



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Ruger Kiser
SPECIES Canine
AGE 9 Years
SEX Neutered Male

History: Ruger presented with a 2-month history of a mass arising from the tongue base on the caudal right side. The mass is large and extends ventrally between the mandibles. He is excessively licking and smacking his mouth, especially after eating. He has a great appetite and good energy levels. Previous diagnosis: Low grade liposarcoma, tongue base Purpose of CT scan: Staging, surgical excision Location of CT scan: Head Mass (behaviors): Has not grown since the mass was found. Therapies tried and response: No Current medication: SAMeLQ, Ursodiol

BREED Mixed
SEX Neutered Male

Abnormal PE/Chem/CBC/UA Results: PE: A 5-6 cm diameter mass is palpable at the base of the tongue between the mandibles. The mass is moveable and can be displaced into the oral cavity. A diffuse swelling is present over the lumbar spine. Lab: Blood work is dated 2/10/22. CBC - PCV = 46.6%, WBC = 12800, neutrophils = 8990, lymphocytes = 3200, monocytes = 430. Platelets = 132,000. Chemistry - Total Protein = 7.8, Albumin = 4.7, ALP = 587, GGT = 80, Total Bilirubin = 2.7, ALP = 420, all else normal. Urinalysis - not provided. Biopsy of tongue base mass: low grade liposarcoma

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

AGE 9 Years

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

COMPUTED TOMOGRAPHIC FINDINGS

INTERPRETED BY Skull

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

Triadan 102, 105, 201, 205, 310 and 410 present a moderate widening of the periodontal space. At the right rostral aspect of the hyoid apparatus, in the soft tissues of the base of the tongue, a roundish soft tissue attenuating and heterogeneous contrast enhancing mass, measuring up to 3.6 cm in diameter is visible.

HOSPITAL NAME

VetMed Consultants

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

REFERRING VET

Kristie Ellis

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. The external ear canals are within normal limits.

INVOICE

14283

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.

DATE

3/10/22



PATIENT	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.
Ruger Kiser	
	Thorax
SPECIES	The bony and surrounding soft tissue structures are within normal limits.
Canine	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.
BREED	The cardiovascular structures including the pulmonary vasculature are within normal limits.
Mixed	
	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.
SEX	The lung parenchyma presents the expected architecture and attenuation behavior.
Neutered Male	
	Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.
AGE	Abdomen
9 Years	
	The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.
INTERPRETED BY	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.
Sebastian Schaub, DVM Dr. med. vet. DipECVDI	
	The adrenal glands are within normal limits for size, shape and organ architecture.
HOSPITAL NAME	Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.
VetMed Consultants	
	The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.
REFERRING VET	
Kristie Ellis	The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.
INVOICE	The bony and surrounding soft tissue structures reveal no abnormalities.
14283	COMPUTED TOMOGRAPHIC DIAGNOSIS
	<ul style="list-style-type: none"> • Sublingual soft tissue mass, level with base of tongue
DATE	
3/10/22	



PATIENT

Ruger Kiser

- Periodontal disease 102, 105, 201, 205, 310 and 410
- Structural normal thorax, no evidence of pulmonary metastatic disease
- Structural normal abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The findings are consistent with soft tissue neoplasm at the base of the tongue, regarding the history liposarcoma has been diagnosed – although no fat attenuating regions are noted throughout the mass. Complete surgical excision of the mass appears feasible, the margins are well defined.

BREED

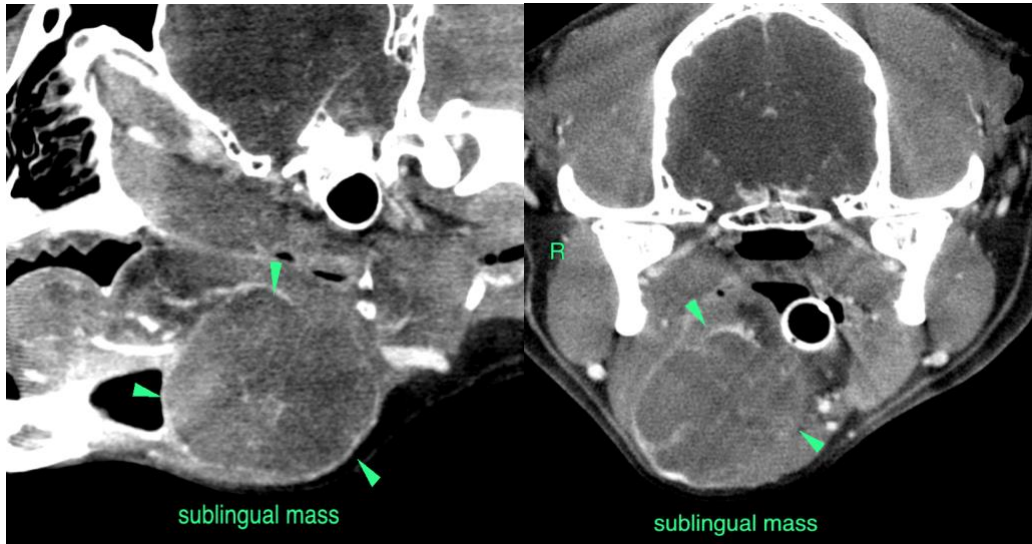
Mixed

SEX

Neutered Male

AGE

9 Years



INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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.

HOSPITAL NAME

VetMed Consultants

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.

REFERRING VET

Kristie Ellis

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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INVOICE

14283

DATE

3/10/22