



PATIENT PRESENTING CLINICAL SIGNS

Zen Wright
SPECIES Feline
BREED Maine Coone
 Zen presents today with an approximately 7 month history of a protruding third eyelid on the right side, trying to scratch constantly at her right ear, rubbing her face, and progressive weight loss (about 2 pounds). She has a gagging cough and intermittently will gag while eating. She has been eating well. Zen is an indoor/outdoor cat. They just moved to Utah from California in August 2022. She lost her left hind limb due to trauma several years ago. Zen presented to Pinebrook Animal Hospital on 8/5/22 with a history of weight loss and the right eye being blood shot. Larger more frequent hairballs were also reported. On sedated exam the blood vessels along the lateral aspect of the right globe were enlarged. Blood work showed an anemia. At a recheck on 10/1 the owner reported vomiting and diarrhea, weight loss, urinating outside the litter box, inappetence, bad breath, her tongue was hanging out, scratching at the right side and coughing/gagging. Her third eyelid was also still protruding. On sedated exam her right TMJ area was painful on palpation, there was slight discomfort of her right ear canal with bulging of the tympanum and there was decreased retropulsion on the right.

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 Abnormal PE/Chem/CBC/UA Results: PE: Normal Lab: Blood work is dated 8/5/22. CBC - PCV = 28%, WBC = 7,000, neutrophils = 4,130, lymphocytes = 2,219, monocytes = 112, platelets = 332,000. Chemistry - AST = 75, Spec fPL = 5.0, all else normal. T4 = 1.7. Felv/FIV - negative. Fecal O&P - negative. Feline Hemotropic Mycoplasma PCR - negative. Urinalysis - USG = 1.025, pH = 6.5, 2+ protein, WBC = 6-10/hpf, RBC = >100/hpf, no bacteria. Rhinoscopy Findings: The nasopharynx is imaged using a 120-degree reverse rigid scope and uvula retractor. There is a linear plant material foreign body extending through the right choana into the caudodorsal nasopharynx. There is no evidence of nasopharyngeal masses. Choanae appear normal bilaterally. Nasal passageways are imaged bilaterally using a 2.7 mm 0-degree scope without flushing. Afrin is instilled in nasal cavities bilaterally. Dorsal, ventral and common nasal passageways are imaged. The ventral passageway is imaged to the level of the nasopharynx and the foreign body (blade of grass) is removed from the right side using small forceps. Nasal mucosa is smooth and pink. Turbinates are not thickened. There is a mild amount of mucoid discharge in the right side. Turbinates and nasal passageways appear normal. There is no evidence of nasal passageway cavitation, turbinate atrophy or masses.

AGE 12 Years
INTERPRETED BY Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

HOSPITAL NAME COMPUTED TOMOGRAPHY OF THE SKULL

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

REFERRING VET COMPUTED TOMOGRAPHIC FINDINGS

Erin Johnston
 The tooth elements 106, 108, 109, 206, 209, 307 and 407 are absent. Parts of the crown of triadan 102 are absent and there is a transverse fracture of the proximal third of triadan 103 within the alveolar crest.. The tip of the crow of triadan 103 and 104 is absent, exposing the pulp cavity to the dental surface. Triadan 104 presents advanced resorption of the root.

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 Caudoproximal to the alveolar crest of triadan 104, the right maxillary bone presents with a small (2.4 mm) geographic osteolytic lesion with a small non-contrast enhancing roundish soft tissue attenuating center, mildly protruding into the right nasal cavity.

DATE 10-6-22
 The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. Extending from the right caudal third of the right ventral nasal meatus caudally into the nasopharynx, a linear, a lancet shaped linear structure is visible, measuring approximately 3.5 cm in length.

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



PATIENT

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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.

SPECIES

Feline

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. The ventricular system is non-dilated and symmetric.

BREED

Maine Coone

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.

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Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect nasal foreign body
- Complicated dental fracture 102-104
- Tooth root resorption 104
- Monostotic benign osteolytic lesion right maxillary bone
- Multiple absent teeth, see above

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The elongated body extending from the right ventral nasal cavity into the nasopharynx is suggestive for nasal foreign body, e.g. blade of grass. The finding has already been confirmed by endoscopic evaluation of the nasopharynx and nasal cavity.

The geographic osteolytic lesion of the right maxillary bone is most consistent with an osseous cyst, small granuloma or fibrous dysplasia. At this point, the clinical relevance of this finding is questionable.



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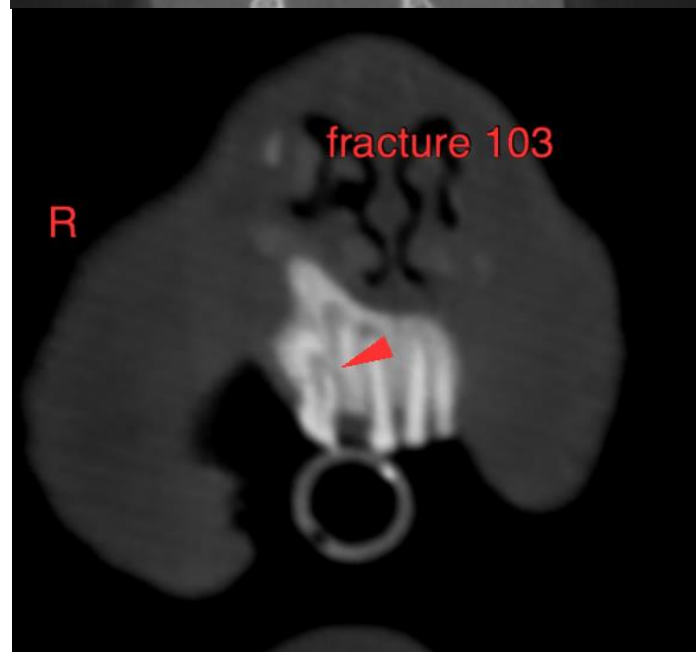
Erin Johnston

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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

Feline

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

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