



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Tank Pimental

SPECIES
Canine

BREED
English Bulldog

SEX
Male Neutered

AGE
11

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Boca Park Animal Hospital

REFERRING VET
Tifanie Silver

INVOICE
52910

DATE
7-16-22

P presented for evaluation of respiration. P has a history of unilateral, occasionally hemorrhagic, mucopurulent discharge from the left nostril (previous skull rads indicated a soft tissue opacity) w/ history of degenerative joint disease of the hips and stifles. Additional history of allergy symptoms, skin conditions, and brachycephalic syndrome respiratory conditions.
Abnormal PE/Chem/CBC/UA Results: Grade II/IV dental disease Elongation of the soft palate Nasal hyperkeratosis moderate stenotic nares Mild to moderate mucopurulent, hemorrhagic left-sided nasal discharge Moderate inspiratory stridor Stiffened gait w/ difficult flexing of stifles and decreased range of motion of the hips

RADIOGRAPHIC STUDY OF THE THORAX

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

RADIOGRAPHIC FINDINGS

Wedge shaped shortening of multiple mid thoracic vertebrae is seen.

The chest is expanded with caudoventrally diverging intercostal spaces. Far cranial excursion of the diaphragm is seen and indicates upper airway restriction which is common in this breed.

Mild generalized tracheal hypoplasia is noted and still within the breed related normal limits.

A moderate generalized bronchial lung pattern with occasional peribronchial cuffing is seen.

Regional soft tissue opacification is seen on the right lateral view in the ventral aspect of the caudal subsegment of the left cranial lung lobe.

There is no evidence of cardiomegaly or specific chamber enlargement.

There is moderate gastric aerophagia.

RADIOGRAPHIC DIAGNOSIS

- Tracheal hypoplasia.
- Indirect signs of upper airway restriction.
- Aerophagia.
- Moderate bronchointerstitial lung pattern.
- Hemivertebrae.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings suggest potential for chronic active lower airway disease such as eosinophilic/allergic bronchopneumopathy versus infectious bronchitis including viral, bacterial, and less likely parasitic or fungal. At this time, no clear signs of pulmonary metastatic disease or a pulmonary mass are identified radiographically. Further definition by means of airway sampling could be considered should the patient undergo CT as further workup of the nasal pathology. Extending the CT study to the thoracic cavity would be reasonable in this patient.



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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

Canine

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.

BREED

English Bulldog

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