



PATIENT PRESENTING CLINICAL SIGNS

Rosencrantz Segal Left-sided nasal discharge. Mass on OS.

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

SPECIES A high resolution pre- and post-contrast CT study of the skull and a post-contrast CT study of the thorax are provided for review.

Feline

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

DSH

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

SEX

Male Neutered

The left nasal cavity is obliterated by an expansile soft tissue attenuating and mild contrast enhancing mass. Advanced destruction of the left nasal conchal & turbinate structures is appreciated. The left maxillary, left palatine and left nasal bone present extensive aggressive osteolytic lesions and the nasal mass is protruding into the subcutaneous tissue along the nose and the submucosal tissue of the hard palate. In the caudal aspect the left nasal mass is bulging into the left orbit. The left frontal sinus is obliterated by non-contrast enhancing soft tissue material.

AGE

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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 ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

The left mandibular lymph nodes are prominent.

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Thorax

The bony and surrounding soft tissue structures are within normal limits.

REFERRING VET

Meaux

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 is uniform and considered within normal limits.

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

INVOICE

53449

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

DATE

8-11-22

In the pictured parts of the cranial abdomen, a mild hypoattenuating mass is seen level with the cranial pole of the left kidney.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Rosencrantz Segal

- Biologically aggressive nasal soft tissue mass originating from the left nasal cavity
- Lymphadenopathy right mandibular lymph node
- Suspect left renal soft tissue mass
- No evidence of pulmonary metastatic

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

The nasal mass is consistent with primary nasal neoplasia. Differentials include lymphosarcoma, adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, other. FNA sampling of the subcutaneous swelling or rhinoscopy including biopsy can be used as advanced diagnostic tests.

DSH

The odds for metastatic spread to the left mandibular lymph node are considered high.

SEX

Male Neutered

The soft tissue mass likely originating from the left kidney might increase the odds for underlying round cell tumor. Recommend complementing workup by an abdominal ultrasound examination ± FNA sampling of the (renal) mass.

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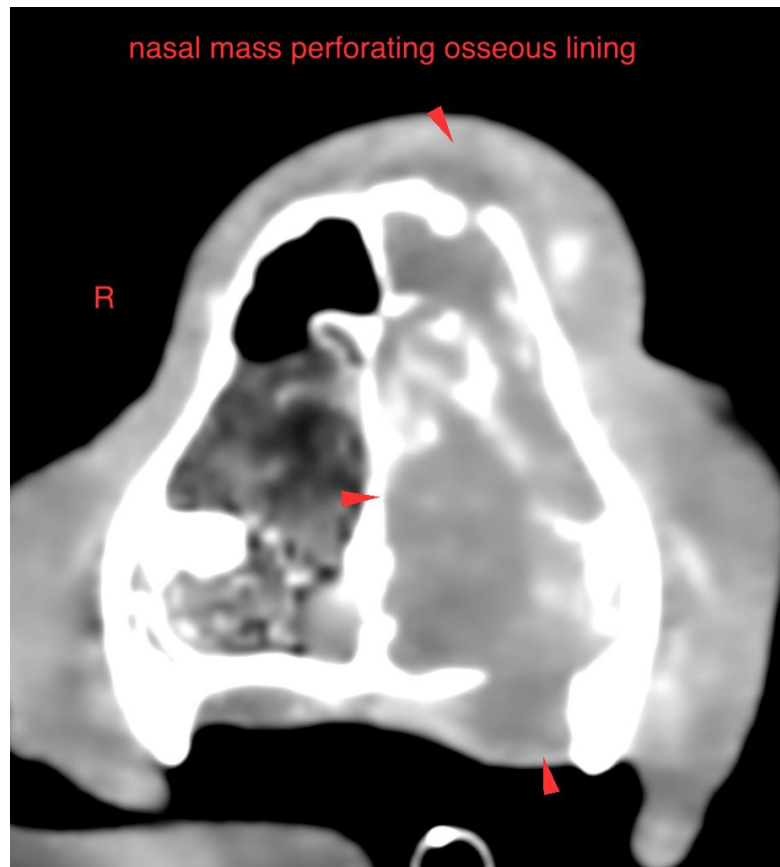
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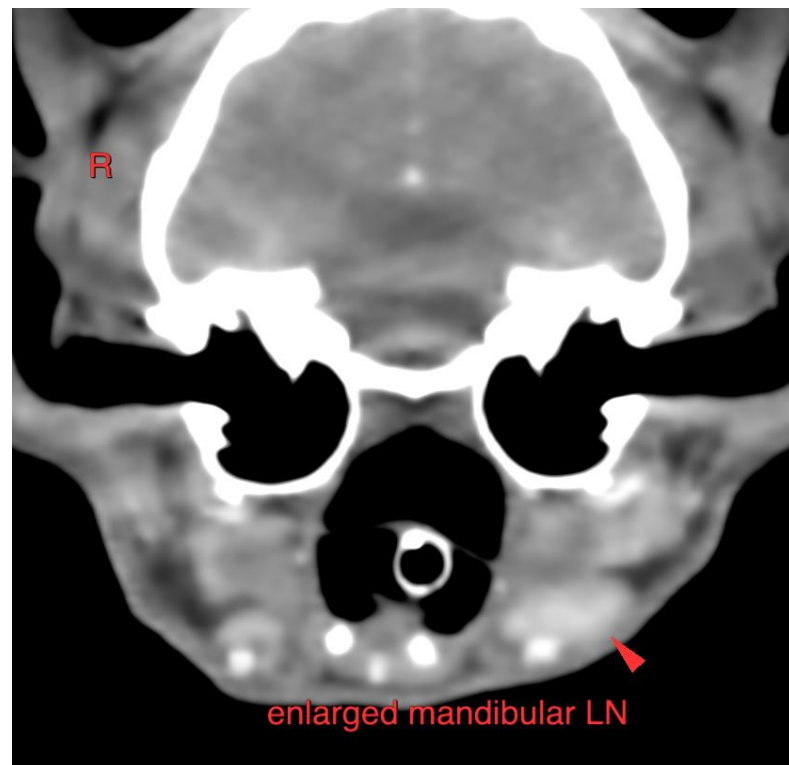
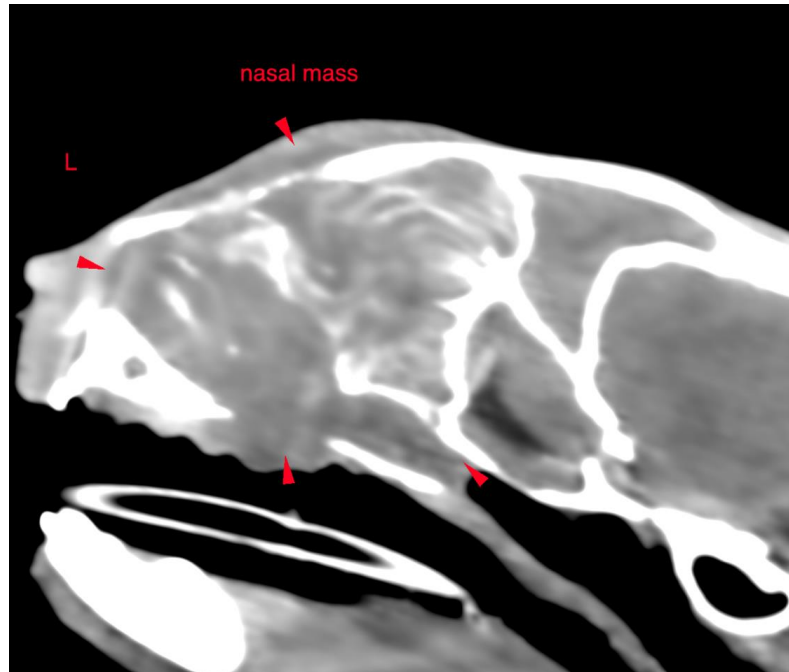
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PATIENT

