



PATIENT

Skye Kelly

SPECIES

Canine

BREED

Springer Spaniel

SEX

Female

AGE

11 Years, 5 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Dr. Leon Anderson

REFERRING VET

Kim Allyn, DVM

INVOICE

48401

DATE

11-16-21

PRESENTING CLINICAL SIGNS

Starting 4 months ago, Skye started gagging and coughing. Skye doesn't throw anything up, no fluid or vomit, just a gag and coughs at the end. Mr Kelly says the coughing sounds awful and it is very random. No nasal or ocular discharge. Normal examination.

Abnormal PE/Chem/CBC/UA Results: MULTIPLE LARGE MAMMARY MASSES DISCHARGE FROM MULTIPLE MAMMARY MASSES 5 CM RECTAL MASS AT DORSUM OF ANUS.

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and ventrodorsal views totaling 3 images available for review.

RADIOGRAPHIC FINDINGS

Moderate bilateral shoulder osteoarthritis is seen. There are multiple spondyloses throughout the cervicothoracic spine.

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea presents mild redundancy of its dorsal tracheal ligament on the right lateral view.

There is mild esophageal aerophagia.

The degree of pulmonary inflation is moderate. A moderate generalized bronchial lung pattern is seen with mild multifocal peripheral cylindrical bronchiectasis.

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

RADIOGRAPHIC DIAGNOSIS

- Moderate generalized chronic bronchial lung pattern with early bronchiectasis.
- Redundant dorsal tracheal ligament.
- Shoulder osteoarthritis - unrelated to the reason of clinical presentation.
- Spondyloses - unrelated to the reason of clinical presentation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals evidence of chronic lower airway disease with bronchiectasis which is typically associated with decreased mucociliary clearance rates and can predispose to recurrent inflammation or superinfection. The underlying disease is likely eosinophilic / allergic bronchopneumopathy versus infectious bronchitis such as viral, bacterial, and less likely parasitic, or protozoal.

Redundancy of the dorsal tracheal ligament is mostly an incidental finding. In large breed dogs,



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however, it can be associated with dynamic tracheal disease.

Skye Kelly

It remains questionable to me as to whether the radiographic findings of the bronchial tree fully explain the patient's clinical signs since the random occurrence of the coughing may be more common with upper airway involvement which should be ruled out in this patient, if possible.

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Airway endoscopy would be ideal in this patient to further evaluate morphology and function of both the upper and lower airways and to obtain samples for further definition.

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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.

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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