



**PATIENT**

Hank Oboda

**PRESENTING CLINICAL SIGNS**

History of chronic, resistant ear infections. Performing head CT to further investigate the area. History of temporal muscle wasting - performing abdominal and thoracic CT to rule out any neoplasia.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: ALP - 213

**BREED**

German Shepherd  
Mix

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

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

**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

**AGE**

9 Years

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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 obliterated with hypoattenuating contrast negative material. A hypoattenuating structure can be seen medially within the left external auditory meatus. The osseous lining of the left tympanic bulla presents minimal generalized thickening. The right tympanic bulla contains a moderate amount of fluid attenuating material with a meniscus sign. The epithelial lining of the horizontal part of both external auditory meatuses presents moderate thickening with increased contrast enhancement and small osseous wall metaplasia.

**HOSPITAL NAME**

Catskill Veterinary  
Services, PLLC

The left medial retropharyngeal and submandibular lymph nodes are mildly enlarged.

The salivary glands present within normal limits.

**REFERRING VET**

Dr. Daniela Carbone

**Thorax**

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

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

**INVOICE**

59431

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

**DATE**

7-18-23

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.



**PATIENT** The lung parenchyma presents the expected architecture and attenuation behavior.

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

**SPECIES** **Abdomen**

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

**BREED** Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

Multiple faintly hyperenhancing small nodules are seen within the splenic parenchyma.

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

MN

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

**AGE**

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

**INTERPRETED BY** The bony and surrounding soft tissue structures reveal no abnormalities.

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic bilateral otitis media and externa.
- Possible early ear canal polyp formation on the left hand side.
- Mild left medial retropharyngeal and submandibular lymphadenomegaly compatible with reactive lymphadenitis.
- Multiple splenic nodules.
- Normal thorax.

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Dr. Daniela Carbone

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals bilateral otitis media and externa. The findings are compatible with chronic middle ear infection. The material within the medial aspect of the left horizontal external auditory meatus may represent debris or early tissue proliferation such as a polyp.

**INVOICE** The mild regional lymphadenomegaly of the left medial retropharyngeal and submandibular lymph nodes is compatible with reactive lymphadenitis.

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Further otoscopic workup is recommended.

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The thoracic screening was negative.

The splenic nodules are likely to represent benign lymphoid hyperplasia or extramedullary



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hematopoiesis. A neoplastic infiltrate cannot be ruled out entirely but is considered less likely. Ultrasound guided FNA could be considered for further definition.

**SPECIES**

Canine

**BREED**

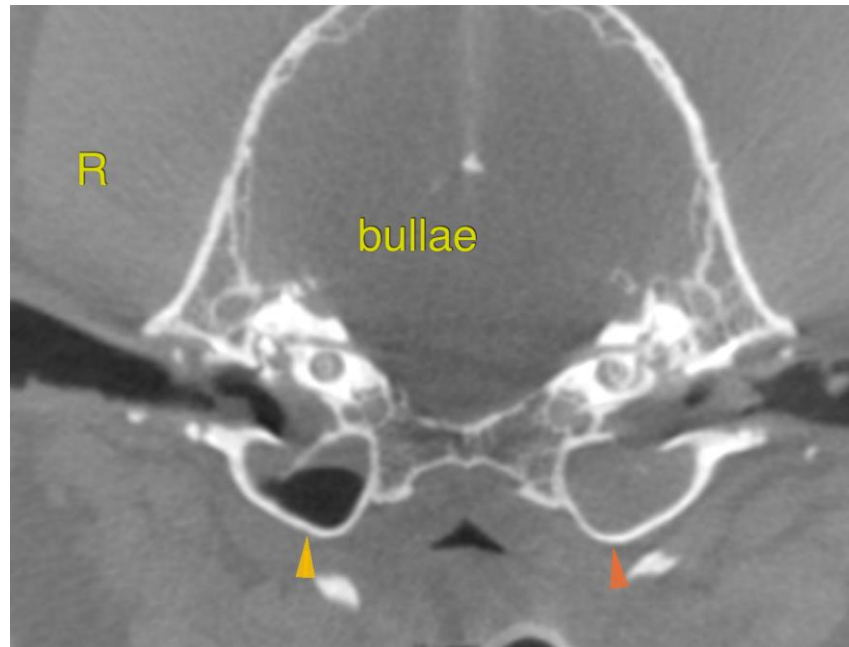
German Shepherd  
Mix

**SEX**

MN

**AGE**

9 Years



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Dr. med. Vet. DipECVDI

**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**

Catskill Veterinary  
Services, PLLC

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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**REFERRING VET**

Dr. Daniela Carbone

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