


PATIENT PRESENTING CLINICAL SIGNS

PATIENT Boomer Brown
SPECIES Canine
BREED Labrador Retriever
SEX Intact Male
AGE 9 Years 7 Months

8/8/23- Reason for today's visit: Boomer presented today for having head down, trouble walking, mass in mouth, was fine this morning. O took him to his electrical contractor shop this morning. Saw him walking into shop with head down having trouble walking. Described it as drunk walking, staggering, not limping. O notices a mass on right side of mouth for the first time today. Not known for getting into things, appears more lethargic. No hist of problems -no v/d 7/26/23- Reason for today's visit: Boomer presented today because his owner noticed he was walking with his head carried low, appearing to have difficulty walking/jumping up on things, and O noticed a mass in mouth, just recently in the last day. O takes him to work (electrical contractor workshop) and has been ever since he was a puppy and noticed these signs there yesterday. He was fine in the morning but later in the day saw him walking as though "drunk", staggering, but not limping. O noticed mass on the right side of mouth for the first time yesterday. Not known for getting into things, appears more lethargic. No history of health problems. O reports no noticed weight loss, pt is eating well, in fact appetite seems increased as of late. -no v/d; occasional dry coughing/hacking; no sneezing; U/D normal. Previous medical conditions diagnosed: Is pet on medications no: Is pet current on vaccines: Yes; O reports he had them done at Harvest Hills Current heartworm/ flea & tick medication: none Current diet: Eukanuba dry dog mixed with wet food.

ABNORMAL PE/CHEM/CBC/UA RESULTS: Glucose 118 70 - 143 mg/dL Creatinine 1.0 0.5 - 1.8 mg/dL BUN 10 7 - 27 mg/dL BUN: Creatinine Ratio 10 Phosphorus 3.5 2.5 - 6.8 mg/dL Calcium 9.1 7.9 - 12.0 mg/dL Sodium 154 144 - 160 mmol/L Potassium 3.6 3.5 - 5.8 mmol/L Na: K Ratio 43 Chloride 113 109 - 122 mmol/L Total Protein 6.2 5.2 - 8.2 g/dL Albumin 2.8 2.2 - 3.9 g/dL Globulin 3.4 2.5 - 4.5 g/dL Albumin: Globulin Ratio 0.8 ALT 42 10 - 125 U/L ALP 53 23 - 212 U/L GGT 0 0 - 11 U/L Bilirubin - Total 0.2 0.0 - 0.9 mg/dL Cholesterol 179 110 - 320 mg/dL Osmolality 304 mmol/kg

INTERPRETED BY COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX & ABDOMEN

INTERPRETED BY Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI
 Plain and post-contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

HOSPITAL NAME Neel Vet Hospital
Head/Neck
 The CT study reveals a large, ovoid, ill-defined mass of the right upper lip adjacent to the triadans 107-110, measuring approximately 4.0 cm in length and 3.0 cm in diameter. Non-uniform and moderate contrast enhancement is seen within the mass.

REFERRING VET Dr. Kishore
 The right submandibular lymph nodes are mildly enlarged. The retropharyngeal lymph nodes present within normal limits.

Both lobes of the thyroid gland are seen and present within normal limits.

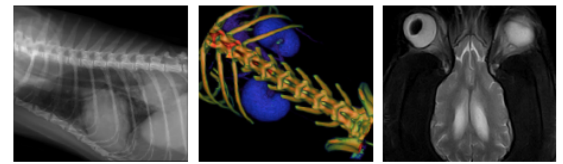
INVOICE 44524
 Number, alignment, and general anatomy of the cervical vertebrae present within normal limits. Mild intervertebral disc space narrowing and intervertebral disc protrusion are noted between C3/4 and C4/5. There is mild spondylosis deformans between C4 and C5. Spondyloses are seen between T4-T8. Spondyloses and mild intervertebral disc protrusions are also present between T13, L1, and L2, as well as between L7/S1.

DATE

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PATIENT	<u>Thorax</u> 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.
Boomer Brown	
SPECIES	The cardiovascular structures including the pulmonary vasculature are within normal limits.
Canine	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.
BREED	The lung parenchyma presents the expected architecture and attenuation behavior.
Labrador Retriever	Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.
SEX	<u>Abdomen</u> The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.
Intact Male	
AGE	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.
9 Years 7 Months	The adrenal glands are within normal limits for size, shape and organ architecture.
INTERPRETED BY	Both the liver and the spleen present with normal shape, even surface, uniformly attenuating parenchyma, and homogeneous contrast enhancement.
Nele Eley (Ondreka), 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.
HOSPITAL NAME	Moderate symmetric enlargement of the prostate with small intraparenchymal cysts is noted.
Neel Vet Hospital	The sublumbar lymph nodes present within normal limits.
REFERRING VET	COMPUTED TOMOGRAPHIC DIAGNOSIS
Dr. Kishore	<ul style="list-style-type: none"> • Large soft tissue mass of the right upper lip, meeting neoplastic criteria • Mild right submandibular lymphadenomegaly • Mild chronic intervertebral disc protrusions C3/4, C4/5, T13/L1, L1/2, L7/S1 • Normal thorax and abdomen • Prostatomegaly – compatible with prostatic hyperplasia.
INVOICE	
44524	INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS
DATE	The CT study reveals a soft tissue mass of the right upper lip. Neoplasia such as oral fibrosarcoma, squamous cell carcinoma, melanoma, or other is a primary differential diagnosis. The findings are not compatible with an inflammatory/infectious process. Final diagnosis will require sampling for
8/8/23	



PATIENT histology. No evidence of underlying bone changes is seen.

Boomer Brown The right submandibular lymphadenomegaly is mild and likely to represent reactive hyperplasia. However, early metastatic disease cannot be ruled out entirely, and fine needle aspiration is recommended for further definition.

SPECIES
Canine The intervertebral disc protrusions within the cervical spine between C3/4 and C4/5 may correlate with the history of low head carriage. The degree of spinal cord compression appears to be mild here as well as between T13/L1, L1/2, and lumbosacral stenosis between L7 and S1 is mild at this point.

BREED The prostatic changes suggest presence of benign hyperplasia of an unneutered male. Prostatitis and neoplasia cannot be ruled out entirely but are thought far less likely.

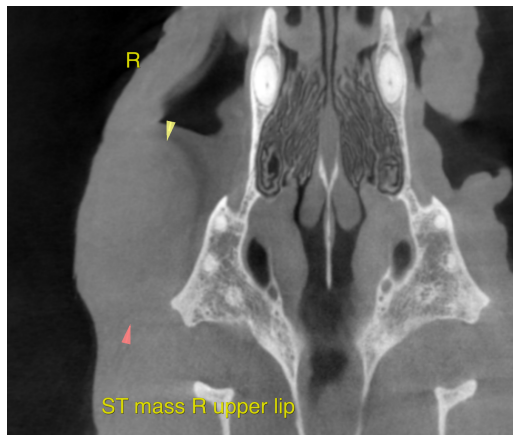
Labrador Retriever

SEX

Intact Male

AGE

9 Years 7 Months



INTERPRETED BY

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI

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.

HOSPITAL NAME

Neel Vet Hospital

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

Dr. Kishore

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 European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
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