



PATIENT

Vera Wood

PRESENTING CLINICAL SIGNS

acute onset limping in right rear end-

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX, PELVIS, & STIFLES

Radiographs of the thorax in two imaging planes, a VD projection of the pelvis and mediolateral and craniocaudal views of the stifle joints are provided for review.

BREED

Cattle Dog Mix

The body condition score is 7/9.

Thorax

SEX

SF

The vertebral endplates T11/T12 present moderate spondylosis formation.

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE

10

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

HOSPITAL NAME

Rockaway Animal
Hospital

The lung parenchyma presents the expected architecture and generalized mild to moderate unstructured reticular lung pattern; the intrapulmonary vascular branching is seen up to the third order lung vessels.

REFERRING VET

Dr. Maniar

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

Pelvis/Hind limbs

INVOICE

47441

Both coxofemoral joints present moderate to marked osteophyte new bone formation, L>R. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

The volume of the soft tissue shadow of the right thigh musculature is mildly decreased.

DATE

9-16-21

The periarticular bones of the right stifle joint present mild osteophyte new bone formation. There is a moderately increased intracapsular soft tissue swelling of the right stifle joint, distorting the infrapatellar fat pad and displacing the fascial plane caudally. The right popliteal sesamoid bone is in a distal position. Although the right stifle joint is in an extended position there is subjective cranial subluxation of the tibia.



PATIENT The left stifle joint is within normal limits.

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RADIOGRAPHIC DIAGNOSIS

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- Obesity
- Mild to moderate degenerative osteoarthritis right stifle joint
- Moderate articular swelling right stifle joint
- Possible cranial subluxation right tibia
- Mild disuse atrophy right hind limb
- Moderate to marked degenerative osteoarthritis coxofemoral joints bilaterally due to hip dysplasia
- Moderate unstructured interstitial lung pattern
- Spondylosis deformans T11/T12

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

SF

The radiographic study is consistent with chronic degenerative osteoarthritis with concomitant joint effusion of the right stifle joint. The most-likely underlying cause is (partial) rupture of the cranial cruciate ligament with or without meniscal disease. The finding is considered as clinically relevant. Although the degenerative osteoarthritis may contribute to clinical signs.

AGE

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A positive drawer sign or tibial compression test under general anesthesia can be used to confirm the diagnosis and surgical intervention – a correction osteotomy technique would be ideal – is considered beneficial.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The unstructured interstitial pattern is very likely a combination of obesity of the patient and age related changes of the lung parenchyma.

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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