

PATIENT PRESENTING CLINICAL SIGNS

Harvie Friedman Epistaxis, cause undetermined. No evidence to support nasal tumor, polyp, or foreign body but some suspicion due to unilateral bleeds.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Old English Sheepdog The tooth elements 105, 205, 306, 405 and 406 are absent.

SEX

Neutered Male

The caudal two thirds of the left nasal cavity are obliterated by uniform soft tissue attenuating and mild heterogeneous contrast enhancing mass. Destruction of the associated nasal conchal & turbinate structures is appreciated. The left nasal mass is perforating the nasal septum in the most caudal aspect and lysis of the cribriform plate with perforation of the cranial fossa is seen. The left maxillary bone presents with moth eaten osteolytic lesions and the nasal mass is mildly bulging into the subcutaneous tissue at the same level.

AGE

8.9 Years

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

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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

The subchondral bone of both humeral heads present with a small crescent shaped defect with surrounding sclerosis of the subchondral bone.

REFERRING VET

Meaux

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.

INVOICE

55008

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.

DATE

11-7-22

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



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Harvie Friedman

- Biologically semiaggressive left sided nasal soft tissue neoplasia with polyostotic aggressive osteolytic lesions and perforation of the cranial fossa
- Multiple absent teeth
- Osteochondrosis dissecans (OCD) shoulder joint bilaterally
- No evidence of pulmonary metastatic disease

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Old English Sheepdog

The CT study is consistent with primary soft tissue neoplasm originating from the left nasal cavity and polyostotic aggressive osteolytic and early stage of perforation of the cranial fossa. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. Rhinoscopy including biopsy can be used as advanced diagnostic tests. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist. The Adam tumor stage is T4.

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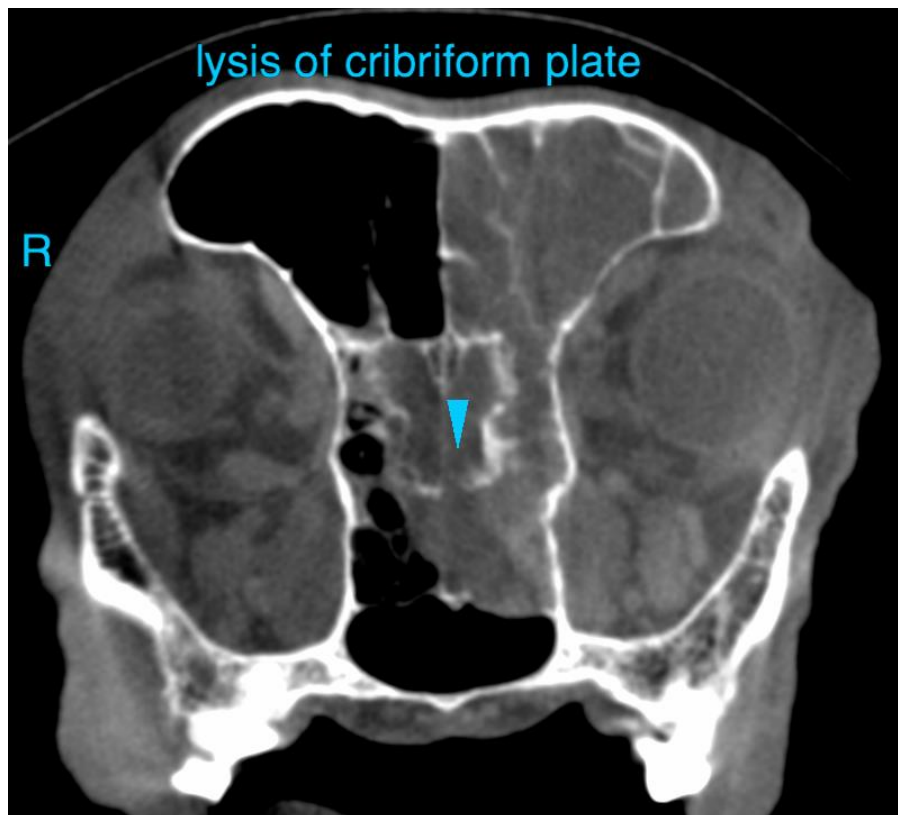
Meaux

