



PATIENT

Eragon Bower

PRESENTING CLINICAL SIGNS

Oral mass- pink, smooth, approximately finger tip size noted on lower left side between 308 and 309, on lingual side. Bone biopsy taken of it today and waiting results. Thorax CT preformed to check for possible metastasis.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and delayed post contrast study of the thorax available for review.

BREED

Cattle Dog

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

MN

An approximately 7 x 8 x 6 mm sized osseous mass is seen at the lingual gingivostomal margin in the left lower quadrant between the triadans 308 and 309. Smooth protrusion of bone is noted from the left mandible which appears to be continuous with the medullary cavity of the left mandible and is covered by a thin soft tissue lining. No overt aggressive osteolytic changes are seen. The adjacent triadans 308 and 309 present within normal limits.

AGE

8 Years

An area of smoothly delineated bone lysis is seen between the triadans 408 and 409 associated with the distal root of the triadan 408 and mesial root of the triadan 409.

The regional lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

A thoracic wall lipoma is seen in the right axillary region.

HOSPITAL NAME

Williamsport West
Veterinary Hospital

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.

REFERRING VET

Jennifer L
Slotterback, DVM,
CVA

An 8mm sized interstitial pulmonary nodule is seen in the caudodorsal aspect of the right cranial lung lobe. No additional nodules are identified in the remainder of the lung. Mild atelectatic changes of the right lung are seen. There is a peribronchial interstitial infiltrate within the left cranial lung lobe suggesting presence of atelectatic changes here as well.

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

INVOICE

59687

Excretion of contrast media via the bile/gallbladder is seen and considered within normal limits for a delayed post-contrast study.

DATE

8-14-23



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Osteoproliferative mass of the left mandible between the triadans 308 & 309 without signs of aggressive biological behavior.
- Cystic bone lysis between the triadans 408 & 409.
- Single pulmonary nodule in the right cranial lung lobe.
- Pulmonary atelectasis
- Thoracic wall lipoma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Signs of aggressive biological behavior are not seen in the left lower mandible. Osteochondroma is a primary differential diagnosis; however, atypical presentation of ossifying epulis, osteosarcoma, and chondrosarcoma cannot be ruled out entirely. Correlation with the histology results recommended.

The cystic bone lysis between the triadans 408 and 409 is likely to represent a dentigerous cyst. Ameloblastoma is a potential differential diagnosis.

The single pulmonary nodule in the right cranial lung lobe can represent metastases, early primary neoplasia of the lung, fibrotic nodule, or pulmonary granuloma. Unfortunately, this area of the lung is not accessible for ultrasound guided sampling as it is situated deeply within the aerated lung tissue. CT recheck or lung lobectomy could be considered.

INTERPRETED BY

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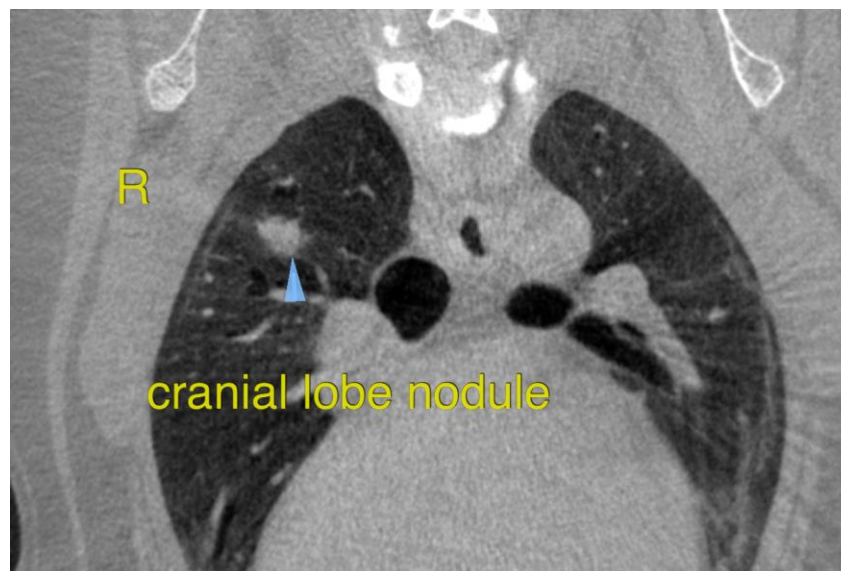
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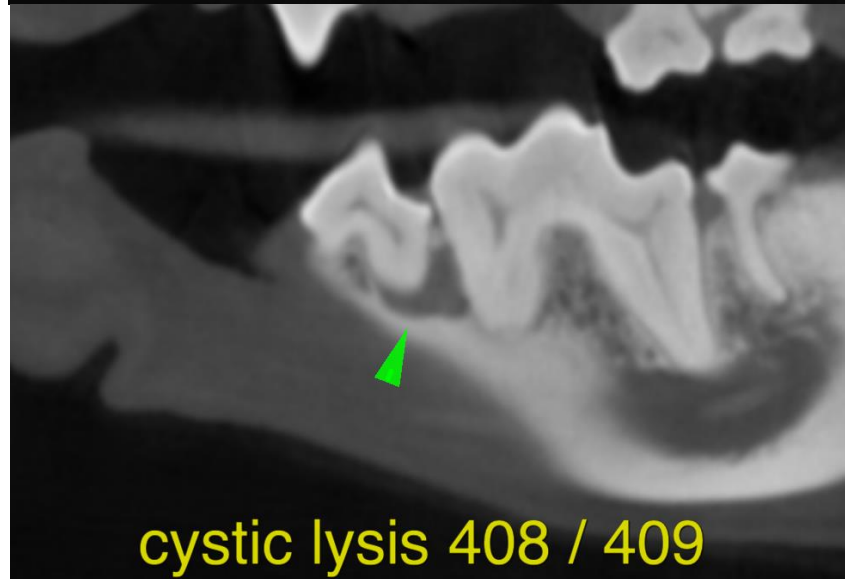
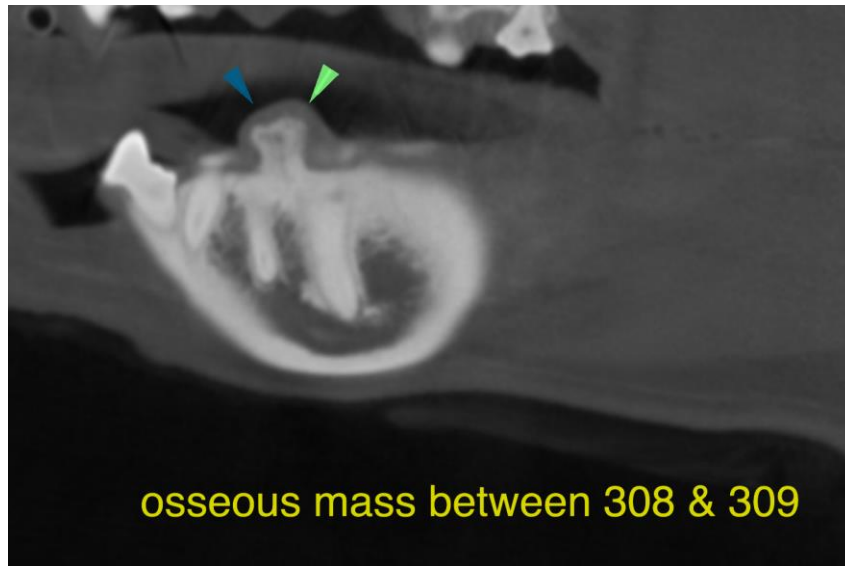
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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