



**PATIENT**

Sweet Pea Prause

**PRESENTING CLINICAL SIGNS**

REPORTED SYMPTOMS: Started panting during rest starting last night. Previous episode of cyanosis 2/10/22, however declined testing and treatment at that time. Presented in respiratory distress. Cyanotic mucous membranes. Increased respiratory rate and effort. Grade VI/VI holosystolic left apical heart murmur. Crackles. Began O2 therapy. Pulmonary edema on GLOBAL ultrasound. Furosemide, butorphanol, and midazolam administered. CBC, chem, lytes, and thoracic rads pending.

**SPECIES**

Canine

**BREED**

Chihuahua

**RADIOGRAPHIC STUDY OF THE THORAX**

Radiographs of the thorax in three imaging planes are provided for review.

**SEX**

Neutered Male

**RADIOGRAPHIC FINDINGS**

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

**AGE**

12 Years, 9 Months

The cardiac silhouette is elongated, and the trachea is paralleling the thoracic spine. The caudal contour of the cardiac silhouette is steep, and the caudal cardiac waist is lost. In the VD view, mild splaying of the principal bronchi is seen.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The lung parenchyma presents a generalized moderate to marked ground glass opacification, most accentuated in the caudodorsal lung field, effacing the pulmonary vasculature.

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.

**HOSPITAL NAME**

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Center

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

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

**REFERRING VET**

Agnes Rupley, DVM

**RADIOGRAPHIC DIAGNOSIS**

- Left sided cardiomegaly
- Moderate to marked generalized unstructured interstitial lung pattern – most accentuated in the caudodorsal aspect of the lung

**INVOICE**

50925

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The lung pattern in combination with the left sided cardiomegaly is highly suggestive for cardiogenic pulmonary edema due to underlying mitral valve insufficiency. After stabilization of the patient, recommend complementing workup by a cardiac echo for further evaluation of cardiac chamber size and function. Follow up radiographs would also be beneficial to check if the pulmonary pattern is regressive under therapy and to differentiate from other pathologies including fibrosis, pneumonitis (inflammatory versus infectious), systemic disease (e.g. pancreatitis, IMHA, renal disease), thromboembolism, neoplasia.

**DATE**

3-15-22



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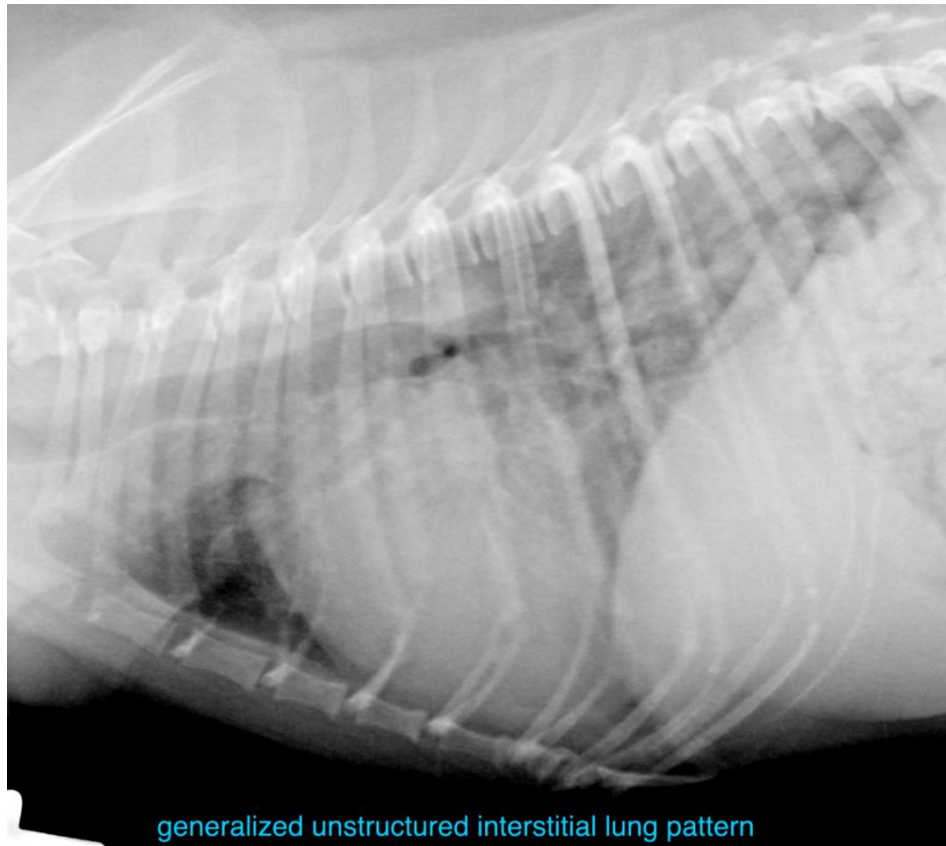
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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