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PATIENT

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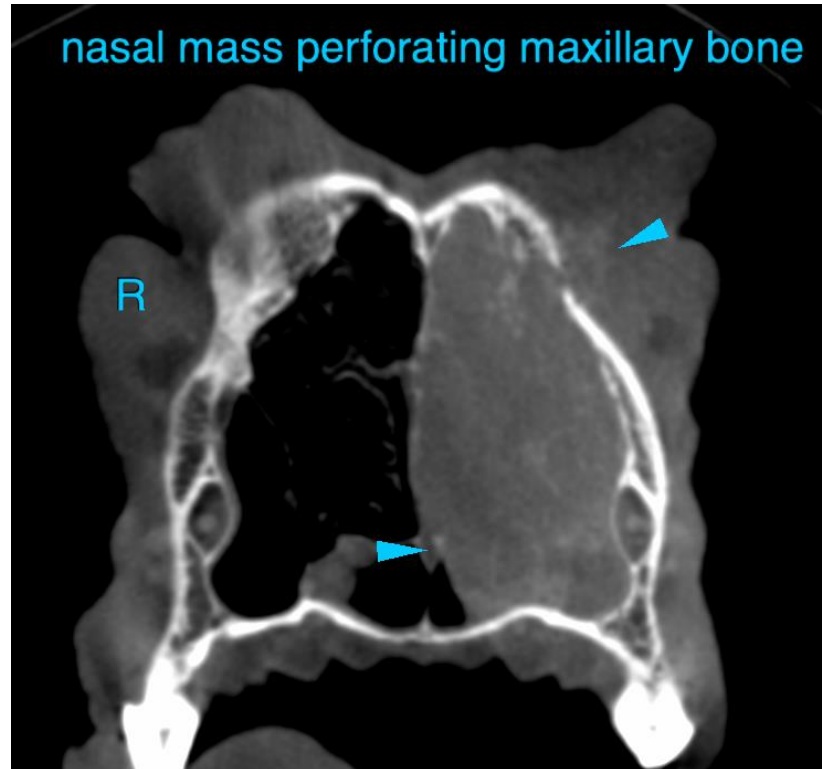
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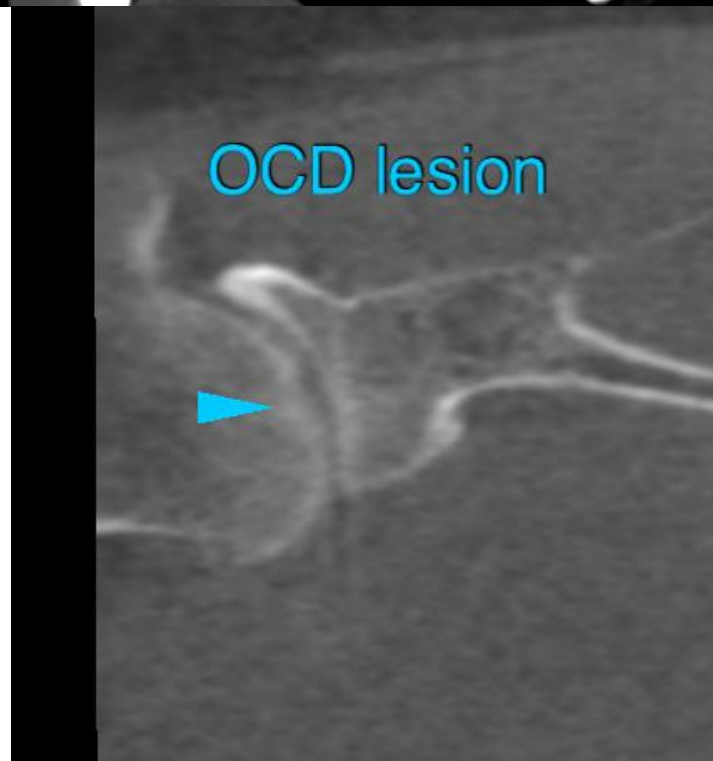
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SPECIES

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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.

BREED

Old English Sheepdog

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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