



PATIENT

Addie Eizman

PRESENTING CLINICAL SIGNS

Limping R fore for past week with firm swelling present near elbow. Also grade 2 lame R hind with crepitus and swelling.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE RIGHT ELBOW, PELVIS, STIFLES, & THORAX

Right/left lateral and ventrodorsal views of the thorax, ventrodorsal hip extended view of the pelvis, mediolateral views of both stifles, and mediolateral and craniocaudal views of the right and left elbow totaling 9 images available for review.

BREED

Italian Mastiff

RADIOGRAPHIC FINDINGS

Thorax

Multifocal mild spondyloses are seen throughout the caudal cervical and thoracic spine.

SEX

Female Spayed

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE

6 Years

The heart is of normal size and shape and 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

Nele Eley, 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 lung presents a mild generalized bronchointerstitial pattern as well as pulmonary osteomas which is considered within age related normal limits. The right lung presents reduced volume and increased opacity which is attributed to positional atelectasis. No evidence of pulmonary nodules or masses is seen.

HOSPITAL NAME

Boca Park Animal
Hospital

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

REFERRING VET

Hill

Pelvis

The left coxofemoral joints presents evidence of dysplasia and moderate coxofemoral joint osteoarthritis.

The muscle volume appears to be relatively low in both hind limbs.

INVOICE

49400

Stifles

Moderate articular swelling of the right stifle joint is seen with a large amount of periarticular new bone and cranial thrust of the tibia. The joint space appears to be reduced in width.

DATE

1-7-22

Moderate articular swelling, cranial thrust of the tibia, a large amount of periarticular new bone, and reduced joint space width are noted which is very similar compared with the right side.

**PATIENT**

Addie Eizman

Right Elbow

Permeative aggressive osteolysis of the proximal diaphysis and metaphysis of the right radius are seen with multifocal cortical bone thinning, palisading new bone formation, and a Codman's triangle. The transition zone to the unaffected bone is long and indistinct. The right elbow joint presents mild periarticular osteophytes.

SPECIES

Canine

A mild amount of periarticular osteophytes is present in the left elbow as well.

BREED

Italian Mastiff

The shoulders are included and reveal new bone formation distal to the supraglenoid tubercle and level with the greater humeral tubercle.

RADIOGRAPHIC DIAGNOSIS**SEX**

Female Spayed

- Monostotic aggressive osteolytic lesion of the proximal right radius.
- Moderate to severe bilateral stifle osteoarthritis with radiographic evidence of cranial cruciate ligament failure.
- Moderate left coxofemoral joint osteoarthritis as a consequence of hip dysplasia.
- Mild bilateral elbow osteoarthritis.
- Bilateral mineralizing supraspinatus tendinopathy / biceps tendinopathy.
- Normal age related thorax.

AGE

6 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**INTERPRETED BY**Nele Eley, DVM
Dr. med. Vet. DipECVDI

The main finding is a monostotic aggressive osteolytic lesion of the proximal right radius. Differential diagnosis includes primary neoplasia of bone such as osteosarcoma, chondrosarcoma, and other, as well as metastatic disease of another primary tumor. Osteomyelitis secondary to local infection or hematogenous spread cannot be ruled out entirely but is thought less likely. Final diagnosis will require bone biopsy and histopathologic examination.

HOSPITAL NAMEBoca Park Animal
Hospital

There is evidence of severe stifle osteoarthritis in both hind limbs along with indication of cranial cruciate ligament injury.

The left coxofemoral joint presents moderate osteoarthritis secondary to hip dysplasia.

REFERRING VET

Hill

Mild bilateral elbow osteoarthritis is seen.

INVOICE

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Italian Mastiff

SEX

Female Spayed

AGE

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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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com