



PATIENT PRESENTING CLINICAL SIGNS

Gabreella Kairo'scibek History: Owner noticed mass on right side of neck about 3 weeks ago. Was on antibiotics in July for enlarged glands on both sides of her neck. Last week was lethargic and would not go to bathroom and would not eat. She was put on rimadyl and is feeling much better since. She has some reverse sneezing and her barking sounds different. mass appears to be growing rapidly
Abnormal PE/Chem/CBC/UA Results: normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN

BREED

Beagle Mix

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Skull

Spayed Female

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

AGE

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

9

The right tonsil is prominent and bulging into the oropharynx.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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.

HOSPITAL NAME

Northeast VRH

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. Runde

The right medial retropharyngeal lymph node is enlarged and rounded, presenting a heterogeneous contrast enhancement pattern, measuring 3.6 x 2.6 x 6.1 cm in size.

Both thyroid glands are within normal limits for size, shape and attenuation behavior.

INVOICE

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Thorax

The periarticular bones of the shoulder joints present moderate osteophyte new bone formation.

DATE

10/27/22



PATIENT Gabreella Kairo'scibek
 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.

SPECIES Canine
 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.

BREED Beagle Mix
 The lung parenchyma presents the expected architecture and attenuation behavior, but zones of dystelectasis of the dorsal dependent aspects of the lung parenchyma.

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

SEX Abdomen

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

AGE 9
 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.

INTERPRETED BY Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI
 The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

In the parenchyma of the cranial extremity of the spleen, a well-defined, roundish mild hypoattenuating lesion, measuring 10 mm in diameter is appreciated.

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

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

REFERRING VET Dr. Runde
 The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Suspect enlargement right tonsil
- Lymphadenopathy right medial retropharyngeal lymph node
- Post contrast administration, hypoattenuating intraparenchymal splenic nodule
- Degenerative osteoarthritis shoulder joints bilaterally

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PATIENT

- Dystelectasis of the lung due to general anesthesia
- No evidence of pulmonary metastatic disease

Gabreella Kairo'scibek

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Canine

The enlargement of the right medial retropharyngeal lymph node in combination with the prominent right tonsil is concerning for neoplastic transformation of the right tonsil – squamous cell carcinoma or less likely round cell tumor - and lymph node metastasis to the respective lymph node. Granulomatous lymphadenitis is a potential, the odds are considered low, due to the lack of accompanying inflammatory changes. Check clinically for abnormal palpatory changes of the right tonsil, supporting the diagnosis. FNA sampling of the right medial retropharyngeal lymph node is mandatory for further workup as well.

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Beagle Mix

The hypoattenuating splenic nodule is most consistent with benign splenic nodular hyperplasia or less likely neoplastic transformation. Ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

SEX

Spayed Female

AGE

9

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Sebastian Schaub,
DVM Dr. med. vet.
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HOSPITAL NAME

Northeast VRH

REFERRING VET

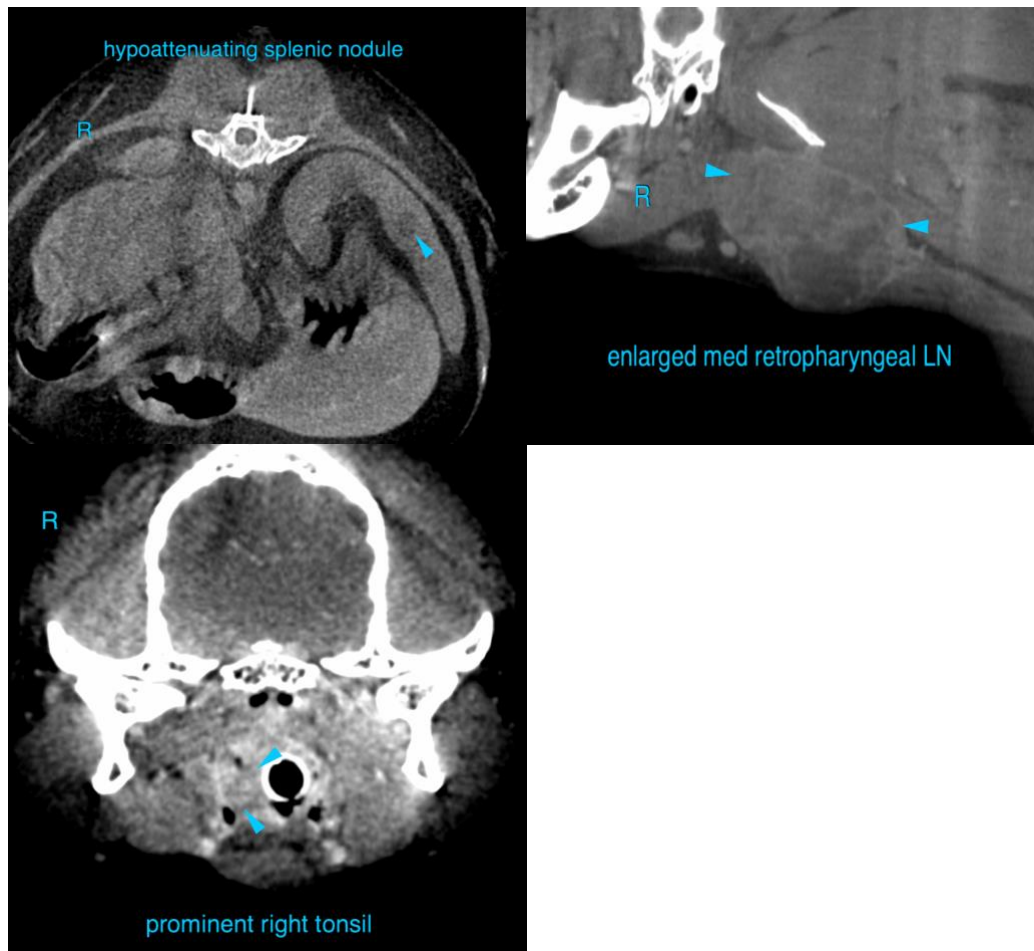
Dr. Runde

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PATIENT 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.

Gabreella Kairo'scibek

SPECIES

Canine

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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Beagle Mix

SEX

Spayed Female

AGE

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