



PATIENT PRESENTING CLINICAL SIGNS

Lilly Oweis P has presented for continuous lethargy and decreased e/d. P has been experiencing Upper Respiratory signs (came on 1/15/22 for sneezing, ocular discharge) as well as having dark saliva since Sun 1/16/22. Indoor/Outdoor Kitty Hx of nasal cryptococcus approx 3 years ago and dermal cryptococcus approx 1 year ago.

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

FS

Plaque-like meningeal thickening with increased enhancement is seen in the rostral aspect of the cerebral falx and along the skull base level with the frontal and temporal lobes of both cerebral hemispheres to both sides of the sagittal midline.

AGE

12 Years, 8 Months

Mild asymmetry and hyperostosis of the external and internal laminae of the frontal sinuses is seen. The frontal sinuses however are patent at this point. The cribriform plate is intact.

A mild amount of fluid attenuating material is seen in the left nasal cavity.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

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

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The left medial retropharyngeal lymph node is mildly enlarged.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

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Thorax

Abundance of subcutaneous fat is seen.

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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

DATE

1-25-22

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.



PATIENT

Multifocal peripheral ventral alveolar infiltrate with volume loss is seen and considered compatible with atelectatic changes.

Lilly Oweis

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

SPECIES

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COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

DSH

- Mild nondestructive rhinitis - no evidence of destructive rhinitis or recurrence of the cryptococcus.
- Plaque-like meningopathy with mass effect and increased enhancement level with the cerebral falx and skull base.
- Mild left medial retropharyngeal lymphadenomegaly.
- Pulmonary atelectasis - pneumonia thought an unlikely differential diagnosis.

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12 Years, 8 Months

There is no evidence of sinonasal recurrence of the cryptococcus; only mild signs of nondestructive rhinitis are seen at this point. However, there is evidence of meningopathy with mass effect and increased enhancement of the lepto- and pachy-meninges level with the cerebral falx and skull base. Differential diagnosis includes meningitis and less likely plaque-like extraaxial neoplasia such as meningioma or round cell neoplasia. Meningitis is thought more likely based on the CT appearance and patient's history of prior cryptococcus infection since cryptococcal meningitis has been described in this and similar forms in cats.

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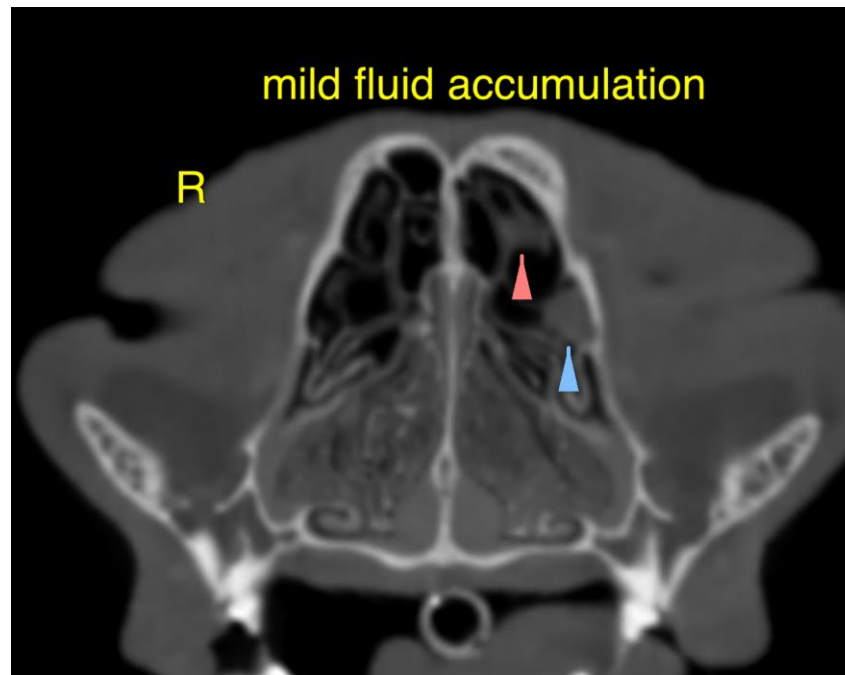
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PATIENT

Lilly Oweis

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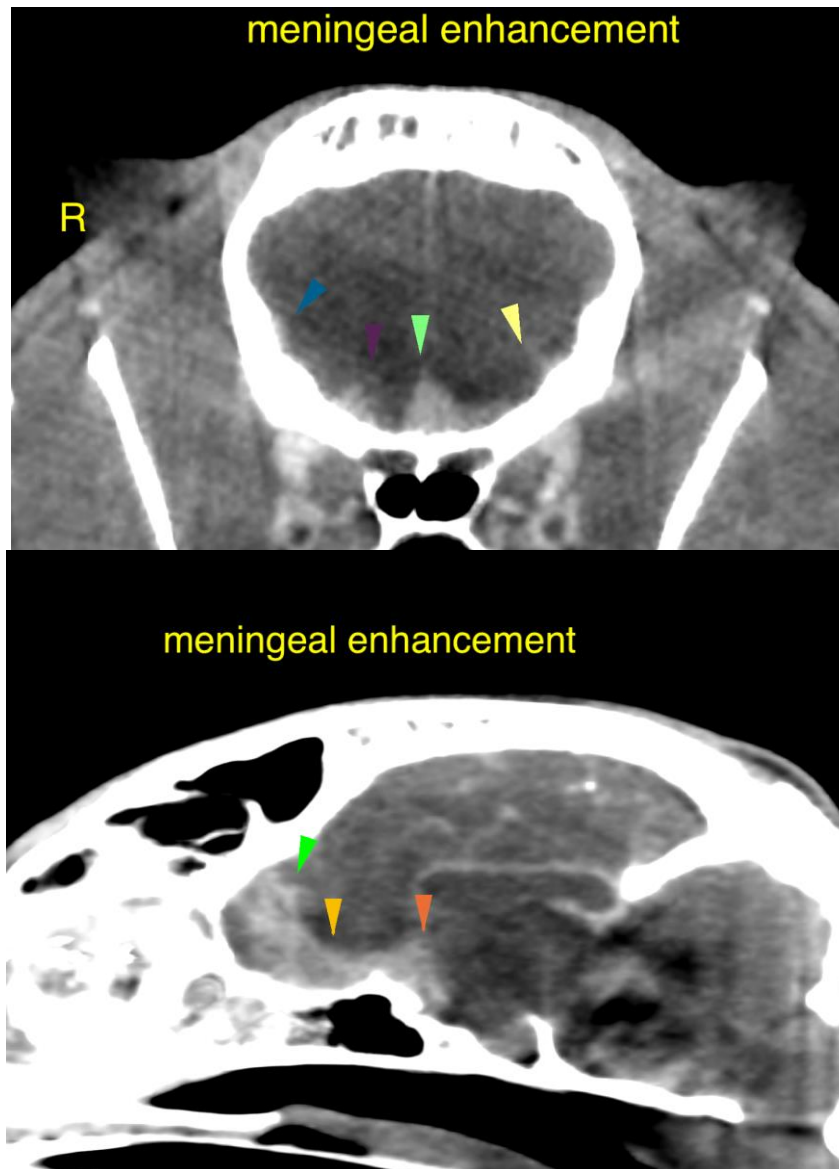
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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