



PATIENT PRESENTING CLINICAL SIGNS

Mochi Kaushik History of severe hyperglobulinemia, anemia, MUE, and epistaxis.
 Abnormal PE/Chem/CBC/UA Results: Ca 3.03 (3.00) TP 174 (82) PHOS 2.25 (2.20)

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

Canine A pre- and post-contrast CT study of the skull, thorax and abdomen in a bone, lung and soft tissue reconstruction are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Shepherd X Skull
 The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.
 The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. At the caudodorsal aspect of the right tonsil, in the right lateral wall of the nasopharynx a well-defined fluid attenuating intramucosal lesion is appreciated, measuring 7.8 mm in diameter.

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

AGE 1 Year
 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 Animal Health Partners
 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 bony and surrounding soft tissue structures are within normal limits.

REFERRING VET Dr. Westgarth
 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 54161
 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 9-20-22
 Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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



PATIENT

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or peritonitis.

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.

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Canine

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.

BREED

Shepherd X

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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

SEX

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

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

AGE

1 Year

- Small intramucosal cystic lesion right lateral wall of nasopharynx
- Structural normal thorax
- Structural normal abdomen

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is negative for pathology explaining the clinical history. If not done so yet, consider complementing workup by FNA sampling of the liver and spleen and complementing workup by potential infectious agents (e.g. Ehrlichiosis, Babesiosis, Leishmaniasis).

HOSPITAL NAME

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The small intramural cystic lesion of the nasopharynx is not specific and can present a small mucosal cyst, salivary cyst or tonsillar cyst. A parasitic cyst might be a consideration as well. There are no signs for accompanying inflammation and the odds for abscess are low.

REFERRING VET

Dr. Westgarth

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SPECIES

Canine

BREED

Shepherd X

SEX

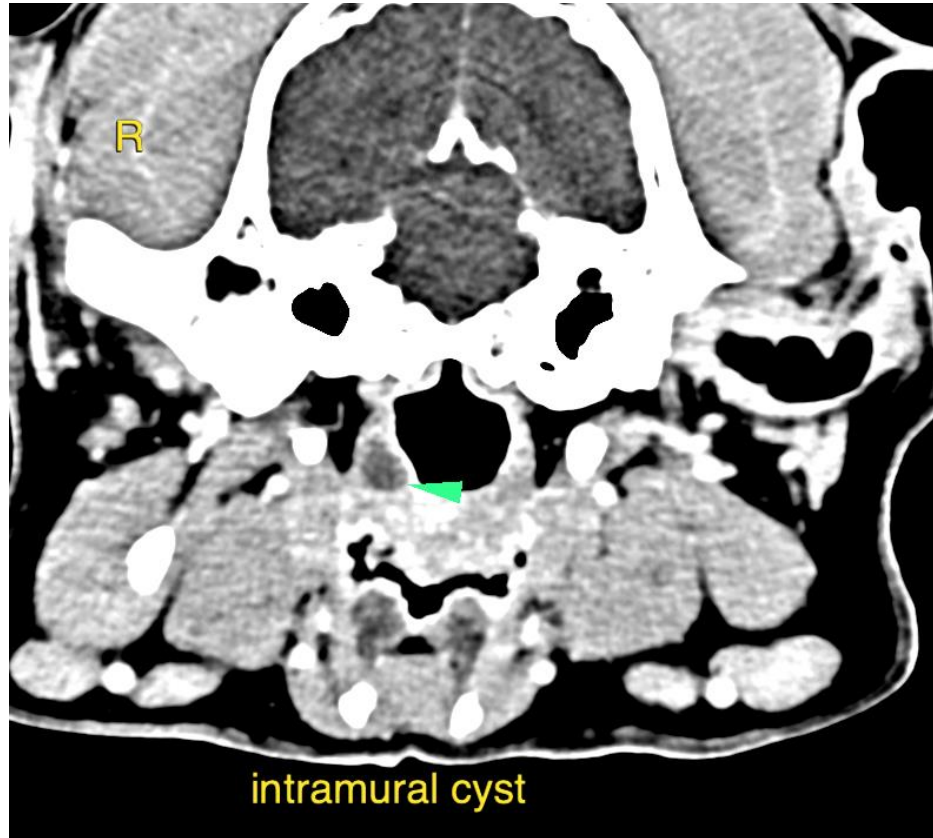
MN

AGE

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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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