



**PATIENT**

Danny DiPalermo

**PRESENTING CLINICAL SIGNS**

Patient presents for a consult for an ear polyp. Owner states that patient has had ear problems for a while. Patient had a culture done it showed staff infection. Mass on right lower lateral lip is growing over last couple weeks.

**SPECIES**

Feline

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN**

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

**BREED**

Domestic Shorthair

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

MN

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining.

**AGE**

13 Years

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The left tympanic bulla is filled with fluid attenuating material. Irregular thickening and enhancement of the peripheral mucosal lining of the tympanic bulla are seen. There is mild generalized thickening of the osseous lining of the tympanic bulla. A mild amount of fluid attenuating material and a small contrast enhancing structure is seen within the medial aspect of the left external auditory meatus.

**HOSPITAL NAME**

Suncoast Veterinary

The left medial retropharyngeal lymph node presents mild symmetric enlargement with slightly heterogeneous contrast enhancement. The submandibular lymph nodes present within normal limits.

The salivary glands present within normal limits.

**REFERRING VET**

Dr. Young

A 15mm sized soft tissue mass with multilobulated appearance and cavitation is seen lateral of the rostral right mandibular body level with the Triadan 307. Heterogeneous contrast enhancement sparing multiple fluid attenuating areas is noted. There is no evidence of aggressive osteolytic changes of the adjacent mandible; however, expansion of the right lower lip is seen.

**INVOICE**

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Both tonsils are enlarged and everted.

**Thorax**

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

**DATE**

10-28-21

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.

**PATIENT**

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

Danny DiPalermo

A moderate generalized bronchial lung pattern with occasional peribronchial cuffing and multifocal atelectatic changes are seen.

**SPECIES**

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

Feline

**Abdomen****BREED**

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Domestic Shorthair

Multiple small peripheral cortical infarcts are seen within both kidneys. A mild amount of mineral attenuating material is present within the renal diverticuli and pelvis of the right kidney.

**SEX**

The adrenal glands are within normal limits for size, shape and organ architecture.

MN

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**AGE**

Multiple variably sized masses with cystic appearance are seen throughout all divisions of the liver. The largest is seen within the left division of the liver and measures 3.0 cm in diameter.

13 Years

**INTERPRETED BY**

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**HOSPITAL NAME**

The bony and surrounding soft tissue structures reveal no abnormalities.

Suncoast Veterinary

**COMPUTED TOMOGRAPHIC DIAGNOSIS****REFERRING VET**

- Soft tissue mass with multilobulated appearance and presumed aggressive biological behavior in the right lower lip.
- Chronic left sided otitis media and externa with suspicion of early polyp formation within the left external auditory meatus.
- Mild left medial retropharyngeal lymphadenomegaly.
- Bilateral tonsillitis.
- Suspect multiple biliary cyst adenomas.
- Bilateral hypercalcemic chronic nephropathy with multiple infarcts.
- Chronic lower airway disease.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Differential diagnosis for the mass in the right lower lip includes fibrosarcoma, squamous cell carcinoma, melanoma, and other. Benign neoplasia is thought unlikely but cannot be ruled out entirely.

**SPECIES**

Feline

The CT findings furthermore suggest potential for early polyp formation within the left external auditory meatus secondary to chronic otitis media and externa.

**BREED**

Domestic Shorthair

The lymph node changes are compatible for reactive hyperplasia. Early metastatic disease cannot be ruled out entirely.

**SEX**

MN

The renal changes may not be of clinical significance. Correlation with the laboratory values recommended. Renal staging could be considered.

**AGE**

13 Years

The findings of the lung and bronchial tree are compatible with chronic lower airway disease. Further definition and/or treatment would only be indicated in case of pertinent clinical signs.

