



PATIENT PRESENTING CLINICAL SIGNS

Sugar Chrispin
SPECIES Sugar presents to MVCT for a CT of her skull & thorax. Pre- and 1 minute post- contrast studies sent in both soft tissue & bone algorithm. rDVM found a mass in R ear canal after presenting for an ear infection. Ear infection minimally responsive to topical medications. CT requested to evaluate extent of mass & look for signs of metastasis. Bloodwork unremarkable. Currently on a tapering dose of Prednisolone (0.5mg/kg) and topical Baytril Otic.

Feline

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

BREED

A pre- and post-contrast CT study of the skull and thorax in a bone and soft tissue reconstruction are provided for review.

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Skull

SEX

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

FS

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

AGE

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

19

The right tympanic bulla is obliterated by soft tissue attenuating material, the osseous lining of the right tympanic bulla is mildly thickened and smooth. The horizontal segment of the right external ear canal is filled with soft tissue attenuating and moderate contrast enhancing material; in the medial aspect the mass is extending into the lateral compartment of the right tympanic bulla.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The medial compartment of the left tympanic bulla contains fluid attenuating material. The osseous lining of the left tympanic bulla is smooth and thin.

HOSPITAL NAME

Mobile Veterinary CT

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.

REFERRING VET

Samantha Donato

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.

Thorax

INVOICE

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

55498

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.

DATE

12-1-22

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

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

Sugar Chrispin

The lung parenchyma presents the expected architecture and attenuation behavior.

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

SPECIES

Feline

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass right external ear canal – possible base in the right tympanic bulla
- Bilateral otitis media, R>L
- Normal thorax, no evidence of pulmonary metastatic disease

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The soft tissue mass in the right external ear canal can present an inflammatory polyp or neoplastic disease originating from the right external ear canal (e.g. ceruminous gland adenocarcinoma, squamous cell carcinoma). Recommend biopsy for further differentiation – based on the dignity traction technique to remove the polyp or total ear canal ablation in case of malignant mass are potential treatment options.

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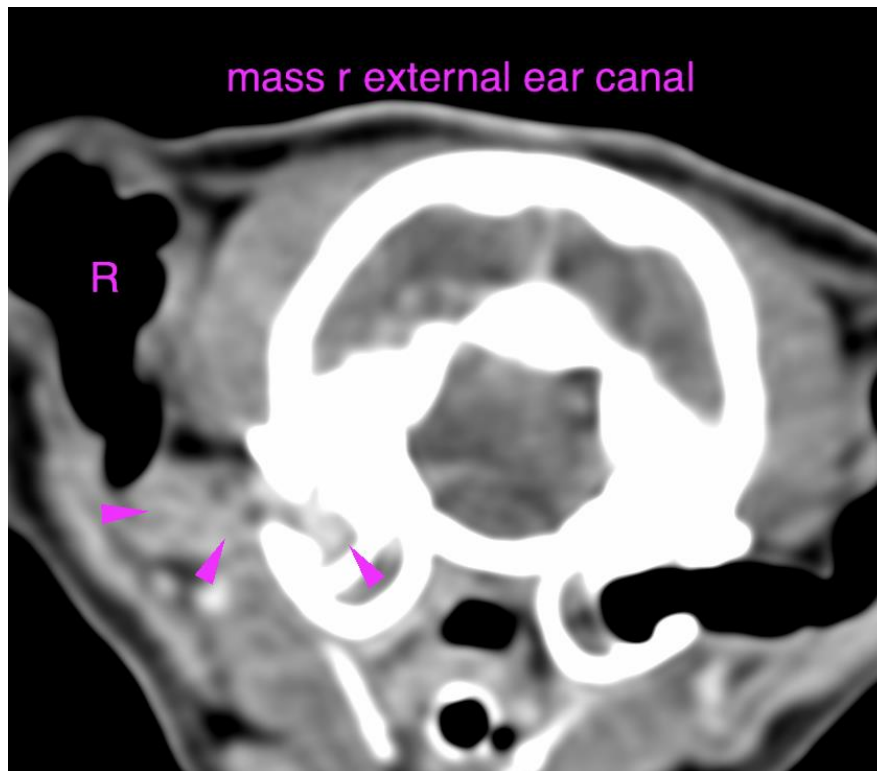
Samantha Donato

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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.

SPECIES

Feline

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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