



**PATIENT PRESENTING CLINICAL SIGNS**

Karlee Nester Hacking cough Rule out cardiac

**SPECIES RADIOGRAPH OF THE THORAX**

Canine Dogogram: left lateral and DV

Canine

**RADIOGRAPHIC FINDINGS**

**BREED** The body condition score is 8-9/9 with smooth alternating layers of fat and soft tissue opacity.

Chihuahua The bony structures appear physiological.

**SEX** The degree of pulmonary expansion is fair at best. The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are visible. The bronchial tree is thin walled and tapers uniformly towards the periphery. On the DV view both main bronchi are straight.

Female/sp

The cranial mediastinum is of physiological size and opacity. The trachea runs parallel to the thoracic vertebrae and the carina is elevated; the cervical tracheal lumen is mildly reduced by a dorsal soft tissue opaque line. A small amount of air is present in the mid-thoracic esophagus.

**AGE**

11 Years

The cardiac silhouette occupies 85% of the chest height and 3 intercostal spaces (VHS 10). The caudal heart border is straight and tenting of the left atrium (LA) is present. On the DV there is a mild bulge at 3 o'clock

**INTERPRETED BY**

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

A thin, ragged line of metal opacity is located in the region of descending duodenum and right pancreatic limb.

**HOSPITAL NAME RADIOGRAPHIC DIAGNOSIS**

New Bridge  
Veterinary Practice

- Tracheal collapse
- Possible left sided cardiac enlargement
- Obesity

Incidental finding:

**REFERRING VET**

Dr. Abina Glennon

- Metal foreign body right cranial abdomen

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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The cardiac silhouette appears different on right and left lateral recumbent views and usually the right lateral one is used to assess cardiac enlargement. Nevertheless, the left atrium appears prominent, and echocardiography is recommended to assess the mitral valve and to identify if a significant mitral regurgitation is present. The dorsal, soft tissue opaque line in the tracheal lumen most likely represents the dorsal tracheal ligament. Tracheal collapse alone can be due to a weakened dorsal tracheal ligament. Tracheal in combination with bronchial collapse is usually caused by chondromalacia and is thus due to an altered cartilage development which may go unnoticed until physical circumstances (such as stress, running, excitement) or disease (e.g. pneumonia, bronchitis, L cardiac enlargement) reduces the ease of airflow.

**DATE**

4-1-22

Obesity is known to worsen clinical signs of cough and impair lung function; weight control is strongly recommended.



**PATIENT**

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**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Female/sp

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**REFERRING VET**

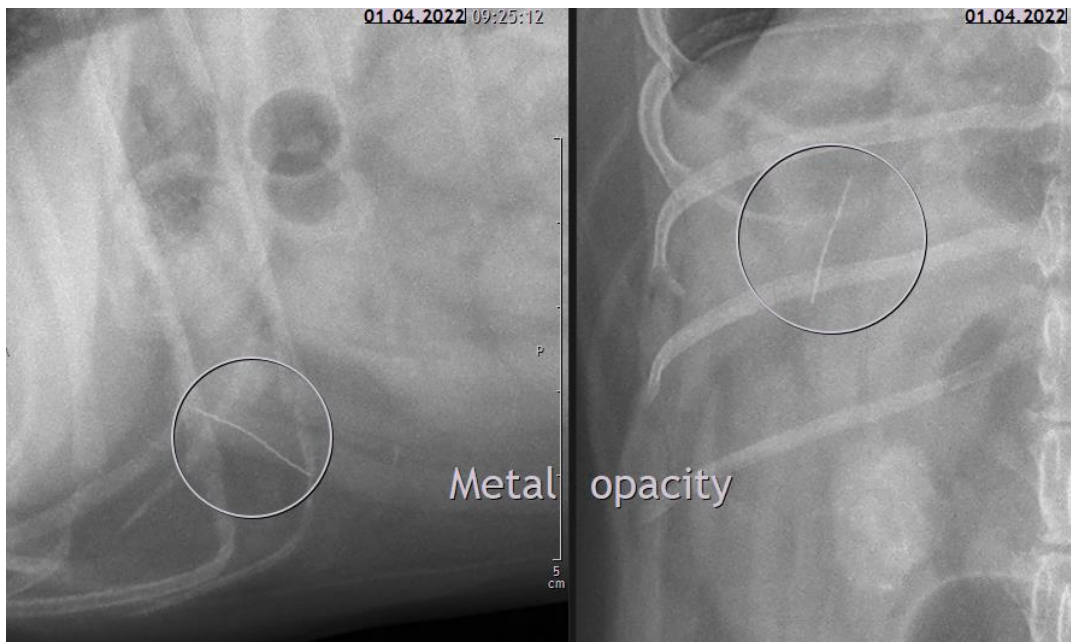
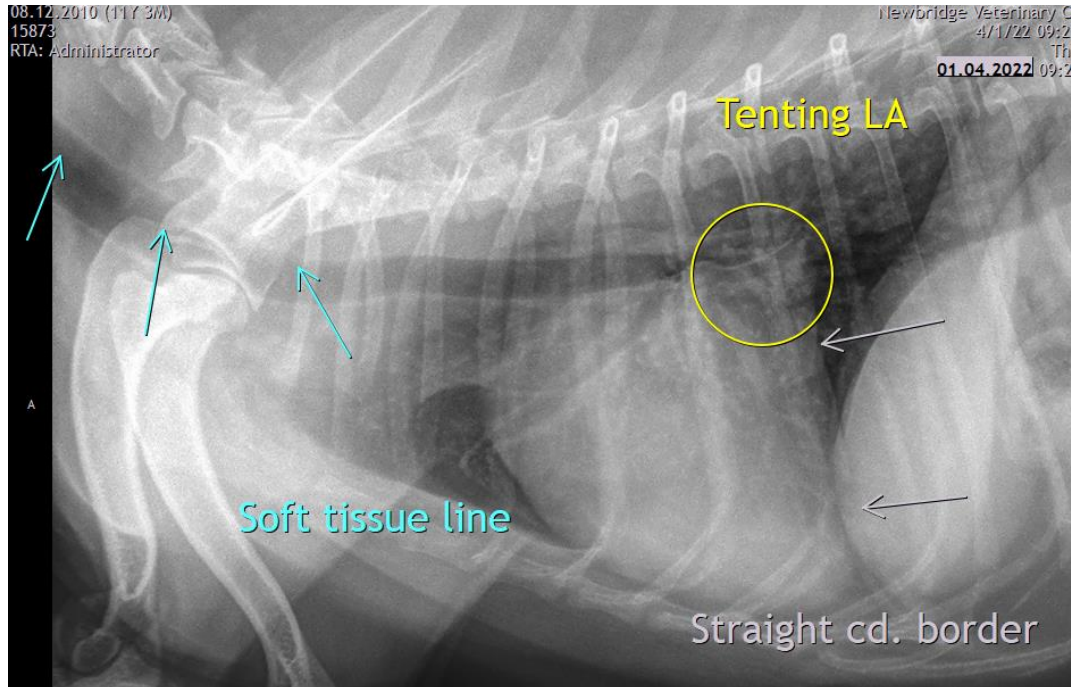
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**PATIENT**

Karlee Nester

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.

**SPECIES**

Canine

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**BREED**

Chihuahua

**SEX**

Female/sp

**AGE**

11 Years

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