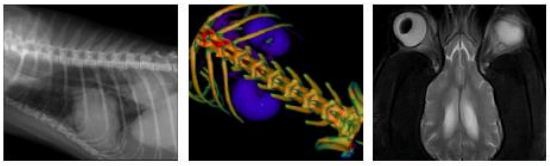
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Maggie Spaccarotella

SPECIES

Canine

BREED

German Shorthair Pointer

SEX

FS

AGE

11 Years, 4 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Gentle Doctor Animal Hospital

REFERRING VET

Dr. Sydney Thorson

INVOICE

52606

DATE

6-27-22

PRESENTING CLINICAL SIGNS

Increased respiratory rate noted by owners for the past 7 days with increased effort noted after short walks. Eating and drinking normally and otherwise acting like herself.
Abnormal PE/Chem/CBC/UA Results: Previous concerns in past year for laryngeal paralysis with harsh panting and potential for change in bark. Elevated respiratory rate with excitement but calms down to more normal rate when rested in kennel. SPO2 ranges from 80-90 during increased effort, returns to normal at rest. Chemistry/CBC pending.

RADIOGRAPHIC STUDY OF THE THORAX

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

RADIOGRAPHIC FINDINGS

Multifocal mild spondylosis formation is seen along the caudal thoracic spine. Both shoulder joints present moderate osteophyte new bone formation.

The extrathoracic soft tissues present homogeneous without abnormalities.

The cardiac silhouette is normal in size. The vertebral heart score is 9.2. The pulmonary vasculature is effaced by the lung pattern.

The lung parenchyma presents a generalized moderate to marked unstructured reticular pattern with a nearly cloudy soft tissue opacification of the cranioventral aspects of the lung parenchyma. Thin pleural fissure lines are appreciated.

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.

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.

RADIOGRAPHIC DIAGNOSIS

- Generalized significant unstructured interstitial lung pattern with mild accentuation in the cranioventral aspects
- Equivocal very mild pleural effusion
- Degenerative osteoarthrosis shoulder joints bilaterally

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The unstructured interstitial lung pattern is explaining the decreased blood oxygen saturation and increased respiratory rate. Unfortunately, the pattern is not specific, and potentials include pulmonary cardiogenic edema in case of cardiomyopathy (e.g. dilated cardiomyopathy that can present with normal cardiac dimensions), pneumonitis (e.g. viral such as distemper, bacterial, Leptospirosis, parasitic), pulmonary hemorrhage, non-cardiogenic edema (e.g. pancreatitis, renal disease, IMHA), fibrosis or neoplastic infiltration. Radiographic changes need to be correlated with findings from blood work (coagulation panel might be beneficial as well) and underlying

PATIENT

Maggie Spaccarotella

SPECIES

Canine

BREED

German Shorthair Pointer

SEX

FS

AGE

11 Years, 4 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Gentle Doctor Animal Hospital

REFERRING VET

Dr. Sydney Thorson

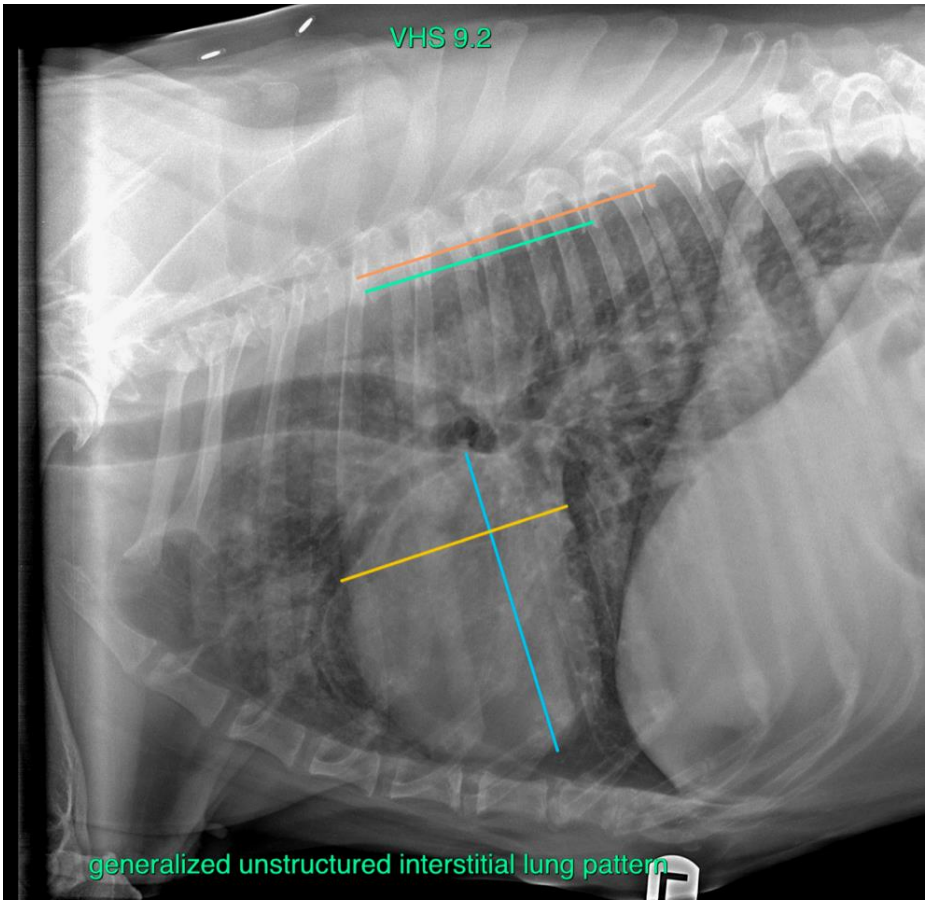
INVOICE

52606

DATE

6-27-22

cardiomyopathy needs to be ruled out by a cardiac echo. A transtracheal wash might be used as advanced diagnostic tool as well.



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
sebast.schaub@gmail.com