



PATIENT

Bucky Liddy

PRESENTING CLINICAL SIGNS

decrease in appetite and energy bucky has not eaten properly in 15 days. Increased respiratory effort, marked nasal congestion with purulent discharge coming from both nostrils. Slight increase BV sounds but lungs clear. Horner's right eye

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Plain and post contrast studies available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Head & Neck

A large irregular shaped and ill-defined expansile soft tissue mass of approximately 4 cm diameter and 4 cm length is seen in the pharynx and presents extension into the caudal aspect of both nasal cavities as well as into both orbitae. Aggressive osteolytic changes of the skull base, pterygoid bone, bony orbitae, nasal bones, and hard palate are seen as well as turbinate destruction within the caudoventral aspect of both nasal cavities accentuating the right hand side. Fluid accumulation is noted within both frontal sinuses and nasal cavities as well as within the presphenoidal sinuses. The mass causes a severe mass effect within the nasal pharynx, oropharynx, laryngopharynx, and retropharynx and presents severe heterogeneous contrast enhancement. Mild right hand sided exophthalmos is noted.

SEX

MN

AGE

10 Years

The retropharyngeal lymph nodes are mildly enlarged on the right and left hand side.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDF

Both tympanic bullae are filled with fluid attenuating material due to obstruction of the auditive tubes.

A 7mm sized soft tissue attenuating nodule is seen in the left ventral lower neck suggesting regional lymphadenomegaly.

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Thorax

The mediastinal lymph nodes present within normal limits.

REFERRING VET

LI Spay and Neuter

Right middle lobe pulmonary atelectasis is noted. The remainder of the lung presents moderate dystelectatic changes as well as a bronchial lung pattern and multiple interstitial and subpleural bands.

INVOICE

57346

- Large pharyngeal soft tissue mass with nasal and orbital extension and aggressive biological behavior causing severe restriction of the upper airways.
- Mild bilateral medial retropharyngeal lymphadenomegaly.
- Cervical lymphadenomegaly.
- Bronchopneumopathy with interstitial scarring and right middle lobe atelectasis.

DATE

3-20-23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a large soft tissue mass meeting neoplastic criteria within the pharynx. The



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mass extends into the bilateral nasal cavities and orbitae and causes severe restriction of the upper airways which is associated with obstructive bilateral rhinosinusitis and bilateral secretory otitis media. Polyostotic aggressive osteolytic changes confirm the aggressive biological behavior and differential diagnosis includes squamous cell carcinoma, adenocarcinoma, round cell neoplasia, and soft tissue sarcoma. Final diagnosis would required sampling for histology. Note the extensive tumor growth and extension.

SPECIES

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The cervical and retropharyngeal lymphadenomegaly is equivocal for reactive hyperplasia versus metastatic disease.

BREED

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No evidence of pulmonary metastases is seen.

The findings of the lung are suggestive for chronic allergic lower airway disease or infectious bronchitis .

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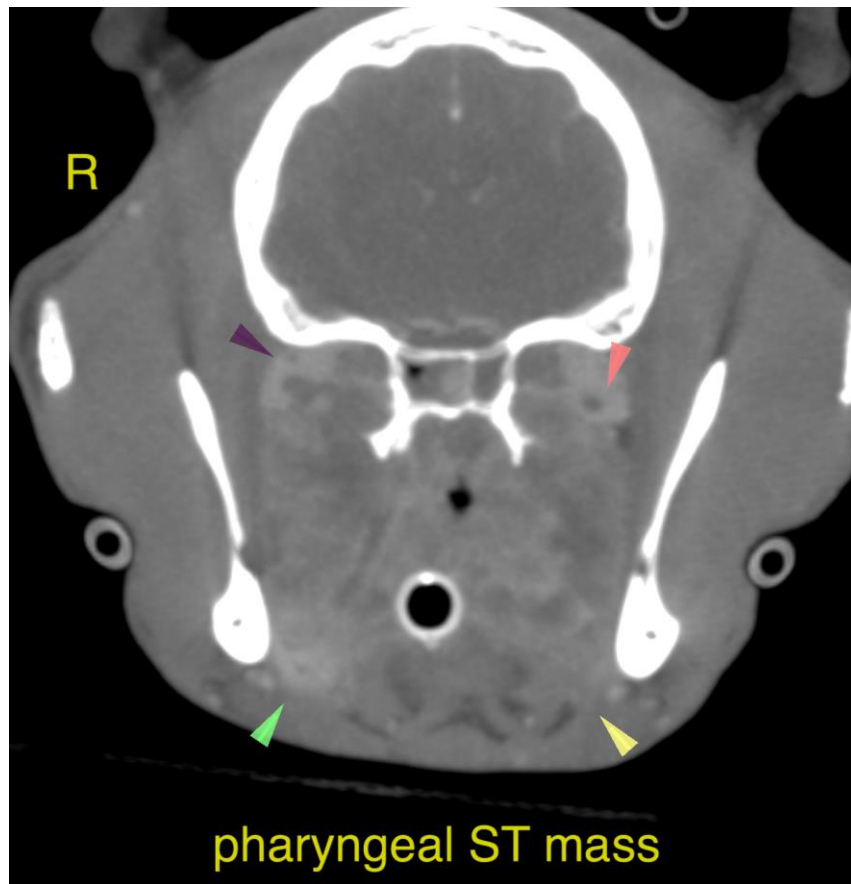
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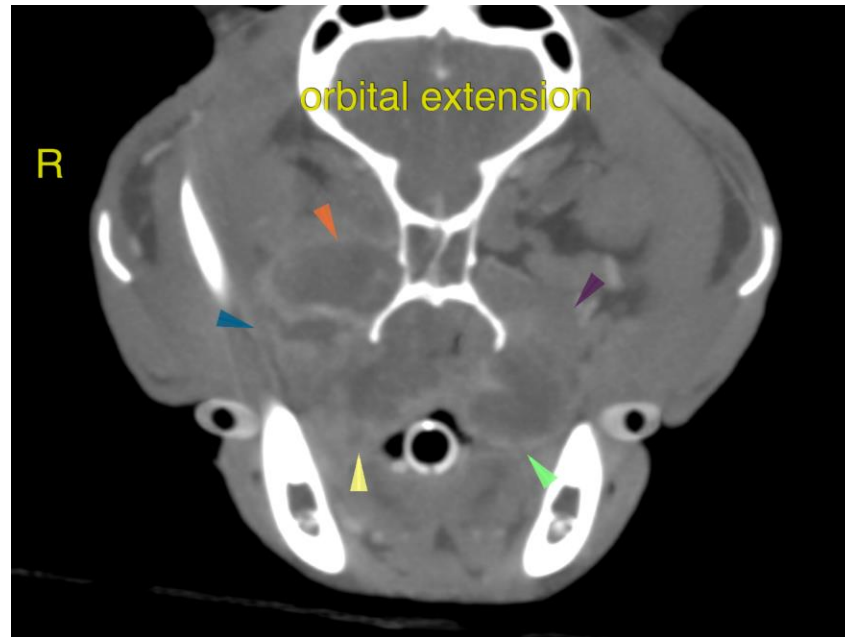
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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