



**PATIENT**

Cesar Kuczinski

**PRESENTING CLINICAL SIGNS**

trouble walking on right hind leg completely holding it up.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE PELVIS, STIFLES, & THORAX**

Right/left lateral and ventrodorsal views of the thorax, ventrodorsal hip extended view of the pelvis including craniocaudal views of the stifles, and mediolateral view of the left stifle available for review.

**BREED**

Pekignese

**RADIOGRAPHIC FINDINGS**

**Pelvis**

The coxofemoral joints present within age and breed related normal limits.

**SEX**

Disuse atrophy of the right hind limb musculature is seen.

MN

**Stifles**

The patellae are in situ.

**AGE**

10 Years

The right stifle presents moderate to severe osteoarthritic changes.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Mild osteoarthritic changes of the left stifle joint are seen on the orthogonal and mediolateral views accentuating the femoral trochlea. There is a cartilage remnant in the proximal aspect of the tibial tuberosity. No evidence of cranial thrust of the tibia is noted in the left stifle.

**Thorax**

The visible elbow presents severe osteoarthritic changes.

**HOSPITAL NAME**

Rockaway Animal  
Hospital

The extrathoracic soft tissues present homogeneous without abnormalities.

Marked focal enlargement of the cardiac silhouette level with the right ventricle and main pulmonary artery is seen in the lateral view. No significant enlargement of the main pulmonary artery, however, is present in the orthogonal view yet there appears to be widening of the mediastinum level with the aortic arch. The pulmonary vasculature is thin.

**REFERRING VET**

Dr. Maniar

The cranial mediastinum presents the expected soft tissue opacity.

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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.

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8-18-21

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

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



**PATIENT** diaphragmatic cupola.

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**RADIOGRAPHIC DIAGNOSIS**

**SPECIES**

Canine

- Severe right stifle osteoarthritis.
- Disuse atrophy of the right hind limb musculature.
- Mild left stifle osteoarthritis.
- Focal cardiomegaly with presumed right ventricular, main pulmonary arterial enlargement, and underperfusion of the lung.

**BREED**

Pekignese

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

MN

The radiographic presentation of the coxofemoral joints is within age related normal limits. Severe osteoarthritis of the right stifle joint is seen. The potential presence of underlying patella luxation, cranial cruciate ligament, and less likely meniscal injury should be considered. Other arthropathy cannot be ruled out entirely but is by far less common. Correlate with the clinical palpation.

**AGE**

10 Years

The radiographic changes of the thorax are suggestive for right sided cardiomegaly with right ventricular and right ventricular outflow tract involvement which would also be supported by the relative hypoperfusion of the lung. No evidence of underlying pulmonary pathology is seen. Further verification by means of a cardiac echo is required.

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**REFERRING VET**

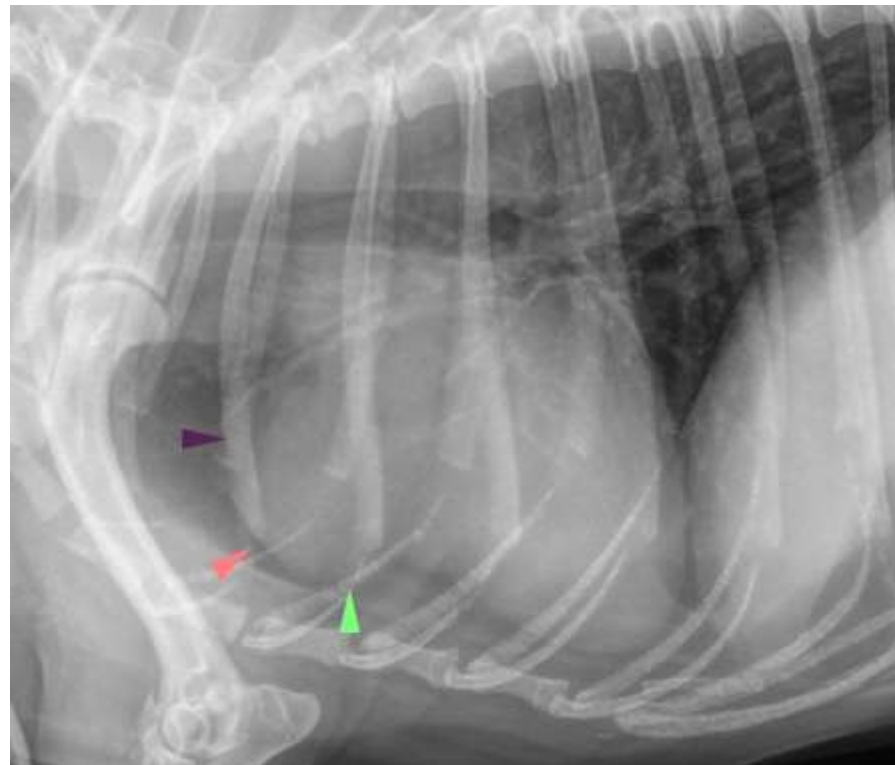
Dr. Maniar

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**PATIENT**

Cesar Kuczinski

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.

**SPECIES**

Canine

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.

**BREED**

Pekignese

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**SEX**

MN

**AGE**

10 Years

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