



**PATIENT**

Foxy Belle Allen

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

Female Spayed

**AGE**

13.5

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Long Valley Animal  
Hospital

**REFERRING VET**

Russell Earl

**INVOICE**

50562

**DATE**

2-24-22

**PRESENTING CLINICAL SIGNS**

Owner wishes to get dentistry. Previous cardiac work-up Nov 2021 revealed only minor compensated valvular disease, but current ECG now reveals a 2nd degree heart block and ventricular arrhythmia. Pet also has history of COPD and Hypothyroidism and is on Theophylline and Thyro-Tabs

Abnormal PE/Chem/CBC/UA Results: CBC: Platelets=786 Chem: ALP=729; ALT=131 Electrolytes: Potassium=5.8 (presumably from thrombocytosis) Na/K=26

**RADIOGRAPHIC STUDY OF THE THORAX**

Right lateral and dorsoventral views totaling 2 images available for review. The findings are compared to the prior report dated November 1, 2021, and two prior echocardiograms, one which is recent.

**RADIOGRAPHIC FINDINGS**

The degree of pulmonary inflation is moderate.

The mild interstitial lung pattern is stationary. The bronchi are clearly seen but thin walled. Occasional age related incidental pulmonary osteomas are present.

Minimal redundancy of the dorsal tracheal ligament of the cervical trachea is seen. The intrathoracic trachea presents within normal limits.

The vertebral heart score is 10.2 which does not necessarily represent a significant enlargement. No further right ventricle rounding is seen. The shape of the cardiac silhouette is within normal limits. Prominence of a soft tissue opacity level with the aortic arch or main pulmonary artery is seen on the right lateral view consistently between the prior and current radiographic studies. However, cross referencing the cardiac echo, this is likely to simple represent age related redundancy of the aortic arch.

With the better inflated lung, the impression of an interstitial increase in opacity is reduced.

The liver changes appear to be stationary.

**RADIOGRAPHIC DIAGNOSIS**

- Regressive interstitial lung pattern.
- Normal age related radiographic presentation of the cardiac silhouette.
- Stationary moderate hepatomegaly.
- Stationary spondylosis deformans.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of generalized cardiomegaly or specific chamber enlargement is seen on the recent radiographic study. The large vessel prominence on the right lateral view can be attributed to age related redundancy of the aortic arch; cross referencing the radiographic and echocardiographic studies.

The increase in interstitial opacity on the prior study may have been secondary to poor



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pulmonary inflation. In the recent study, the pulmonary inflation is moderate and the impression of an interstitial increase in opacity is reduced.

The bronchial wall visibility is attributable to normal age related changes.

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No evidence of left or right sided cardiogenic failure is seen, and the vertebral heart score is within normal limits.

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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.

**INVOICE**

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