



PATIENT

Tofu Penny-Ward

SPECIES

Canine

BREED

DSH

SEX

MN

AGE

5Y, 1M

WEIGHT

5kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Ana

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Ana Valega

INVOICE

73549

DATE

2-2-26

PRESENTING CLINICAL SIGNS

History:

- Chronic cough, >8m duration
- Previous investigations (03/2025):
- Radiographs: No abnormalities seen on lung pattern.
- Larynx and neck wnl. Ultrasound: Sediment present in the bladder: cysto sample taken for Urinalysis +C&S GC performed rest of ultrasound, kidneys normal size, no other abnormalities discovered.
- Used inhaler chamber, but C+ still present
- BAL interpretation 06/2025 INTERPRETATION: Mild hemosiderosis
- COMMENTS:
- The cytologic findings are consistent with a mild degree of pulmonary hemosiderosis, a nonspecific finding. It is a relatively common finding in cats and can be associated with a wide variety of underlying conditions including airway irritant exposure, pulmonary hypertension, feline asthma, pneumonia, pulmonary neoplasia, cardiac disease, and bleeding disorders. Additional diagnostics will depend on the clinical suspicion.

Abnormal PE/Chem/CBC/UA Results: CRE 213 umol/L

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

A high resolution plain CT study of the skull and thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

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.

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.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

The cranial mediastinal lymph nodes are mildly prominent.

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.

Multiple areas of ground glass opacity, appearing as poorly defined patches, are seen throughout the lung parenchyma.



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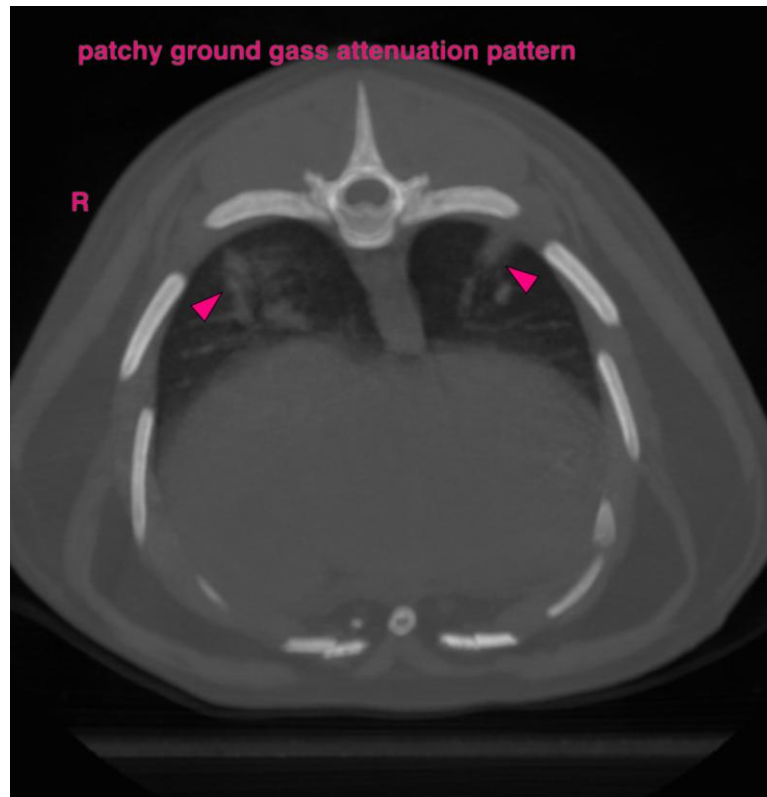
Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Patchy unstructured interstitial lung pattern
- Mild lymphadenopathy cranial mediastinal lymph nodes
- Normal skull/upper airways

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patchy unstructured interstitial pattern of the lung is highly suggestive for inflammatory origin – check for underlying Toxoplasmosis, Aelurostrongylus abstrusus, mycotic pneumonia, bacterial/Mycoplasma pneumonia, other. Pulmonary fibrosis, acute pulmonary hemorrhage or pulmonary neoplastic infiltration (e.g. carcinoma) are less likely differentials.





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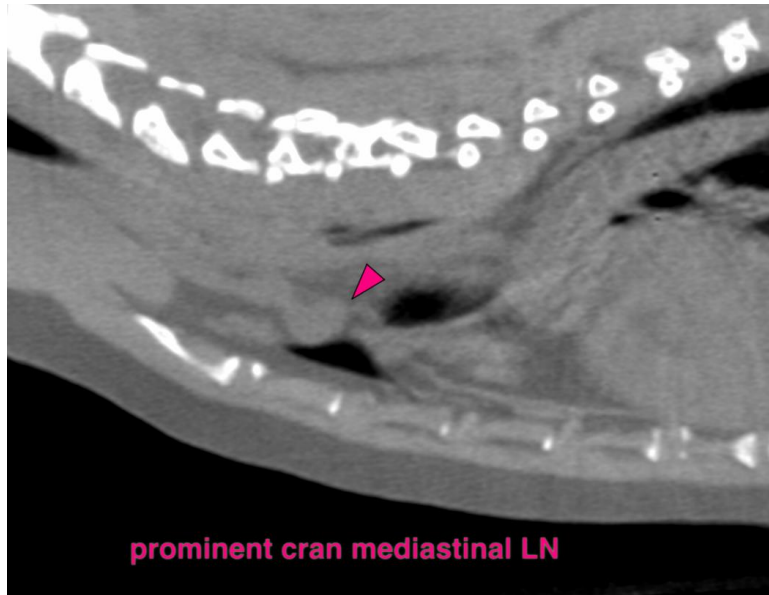
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com