



PATIENT

Boomer Valgora

PRESENTING CLINICAL SIGNS

Housemate was treated last week for nasal congestion and sneezing. Boomer presented today with audible nasal congestion, yellow nasal discharge, sneezing, and reverse sneezing for the past 2 days.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: See above. Temperature 101 degrees. A grade 2 heart murmur was ausculted on exam. No other significant findings.

BREED

Boston Terrier

R and L lat., DV

RADIOGRAPHIC FINDINGS

The body condition score is 6/9 with smooth alternating layers of fat and soft tissue opacity.

SEX

MN

T6 and T9 are wedge shaped. Smooth new bone formation is located on the ventral aspect of the T6/7 disc space.

The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible to the tertiary branches. The bronchial tree is thin walled and tapers uniformly towards the periphery.

AGE

5 Years, 6 Months

The cranial mediastinum is of physiological size and opacity; air is present in the esophagus just caudal to the cricopharyngeal sphincter which seems to be outlined by a thin dorsal air shadow. The trachea diverges from the thoracic vertebrae and the carina is located at T5.

INTERPRETED BY

Heike Rudolf, DVM,
Dr. med. Vet.,
DipECVDI DVR

The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces. No chamber or outflow tract enlargement is evident.

The gastric axis is slightly rotated cranially.

HOSPITAL NAME

Gentle Doctor Animal
Hospital

RADIOGRAPHIC DIAGNOSIS

- Congenital vertebral malformations
- Spondylosis

Incidental findings:

- Possible open cricopharyngeal sphincter
- Smallish liver

REFERRING VET

Taylor Morrison

INVOICE

52133

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I can see no changes that would explain the clinical signs. A mild heart murmur could represent a hemic murmur or could be related to mitral valve insufficiency which, in small breed dogs, is usually due to endocardiosis. Echocardiography with a Doppler study is necessary for detection and grading. The examination can then be used as a baseline to which further studies can be compared. Obtaining an accurate vertebral heart score is not possible due to the two shorter, wedge shaped vertebrae, which increase the VHS number. For comparison with future images of the same dog the obtained number is: 13.

DATE

5-13-22

The air shadow in the cricopharyngeal space could represent an artefact, a swallowing action or be due to an inability of the sphincter to close. In the latter case it would represent chaliasia which



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results in feeding problems (e.g. regurgitation) as well as aspiration pneumonia and is usually seen in puppies. However, should these signs be present, fluoroscopic examination during a Barium meal is recommended. The mild cranial rotation of the gastric axis is most likely due to a normal BCS and deep chest. Should liver enzyme abnormalities be present, further studies (e.g. ultrasound) will be needed.

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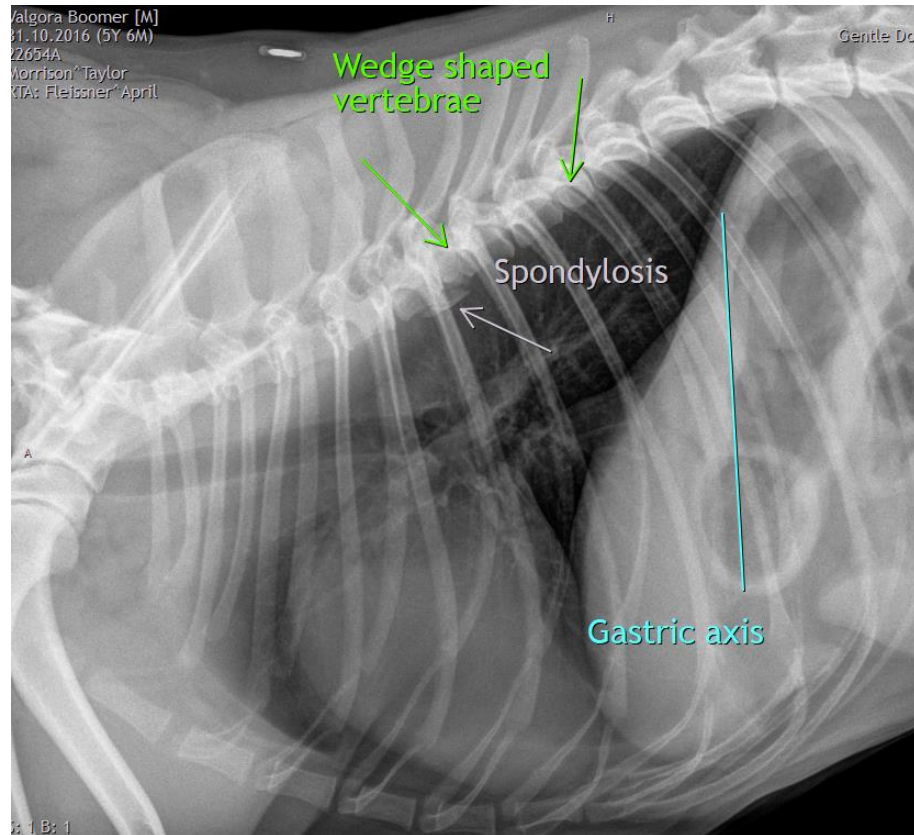
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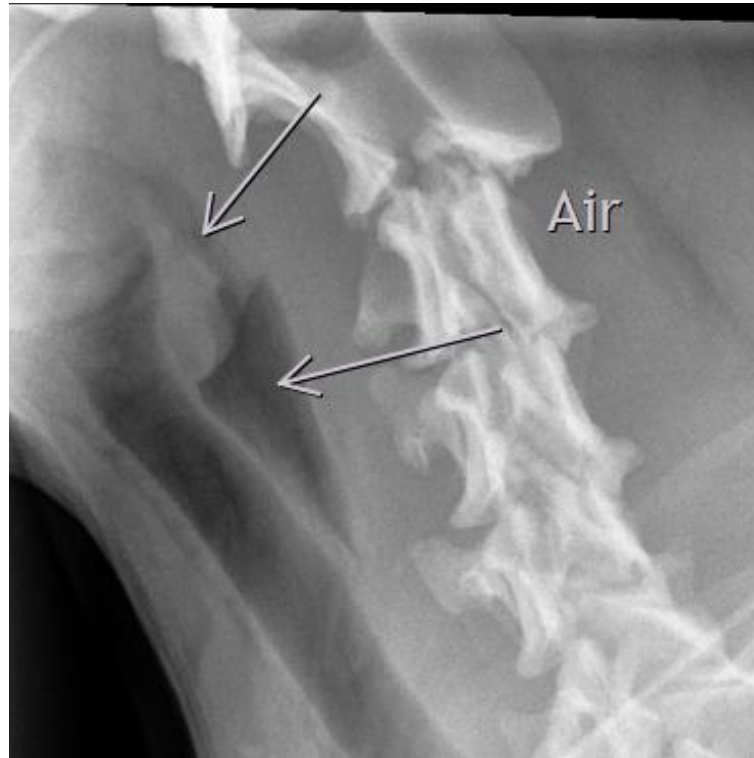
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Heike Rudolf, DVM, Dr. med. vet., DipECVDDI, DVR
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