



PATIENT

Charlie Quennel

PRESENTING CLINICAL SIGNS

Gingival mass first noted October 2021. Dental with radiographs performed March 22, 2022. A bony mass was noted at the roots of 305 and 306; extractions were performed and the mass excised. Histopathology consistent with a multilobular tumor of bone -- grade 1 -- level of 305-306. Pt seen through emergency last night for acute episode of hypersalivation. Lateral thoracic and abdominal radiographs noted no significant abnormalities. Included abdomen in study today due to this new occurrence.
Abnormal PE/Chem/CBC/UA Results: Oral cavity: healed biopsy site left mandible, hypersalivation

SPECIES

Canine

BREED

Labrador Retriever

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN

Plain and post contrast studies of the head in soft tissue and bone windows, plain and post contrast studies of the thorax in soft tissue and lung windows, and plain and post contrast studies of the abdomen in soft tissue and bone windows available for review.

SEX

MN

COMPUTED TOMOGRAPHIC FINDINGS

Head

The triadans 305 and 306 are absent. Their dental alveolus have not been filled with new bone yet. Mild regional soft tissue swelling with mildly increased contrast enhancement is seen. There is no discrete mass identified. However, an area of permeative lysis spans the left rostral mandible from the distal margin of the triadan 304 up to the mesial crown of the triadan 307. The remainder of the dentition presents within normal limits.

The regional lymph nodes present within normal limits.

Thorax

A large intermuscular lipoma is seen deep to the left latissimus dorsi muscle.

Mild subcutaneous emphysema is noted dorsal to the cranial thoracic spine.

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 are uniform and considered within normal limits.

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.

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Jérôme Gagnon,
DVM, DACVIM
(Oncology)

INVOICE

51581

DATE

4-18-22



PATIENT

Charlie Quennel

Abdomen

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

SPECIES

Canine

Small peripheral cortical renal infarcts are seen in both kidneys.

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

BREED

Labrador Retriever

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

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

SEX

MN

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

A small subcutaneous nodule is seen in the dorsum to the right of the midline.

AGE

8 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesion of the left rostral mandible spanning the area from the triadan 304 to the triadan 307 - no evidence of regional or distant metastatic disease.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a monostotic aggressive osteolytic lesion within the left rostral mandible. The presentation is not entirely typical for multilobulated osteosarcoma/chondrosarcoma rodens. However, this and other primary or secondary neoplasia of bone is one potential differential diagnosis and further correlation with the results of the new biopsy is recommended.

HOSPITAL NAME

Animal Health
Partners

The regional lymph nodes reveal no signs of metastatic disease at this point. There also is no evidence of pulmonary metastatic disease.

The presentation of the abdomen is benign.

REFERRING VET

Jérôme Gagnon,
DVM, DACVIM
(Oncology)

INVOICE

51581

DATE

4-18-22



PATIENT

Charlie Quennel

SPECIES

Canine

BREED

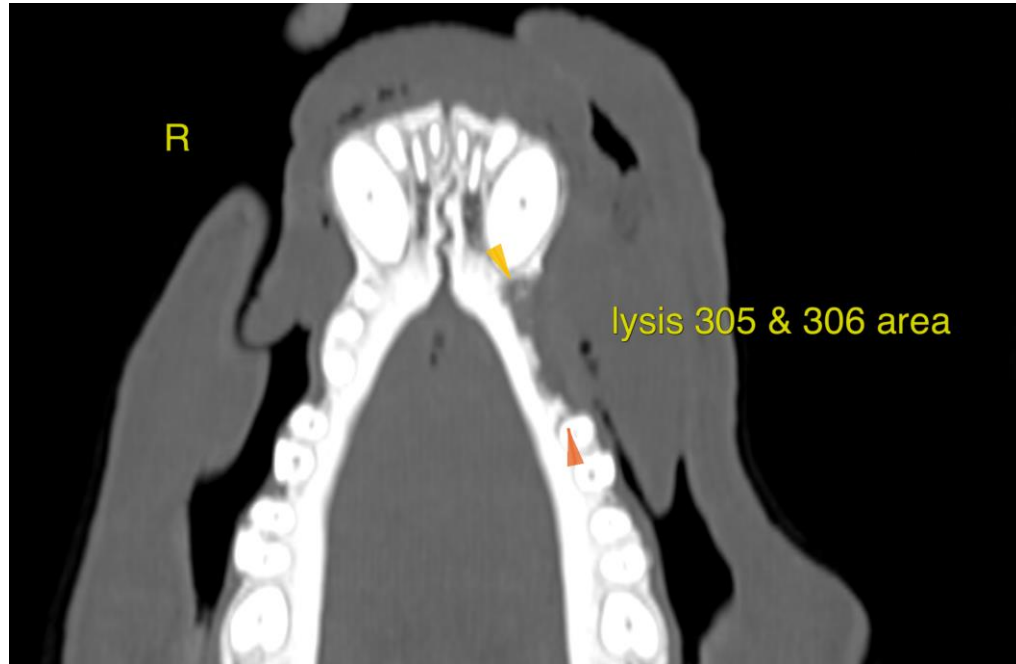
Labrador Retriever

SEX

MN

AGE

8 Years



INTERPRETED BY

Nele Eley, 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.

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.

HOSPITAL NAME

Animal Health
Partners

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

REFERRING VET

Jérôme Gagnon,
DVM, DACVIM
(Oncology)

INVOICE

51581

DATE

4-18-22