



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Dreamy Brooklyn Animal Action	Dreamy presented for evaluation of chronic nasal discharge for two years that did not respond to medical management.
<b>SPECIES</b>	<b>COMPUTED TOMOGRAPHIC STUDY OF THE HEAD &amp; THORAX</b>
Feline	Pre/post contrast studies provided for review.
<b>BREED</b>	<b>COMPUTED TOMOGRAPHIC FINDINGS</b>
DSH	Head:
<b>SEX</b>	Both nasal cavities present marked pooling of fluid with assumed intact underlying conches with mild deviation of the nasal septum to the right. Post contrast images indicate swelling of the turbinate mucous membranes. Fluid accumulations are more prominent on the left side reaching caudally into the nasal exit and the nasopharyngeal meatus.
Male Neuter	The mandibular and maxillary teeth present mild degenerative changes without evidence of oro-nasal fistulas. Radiopaque foreign material is not detected. Bony borders of both cavities, especially of the cribriform plate and the frontal sinuses are inconspicuous.
<b>AGE</b>	The orbital contents reveal microphthalmia on the right side with an inconspicuous periphery.
2 Years	The neurocranium shows normal findings. Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous. Both tympanic bullae are completely ventilated with a regular tympanic bulla wall. External ear canals are ventilated in all sections, walls of the external ear canals and the adjacent temporomandibular joints have no particular findings.
<b>INTERPRETED BY</b>	<b>HOSPITAL NAME</b>
Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging	Soft tissues of the head show an oval-shaped, subcutaneous, soft tissue dense mass of 1.34 cm at the level of the right bulla. Parotid salivary gland is assumed as origin. The medial retropharyngeal lymph nodes and thyroid glands are inconspicuous. The right cervical superficial lymph nodes are significantly enlarged on the right presenting a soft-tissue dense, highly irregular, rounded mass of 2.09 x 1.36 cm with at least two smaller nodules in its periphery.
<b>HOSPITAL NAME</b>	<b>REFERRING VET</b>
Animal Surgical Center	Thorax:
<b>REFERRING VET</b>	The lungs present an increased interstitial density with mild peribronchial and- vascular infiltrates. There is no evidence of nodular pulmonary lesions. The mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal. The thoracic trachea and esophagus present as expected. The heart is inconspicuous as far as can be assessed with CT. The diaphragm appears normal.
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**PATIENT**Dreamy Brooklyn  
Animal Action

The extra-thoracic soft tissues, thoracic spine as well as ribs and sternum are unremarkable. There is no evidence of bony lysis or abnormal sclerosis.

**COMPUTED TOMOGRAPHIC DIAGNOSIS****SPECIES**

Feline

- Right sided lesion of the parotid salivary gland
- Cervical lymph adenomegaly with mass formation of the right cervical superficial lymph nodes
- Increased interstitial lung density with mild peribronchial and-vascular infiltrates
- Signs of a bilateral, unspecific rhinitis pronounced on the left
- Microphthalmia right as an incidental finding

**BREED**

DSH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The displayed lesion of the right parotid salivary gland is unspecific. The correspondent enlargement of the cervical superficial lymph nodes indicates a relevant chronic-inflammatory/granulomatous or even neoplastic process. FNA/biopsy of the right cervical superficial lymph nodes is recommended for further evaluation.

**SEX**

Male Neuter

Changes of the lungs are consistent with a more chronic inflammatory process as seen with chronic bronchopneumonia/superinfected bronchitis due to feline asthma. Pulmonary infiltration is thought unlikely but cannot be ruled out completely with CT. Final assessment could be complemented with BAL for cytology and swap for microbiologic culture.

**AGE**

2 Years

**INTERPRETED BY**Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

The fluid accumulations in both nasal cavities are obvious and do reflect the reported nasal discharge. CT findings however are unspecific. There is no evidence of a “dental” rhinitis or obvious oro-nasal fistulas. Active infectious disease (bacterial/fungal) and immune-mediated issues (eosinophilic/lympho-plasmocytic inflammation) are possible differentials and often concomitant findings. Endoscopic evaluation (rule out foreign material, biopsy and swap) could be performed next.

