



PATIENT PRESENTING CLINICAL SIGNS

Chewie Becker Chronic ear disease, right worse than left.
Abnormal PE/Chem/CBC/UA Results: Large swelling Right side of face. Slight anemia.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Shih Tzu **Head**

SEX

Neutered Male A 4 x 4.5 cm sized irregular shaped and ill-defined mass is expanding the right external auditory meatus. The mass does not respect the limits of the external auditory meatus and extends into the peripheral soft tissues. Severe heterogeneous contrast enhancement with multifocal cavitation is seen. No evidence of aggressive osteolytic changes of the temporomandibular joint or zygomatic arch are noted. The right tympanic bulla presents within normal limits. Moderate irregular thickening of the epithelial lining of the left external auditory meatus with increased contrast enhancement is seen. A mild amount of hypoattenuating material is present within the entrance of the left tympanic bulla. The remainder of the left tympanic bulla presents within normal limits.

AGE

13 Years Moderate symmetric enlargement of the right medial retropharyngeal and mild enlargement of the right submandibular lymph nodes is noted.

INTERPRETED BY The brain presents within the expected limits.

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Abdomen

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

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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.

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

REFERRING VET

Meaux

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

Mild generalized enlargement of the liver with slightly rounded lobar margins is noted.

INVOICE

54022

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

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

DATE

9-8-22

T11/12, L2/3, and L5/6 disc hernias with focal mineralization are seen.



PATIENT There is multifocal chondroid disc degeneration.

Chewie Becker

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Large right auricular soft tissue mass with evidence of aggressive biological behavior.
- Moderate chronic left sided otitis externa.
- Mild to moderate right submandibular and medial retropharyngeal lymphadenomegaly.
- Mild generalized hepatomegaly.
- Multifocal chondroid disc degeneration
- Mineralized disc hernias T11/12, L2/3, L5/6.

BREED

Shih Tzu

SEX

Neutered Male

AGE

13 Years

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals an expansile cavitated soft tissue mass with aggressive biological behavior within and circumferential to the right external auditory meatus. The findings meet neoplastic criteria. Differential diagnosis includes ceruminous cell carcinoma, squamous cell carcinoma, round cell neoplasia, and soft tissue sarcoma. Final diagnosis will require sampling for histology.

The changes of the left external auditory meatus are compatible with chronic inflammatory hyperplasia.

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease. Consider fine needle aspiration for further definition.

Differential diagnosis for the hepatomegaly includes metabolic/endocrine/vacuolar hepatopathy. Diffuse neoplastic infiltrate is a potential but less likely differential diagnosis. Correlate with the laboratory values.

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PATIENT

Chewie Becker

SPECIES

Canine

BREED

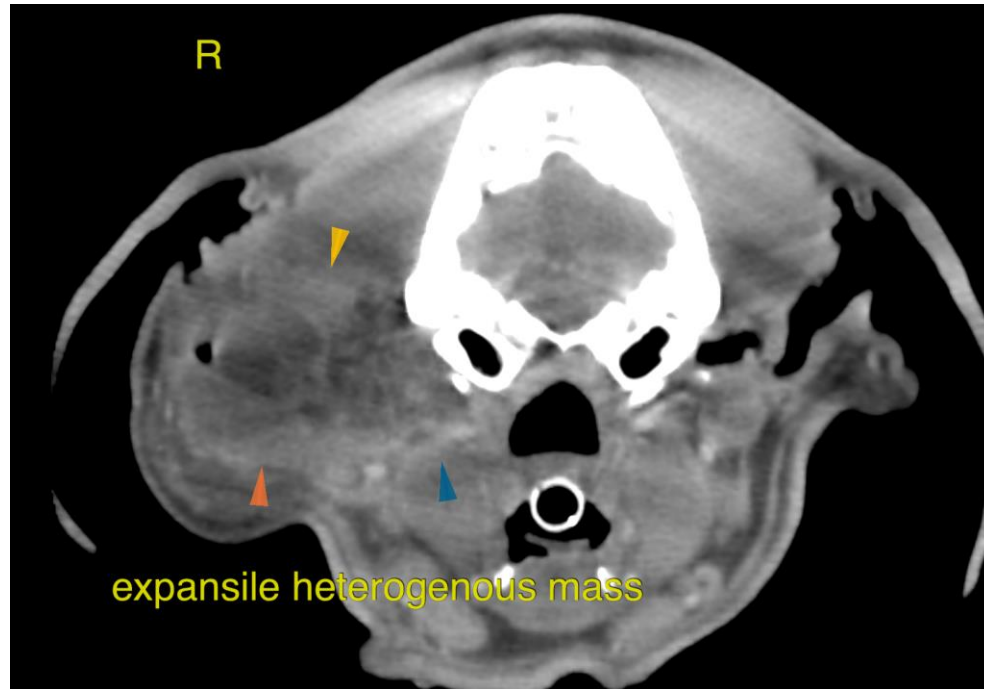
Shih Tzu

SEX

Neutered Male

AGE

13 Years



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.

INTERPRETED BY

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DipECVDI

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.

HOSPITAL NAME

Mobile Pet Imaging

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