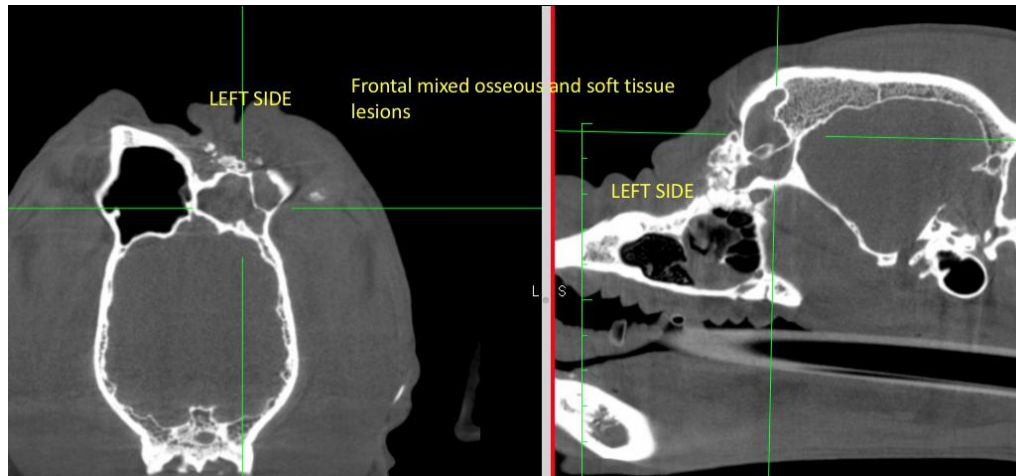
FS

There is evidence of cribriform plate interruption and meningeal infiltration.

As performed, a biopsy is needed for a definitive diagnosis.

AGE

5 Years, 5 Months



INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

HOSPITAL NAME

Neel Veterinary Hospital

REFERRING VET

Deepan Kishore, DVM, MS, DABVP

INVOICE

58000

DATE

4-26-23



PATIENT

Scooter Jameson

SPECIES

Canine

BREED

Boxer

SEX

FS

AGE

5 Years, 5 Months

INTERPRETED BY

Tilde Rodrigues Froes,
 DMV, MSc., Dr. Med
 Vet., Dipl. CBraRVet

HOSPITAL NAME

Neel Veterinary
 Hospital

REFERRING VET

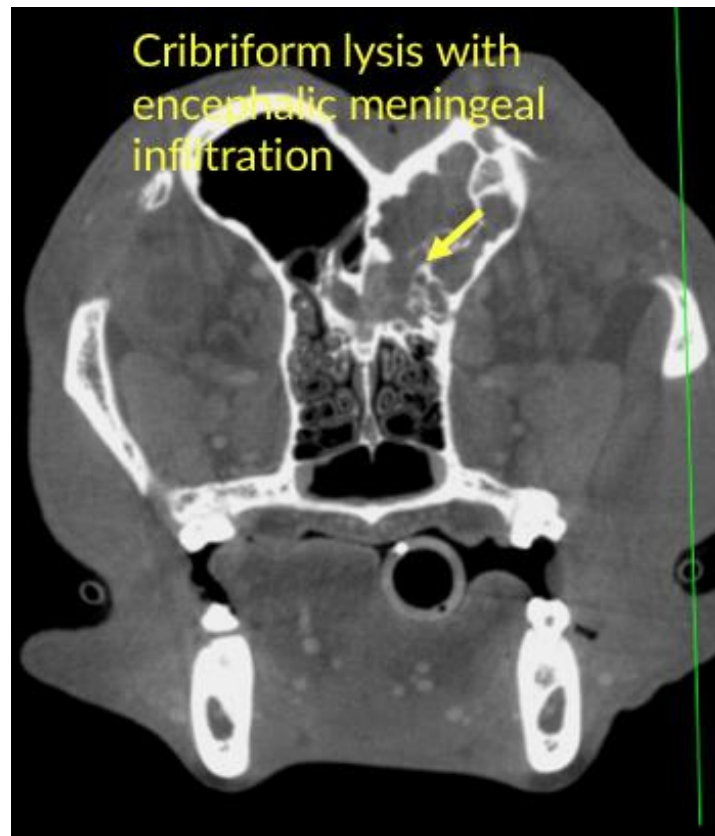
Deepan Kishore,
 DVM, MS, DABVP

INVOICE

58000

DATE

4-26-23





PATIENT

Scooter Jameson

SPECIES

Canine

BREED

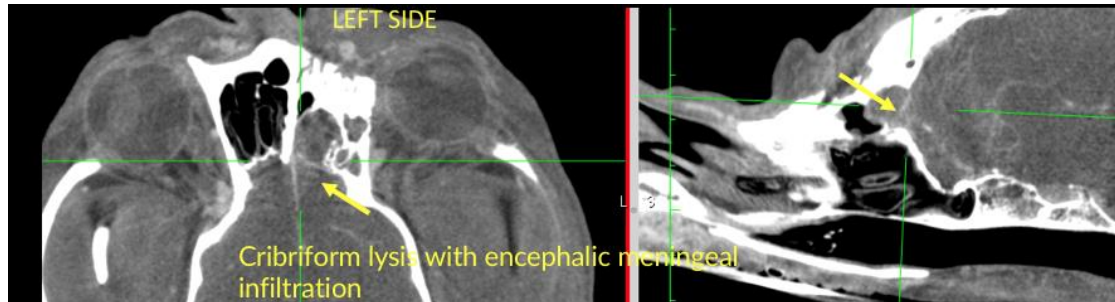
Boxer

SEX

FS

AGE

5 Years, 5 Months



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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Neel Veterinary
Hospital

REFERRING VET

Deepan Kishore,
DVM,MS, DABVP

INVOICE

58000

DATE

4-26-23