



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Ember Magee

SPECIES
Canine

BREED
Bull Terrier

SEX
FS

AGE
1 Year

Ember presents for an internal medicine consult regarding a 1 month history of left sided epistaxis. Ember is eating, drinking, and going to the bathroom normally at home. She is not experiencing any coughing or diarrhea but has vomited water twice in the last week. When the nasal discharge was first noticed, it was pink and green. The green color cleared up after a round of clindamycin but the pink tinge has remained. Clinidamycin finished about 2 weeks ago and the greenish discharge was noted again last night. She has had 2 episodes of dripping frank blood from her nose recently, but both times it stopped within 5 to 10 minutes of the onset. Activity or excitement seems to make her bleeding worse. Ember had a foxtail in her ear about 4 months ago, and loves to play outside near a field of weeds by their house. She is able to breathe comfortably through her nose. She used to be an intermittent snorer but her snoring has gotten worse over the last 1-2 months. She does not like to have her nose touched any longer. Her mom cleans her nostrils and she is more resistant to that. Her mom bumped her nose at night one night and she yelped. She overall is crankier than she has been in her past. She got into a fight with her sister dog about a month ago for the first time. She will sneeze when her nose is actively bleeding but she was not sneezing at the onset of the signs. The discharge has always been from the left nostril. Sister dog is not showing the same signs. Other medication history: one bladder infection, otherwise healthy Travel history: none She is a big sniffer and digger. She digs holes in the ground to bury and dig out her ball. Her nose spends a lot of time in the dirt. Foxtails are present. Ember is not currently taking any medications or supplements.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC FINDINGS

Extensive turbinate destruction within the rostral and mid third of the left nasal cavity is seen in combination with mucosal swelling and accumulation of fluid attenuating secretion. There is focal interruption of the nasal septum in the mid third of the nasal cavity. See image below. Loosely arranged hypodense material containing small gas inclusions is seen in the mid third of the left nasal cavity as well. See image 2 below. The frontal sinuses present within normal limits. The right nasal cavity presents within normal limits except for the focal interruption of the nasal septum.

The left medial retropharyngeal and submandibular lymph nodes present mild symmetric enlargement.

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

REFERRING VET

Kimberly Winters

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extensive destructive rhinitis of the left nasal cavity with potential for foreign material.

INVOICE

55375

DATE

11-22-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals unilateral left sided extensive destructive rhinitis. Foreign material related rhinitis is a primary differential diagnosis as well as unilateral fungal osteomyelitis with most likely aspergillosis species. The hypodense material with gas inclusions within the mid third of the left middle meatus may represent organic foreign material such as grass awns/foxtail or similar lodging within the nasal meatus or infectious secretions. Rhinoscopy with revision and flushing of the left nasal cavity is recommended if not performed already along with sampling for culture including fungal.



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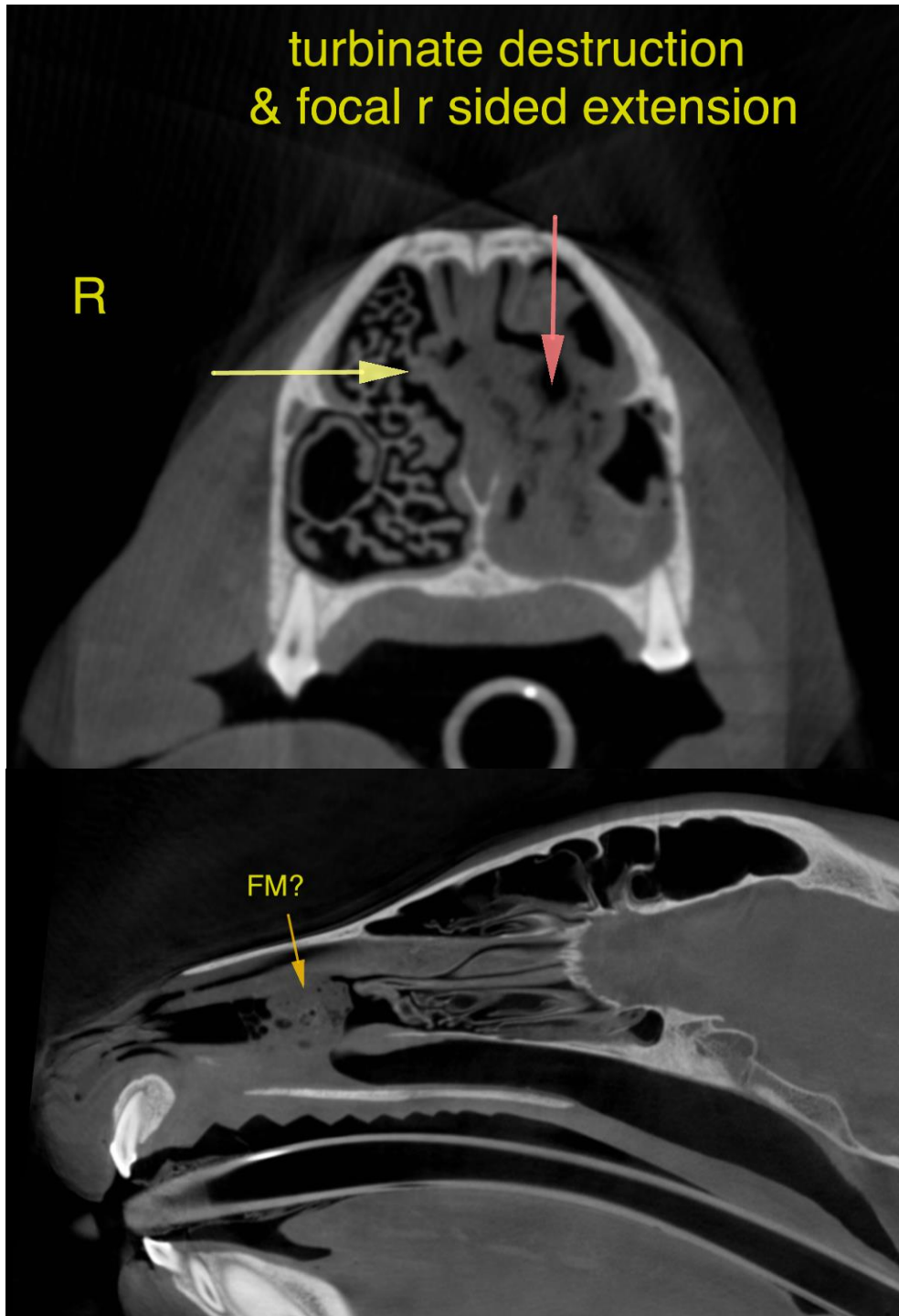
Kimberly Winters

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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

Canine

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.

BREED

Bull Terrier

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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