



PATIENT PRESENTING CLINICAL SIGNS

Loki Lanegraff Hx chronic cough, upper airway congestion. Concern on radiographs for diffuse neoplasia (carcinoma)

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

Feline 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

DSH Skull

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

SEX

Male Neutered

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

AGE

10 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.

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 tracheobronchial lymph nodes are prominent.

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

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The trachea contains a mild amount of foamy soft tissue material, attached to the mucosal lining.

The right cranial lung lobe presents a zone of consolidation in the caudal and caudodorsal aspect of the respective lung lobe with maintained volume and with small granular mineralization. Multiple regions of patchy pulmonary consolidation is seen throughout all lung lobes.

DATE

1-19-22

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

Abdomen

**PATIENT**

Loki Lanegraff

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

SPECIES

Feline

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

DSH

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

Male Neutered

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

10 Years

The bony and surrounding soft tissue structures reveal no abnormalities.

INTERPRETED BYSebastian Schaub, DVM
Dr. med. vet. DipECVDI

- Randomly distributed patchy regions with alveolar lung pattern
- Mild lymphadenopathy tracheobronchial lymph nodes
- Suspect mucus in trachea
- Normal skull
- Normal abdomen

HOSPITAL NAMEAnimal Health
Partners**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Although bronchogenic carcinoma may present with a randomly distributed alveolar pattern, due to the lack of a distinct contrast enhancing parenchymal lesions or bronchial compression I would consider the odds for pneumonia with a zone of broncholithiasis higher. Ultrasound guided FNA sampling and bronchoscopy including BAL would be ideal as advanced diagnostic steps to rule out malignant transformation.

REFERRING VET

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Suspect secondary reactive hyperplasia of the tracheobronchial lymph nodes.

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The skull & abdomen present without pathological findings. The upper airways present without abnormalities.

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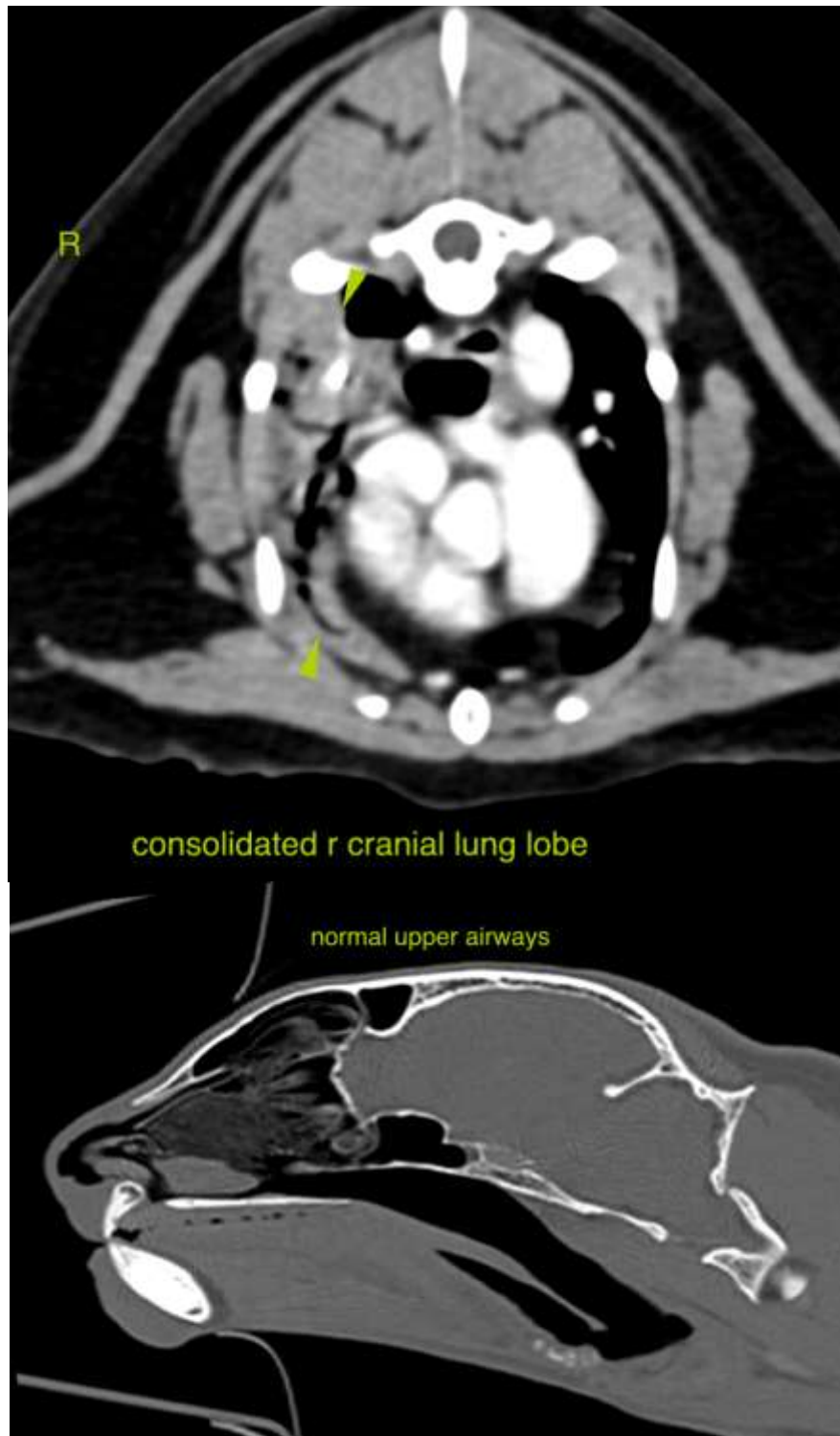
Dr. Westgarth

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SPECIES

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

BREED

DSH

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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