



PATIENT PRESENTING CLINICAL SIGNS

Mini Me Kopp Frontal mass 2x1x1 cm in size. The facial deformity was soft and extended to the nasal planum
 Abnormal PE/Chem/CBC/UA Results: bun high tp high glob high glu high

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH **Head**

SEX
 Male An irregular shaped, ill-defined, soft tissue attenuating mass with multiple intranasal cavitations is seen within the right nasal cavity. The mass extends onto the dorsum of the nose, into the cranial vault, into the right frontal sinus, and into the left nasal cavity under polyostotic aggressive osteolysis of the nasal, maxillary, palatinal, frontal bones, and cribriform plate. The mass measures approximately 4 cm in length, 3.5 cm in height, and 1.5 cm in width.

AGE Thorax

13 Years 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.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

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

HOSPITAL NAME

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 Center

A 0.8 cm sized soft tissue attenuating nodule with heterogeneous enhancement is seen within the cranial aspect of the left cranial lung lobe. The remainder of the lung presents a mild bronchial lung pattern. No additional pulmonary nodules or masses are seen.

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Tomas Infernuso

- Soft tissue mass with aggressive biological behavior within the right nasal cavity with extension onto the dorsum of the nose, into the left nasal cavity, right frontal sinus, and early intracranial extension.
- Single pulmonary interstitial nodule.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia within the right nasal cavity with extension into the left nasal cavity, right frontal sinus, onto the dorsum of the nose, and early intracranial extension. Differential diagnosis includes adenocarcinoma, other carcinoma, lymphosarcoma, and soft tissue sarcoma. Final diagnosis would require sampling for histology.

DATE

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The single pulmonary nodule may represent metastases and less likely primary neoplasia of the lung or granuloma.



