



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Titan Courage
SPECIES Canine
BREED Husky Mix

Titan, an 8 year old male neutered Husky cross, presented to Animal Health Partners on September 21st, 2021 for a mass in the right ear canal. Titan has a history of allergies and ear infections. His ear infections are always on the right hand side. No balance issues, no vomiting. Immunotherapy Allergy Serum – 0.5cc weekly Gabapentin 400mg – 2 tablets today in preparation for appointment Trazodone 150mg – 2 tablets the night before and day of appointment Mometamax – right ear once daily Thyro Tabs 0.4mg – 1 tablet twice daily Dexamethasone 4mg – ½ tablet every other day TrizEDTA – right ear once daily ProHex2 Shampoo – every 2 weeks Other health issues Skin allergies and ear polyp
 Abnormal PE/Chem/CBC/UA Results:

COMPUTED TOMOGRAPHY OF THE SKULL AND THORAX

A high resolution pre- and post-contrast CT study of the skull and thorax are provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX MN
Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

AGE 8

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

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

HOSPITAL NAME

Animal Health Partners

In the right tympanic bulla, a very mild amount of non-contrast enhancing soft tissue material is attached to the mucosal lining. Moderate thickening of the wall of the right external ear canal is seen. The medial aspect of the horizontal part of the right external ear canal is occupied by an ovoid shaped moderate contrast enhancing mass. Both external ear canals present mild to moderate mineralization.

REFERRING VET

Dr. Alison Little

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

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Thorax

Multifocal mild spondylosis formation is seen along the thoracic spine.

DATE

9-21-21

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 is uniform and considered within normal limits.

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

**PATIENT**

Titan Courage

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

SPECIES

Canine

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

BREED

Husky Mix

Post contrast administration, the right lateral liver lobe, adjacent to the caudal vena cava, a patchy contrast enhancing parenchymal lesion measuring 5.0 x 4.2 x 4.0 cm in size.

COMPUTED TOMOGRAPHIC DIAGNOSIS**SEX**

MN

- Polypoid mass horizontal segment right external ear canal
- Right sided chronic otitis externa
- Bilateral dystrophic mineralization of external ear canals
- Contrast enhancing parenchymal lesion right lateral liver lobe – adjacent to caudal vena cava
- No evidence of pulmonary metastatic disease

AGE

8

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with the history of a mural mass in the right external ear canal – horizontal segment – and both benign inflammatory polypoid proliferation of the epithelial lining or neoplastic transformation – such as ceruminous gland carcinoma/adenoma, squamous cell carcinoma, melanoma – are potentials. The mass is contained within the external ear canal. Otoscopy including biopsy can be used as advanced diagnostic tests. A right sided total ear canal ablation is considered as therapy of choice.

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Partners

There is a parenchymal abnormal contrast enhancing area in the right lateral liver lobe and regeneration nodule is the top differential. However, neoplastic transformation is a consideration and ultrasound including FNA sampling/biopsy can be tried as next diagnostic steps. Surgical excision of the respective area is not feasible, as it is in direct contact with the caudal vena cava.

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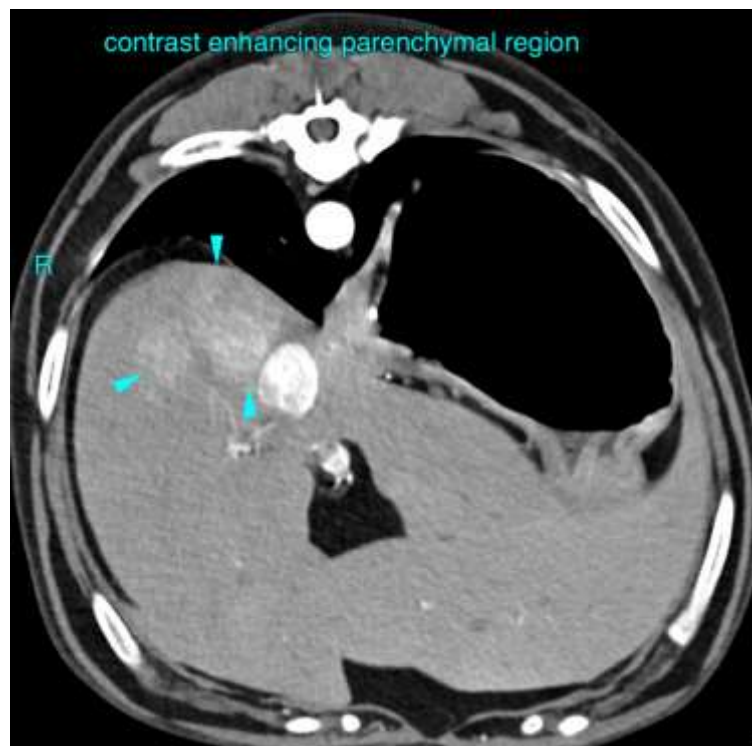
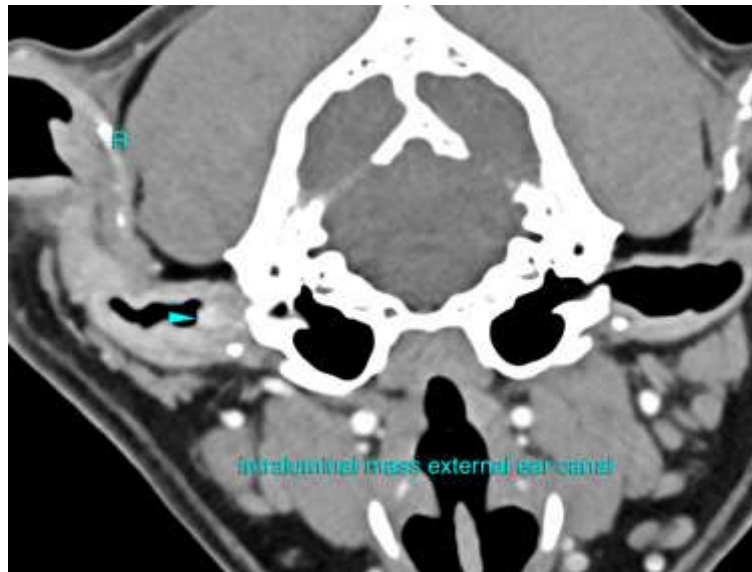
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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