



PATIENT PRESENTING CLINICAL SIGNS

Simba Fritz Presented for a history of a mass below left ear which was noted about 1 month ago. A swelling is also noted in the right submandibular region. Cytology showed a neutrophilic lymphadenitis biopsies will be obtained today.

SPECIES Abnormal PE/Chem/CBC/UA Results: Normal

Feline

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

BREED

Bengal

COMPUTED TOMOGRAPHIC FINDINGS

Skull

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

SEX

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. In the left frontal sinus, a moderate amount of soft tissue attenuating material is attached to the mucosal lining.

MN

AGE

5

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

Northeast Veterinary
Referral Hospital

The mandibular, medial & lateral retropharyngeal lymph nodes and the deep & superficial cervical lymph nodes are significantly enlarged and present a heterogeneous contrast enhancement pattern – most accentuated the lateral retropharyngeal lymph nodes.

Thorax

The axillary lymph nodes bilaterally are enlarged, L>>R, and have a heterogeneous contrast enhancement pattern.

REFERRING VET

Dr. Runde

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

55446

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.

DATE

11-30-22

The lung parenchyma presents the expected architecture and attenuation behavior.

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



PATIENT

Simba Fritz

Abdomen

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

SPECIES

Feline

Generalized enlargement of the abdominal lymph nodes is noted.

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.

BREED

Bengal

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.

SEX

MN

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.

AGE

5

The inguinal lymph nodes bilaterally are moderately enlarged and rounded.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INTERPRETED BY

- Generalized lymphadenopathy of the peripheral and abdominal lymph nodes
- Cavitation of the lateral retropharyngeal lymph nodes

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

The CT study presents generalized lymphadenopathy of the peripheral and abdominal lymph nodes. The peripheral lymphadenopathy is explaining the clinically appreciated swelling along the skull. Potentials include generalized lymphadenitis/reactive hyperplasia (e.g. systemic inflammatory response) or neoplastic transformation. Distinctive peripheral lymph node hyperplasia might be a consideration as well, but the affection of the abdominal lymph nodes is unusual – this entity can be associated with FeLV infection and can undergo neoplastic transformation.

REFERRING VET

Dr. Runde

Biopsy has already been performed for further workup.