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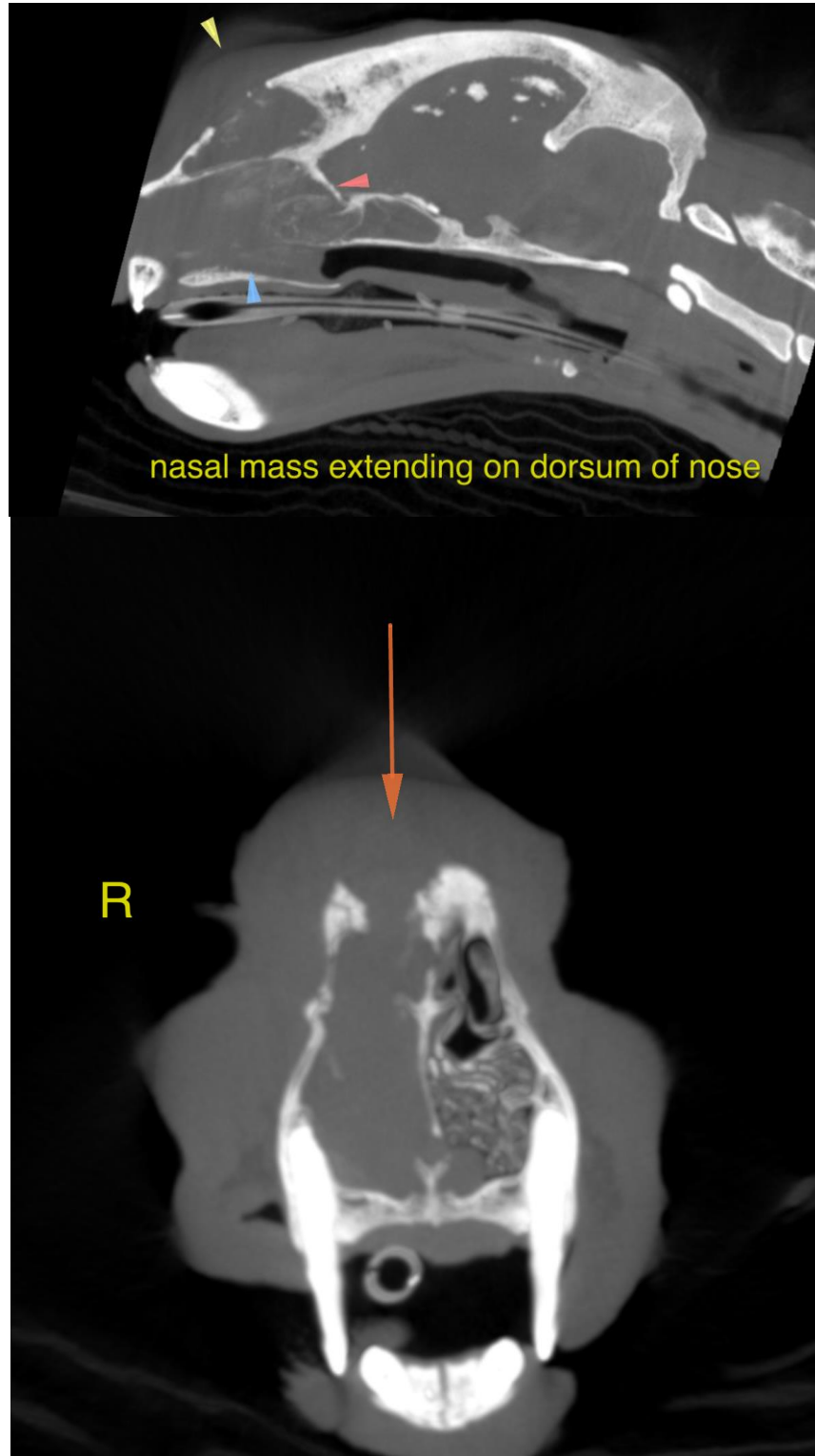
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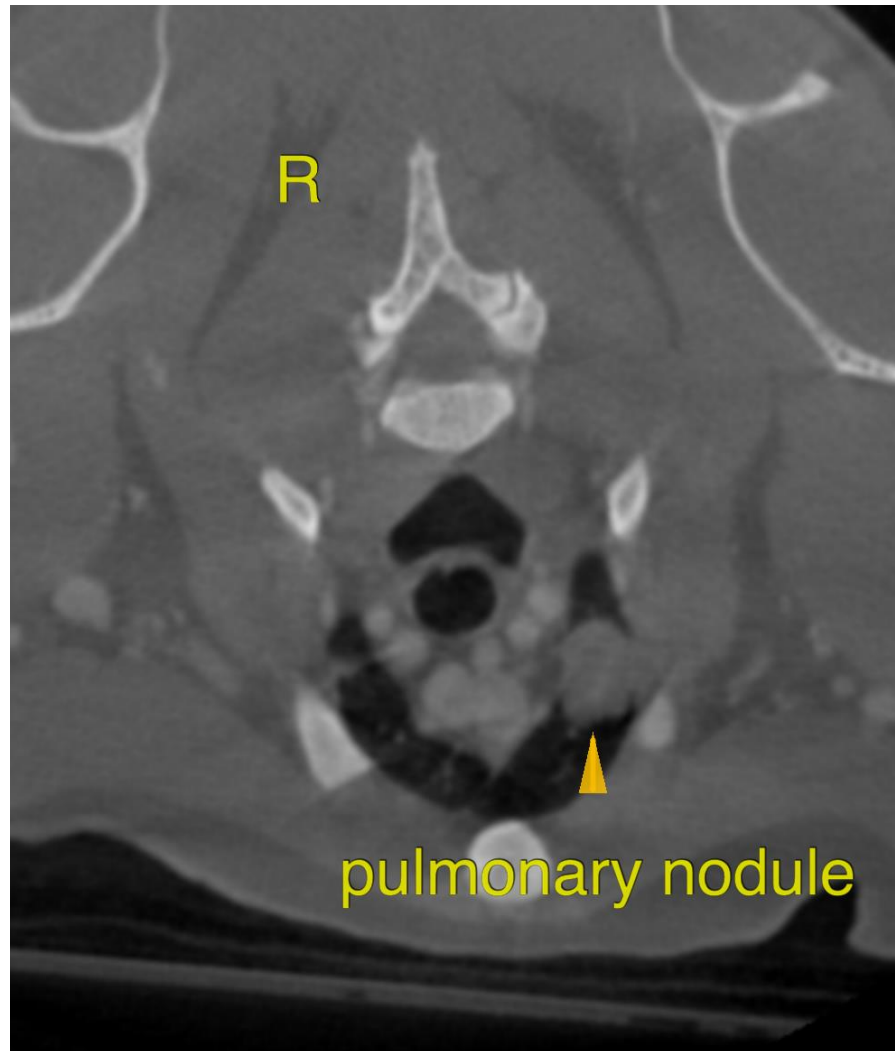
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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