Rosencrantz Segal

SPECIES

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BREED

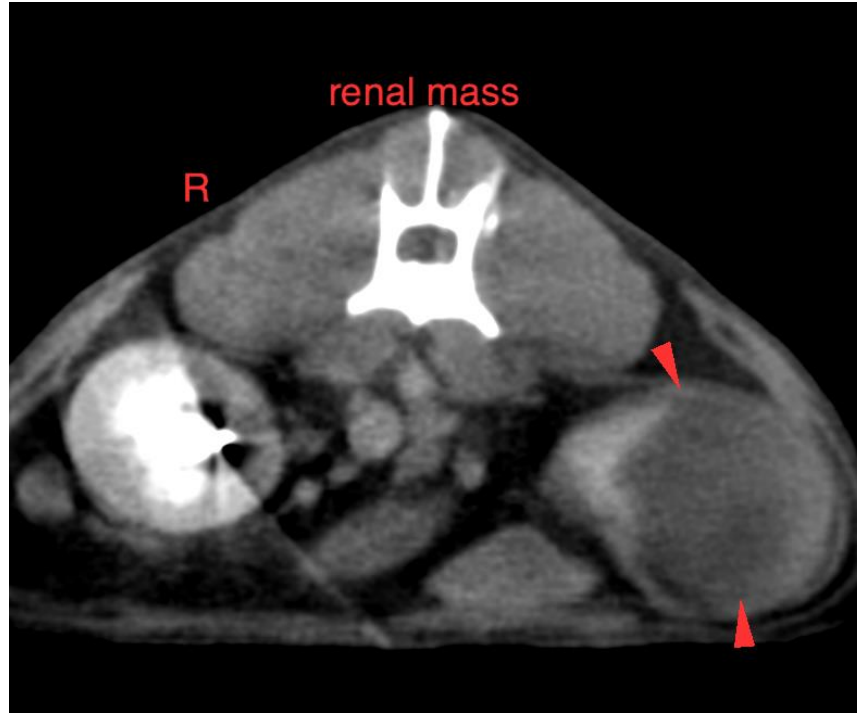
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

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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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