



PATIENT

Josie Kwasny

PRESENTING CLINICAL SIGNS

Owner found a small moveable mass, ~3cm in diameter, cranio-lateral to the right zygomatic arch a few weeks ago. FNA revealed spindle cell proliferation. Pathologist recommended CT and biopsy.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

BREED

Labrador

COMPUTED TOMOGRAPHIC FINDINGS

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

In the subcutaneous tissue at the lateral aspect of the right zygomatic arch, a discoid, uniform soft tissue attenuating and homogeneous contrast enhancing mass is visible, measuring 31 x 12 x 27 mm in size. The mass has a broad contact with the zygomatic arch at the same level; there is no evidence of osteolysis or periosteal new bone formation.

SEX

FS

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

AGE

8 Years, 6 Months

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals present mild to moderate shell-like mineralization of the wall.

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.

HOSPITAL NAME

Bluegrass Veterinary
Specialists

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Gover

- Small soft tissue mass lateral aspect right zygomatic arch without signs for osseous involvement
- Dystrophic mineralization external ear canals bilaterally

INVOICE

52660

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small soft tissue mass is fitting the history, but CT findings are not specific and benign granuloma, fibroma or early stage of sarcoma are considerations here. Clinically the mass is movable, indicating that it is not attached to the zygomatic arch and excision biopsy is recommended.

DATE

6-30-22



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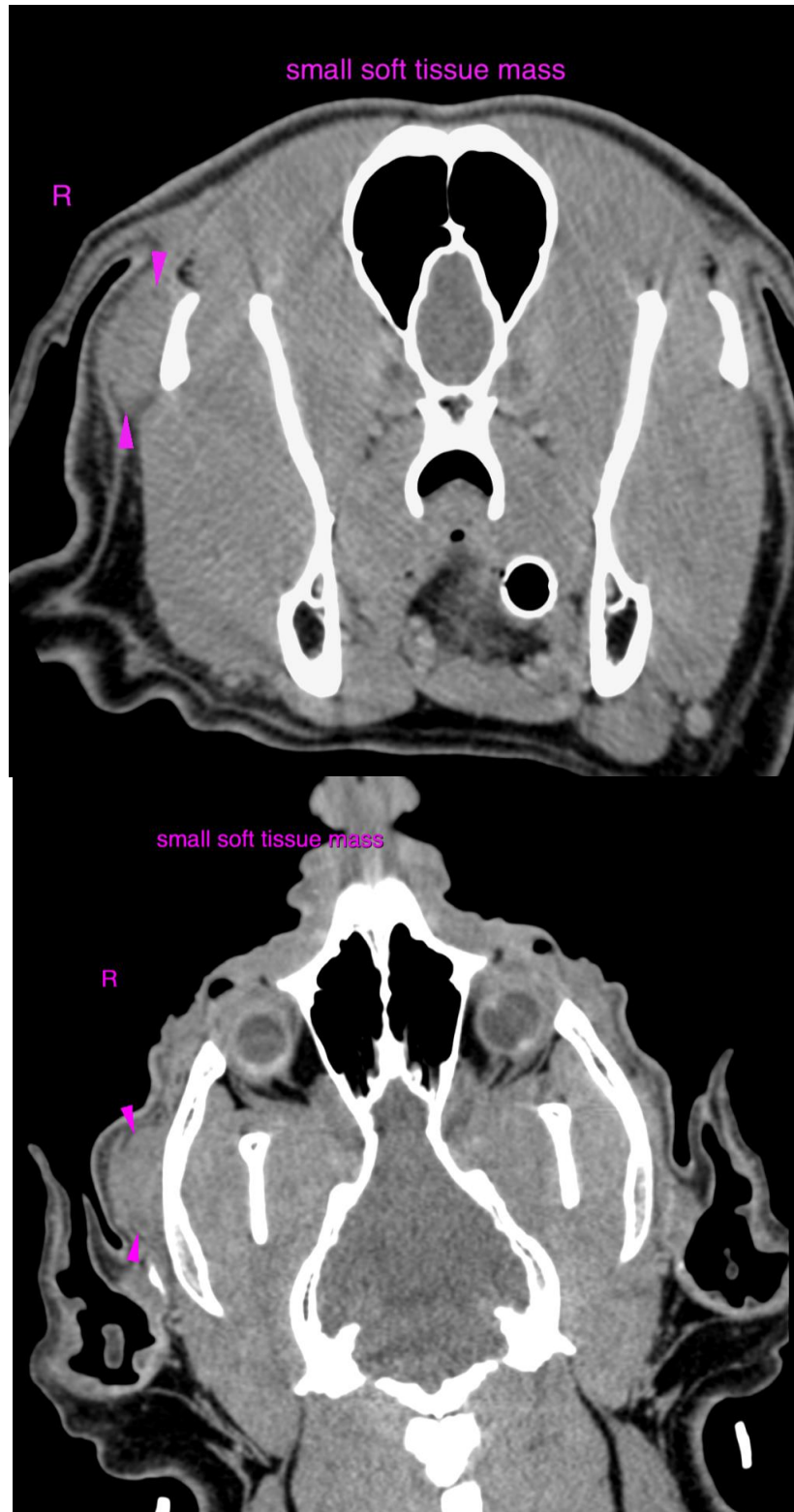
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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FS

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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