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**SEX**

Male Neuter

**AGE**

2 Years

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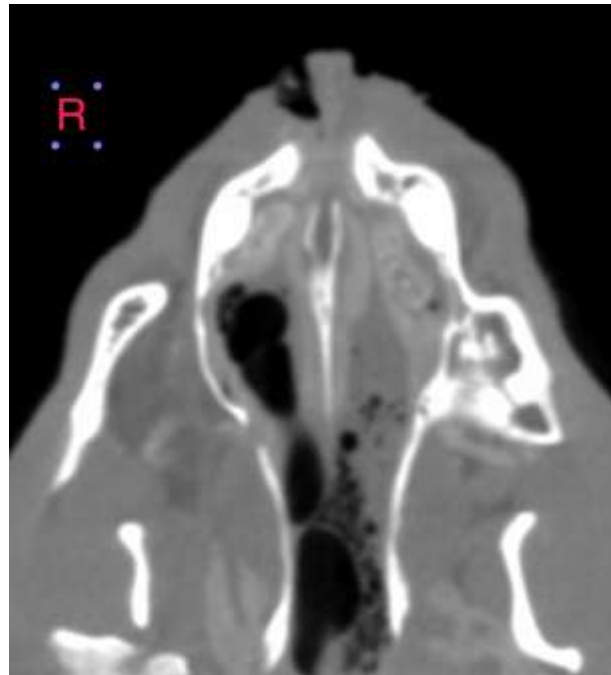
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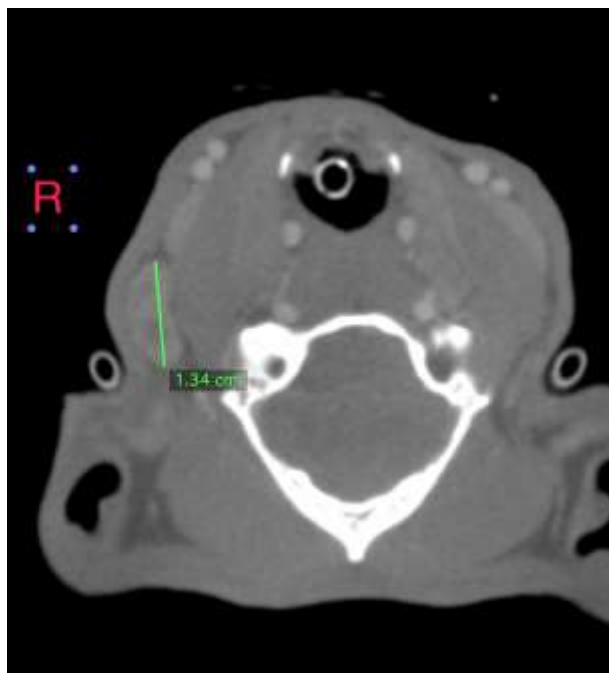
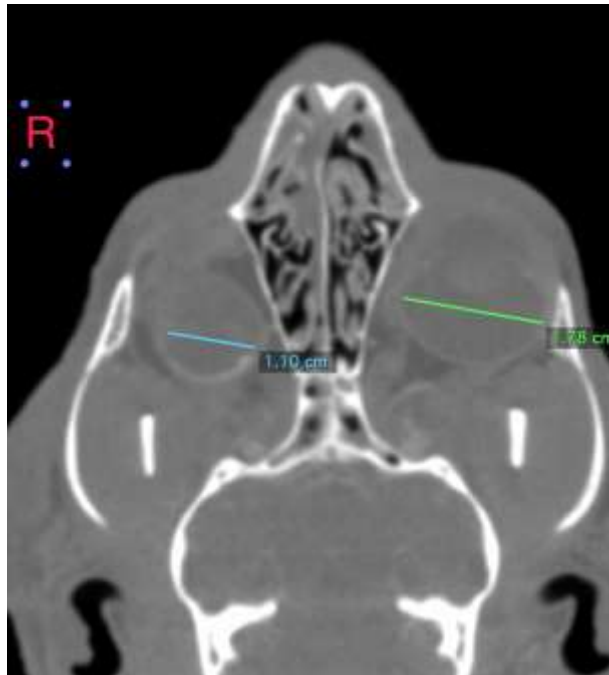
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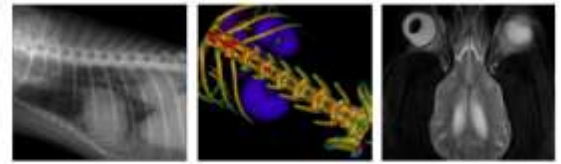
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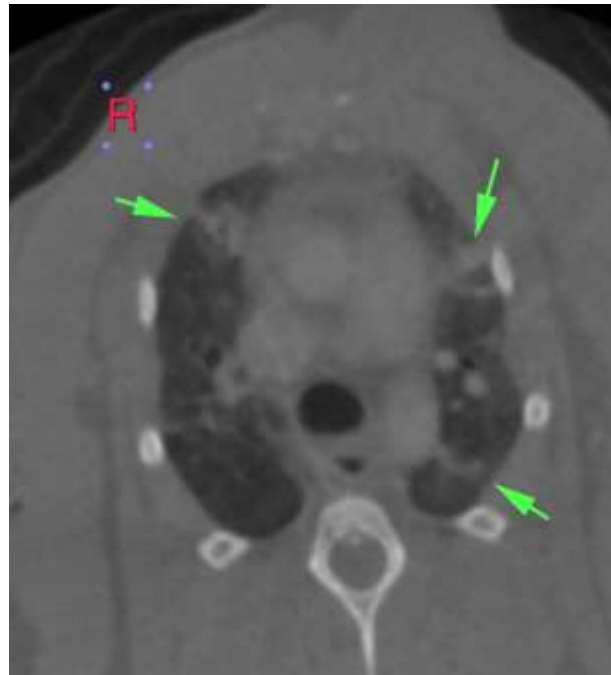
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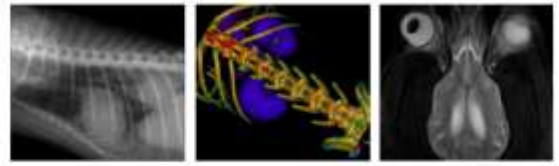
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Feline

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**BREED**

DSH

**Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging**

Sebastian.Jawinski@sonopath.com

**SEX**

Male Neuter

**AGE**

2 Years

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