INVOICE

55446

DATE

11-30-22



PATIENT

Simba Fritz

SPECIES

Feline

BREED

Bengal

SEX

MN

AGE

5

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

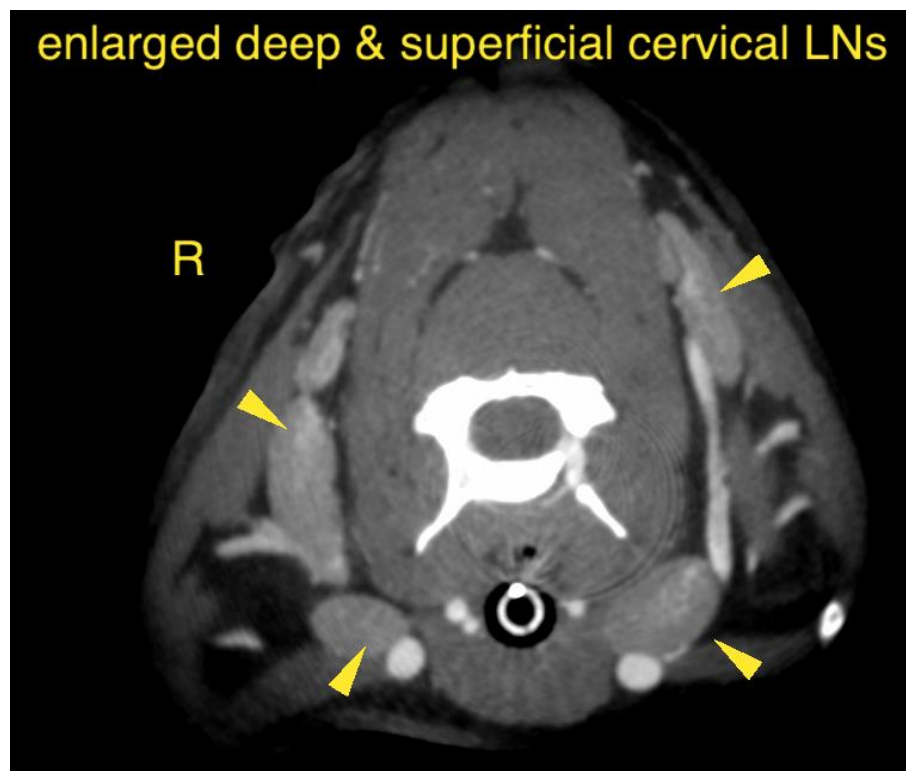
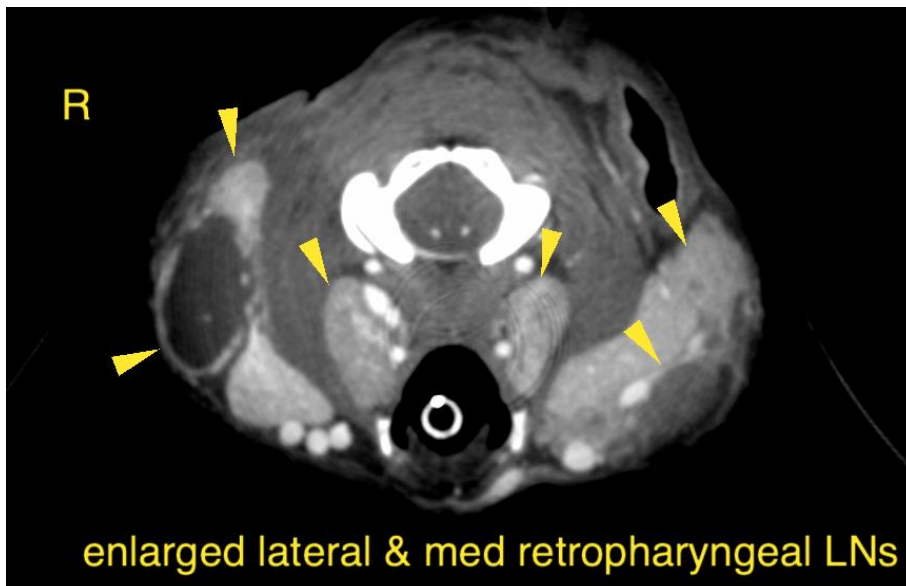
Dr. Runde

INVOICE

55446

DATE

11-30-22





PATIENT

Simba Fritz

SPECIES

Feline

BREED

Bengal

SEX

MN

AGE

5

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

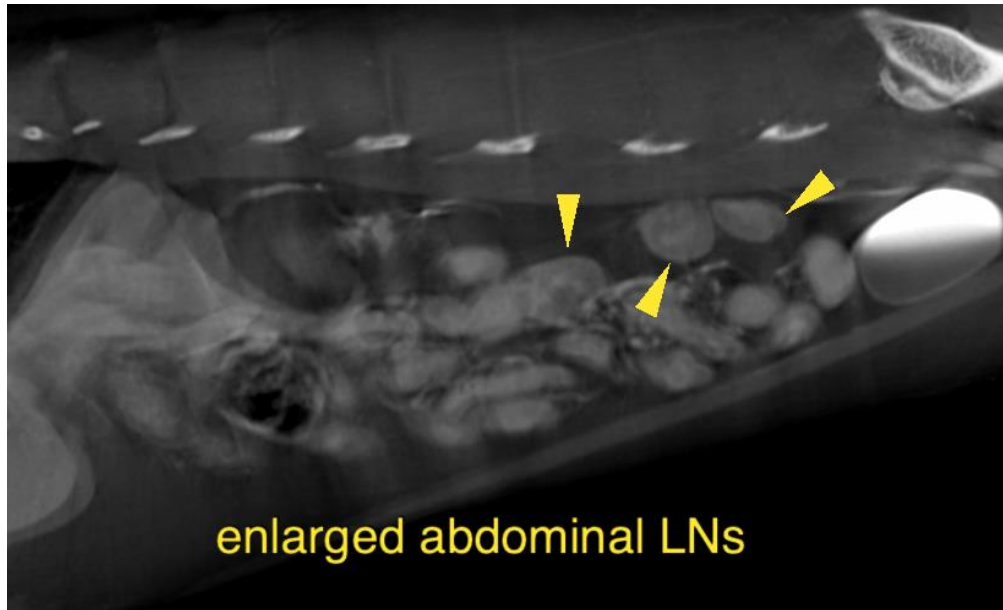
Dr. Runde

INVOICE

55446

DATE

11-30-22



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.

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