



PATIENT

Bentley Jarek

PRESENTING CLINICAL SIGNS

Crusting, depigmentation and mucoid nasal discharge on the right side of the nose. Mild reduced air flow.
Abnormal PE/Chem/CBC/UA Results: Evaluate head, thorax and abdomen

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX, AND ABDOMEN

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

BREED

Shetland Sheepdog

COMPUTED TOMOGRAPHIC FINDINGS

Skull

SEX

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

Neutered Male

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The right nasal opening is partially cropped by the field of view, there is a moderate soft tissue swelling in the ventral aspect of the right nasal opening.

AGE

8 Years

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. In the medial aspect of the right external ear canal, a small amount of soft tissue attenuating material is visible.

HOSPITAL NAME

Aloha Pet & Bird
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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.

REFERRING VET

Dr. Dan Pepen

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

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The vertebral endplates C6/C7 present moderate spondylosis formation and a vacuum phenomenon is seen within the respective intervertebral disc space. In the subcutaneous tissue lateral to the left scapula, a well-defined, ovoid shaped, soft tissue attenuating mass, measuring 2.4 x 1.1 x 2.0 cm in size is seen. Level with the insertion of the interosseous ligament between radius and ulna, moderate osseous new bone formation is seen, R>L.

DATE

2-8-22

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.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery



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as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

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The lung parenchyma presents the expected architecture and attenuation behavior. A punctuate mineralization of the right cranial lung lobe is seen.

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

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Abdomen

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

SEX

Neutered Male

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

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

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The gallbladder contains a moderate amount of mild hyperattenuating, sedimented biliary sludge.

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

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

Both coxofemoral joints present moderate osteophyte new bone formation.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Swelling ventral aspect right nasal opening
- Non-specific subcutaneous nodule lateral aspect left scapula
- Mild right sided otitis externa
- Chronic discopathy C6/C7 with degenerative osseous remodeling of the vertebral endplates
- Insertional desmopathy interosseous ligament antebrachium bilaterally
- Degenerative osteoarthritis coxofemoral joints bilaterally
- Moderate biliary sludge without evidence of obstruction
- Structural normal nose

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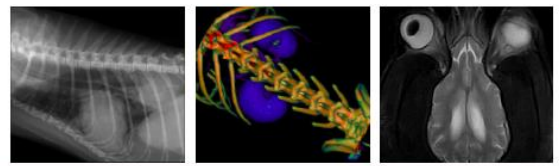
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The current CT study presents without specific abnormalities. There is a swelling in the ventral aspect of the right nasal opening which can represent exudate or a small soft tissue swelling (inflammatory versus neoplastic in origin). Recommend evaluation of the respective region. Rhinoscopy including sampling for biopsy can be used to rule in/out non-specific rhinitis.

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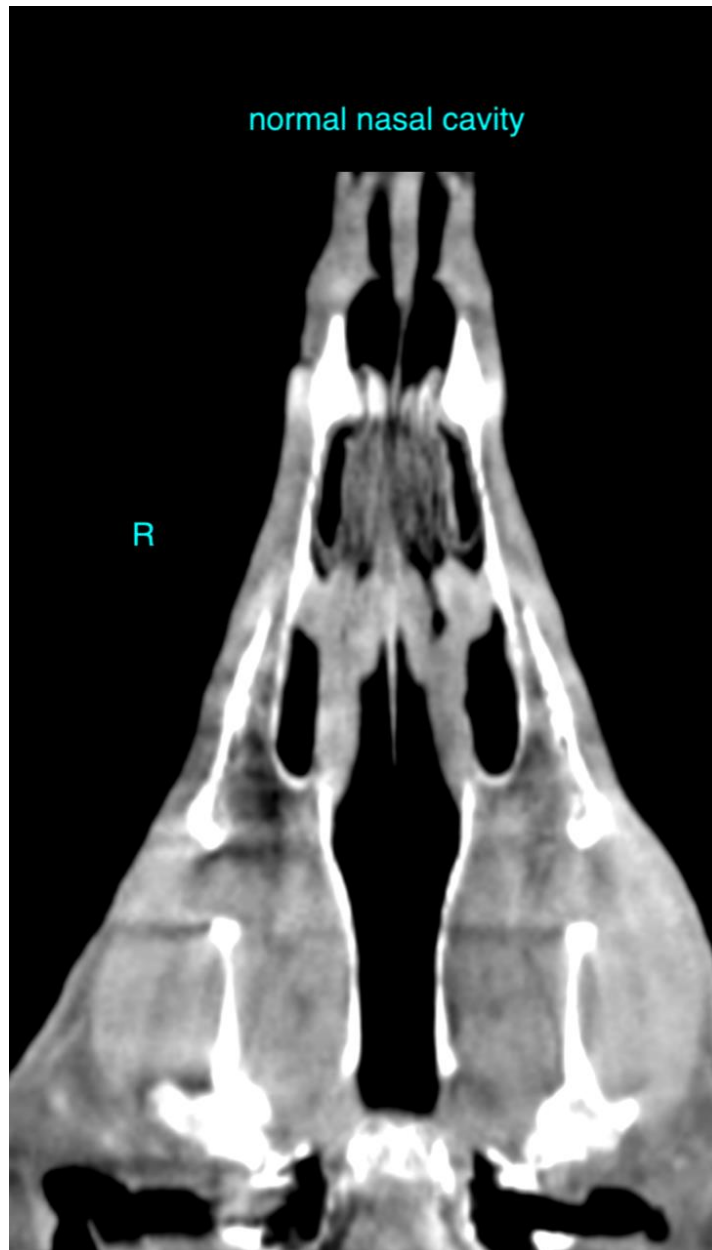
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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