

PATIENT PRESENTING CLINICAL SIGNS

Gidget Russell Large mass detected in ear canal on physical exam on 09/16/2025. Owners report it has grown significantly in the past month and is bleeding when patient scratches it. CT scan prior to ear mass removal + thorax for metastasis check.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: RETIC 115 K/uL, NEU 12.11 K/uL, MONO 1.62 K/uL, PLT 594 K/uL, PCT 0.71%, ALKP 3122 U/L, TP 8.3 g/dL, AMYL 424 U/L

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & HEAD

BREED

Chihuahua

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

HEAD

FS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchyma 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.

AGE

6yr

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

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

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

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

HOSPITAL NAME

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The salivary glands present within normal limits.

A 20 by 10 mm sized irregular cauliflower shaped ill defined soft tissue mass is seen in the left external auditory meatus. The mass appears to arise from the ear canal wall and is strongly contrast enhancing. Expansion of the ear canal is noted. The mass appears to originate from the depth of the vertical canal to the level of the pinna. Moderate thickening of the epithelial lining of the ear canal surrounding the mass is seen. Fluid attenuating material is present within the depth of the horizontal canal.

REFERRING VET

Dr Keats

Moderate periodontal changes are noted at teeth 107, 109, 209 and 210. Generalized alveolar bone atrophy and dental plaques are noted.

INVOICE

22996

THORAX

A single cranial mediastinal lymph node is mildly enlarged.

DATE

11/19/2025

The left cranial lung lobe presents lobar atelectasis. No evidence of pulmonary nodules is identified. The cardiovascular structure is present within normal limits.



PATIENT Mild flattening of the thoracic trachea is noted.

Gidget Russell The patient's body condition score is heavily elevated.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Soft tissue mass of the left ear canal likely neoplastic with concurrent chronic otitis externa.
- Left cranial lung lobe atelectasis
- Mild single cranial mediastinal lymphadenomegaly
- Signs of dynamic tracheal disease
- Multifocal dental disease.

BREED

Chihuahua

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

SEX

FS

The CT study reveals a strongly enhancing soft tissue mass within the left external auditory meatus extending to the pinna. Imaging findings suggest a locally aggressive or proliferative lesion. Definitive characterization requires histopathologic examination. Differential diagnosis includes adenoma, adenocarcinoma and other soft tissue neoplasia. The findings are less typical of a polyp. Evidence of lymph node or pulmonary metastasis is not noted.

AGE

6yr

The mediastinal lymph node enlargement suggests reactive hyperplasia rather than metastatic disease.

The left cranial lung lobe atelectasis is likely secondary to airway obstruction or reduced ventilation related to positioning and general anesthesia.

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Consider surgical removal of the left ear canal mass pending histopathology results.

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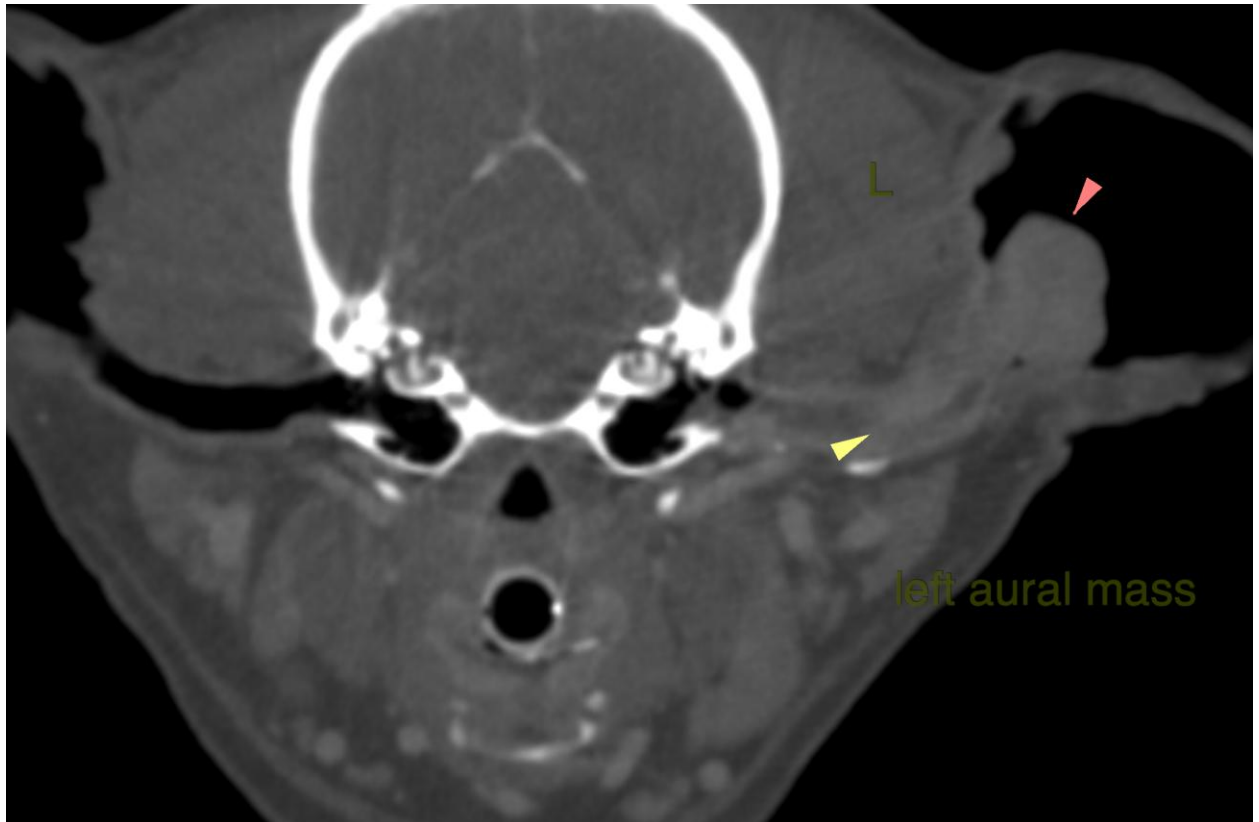
Dr Keats

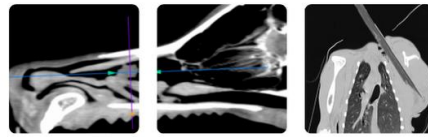
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PATIENT

Gidget Russell **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.**

SPECIES

Canine 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

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