



**PATIENT**

Adelaide Green

**PRESENTING CLINICAL SIGNS**

O adopted pt last year and noted that she wheezes and had gotten progressive more pronounced - in March she said it sounds like she's snoring when she's awake. Pt was put on doxy trial, and o reports pt improved while on it, but started again after about a month of being off abx. cbc/chem/cardio pro-bnp wnl. Attached previous chest rads/consult done in March prior to doxy trial for comparison.

**SPECIES**

Feline

**RADIOGRAPHIC STUDY OF THE SKULL & THORAX**

A complete set of radiographs of the skull and thorax is provided for review.

**BREED**

DLH

**RADIOGRAPHIC FINDINGS**

Skull

The volume of the aerated space of the right frontal sinus is decreased in comparison to the contralateral side; the osseous margins are smooth.

**SEX**

SF

The nasal cavity is aerated bilaterally, and the conchal & turbinate structures can be appreciated as distinct linear opacification of the nasal cavity bilaterally.

**AGE**

3.5 Years

The tympanic bullae are aerated and present smooth osseous margins, unremarkable.

No pathological opacification of the nasopharynx is appreciated.

The external ear canals are aerated and present with the expected width.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Thorax

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

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Most accentuated in the VD view, the cardiac silhouette is prominent. The pulmonary vasculature is within normal limits.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

**REFERRING VET**

Dr. Giuliani

Mild increased visibility of the bronchial walls is noted

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

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The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**RADIOGRAPHIC DIAGNOSIS**

- Decreased volume right frontal sinus
- Mild bronchial pattern
- Cardiomegaly

**DATE**

6-22-22



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The decreased volume of the right frontal sinus can be a normal anatomical variant, a potential is hyperostosis secondary to chronic sinusitis (but no overt soft tissue opacification is appreciated).

No overt abnormalities of the nasal cavity are appreciated, however this does not rule out possible rhinitis/rhinosinusitis. Rhinoscopy including sampling for microbial culture and biopsy might be considered as advanced diagnostic tools. A CT study of the skull can be used as advanced imaging modality for evaluation of the upper airways as well.

The bronchial pattern is very mild and is equivocal for normal anatomy versus mild inflammatory lower airway disease.

The cardiomegaly is most likely a sequela to pericardial fat. In case of doubt, consider a cardiac echo.





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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.

**SPECIES**

Feline

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  
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