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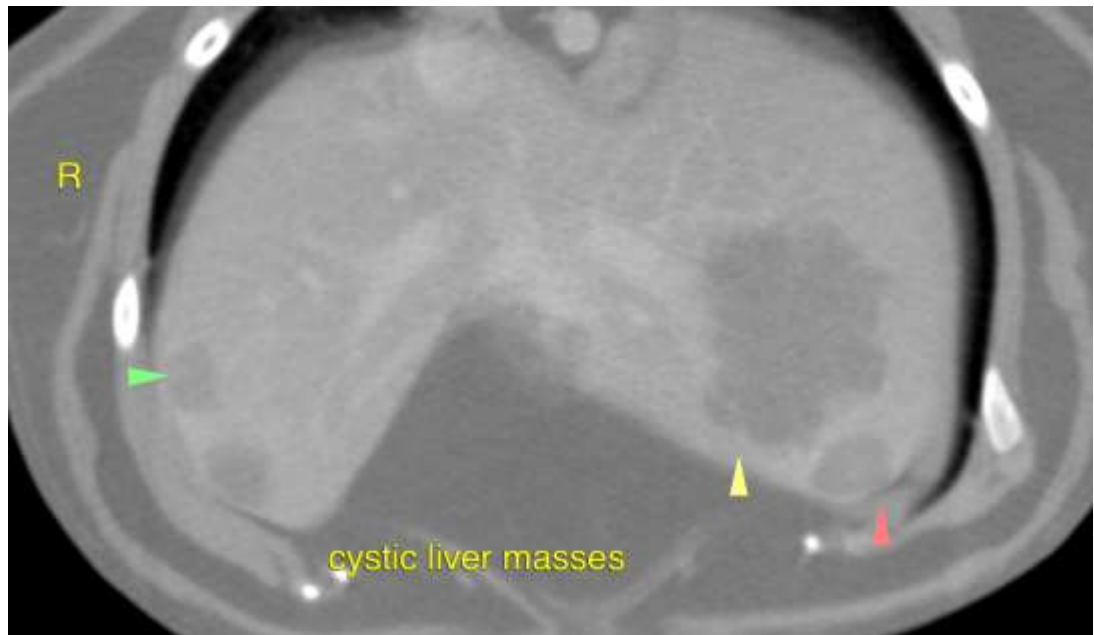
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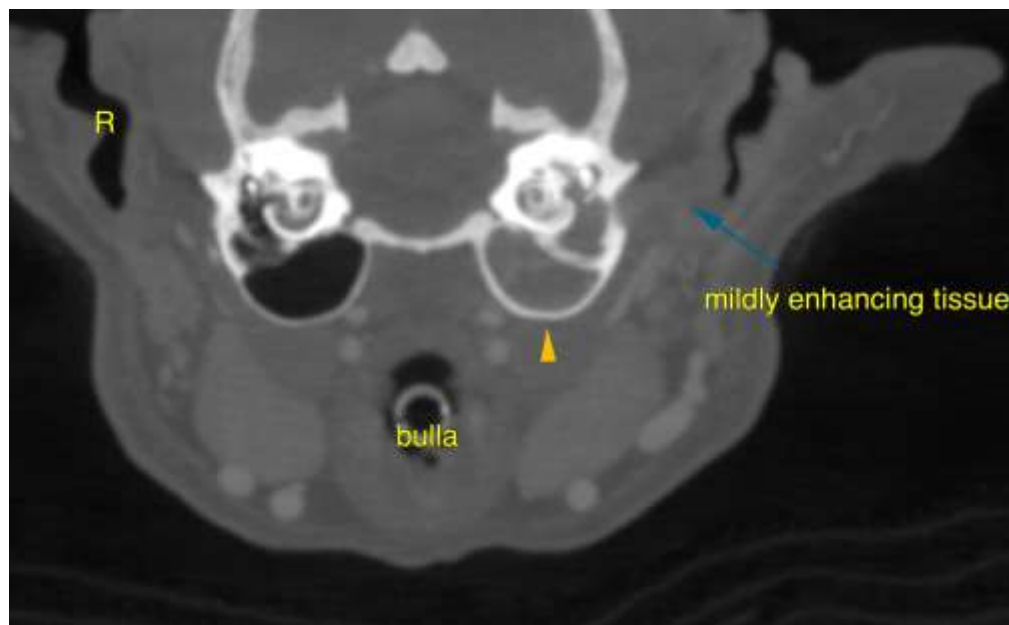
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Feline

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