



PATIENT

PRESENTING CLINICAL SIGNS

Apollo Vostrirancky

November 2021, pet had a MCT removed from upper R eyelid. Biopsy showed subcutaneous MCT, incomplete excision, low mitotic count (0-1), no vascular invasion. The prognostic panel favored a less aggressive MCT (circumscribed, no multinucleation, C-KIT PCR 11K9: negative, KIT pattern 1, Ki67: 6, AgNors/ cell: 1.3, AgNORx Ki67: 7.9). No further treatments were pursued. Mid October 2022, owner's noted a swelling at the site of the MCT removal. FNA on 10/22/22 showed mast cells on cytology. Pet was started on Benadryl and consultation with a veterinary oncologist was recommended. The owner elected to pursue a full body scan/ CT to check for metastatic disease prior to oncologist appointment.

SPECIES

Canine

BREED

American Staffordshire Terrier

Abnormal PE/Chem/CBC/UA Results: Chem 17, CBC, Lytes- WNL

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

SEX

MN

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Triadan 208 is absent.

AGE

7 Years, 4 Months

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. Very mild atrophy of the right nasal conchal structures is noted.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

A mild intracutaneous swelling, measuring 6mm diameter, of the right upper eyelid is appreciated.

HOSPITAL NAME

Wilson Veterinary Hospital

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. A small amount of soft tissue material is seen in the medial aspect of both external ear canals.

REFERRING VET

Nucci Veterinary Clinic

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.

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

Moderate granular mineralization of the tendon of the right supraspinatus muscle is appreciated.

INVOICE

54909

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

11-1-22

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



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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.

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The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization and dystelectasis of the most caudodorsal aspects of the lung parenchyma.

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

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Abdomen

American Staffordshire Terrier

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

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.

SEX

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

MN

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

AGE

7 Years, 4 Months

Between the left kidney and the spleen, a small (5.6 mm in diameter), well-defined nodule, presenting the same attenuation and contrast enhancement pattern like the spleen is seen.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

The bony and surrounding soft tissue structures reveal no abnormalities.

HOSPITAL NAME

Wilson Veterinary Hospital

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of mast cell tumor right upper eyelid – with reoccurrence of focal cutaneous swelling
- Calcifying tendinopathy right supraspinatus muscle
- Mild bilateral otitis externa
- Absent triadan 208
- Suspect small Splenunculus (accessory spleen), incidental finding
- Normal thorax

REFERRING VET

Nucci Veterinary Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The current CT study is negative for metastatic disease. However, recommend complete tumor staging by FNA sampling of the tributary lymph nodes of the skull and FNA sampling of the liver and spleen.

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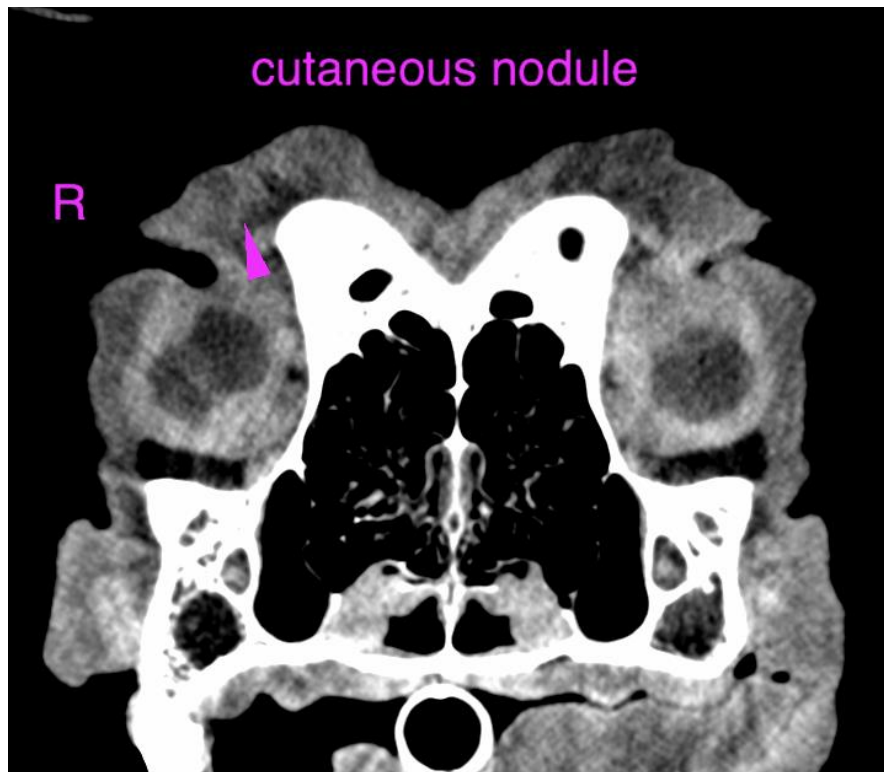
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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