



PATIENT PRESENTING CLINICAL SIGNS

Pearl Duryea Pt came in 11/21 for swollen muzzle and sent home with Clindamycin and Carprofen. Swelling still present.
Abnormal PE/Chem/CBC/UA Results: Anemic on bloodwork.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

Canine A high resolution pre- and post-contrast CT study of the skull is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pitbull Triadan 305, 308, 405 and 408 are absent. Triadan 107, 108, 209, 310 and 410 present a moderate widening of the periodontal space. Centered on the alveolar crest of triadan 204, an expansile mass, presenting radiating mineralization, is visible. There is aggressive osteolysis of the alveolar crest of triadan 204. The mass causes buccal displacement of triadan 204, the mass is extending distally up to the level of triadan 205 and measuring approximately 2.6 x 3.1 x 2.4 cm in size.

SEX

Female

AGE

12 Years

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

HOSPITAL NAME

Petroglyph Animal Hospital

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. A small convex shaped, moderate contrasts enhancing mass is protruding beyond the dorsal margins of the pituitary fossa, measuring 8.6 x 6.8 x 10.0 mm in size. The ventricular system is non-dilated and symmetric.

REFERRING VET

Dr. Dana Powers

There is generalized moderate enlargement of the mandibular, medial retropharyngeal and superficial cervical lymph nodes bilaterally. The attenuation and contrast enhancement pattern are uniform, the short to long axis-ratio is increased and equals 0.5.

INVOICE

48729

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteoproliferative mass right maxillary bone, level 204
- Lymphadenopathy tributary lymph nodes of the skull
- Intracranial extraaxial small mass originating from the pituitary fossa
- Periodontal disease 107, 108, 209, 310 and 410
- Multiple absent teeth

DATE

12-1-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The expansile osseous mass is compatible with neoplastic disease and primary osseous neoplasia such as osteosarcoma, chondrosarcoma or an odontogenic tumor are the most likely differentials here. Complete surgical excision of the mass by rostral hemimaxillectomy - osteotomy lines



PATIENT

Pearl Duryea

should be in the midline mesial to triadan 201 and distally between triadan 106&108 – appears feasible.

There is evidence of generalized lymphadenopathy and a second malignant entity, such as round cell tumor versus metastatic spread need to be ruled out prior to any advanced treatment options.

SPECIES

Canine

Consider full tumor staging.

BREED

Pitbull

The intracranial extraaxial mass is considered an incidental finding and (non)functional pituitary adenoma is the top differential. Testing of the pituitary adrenal axis might be considered.

SEX

Female

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

Dr. Dana Powers

INVOICE

48729

DATE

12-1-21





PATIENT

Pearl Duryea

SPECIES

Canine

BREED

Pitbull

SEX

Female

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

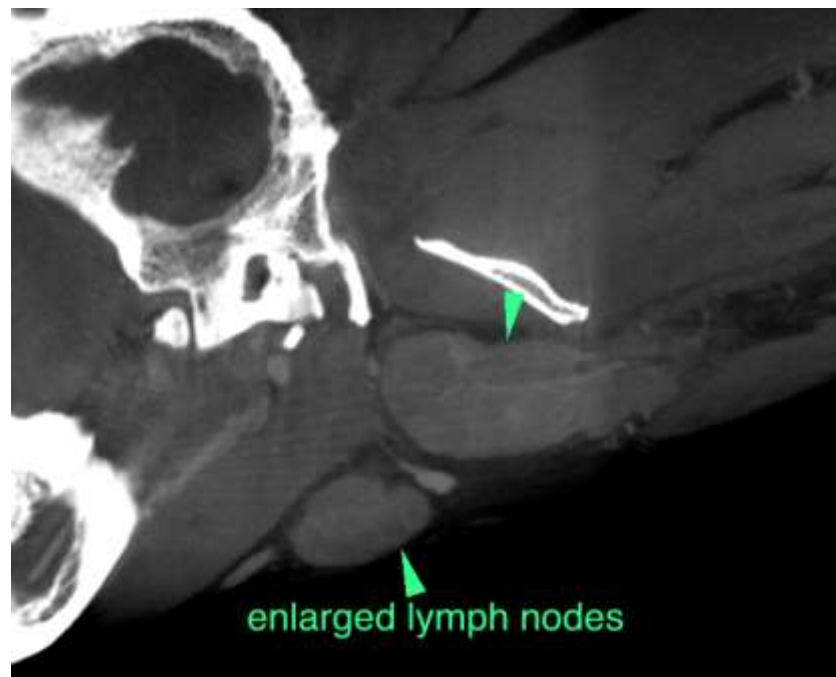
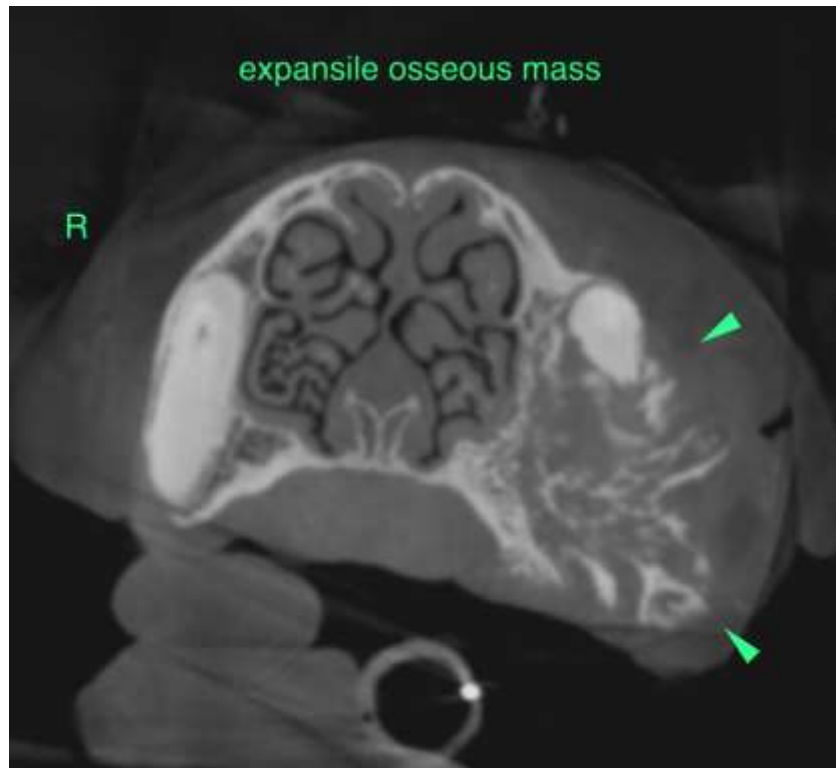
Dr. Dana Powers

INVOICE

48729

DATE

12-1-21





PATIENT

Pearl Duryea

SPECIES

Canine

BREED

Pitbull

SEX

Female

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal
Hospital

REFERRING VET

Dr. Dana Powers

INVOICE

48729

DATE

12-1-21



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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com