



PATIENT PRESENTING CLINICAL SIGNS

Hoshi Kirsch Bleeding from left nostril for the past month

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

SPECIES 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.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Shetland Sheepdog

Triadan 308 and 411 are absent.

SEX

NM

The left nasal cavity is obliterated by expansile, soft tissue attenuating and mild heterogeneous contrast enhancing soft tissue material. The left maxillary, left nasal bone and the horizontal plate of the palatine bone present moth eaten osteolytic lesions and the nasal mass is protruding into the subcutaneous tissue at the dorsal aspect of the nose and the submucosa of the hard palate. The left nasal soft tissue mass is perforating the nasal septum and is protruding into the right nasal cavity.

AGE

11 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.

The mandibular lymph nodes bilaterally are prominent.

HOSPITAL NAME

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Thorax

Multifocal mild spondylosis formation is seen along the thoracic spine. Level with the 7th left intercostal space, a subpleural fat attenuating swelling is appreciated, measuring 21 x 8 x 33 mm in size. The left caudal lung lobe is mildly distorted by the extrapleural mass effect.

REFERRING VET

Xavier 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.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

INVOICE

55423

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

11-29-22

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



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

- Hoshi Kirsch
- Biologically aggressive left nasal soft tissue neoplasia with polyostotic aggressive osteolytic lesions
 - Mild lymphadenopathy mandibular
- SPECIES**
- Subpleural lipoma left thoracic wall
 - Absent triadan 308 & 411
 - No evidence of pulmonary metastatic disease
- Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED Shetland Sheepdog

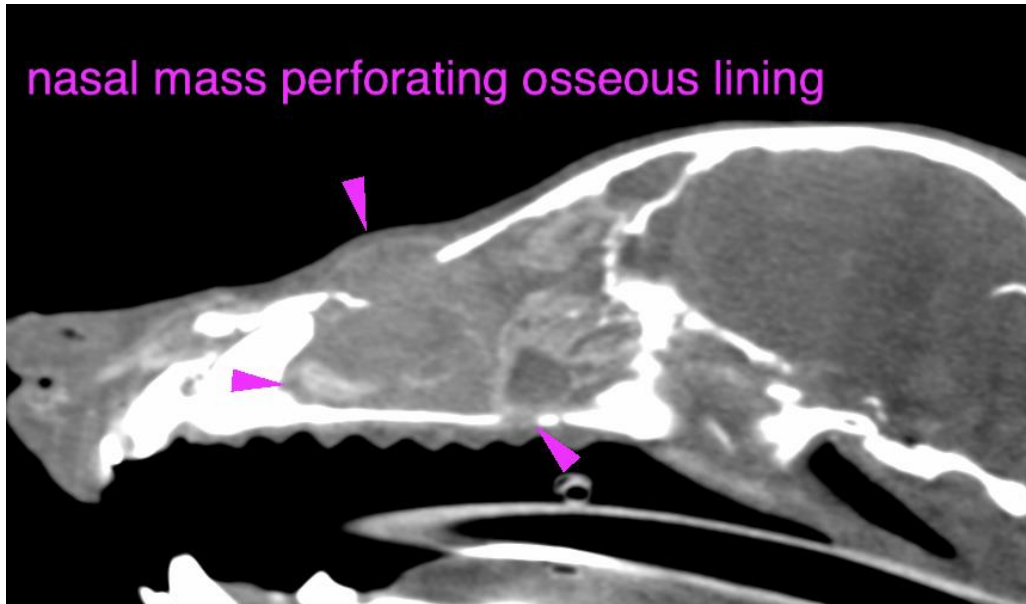
The soft tissue mass originating from the left nasal cavity is consistent with primary nasal neoplasia. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. FNA sampling of the subcutaneous swelling or rhinoscopy including biopsy can be used 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 T3.

SEX NM

Consider complementing workup by FNA sampling of the mandibular lymph nodes to rule out metastatic disease.

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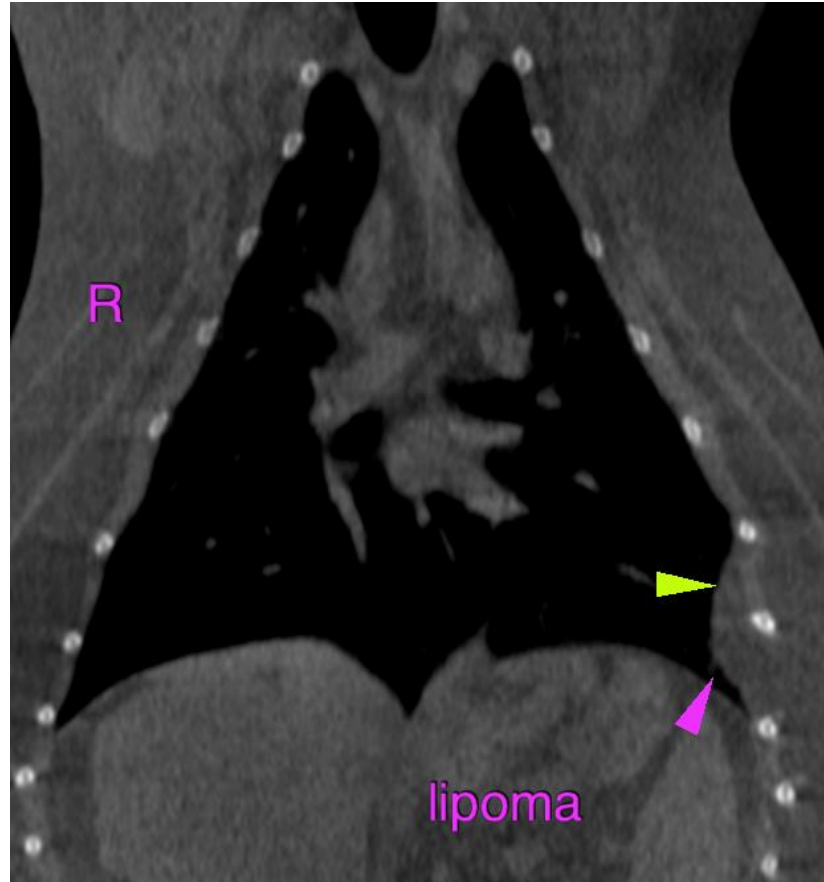
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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